

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - (b) (6) - Jul 11
Date: Friday, July 11, 2014 8:49:59 AM

Next week I'm in EPT with (b) (6), (b) (7)(C).

1. Hot Issues – the issues I'm tracking include:

- (b) (7)(E) Road Improvements Project by military and Phase C by WG
- OPNM (b) (7)(E) Road Project by military
- (b) (7)(E)
- UESC Projects
- (b) (7)(E)
- Nogales Train Gates
- CTIMR WA 1
- CTIMR WA 2
- CTIMR WA 3
- CTIMR WA 4

2. Major Efforts

- I worked with (b) (6), (b) (7)(C) throughout the week to support KBR planned activities in TCA. Working specifically on the lift gates to be installed in (b) (7)(E) I reviewed proposed actions for erosion repair near the (b) (7)(E) POE.
- I worked on cost evaluation of addressing numerous breaches of mesh fence west of the (b) (7)(E) POE.
- I continued the review and discussion of the OTIA design standards.
- I continued support to (b) (6), (b) (7)(C) regarding road design and construction is support of new towers.
- I worked with Spokane, FS and (b) (6), (b) (7)(C) on the design of (b) (7)(E) upgrades and the sow for that effort.
- I began to participate in daily meetings for CTIMR WA 3 and 4 because of the resignation of (b) (6), (b) (7)(C). I am traveling to EPT to meet with (b) (6), (b) (7)(C) and view numerous ongoing issues in the Sector.
- I evaluated feasibility and cost of replacing the old landing mat fence in the (b) (7)(E) area of YUM
- I participated in routine conference calls throughout the week.

3. Good News

4. Concerns

5. Deliverables

(b) (6), PE, CCP, PMP



2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) Desk
(b) (6) Cell

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6) (b) (6), (b) (7)(C)
Subject: Re: Weekly - RGV 14 July 2014 (b) (6), (b) (7)(C)
Date: Tuesday, July 15, 2014 8:29:46 AM

I am here so let me know what works.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 15, 2014 07:13 AM
To: (b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6), (b) (7)(C)
Subject: Re: Weekly - RGV 14 July 2014 (b) (6), (b) (7)(C)

Yes, we need to involve (b) (6), (b) (7)(C) and those negotiating in El Paso. (b) (6), (b) (7)(C) in RGV as of Wednesday. Let's try while (b) (6), (b) (7)(C) is here.

From: (b) (6)
Sent: Monday, July 14, 2014 11:15 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6), (b) (7)(C)
Subject: RE: Weekly - RGV 14 July 2014 (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) – I'm in EPT with (b) (6), (b) (7)(C) this week. (b) (5)

(b) (6), PE, CCP, PMP



2000 Corporate Ridge
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(b) (6) Desk
(b) (6) Cell

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From: (b) (6), (b) (7)(C)
Sent: Monday, July 14, 2014 12:24 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6) (b) (6), (b) (7)(C)
Subject: Weekly - RGV 14 July 2014 (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Below are the most critical actions in RGV at this moment.

1. (b) (5)

- 2.
- 3.

(b) (5)

CONCERN:

(b) (5)

(b) (6), (b) (7)(C), Program Manager, COR

Border Patrol Facilities and Tactical Infrastructure

Facilities Management and Engineering

Tactical Infrastructure Division (Maintenance & Repair)

(b) (6), (b) (7)(C) work

(b) (6), (b) (7)(C) cell

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Message.
Date: Tuesday, June 24, 2014 1:41:57 PM

Ok.. good edit....Subject is Retirement of (b) (6), (b) (7)(C). Good?

(b) (6), (b) (7)(C), CBM, PMP
Department of Homeland Security
Detail to Science & Technology (S&T)
Acquisition Support & Operations Analysis (ASOA)
Office Phone: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
Fax: (b) (6), (b) (7)(C)
1120 Vermont Avenue, N.W.
Room 10-231
Washington, D.C.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, June 24, 2014 1:41 PM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Message.

(b) (5)

[Redacted]

From: (b) (6), (b) (7)(C)
Sent: Tuesday, June 24, 2014 1:36 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Message.

(b) (5)

[Redacted]

(b) (6), (b) (7)(C), CBM, PMP
Department of Homeland Security
Detail to Science & Technology (S&T)
Acquisition Support & Operations Analysis (ASOA)
Office Phone: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
Fax: (b) (6), (b) (7)(C)
1120 Vermont Avenue, N.W.
Room 10-231
Washington, D.C.

From: (b) (6)

Sent: Tuesday, June 24, 2014 11:56 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Re: Message.

(b) (5)

Sent from my iPhone

On Jun 24, 2014, at 10:33 AM, "(b) (6), (b) (7)(C)" > wrote:

(b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)

Thoughts? Changes? Edits?

TI Team:

(b) (5), (b)(6);(b)(7)(C)

Thank you.

I wish to get this out today.

Regards,

(b) (6), (b) (7)(C), CBM, PMP
Department of Homeland Security
Detail to Science & Technology (S&T)
Acquisition Support & Operations Analysis (ASOA)
Office Phone: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
Fax: (b) (6), (b) (7)(C)
1120 Vermont Avenue, N.W.
Room 10-231
Washington, D.C.

From: (b) (6)
To: (b) (6), (b) (7)(C)
Subject: RE: **** (b) (6) - Reserve Duty August 18-29
Date: Wednesday, July 16, 2014 10:24:47 AM

I'm still in the air. I land in about 45minutes and will call you then-assuming that works for you

From: (b) (6), (b) (7)(C)
Sent: Wednesday, July 16, 2014 10:23 AM
To: (b) (6)
Subject: Re: **** (b) (6) - Reserve Duty August 18-29

Can you chat?

From: (b) (6)
Sent: Wednesday, July 16, 2014 09:20 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: **** (b) (6) - Reserve Duty August 18-29

(b) (5), (b)(6);(b)(7)(C)
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

From: (b) (6), (b) (7)(C)
Sent: Wednesday, July 16, 2014 7:11 AM
To: (b) (6)
Subject: Re: **** (b) (6) - Reserve Duty August 18-29

(b) (5)
[Redacted]

Sorry, I have many questions.

From: (b) (6)
Sent: Wednesday, July 16, 2014 04:47 AM
To: (b) (6), (b) (7)(C)
Subject: RE: **** (b) (6) - Reserve Duty August 18-29

(b) (5), (b) (7)(E), (b) (6)
[Redacted]

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 15, 2014 9:10 PM
To: (b) (6)
Subject: Re: **** (b) (6) - Reserve Duty August 18-29

Ok. What is in SD?

From: (b) (6)
Sent: Tuesday, July 15, 2014 08:03 PM
To: (b) (6), (b) (7)(C)
Subject: Re: **** (b) (6) - Reserve Duty August 18-29

Yes-I'm flying to San Diego via DFW layover, which is mid morning so I'll try you then.

Sent from my iPad

On Jul 15, 2014, at 8:54 PM, "(b) (6), (b) (7)(C)" wrote:

Can we chat tomorrow? (b) (5)
(b) (6). I have looped in BP and (b) (6), (b) (7)(C)

From: (b) (6)
Sent: Tuesday, July 15, 2014 07:40 PM
To: (b) (6), (b) (7)(C) (b) (6)
Subject: Fwd: **** (b) (6) - Reserve Duty August 18-29

FYI

Sent from my iPad

Begin forwarded message:

From: (b) (6) >
Date: July 15, 2014 at 11:03:21 AM EDT
To: (b) (6)
Cc: (b) (6)
Subject: RE: **** (b) (6) - Reserve Duty August 18-29

(b) (6)

Thank you. Attached are my orders which are required for accounting to open up the unpaid charge code.

I will follow up with my LES after the duty is completed (I should have it o/a 10 Sep) so I can have the differential pay processed.

Respectfully,

(b) (6)

P.S. Congratulations on your promotion to Program Director!

From: (b) (6)
Sent: Tuesday, July 15, 2014 9:50 AM
To: (b) (6)
Cc: (b) (6)
Subject: FW: **** (b) (6) - Reserve Duty August 18-29

(b) (6) – here's the current guidance on your reserve duty in August.
Thanks,
(b) (6)

From: (b) (6)
Sent: Monday, July 14, 2014 4:24 PM
To: (b) (6)
Cc: (b) (6)
Subject: FW: (b) (6) - Reserve Duty August 18-29

(b) (6)

(b) (6) is an LCI employee. Our policy for military leave is that we offer a differential for up to 10 days (80 hours), but the employee must submit his/her orders and LES (pay stub) from the service for us to calculate the differential (difference between what they make in the service and what they would have made here at work). There is a charge code for them to put their hours while on duty, but these are unpaid hours. We usually request a copy of the orders to open them up to the charge code.

Please let me know if you have any questions or we need to discuss.

Thanks

(b) (6)

(b) (6), CPA, CMA
Assistant Controller

LMI

6767 Old Madison Pike, Suite 275

Huntsville, AL 35806

Office: (b) (6)

Cell: (b) (6)

Fax: (b) (6)

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From: (b) (6)
Sent: Monday, July 14, 2014 2:26 PM
To: (b) (6)
Subject: FW: (b) (6) - Reserve Duty August 18-29

Hi (b) (6)
I just realized this is actually an LCI employee. Please
advise (b) (6) if the policy is different for LCI.

Thanks!

(b) (6)

(b) (6)

Payroll Manager

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: Re: RGV Gates 3412_1 RISKS and TECO
Date: Tuesday, July 15, 2014 11:20:42 AM

Never mind my email. Good to know things are being handled..

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 15, 2014 10:18 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: RGV Gates 3412_1 RISKS and TECO

Thanks (b) (6), (b) (7)(C)

We are in the closeout phase.

(b) (6), (b) (7)(C) Program Manager
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering
Tactical Infrastructure Division (Maintenance and Repair)
(b) (6), (b) (7)(C) Work
(b) (6), (b) (7)(C) BlackBerry
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 15, 2014 10:17 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: RGV Gates 3412_1 RISKS and TECO

The project has been teco'd. It should be closed out in FITT.

Thanks,

(b) (6), (b) (7)(C)
Program Analyst, Business Operations
Strategic Analysis, Inc
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
Phone: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 15, 2014 11:16 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RGV Gates 3412_1 RISKS and TECO

(b) (6), (b) (7)(C)

The RGV gates project is at 99% complete. Can I delete RISKS that no longer apply?

Do you know if the project was TECOed?

Thanks

(b) (6), (b) (7)(C), Program Manager

Border Patrol Facilities and Tactical Infrastructure

Facilities Management and Engineering

Tactical Infrastructure Division (Maintenance and Repair)

(b) (6), (b) (7)(C) Work

(b) (6), (b) (7)(C) Blackberry

(b) (6), (b) (7)(C)

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6), (b) (7)(C)
Subject: TI Engineering Requirements White Paper
Date: Friday, July 18, 2014 8:22:13 AM
Attachments: [White Paper Engineering.docx](#)

Please let me know if would like any clarifications/edits.

(b) (6), (b) (7)(C), P.E.

LMI

2000 Corporate Ridge
McLean, VA 22102
Office: (b) (6), (b) (7)(C)

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Border Patrol Facilities and Tactical Infrastructure Roles and Responsibilities for Engineering Staff Pertaining to TI New Construction Maintenance and Repair Activities

PURPOSE: This purpose of this paper is to describe the current roles and responsibilities of the three (3) engineering staff assigned to HQ BPFTI (2 full-time civil engineers (b) (6), (b) (7)(C), P.E., & (b) (6), (b) (7)(C), (recently became vacant) and 1 part-time civil engineer (b) (6), (b) (7)(C), P.E).

Overview: The BPFTI engineers provide engineering/technical and cost estimating expertise to support relative to new construction (both D&D and Milcon) and M&R program. Specific responsibilities include:

- Assessment of technical performance issues associated with existing TI to determine if upgrades are necessary and whether they can be addressed with existing “in-house” resources or require full AE design services from the Corps of Engineers and or A/E consulting services. Where feasible and appropriate, develop conceptual design sketches of remedial actions to upgrade TI to avoid the cost and time associated with using the Corps and or AE consulting services. This list of “issues” is constantly evolving. Current initiatives include, but are not limited to: repair/replacement of “leaning” landing mat fence in (b) (7)(E); investigation and eventual remediation of “failed” train gate in (b) (7)(E) (TCA); improvements to the mesh fence in (b) (7)(E) (TCA); repair and upgrade of multiple boat ramps in RGV; road improvements in (b) (7)(E) (RGV); upgrades to drainage systems in (b) (7)(E); assessment of severely eroded/unstabilized slope adjacent to (b) (7)(E) primary fence; leading pilot study for most appropriate maintenance methodology of existing cement stabilized roads in (b) (7)(E); evaluation of most cost-effective approach to vegetation control adjacent to primary fence in Texas sectors. **Involvement in these current initiatives is estimated at (b) (5)**
- Provide technical guidance to CTIMR contractors pertaining to the means and methods associated with M&R actions. There are currently four CTIMR contracts, participation in daily calls and follow up conversations **require approximately (b) (5)**.
- Provide technical expertise to AE design consultants including JTF-N design engineers relative to TI upgrades and new TI. This includes pre-design site walks, development of SOWs, development of cost estimates, design reviews, input to RFI's, and QA review of finished product. This is constantly involving but consistent level of work activities that includes AE design activities. Current initiatives include: new Gates at (b) (7)(E) culverts (SDC); new fence east of (b) (7)(E) (SDC); new Secondary fence at (b) (7)(E) (TCA) upgrades; (b) (7)(E) roads design (TCA); Phases B and C of (b) (7)(E) (ELC); completion of the design of (b) (7)(E) Phases 3B and 3C (Forest Service is designing with assisting from our engineers); (b) (7)(E) Bridge replacement (DRT); minimizing and mitigating impacts from the new proposed (b) (7)(E) Road (RGV) and new proposed looped roadway in (b) (7)(E) both TXDOT funded initiatives). **Involvement in these current initiatives is estimated at about (b) (5)**
- Provide cost estimating support for all IGCEs for BPFTI direct contracts. This includes CTIMR contracts, UESC contracts, upgrade of TI, and emergency repair activities.

Current initiatives include UESC in SDC, four CTIMR contracts, and miscellaneous support to all work plans developed under the CTIMR contracts. Involvement in these current initiatives is estimated at about (b) (5)

- Stay abreast of all M&R activities to provide timely advice and guidance on repair related actions. This requires periodic phone calls to all PM/CORs to maintain relationship and involvement in the daily activities. This is an on-going activity and is estimated at approximately (b) (5) or each of the PM/CORs for a total of (b) (5)
- Provide technical support and input to the BPFTI COR/PMs on all work plans and upgrades to existing TI. This involves review of all draft work plans for all sectors. A new work plan is prepared every 90 days. This requires a concentrated effort of approximately (b) (5) which equates to approximately (b) (5) of input per week.
- Participate in all TI construction and M&R related conference calls. This requires approximately (b) (5) to participate in the routine weekly conference calls pertaining to military construction, TI projects, and M&R CTIMR contracts. Involvement in these routine calls requires approximately (b) (5)
- Provide technical input and guidance to the Division Director to ensure consistent approach to M&R actions in all sectors. This activity is performed as time allows. The intent is to track and monitor all costs associated with M&R activities, identify trends, develop rules of thumb, identify issues, and provide recommended guidance to PM/CORs pertaining to the approach of M&R across the border. Approximately (b) (5) for this activity.
- Other duties as assigned. Something is always coming to the forefront that requires immediate attention. Estimates for future budgets, determinations of total M&R requirements, Strategic Plan inputs, estimates of life cycle costs, etc. Approximately (b) (5) for this activity.

CONCLUSION: Engineering support is involved and required for virtually all major initiatives in the TI Division. The manhours to support the various activities described above total (b) (5).

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - (b) (6) - July 25
Date: Friday, July 25, 2014 10:45:15 AM

1. Hot Issues – the issues I’m tracking include:

- (b) (7)(E) Road Improvements Project by military and Phase C by WG
- (b) (7)(E) Road Project by military
- (b) (7)(E)
- UESC Projects
- (b) (7)(E)
- Nogales Train Gates
- CTIMR WA 1
- CTIMR WA 2
- CTIMR WA 3
- CTIMR WA 4

2. Major Efforts

- I worked with (b) (6), (b) (7)(C) throughout the week to support the planned activities on the (b) (7)(E) Secondary fence.
- I worked with (b) (6), (b) (7)(C) to prepare for an engineering study to evaluate the Nogales train gates.
- I spent the week in TCA with (b) (6), (b) (7)(C) working with the archaeologists on how to deal with roads that have mapped sensitive sites in the roadway..
- I supported the CTIMR WA 4 team with information on the IGCE and the template for contractor proposals.
- I provided engineering support to issues in EPT, SDC and TCA throughout the week.
- I participated in routine conference calls throughout the week.

3. Good News

4. Concerns

5. Deliverables

(b) (6), PE, CCP, PMP



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McLean, VA 22102-7805

(b) (6) Desk
(b) (6) Cell

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6); (b) (6)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: Re: Urgent (b) (7)(E) Breach WO3051mobilization
Date: Sunday, July 27, 2014 7:31:32 PM
Attachments: NON-RESPONSE

5 panels still standing are out of plum from the weight against them and will. Need to replaced. That's 11 to 12 panels that require complete re construction.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)
Sent: Sunday, July 27, 2014 03:31 PM
To: (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Subject: RE: Urgent (b) (7)(E) Breach WO3051mobilization

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Sunday, July 27, 2014 5:27 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Urgent (b) (7)(E) Breach WO3051mobilization

I have a couple of questions about the proposed approach. This should be discussed on the daily call tomorrow morning. I look forward to seeing the approximate costs later this evening.

(b) (6), PE, CCP, PMP



2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) Desk
(b) (6) Cell

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From: (b) (6), (b) (7)(C)
Sent: Sunday, July 27, 2014 2:46 PM
To: (b) (6)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Urgent (b) (7)(E) Breach WO3051mobilization

Understood and agree. I have FM&E engineers also reviewing the estimate when I receive it tonight. They can look at the pictures and estimate tomorrow morning and hopefully by the time we start our day, they will have had time to provide their input into the execution strategy.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6)
Sent: Sunday, July 27, 2014 10:40 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Urgent (b) (7)(E) Breach WO3051mobilization

(b) (6)

Urgen (b) (7)(E) Breach WO3051

After reviewing the images and discussing with (b) (6), (b) (7)(E) and (b) (6), (b) (7)(E) this will be a substantial effort:

- Sections appear to be snapped off at grade (12 x 12 columns)
- Remaining upright sections are damaged and will need to be repaired as well
 - This may require that they too are removed
 - From the images may be another 3-4 sections
- The columns need to be continuous through the grade beam foundation, using sleeves is not an option
 - Excavation of current grade beam
 - Setting new columns (b) (7)(E)
 - Harvest most of the bollards and gates from the damaged sections
- The work will require:
 - Surface water subsides
 - Remove downed sections of fence
 - Clear out debris
 - Ground will need to dry out
 - Excavate grade beam
 - Pour and set new grade beam with rebar and New columns

(b) (6), (b) (7)(C) is in route from Ajo, should be on site approx. 13:30 or so

- He will inventory and assess the damage
- Explore interim solutions until materials are procured, ground conditions stabilize and weather subsides
- Will develop solutions to secure the breach until work can begin
 - Normandy barriers etc...
 - Look at access routes to enter the wash
- Driving a white Nissan pickup 4 x 4
- ETA 13:30-14:30

(b) (7)(E)

Respectfully,

(b) (6)

(b) (6)
Site Manager – CTIMR

KBR

Tucson, Arizona

e-mail : (b) (6)

Cell: (520) 471-9325

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Subject: FW (b) (7)(E) Site Walk 3051
Date: Tuesday, August 05, 2014 9:20:35 PM

(b) (6), (b) (7)(C) -FYI. (b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) (b) (5)

(b) (6), (b) (7)(C) ?

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 9:08 PM
To: (b) (6)
Cc: (b) (6) (b) (6) (b) (6), (b) (7)(C)
Subject: Re: (b) (7)(E) Site Walk 3051

(b) (6) begin mobilization. I don't see anything here we can't work out tomorrow. Distance we have south of fence is 3 feet, lay down and staging area is the same area WG fabricated rails, debris can only be removed 3 feet south of fence, I will have station remove puck locks panels you need when the day comes you request this, on the call it was stated you had all as-builts and drawings. Specify what you are missing so I can provide and who said they can photograph and provide them to you so I can follow-up and get these for you. Proceed with scope and execution stated below and look forward to seeing re-base lined schedule and estimate tomorrow.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6)
Sent: Tuesday, August 05, 2014 05:10 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: (b) (7)(E) Site Walk 3051

(b) (6), (b) (7)(C)

We conducted the site walk for the (b) (7)(E) WO3051:

Observations and Action Items:

- Ground conditions and access to the work site
 - Immediate ground area is dry and stable to start demo and debris removal
 - Access routes are dry as well
 - Cerrudo agreed that the site was drained and stable enough to begin demo and debris removal
- International Boundary Location (Action Item CBP)
 - Need verification of International Boundary, distance to fence to determine

- Foundation excavation area
 - Determine Excavation slope 1:1 or Shoring if inadequate distance
 - Access to remove debris south side of fence
 - CBP stated that they would verify boundary
- Laydown and Staging area (Action Item CBP)
 - Laydown adjacent to the drainage wash availability
 - Same area the wage grades used to fabricate barriers
 - CBP stated they would verify availability for use
- Removal of Puck Locks (Action Item CBP)
 - Remaining standing panels need puck locks removed prior to demo
 - Gates with locks 6 total
 - CBP stated they will remove the locks
- As Built drawings of fence and foundation (Action Item CBP or (b) (6))
 - Need foundation details to determine cross sectional area and depth
 - CBP stated that they could photograph the drawings and email to COR

Execution of Demolition and Debris Removal:

- Cerrudo stated that they could begin work immediately upon notification (5 Days to perform effort)
 - Mobilize Equipment and personnel (1 day)
 - Demo and debris removal concurrent (4 days)
 - Removal of downed fence sections
 - Cut and remove standing sections
 - Move panels to staging point for
 - Inspection
 - Demo and harvest of useable materials
 - Clear debris
 - Soil and debris North Side of Fence
 - Soil and debris South side of Fence
 - “Dependent of Boundary Location”
- Placement of Barriers
 - Barriers have been completed and are on site
 - Placement across the basin and wash perpendicular to the fence is an option
 - CBP agreed with placement plan

Rebase Line Estimates and Schedules: “Cerrudo is working the revisions with an expected completion this evening”

- Cerrudo is developing revised estimates and schedules for the following
 - Option 1, work week consisting of 5 days
 - Remove fabrication of TVB
 - No impact to schedule duration just remove ID line items
 - Option 2, extended hours and work days 6 days a week

- Increase man hours
 - Decreases duration
 - Increase operation cost
- KBR estimating will compile the changes tonight upon receipt from Cerrudo

Respectfully,

(b) (6)

(b) (6)

Site Manager – CTIMR

KBR

Tucson, Arizona

e-mail : (b) (6)

Cell: (b) (6)

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From: (b) (6)
To: (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales
Date: Tuesday, August 05, 2014 1:33:13 PM

(b) (5)

(b) (6) PE CCP PMP

LMI

2000 Corporate Ridge
McLean, VA 22102 7805

(b) (6) Desk
(b) (6) Cell

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 1:31 PM
To: (b) (6), (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

(b) (5)

(b) (5)

(b) (5)

From: (b) (6)
Sent: Tuesday, August 05, 2014 1:15 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

(b) (5)

(b) (6) PE CCP PMP

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(b) (6) Cell

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 11:18 AM
To: (b) (6), (b) (7)(C), (b) (6), (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

Two issues:

1. (b) (5)
2. Additional funding to remove a 1 debris in the 5 washes.

Thank you

(b) (6)

Program Manager/COR TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office (b) (6), (b) (7)
Mobile (b) (6), (b) (7)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 3:37 AM
To: (b) (6), (b) (6), (b) (7)(C), (b) (6)
Subject: RE: Estimates to clean 4 washes in Nogales

(b) (5)

From: (b) (6)
Sent: Monday, August 04, 2014 6:31 PM
To: (b) (6), (b) (7)(C), (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

(b) (5)

(b) (6) PE CCP PMP

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McLean, VA 22102 7805

(b) (6) Desk
(b) (6) Cell

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From: (b) (6), (b) (7)(C)
Sent: Sunday, August 03, 2014 7:29 PM
To: (b) (6)
Cc: (b) (6)
Subject: RE: Estimates to clean 4 washes in Nogales

I don't know the pressure but there is 5 feet in several of them. Can't predict rains in monsoons but the season officially ends 30 Sep so I would expect to get more rains.

Thank You (b) (6), PM/COR TI Division Office (b) (6), (b) (7) Mobile (b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6)
Sent: Sunday, August 03, 2014 03:39 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: Estimates to clean 4 washes in Nogales

Ok. Now I see the pictures. Several question what is the weather prediction for Tucson? Do we know how much pressure is now against the fence?

Sent from my iPhone

On Aug 1, 2014, at 14:10, (b) (6), (b) (7)(C) wrote:

Sir, These are estimates to remove debris out of 4 washes in the Nogales aor. Monsoon season isn't over and we may have to return to remove debris again. The CLIN for Tucson after allocation was for (b) (4) of this amount we have been invoiced (b) (4) leaving a balance of (b) (4). Requests to remove debris during monsoon season have never occurred in the past. We have always waited until after the rains are done to remove debris. That's why I was requesting additional funds dropped prior to 30 Sep the end of monsoon season. My assumption is due to the fence falling no one is taking chances on another fence collapse. There are more stations entering debris removal requests I was informed. I think the question needs to be asked to a SME if all the gates were opened will the debris flush itself out. If that can be answered as a yes, then we wouldn't need to clean them out. I don't know the risks because we have never opened the gates. I do know we haven't had major flooding in the Ajo area since they started opening their gates after that fence collapsed. But they open theirs before the rains and prior to debris building up. Unsure how the water will react with debris behind them now. Pictures of two of the washes with debris are attached.

Tucson Sector Work Plan (Government)														
CLIN 5 Vegetation/Debris														
Work Elements	Damage Extent	Unit of Measure	Quantity	Estimated Cost (\$K) Rollup	Cost Breakout by Activity						Location		Estimated Dates	
					Work Hr Cost	Travel Hr Cost	Equipment	Mobilization	Materials	Unitemized	Latitude	Longitude	Start	End
Urgent														
	WO 3058: Remove 1 0 CY of material south of the fence. Dispose of materials at Sierra Vista Landfill.	Day	10		(b) (5)									

(b) (5)

	PMO Cost	Lump Sum	1						
Subtotal									
	WO 3083: Remove Debris	Lump Sum	1						
	PMO Cost	Lump Sum	1						
Subtotal									
	WO 308 : Remove Debris	Lump Sum	1						
	PMO Cost	Lump Sum	1						
Subtotal									
	WO 3086: Remove Debris	Day	10						
	PMO Cost	Lump Sum	1						
Subtotal									
	WO 307 : Remove Debris	Lump Sum	1						
	PMO Cost	Lump Sum	1						
Subtotal									
otal Urgent									
otal CLIN									

Thank you

(b) (6),
Program Manager/COR TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office (b) (6), (b) (7)
Mobile (b) (6), (b) (7)
(b) (6), (b) (7)(C)
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(b) (7)(E) .jpg>
(b) (7)(E) 3A.jpg>

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6)
Subject: Re: Urgent Rebase-lined 3051 schedules 2 Options
Date: Wednesday, August 06, 2014 9:06:23 AM

Give me an hour..

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 08:50 AM
To: (b) (6), (b) (7)(C); (b) (6)
Subject: Fw: Urgent Rebase-lined 3051 schedules 2 Options

For your review/comments.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6)
Sent: Tuesday, August 05, 2014 10:38 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: Urgent Rebase-lined 3051 schedules 2 Options

(b) (6), (b) (7)(C)

We have received the rebase-lined estimate with 2 options along with the accompanying project schedules. I have provided the schedules for your review, see attached. These are based on observations on the ground and basic assumptions, in the event unforeseen variables including weather actions and or operational issues arise, there may be a cost impact to complete the work activity.

The estimates are being processed by our corporate office and will be made available in the AM tomorrow.

See attached for your review.

Respectfully,

(b) (6)

(b) (6)
Site Manager – CTIMR

KBR

Tucson, Arizona

e-mail : (b) (6)

Cell: (b) (6)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C), (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales
Date: Tuesday, August 05, 2014 1:30:20 PM

Clean up (b) (7)(E). This is the proviso. Also, we may wish to get a projection so that we have a limit we can do...

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 1:54 PM
To: (b) (6), (b) (7)(C), (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

I'll have sector set the priority for what washes they want to clean first and continue to clean washes until I run out of funds.

Thank you

(b) (6),
Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
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From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 10:52 AM
To: (b) (6), (b) (7)(C), (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

Ok. Press (b) (6) thank you for your input. (b) (7)(C) Thanks...

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 1:33 PM
To: (b) (6), (b) (7)(C), (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

Copy. I'll mobilize the contractor to begin clean out. I need to keep some funds back in the event we have an emergency between now and the end of the season.

Thank you

(b) (6),
Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office (b) (6), (b) (7)(C)
Mobile (b) (6), (b) (7)(C)
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From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 10:31 AM
To: (b) (6), (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

(b) (5)
(b) (5)
(b) (5)

From: (b) (6)
Sent: Tuesday, August 05, 2014 11:13 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

(b) (5)

(b) (6) PE CCP PMP

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(b) (6) Desk
(b) (6) Cell
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From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 11:15 AM
To: (b) (6), (b) (7)(C), (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

Two issues:

1. (b) (5)
2. Additional funding to remove a debris in the 5 washes.

Thank you

(b) (6),
Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office (b) (6), (b) (7)(C)
Mobile (b) (6), (b) (7)(C)
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From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 9:37 AM
To: (b) (6), (b) (6), (b) (7)(C), (b) (6)
Subject: RE: Estimates to clean 4 washes in Nogales

(b) (5)

From: (b) (6)
Sent: Monday, August 04, 2014 6:31 PM
To: (b) (6), (b) (7)(C), (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

(b) (5)

(b) (6) PE CCP PMP

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McLean, VA 22102 7806

(b) (6) Desk
(b) (6) Cell

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From: (b) (6), (b) (7)(C)
Sent: Sunday, August 03, 2014 7:29 AM
To: (b) (6)
Cc: (b) (6)
Subject: New Est matts to clean 4 washes in Nogales

I don't know the pressure but there is 5 feet in several of them. Can't predict rains in monsoons but the season officially ends 30 Sep so I would expect to get more rains.
Thank You (b) (6), PM/COR TI Division Office (b) (6), (b) (7) Mobile (b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6)
Sent: Sunday, August 03, 2014 10:29 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: Re: Est matts to clean 4 washes in Nogales

Ok. Now I see the pictures. Several question what is the weather prediction for Tucson? Do we know how much pressure is now against the fence?

Sent from my iPhone

On Aug 1, 2014 at 14:10 (b) (6), (b) (7)(C) wrote:

Sir These are estimates to remove debris out of 4 washes in the Nogales aor. Monsoon season isn't over and we may have to return to remove debris again. The CLIN for Tucson after allocation was for (b) (4) of this amount we have been invoiced (b) (4) leaving a balance of (b) (4). Requests to remove debris during monsoon season have never occurred in the past. We have always waited until after the rains are done to remove debris. That's why I was requesting additional funds dropped prior to 30 Sep the end of monsoon season. My assumption is due to the fence failing no one is taking chances on another fence collapse. There are more statistics entering debris removal requests I was informed. I think the question needs to be asked to a SME if all the gates were opened will the debris flush itself out. If that can be answered as a yes, then we wouldn't need to clean them out. I don't know the risks because we have never opened the gates. I do know we haven't had major flooding in the Ajo area since they started opening their gates after that fence collapsed. But they open theirs before the rains and prior to debris build up. Unsure how the water will react with debris behind them now. Pictures of two of the washes with debris are attached.

Tucson Sector Work Plan (Government)														
CLIN 5 Vegetation/Debris														
Work Elements	Damage Extent	Unit of Measure	Quantity	Estimated Cost (\$K) Rollup	Cost Breakout by Activity						Location		Estimated Dates	
					Work Hr Cost	Travel Hr Cost	Equipment	Mobilization	Materials	Unitemized	Latitude	Longitude	Start	End
Urgent														
	WO 3058: Remove 1.0 CY of material south of the fence. Dispose of materials at Sierra Vista Landfill.	Day	10											
	PMO Cost	Lump Sum	1											
Subtotal														
	WO 3083: Remove Debris	Lump Sum	1											
	PMO Cost	Lump Sum	1											
Subtotal														
	WO 308 : Remove Debris	Lump Sum	1											
	PMO Cost	Lump Sum	1											
Subtotal														
	WO 3086: Remove Debris	Day	10											
	PMO Cost	Lump Sum	1											
Subtotal														
	WO 307 : Remove Debris	Lump Sum	1											
	PMO Cost	Lump Sum	1											
Subtotal														
otal Urgent														
otal CLIN														

Thank you

(b) (6)
Program Manager/COR TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office (b) (6), (b) (7)
Mobile (b) (6), (b) (7)
(b) (6), (b) (7)(C)

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(b) (7)(E).jpg>
(b) (7)(E).5R.jpg>

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C), (b) (6), (b) (7)(C), (b) (6)
Subject: RE: Est mates to clean 4 washes in Nogales
Date: Tuesday, August 05, 2014 2:55:25 PM

Ok. We can do that. If you can get them on the phone. I got OBP to take on their end.

Does this help?

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 2:54 PM
To: (b) (6), (b) (7)(C), (b) (6), (b) (7)(C), (b) (6)
Subject: RE: Est mates to clean 4 washes in Nogales

(b) (7)(E), (b) (5)

Thank you

(b) (6)

Program Manager/COR TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office (b) (6), (b) (7)
Mobile (b) (6), (b) (7)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 11:51 AM
To: (b) (6), (b) (7)(C), (b) (6), (b) (6), (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

Agree. (b) (6), (b) (7)(C) makes a good point. (b) (5)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 2:22 PM
To: (b) (6), (b) (6), (b) (6), (b) (7)(C)
Subject: RE: Est mates to clean 4 washes in Nogales

(b) (5)

(b) (5)

Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

From: (b) (6)
Sent: Tuesday, August 05, 2014 01:15 PM Eastern Standard Time
To: (b) (6), (b) (7)(C), (b) (6), (b) (7)(C), (b) (6), (b) (7)(C)
Subject: RE: Est mates to clean 4 washes in Nogales

(b) (5)

(b) (6) PE CCP PMP

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(b) (6) Desk
(b) (6) Cell

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 11:18 AM
To: (b) (6), (b) (7)(C), (b) (6), (b) (6), (b) (6), (b) (7)(C)
Subject: RE: Est mates to clean 4 washes in Nogales

Two issues:

1. (b) (5)
2. Additional funding to remove all debris in the 5 washes.

Thank you

(b) (6)

Program Manager/COR TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office (b) (6), (b) (7)
Mobile (b) (6), (b) (7)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 05, 2014 3:37 AM
To: (b) (6), (b) (6), (b) (6), (b) (7)(C)
Subject: RE: Estimates to clean 4 washes in Nogales

(b) (5)

From: (b) (6)
Sent: Monday, August 04, 2014 6:31 PM
To: (b) (6), (b) (7)(C), (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Est mates to clean 4 washes in Nogales

(b) (5)

(b) (6) PE CCP PMP

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From: (b) (6), (b) (7)(C)
Sent: Sunday, August 03, 2014 7:29 PM
To: (b) (6)
Cc: (b) (6)
Subject: RE: Est mates to clean 4 washes in Nogales

I don't know the pressure but there is 5 feet in several of them. Can't predict rains in monsoons but the season officially ends 30 Sep so I would expect to get more rains.
Thank You (b) (6), PM/COR TI Division Office (b) (6), (b) (7) Mobile (b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)
Sent: Sunday, August 03, 2014 03:39 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: Est mates to clean 4 washes in Nogales

Ok. Now I see the pictures. Several question what is the weather prediction for Tucson? Do we know how much pressure is now against the fence?

Sent from my iPhone

On Aug 1 2014 at 14:10 (b) (6), (b) (7)(C) > wrote:

Sir These are estimates to remove debris out of 4 washes in the Nogales aor. Monsoon season isn't over and we may have to return to remove debris again. The CLIN for Tucson after allocation was for (b) (4) of this amount we have been invoiced (b) (4) leaving a balance of (b) (4). Requests to remove debris during monsoon season have never occurred in the past. We have always waited until after the rains are done to remove debris. That's why I was requesting additional funds dropped prior to 30 Sep the end of monsoon season. My assumption is due to the fence falling no one is taking chances on another fence collapse. There are more stations entering debris removal requests I was informed. I think the question needs to be asked to a SME if all the gates were opened will the debris flush itself out. If that can be answered as a yes, then we wouldn't need to clean them out. I don't know the risks because we have never opened the gates. I do know we haven't had major flooding in the Ajo area since they started opening their gates after that fence collapsed. But they open theirs before the rains and prior to debris building up. Unsure how the water will react with debris behind them now. Pictures of two of the washes with debris are attached.

ucson Sector Work Plan (Government)														
CLIN 5 Vegetation/Debris														
Work Elements	Damage Extent	Unit of Measure	Quantity	Estimated Cost (\$K) Rollup	Cost Breakout by Activity						Location		Estimated Dates	
					Work Hr Cost	Travel Hr Cost	Equipment	Mobilization	Materials	Unitemized	Latitude	Longitude	Start	End
Urgent														
	WO 3058: Remove 1 0 CY of material south of the fence. Dispose of materials at Sierra Vista Landfill.	Day	10											
	PMO Cost	Lump Sum	1											
Subtotal														
	WO 3083: Remove Debris	Lump Sum	1											
	PMO Cost	Lump Sum	1											
Subtotal														
	WO 308 : Remove Debris	Lump Sum	1											
	PMO Cost	Lump Sum	1											
Subtotal														
	WO 3086: Remove Debris	Day	10											
	PMO Cost	Lump Sum	1											
Subtotal														
	WO 307 : Remove Debris	Lump Sum	1											
	PMO Cost	Lump Sum	1											
Subtotal														
otal Urgent														
otal CLIN														

Thank you

(b) (6),
Program Manager/COR TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office (b) (6), (b) (7)
Mobile (b) (6), (b) (7)
(b) (6), (b) (7)(C)
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<Kimmer Wash.jpg>
<Smugglers5ft.jpg>

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: (b) (7)(E) Site Walk 3051
Date: Wednesday, August 06, 2014 12:25:01 PM

10-4

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 09:16 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
(b) (6)
Subject: Re: (b) (7)(E) Site Walk 3051

Excellent. Ok. Let's set up a quick Tuesday and Thursday update on progress.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 10:56 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
(b) (6)
Subject: RE: (b) (7)(E) Site Walk 3051

Mitigation is in place. BTW I meant to say below that It does NOT impact the work or the border.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 6:06 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: (b) (7)(E) Site Walk 3051

Ok. So mitigation in place, right.

From: (b) (6), (b) (7)(C).

Sent: Wednesday, August 06, 2014 08:52 AM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)

<dstinson@lmi.org>

Subject: Re: (b) (7)(E) Site Walk 3051

The TVB is going to the North around the work site it is there to keep vehicles from crossing. It does impact the work or the border.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 06, 2014 03:55 AM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)

(b) (6)

Subject: Re: (b) (7)(E) Site Walk 3051

Good questions and good coordination.

I would to have a Tuesday and Thursday update so we can provide to OBP and Leadership.

Presume with questions answered we start today.

Thanks.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 05, 2014 09:20 PM

To: (b) (6), (b) (7)(C); (b) (6)

(b) (6), (b) (7)(C)

Subject: FW: (b) (7)(E) Site Walk 3051

(b) (6), (b) (7)(C) -FYI. (b) (5)

(b) (6), (b) (7)(C) -are you planning to install the TVB essentially on the border? Will there be sufficient "free" footprint to allow the contractor to do his work? I'm now wondering if the TVB is even feasible?

From: (b) (6), (b) (7)(C).

Sent: Tuesday, August 05, 2014 9:08 PM

To: (b) (6)

Cc: (b) (6); (b) (6), (b) (7)(C);

(b) (6), (b) (7)(C)

Subject: Re: (b) (7)(E) Site Walk 3051

(b) (6) begin mobilization. I don't see anything here we can't work out tomorrow. Distance we have south of fence is 3 feet, lay down and staging area is the same area WG fabricated rails, debris can only be removed 3 feet south of fence, I will have station remove puck locks panels you need when the day comes you request this, on the call it was stated you had all as-builts and drawings. Specify what you are missing so I can provide and who said they can photograph and provide them to you so

I can follow-up and get these for you. Proceed with scope and execution stated below and look forward to seeing re-base lined schedule and estimate tomorrow.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6)
Sent: Tuesday, August 05, 2014 05:10 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: (b) (7)(E) Site Walk 3051

(b) (6), (b) (7)(C)

We conducted the site walk for the (b) (7)(E) WO3051:

Observations and Action Items:

- Ground conditions and access to the work site
 - Immediate ground area is dry and stable to start demo and debris removal
 - Access routes are dry as well
 - Cerrudo agreed that the site was drained and stable enough to begin demo and debris removal
- International Boundary Location (Action Item CBP)
 - Need verification of International Boundary, distance to fence to determine
 - Foundation excavation area
 - Determine Excavation slope 1:1 or Shoring if inadequate distance
 - Access to remove debris south side of fence
 - CBP stated that they would verify boundary
- Laydown and Staging area (Action Item CBP)
 - Laydown adjacent to the drainage wash availability
 - Same area the wage grades used to fabricate barriers
 - CBP stated they would verify availability for use
- Removal of Puck Locks (Action Item CBP)
 - Remaining standing panels need puck locks removed prior to demo
 - Gates with locks 6 total
 - CBP stated they will remove the locks
- As Built drawings of fence and foundation (Action Item CBP or (b) (6))
 - Need foundation details to determine cross sectional area and depth
 - CBP stated that they could photograph the drawings and email to COR

Execution of Demolition and Debris Removal:

- Cerrudo stated that they could begin work immediately upon notification (5 Days to perform effort)
 - Mobilize Equipment and personnel (1 day)

- Demo and debris removal concurrent (4 days)
 - Removal of downed fence sections
 - Cut and remove standing sections
 - Move panels to staging point for
 - Inspection
 - Demo and harvest of useable materials
 - Clear debris
 - Soil and debris North Side of Fence
 - Soil and debris South side of Fence
 - “Dependent of Boundary Location”
- Placement of Barriers
 - Barriers have been completed and are on site
 - Placement across the basin and wash perpendicular to the fence is an option
 - CBP agreed with placement plan

Rebase Line Estimates and Schedules: “Cerrudo is working the revisions with an expected completion this evening”

- Cerrudo is developing revised estimates and schedules for the following
 - Option 1, work week consisting of 5 days
 - Remove fabrication of TVB
 - No impact to schedule duration just remove ID line items
 - Option 2, extended hours and work days 6 days a week
 - Increase man hours
 - Decreases duration
 - Increase operation cost
- KBR estimating will compile the changes tonight upon receipt from Cerrudo

Respectfully,

(b) (6)

(b) (6)
Site Manager – CTIMR

KBR

Tucson, Arizona

e-mail : **(b) (6)**

Cell: **(b) (6)**

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From: (b) (6)
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Subject: RE: Cost savings
Date: Wednesday, August 06, 2014 8:11:39 PM

(b) (5)

(b) (6), PE, CCP, PMP

2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) Desk
(b) (6) Cell

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www.lmi.org

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 12:52 PM
To: (b) (6), (b) (7)(C); (b) (6)
Subject: Re: Cost savings

Copy

Thank You,

Division

(b) (6), (b) (7)(C)

Office (b) (6), (b) (7)(C)

PM/COR, TI
Mobile (b) (6), (b) (7)(C)

Sent from my blackberry

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 09:51 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: Cost savings

(b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 12:48 PM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: Cost savings

Copy, (b) (5), (b) (6)

Thank You,

Division

(b) (6), (b) (7)(C)

Office (b) (6), (b) (7)(C)

PM/COR, TI
Mobile: (b) (6), (b) (7)(C)

Sent from my blackberry

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 09:45 AM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: Cost savings

Works. Press.

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 12:23 PM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: Cost savings

(b) (5)

Thoughts?

Thank You,
Division

(b) (6), (b) (7)(C)

Office (b) (6), (b) (7)(C)

Sent from my blackberry

PM/COR, TI
Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE (b) (7)(E) Site Walk 3051
Date: Wednesday, August 06, 2014 3:33:21 PM

It is they already looked at it. They just said it would be better to have more. ☺

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 12:24 PM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: Re: (b) (7)(E) Site Walk 3051

10-4. Thanks (b) (6), (b) (7)(C) Hopefully the current space will be sufficient.

(b) (6), (b) (7)(C), PMP
Program Manager for Projects and Milcon
BPFTI PMO FM&E
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Sent via Blackberry

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 03:21 PM Eastern Standard Time
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Site Walk 3051

No we are good. Just thought it wouldn't hurt to ask. Thanks for looking into this. ☺

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 06, 2014 12:20 PM

To: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)

Subject: Re: (b) (7)(E) Site Walk 3051

(b) (6), (b) (7)(C)

I spoke to (b) (6), (b) (7)(C) on the topic and we are in concurrence that the contractor should use the 3 foot offset from Mexico as the boundary as originally used for the NGL Fence replacement project. IBWC will not be staking the border for us as assumed by the contractor (Unless the contractor has spoken to someone?).

Do you need any material from Fabens?

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP
Program Manager for Projects and Milcon
BPFTI PMO FM&E
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Sent via Blackberry

From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 06, 2014 03:09 PM Eastern Standard Time

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
ANDERSON, ABEL

Subject: RE: (b) (7)(E) Site Walk 3051

The TVB is not an issue but the contractor is very tight on room in getting the footing built. If we can get some breathing room to work while placing the footing that would greatly help. Also we can remove some of the debris from the south side as well if we can get that authorized.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office (b) (6), (b) (7)(C)
Mobile (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 05, 2014 6:21 PM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: FW: (b) (7)(E) Site Walk 3051

(b) (6), (b) (7)(C) -FYI. (b) (5)

(b) (6), (b) (7)(C) (b) (5)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 05, 2014 9:08 PM

To: (b) (6)

Cc: (b) (6); (b) (6), (b) (7)(C);

(b) (6), (b) (7)(C)

Subject: Re: (b) (7)(E) Site Walk 3051

(b) (6), (b) (7)(C) begin mobilization. I don't see anything here we can't work out tomorrow. Distance we have south of fence is 3 feet, lay down and staging area is the same area WG fabricated rails, debris can only be removed 3 feet south of fence, I will have station remove puck locks panels you need when

the day comes you request this, on the call it was stated you had all as-builts and drawings. Specify what you are missing so I can provide and who said they can photograph and provide them to you so I can follow-up and get these for you. Proceed with scope and execution stated below and look forward to seeing re-base lined schedule and estimate tomorrow.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6)
Sent: Tuesday, August 05, 2014 05:10 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: (b) (7)(E) Site Walk 3051

(b) (6), (b) (7)(E)

We conducted the site walk for the (b) (7)(E) WO3051:

Observations and Action Items:

- Ground conditions and access to the work site
 - Immediate ground area is dry and stable to start demo and debris removal
 - Access routes are dry as well
 - Cerrudo agreed that the site was drained and stable enough to begin demo and debris removal
- International Boundary Location (Action Item CBP)
 - Need verification of International Boundary, distance to fence to determine
 - Foundation excavation area
 - Determine Excavation slope 1:1 or Shoring if inadequate distance
 - Access to remove debris south side of fence
 - CBP stated that they would verify boundary
- Laydown and Staging area (Action Item CBP)
 - Laydown adjacent to the drainage wash availability
 - Same area the wage grades used to fabricate barriers
 - CBP stated they would verify availability for use
- Removal of Puck Locks (Action Item CBP)
 - Remaining standing panels need puck locks removed prior to demo
 - Gates with locks 6 total
 - CBP stated they will remove the locks
- As Built drawings of fence and foundation (Action Item CBP or (b) (6))
 - Need foundation details to determine cross sectional area and depth
 - CBP stated that they could photograph the drawings and email to COR

Execution of Demolition and Debris Removal:

- Cerrudo stated that they could begin work immediately upon notification (5 Days to

perform effort)

- Mobilize Equipment and personnel (1 day)
- Demo and debris removal concurrent (4 days)
 - Removal of downed fence sections
 - Cut and remove standing sections
 - Move panels to staging point for
 - Inspection
 - Demo and harvest of useable materials
 - Clear debris
 - Soil and debris North Side of Fence
 - Soil and debris South side of Fence
 - “Dependent of Boundary Location”
- Placement of Barriers
 - Barriers have been completed and are on site
 - Placement across the basin and wash perpendicular to the fence is an option
 - CBP agreed with placement plan

Rebase Line Estimates and Schedules: “Cerrudo is working the revisions with an expected completion this evening”

- Cerrudo is developing revised estimates and schedules for the following
 - Option 1, work week consisting of 5 days
 - Remove fabrication of TVB
 - No impact to schedule duration just remove ID line items
 - Option 2, extended hours and work days 6 days a week
 - Increase man hours
 - Decreases duration
 - Increase operation cost
- KBR estimating will compile the changes tonight upon receipt from Cerrudo

Respectfully,

(b) (6)

(b) (6)

Site Manager – CTIMR

KBR

Tucson, Arizona

e-mail : (b) (6)

Cell (b) (6)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6)
Subject: RE: (b) (7)(E) Site Walk 3051
Date: Thursday, August 07, 2014 7:35:27 AM

Are we having a call this morning?

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 3:32 PM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: RE: (b) (7)(E) Site Walk 3051

Sir, we have morning tag up and KBR provides updates then. It is at 0830 AZ time. If that doesn't work for you, I'll set up an e-vite for a separate call.

Thank you,

(b) (6), (b) (7)(C)
Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 9:17 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: (b) (7)(E) Site Walk 3051

Excellent. Ok. Let's set up a quick Tuesday and Thursday update on progress.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 10:56 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
(b) (6)
Subject: RE: (b) (7)(E) Site Walk 3051

Mitigation is in place. BTW I meant to say below that It does NOT impact the work or the border.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 6:06 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: (b) (7)(E) Site Walk 3051

Ok. So mitigation in place, right.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 08:52 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
(b) (6)
Subject: Re: (b) (7)(E) Site Walk 3051

The TVB is going to the North around the work site it is there to keep vehicles from crossing. It does impact the work or the border.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 03:55 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
<(b) (6)>
Subject: Re: (b) (7)(E) Site Walk 3051

Good questions and good coordination.

I would have a Tuesday and Thursday update so we can provide to OBP and Leadership.

Presume with questions answered we start today.

Thanks.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 05, 2014 09:20 PM

To: (b) (6), (b) (7)(C); (b) (6)

(b) (6), (b) (7)(C)

Subject: FW: (b) (7)(E) Site Walk 3051

(b) (6), (b) (7)(C) -FYI: (b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) (b) (5)

(b) (6), (b) (7)(C) ?

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 05, 2014 9:08 PM

To: (b) (6)

Cc: (b) (6) (b) (6); (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: Re: (b) (7)(E) Site Walk 3051

(b) (6) begin mobilization. I don't see anything here we can't work out tomorrow. Distance we have south of fence is 3 feet, lay down and staging area is the same area WG fabricated rails, debris can only be removed 3 feet south of fence, I will have station remove puck locks panels you need when the day comes you request this, on the call it was stated you had all as-builts and drawings. Specify what you are missing so I can provide and who said they can photograph and provide them to you so I can follow-up and get these for you. Proceed with scope and execution stated below and look forward to seeing re-base lined schedule and estimate tomorrow.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6)]

Sent: Tuesday, August 05, 2014 05:10 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: (b) (7)(E) Site Walk 3051

(b) (6), (b) (7)(C)

We conducted the site walk for the (b) (7)(E) WO3051:

Observations and Action Items:

- Ground conditions and access to the work site
 - Immediate ground area is dry and stable to start demo and debris removal
 - Access routes are dry as well
 - Cerrudo agreed that the site was drained and stable enough to begin demo and debris removal
- International Boundary Location (Action Item CBP)

- Need verification of International Boundary, distance to fence to determine
 - Foundation excavation area
 - Determine Excavation slope 1:1 or Shoring if inadequate distance
 - Access to remove debris south side of fence
 - CBP stated that they would verify boundary
- Laydown and Staging area (Action Item CBP)
 - Laydown adjacent to the drainage wash availability
 - Same area the wage grades used to fabricate barriers
 - CBP stated they would verify availability for use
- Removal of Puck Locks (Action Item CBP)
 - Remaining standing panels need puck locks removed prior to demo
 - Gates with locks 6 total
 - CBP stated they will remove the locks
- As Built drawings of fence and foundation (Action Item CBP or (b) (6))
 - Need foundation details to determine cross sectional area and depth
 - CBP stated that they could photograph the drawings and email to COR

Execution of Demolition and Debris Removal:

- Cerrudo stated that they could begin work immediately upon notification (5 Days to perform effort)
 - Mobilize Equipment and personnel (1 day)
 - Demo and debris removal concurrent (4 days)
 - Removal of downed fence sections
 - Cut and remove standing sections
 - Move panels to staging point for
 - Inspection
 - Demo and harvest of useable materials
 - Clear debris
 - Soil and debris North Side of Fence
 - Soil and debris South side of Fence
 - “Dependent of Boundary Location”
- Placement of Barriers
 - Barriers have been completed and are on site
 - Placement across the basin and wash perpendicular to the fence is an option
 - CBP agreed with placement plan

Rebase Line Estimates and Schedules: “Cerrudo is working the revisions with an expected completion this evening”

- Cerrudo is developing revised estimates and schedules for the following
 - Option 1, work week consisting of 5 days
 - Remove fabrication of TVB
 - No impact to schedule duration just remove ID line items

- Option 2, extended hours and work days 6 days a week
 - Increase man hours
 - Decreases duration
 - Increase operation cost
- KBR estimating will compile the changes tonight upon receipt from Cerrudo

Respectfully,

(b) (6)

(b) (6)

Site Manager – CTIMR

KBR

Tucson, Arizona

e-mail (b) (6)

Cell: (b) (6)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: (b) (7)(E) Site Walk 3051
Date: Thursday, August 07, 2014 8:23:54 AM

Yes. For this afternoon. I'll send invite.

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 07, 2014 08:06 AM
To: (b) (6), (b) (7)(C); (b) (6)
(b) (6) >
Subject: RE: (b) (7)(E) Site Walk 3051

OK-do you want me to call in? I don't appear to have an invite.

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 07, 2014 7:46 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: (b) (7)(E) Site Walk 3051

I saw it from 3 to 4 pm today. No aware of an earlier meeting.

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 07, 2014 07:35 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
(b) (6)
Subject: RE: (b) (7)(E) Site Walk 3051

Are we having a call this morning?

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 06, 2014 3:32 PM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: RE: (b) (7)(E) Site Walk 3051

Sir, we have morning tag up and KBR provides updates then. It is at 0830 AZ time. If that doesn't work for you, I'll set up an e-vite for a separate call.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 06, 2014 9:17 AM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)

Subject: Re: (b) (7)(E) Site Walk 3051

Excellent. Ok. Let's set up a quick Tuesday and Thursday update on progress.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 06, 2014 10:56 AM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
(b) (6)

Subject: RE: (b) (7)(E) Site Walk 3051

Mitigation is in place. BTW I meant to say below that It does NOT impact the work or the border.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 06, 2014 6:06 AM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)

Subject: Re: (b) (7)(E) Site Walk 3051

Ok. So mitigation in place, right.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 06, 2014 08:52 AM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
(b) (6) >
Subject: Re: (b) (7)(E) Site Walk 3051

The TVB is going to the North around the work site it is there to keep vehicles from crossing. It does impact the work or the border.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 06, 2014 03:55 AM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
(b) (6)

Subject: Re: (b) (7)(E) Site Walk 3051

Good questions and good coordination.

I would to have a Tuesday and Thursday update so we can provide to OBP and Leadership.

Presume with questions answered we start today.

Thanks.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 05, 2014 09:20 PM

To: (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C)

Subject: FW: (b) (7)(E) Site Walk 3051

(b) (6), (b) (7)(C) -FYI: (b) (5)

(b) (6), (b) (7)(C) (b) (5)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 05, 2014 9:08 PM

To: (b) (6)

Cc: (b) (6); (b) (6); (b) (6), (b) (7)(C);

(b) (6), (b) (7)(C)

Subject: Re: (b) (7)(E) Site Walk 3051

(b) (6) begin mobilization. I don't see anything here we can't work out tomorrow. Distance we have south of fence is 3 feet, lay down and staging area is the same area WG fabricated rails, debris can only be removed 3 feet south of fence, I will have station remove puck locks panels you need when the day comes you request this, on the call it was stated you had all as-builts and drawings. Specify what you are missing so I can provide and who said they can photograph and provide them to you so I can follow-up and get these for you. Proceed with scope and execution stated below and look forward to seeing re-base lined schedule and estimate tomorrow.

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6)
Sent: Tuesday, August 05, 2014 05:10 PM
To: (b) (6), (b) (7)(C).
Cc: (b) (6)
Subject: (b) (7)(E) Site Walk 3051

(b) (6), (b)

We conducted the site walk for the (b) (7)(E) WO3051:

Observations and Action Items:

- Ground conditions and access to the work site
 - Immediate ground area is dry and stable to start demo and debris removal
 - Access routes are dry as well
 - Cerrudo agreed that the site was drained and stable enough to begin demo and debris removal
- International Boundary Location (Action Item CBP)
 - Need verification of International Boundary, distance to fence to determine
 - Foundation excavation area
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- Removal of Puck Locks (Action Item CBP)
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 - Gates with locks 6 total
 - CBP stated they will remove the locks
- As Built drawings of fence and foundation (Action Item CBP or (b) (6))
 - Need foundation details to determine cross sectional area and depth
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Execution of Demolition and Debris Removal:

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 - Removal of downed fence sections
 - Cut and remove standing sections

- Move panels to staging point for
 - Inspection
 - Demo and harvest of useable materials
 - Clear debris
 - Soil and debris North Side of Fence
 - Soil and debris South side of Fence
 - “Dependent of Boundary Location”
- Placement of Barriers
 - Barriers have been completed and are on site
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Rebase Line Estimates and Schedules: “Cerrudo is working the revisions with an expected completion this evening”

- Cerrudo is developing revised estimates and schedules for the following
 - Option 1, work week consisting of 5 days
 - Remove fabrication of TVB
 - No impact to schedule duration just remove ID line items
 - Option 2, extended hours and work days 6 days a week
 - Increase man hours
 - Decreases duration
 - Increase operation cost
- KBR estimating will compile the changes tonight upon receipt from Cerrudo

Respectfully,

(b) (6)

(b) (6)
Site Manager – CTIMR

KBR

Tucson, Arizona

e-mail : (b) (6)

Cell: (b) (6)

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copies of this message.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Re: TCA_Fence Collapse Bollard thickness
Date: Thursday, August 07, 2014 12:33:35 PM

Concur
Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 07, 2014 12:32 PM Eastern Standard Time
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: TCA_Fence Collapse Bollard thickness

(b) (6), (b) (7)(C) (b) (5), (b) (7)(E)
[Redacted]
[Redacted]

Thank you,

(b) (6), (b) (7)(C)
Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C).
Sent: Wednesday, August 06, 2014 11:26 AM
To: (b) (6), (b) (7)(C) (b) (6); (b) (6), (b) (7)(C)
Subject: Fw: Images 3051 (b) (7)(E) Fence Failure Points 1 of 2
Importance: High

(b) (5)
[Redacted]
[Redacted]

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6)
Sent: Wednesday, August 06, 2014 11:00 AM
To: (b) (6), (b) (7)(C).
Cc: (b) (6)
Subject: Images 3051 (b) (7)(E) Fence Failure Points 1 of 2

(b) (6), (b) (7)(C)

I had the work crew verify wall thickness of the failed columns. They confirmed that it appears to be (b) (7)(E) I captured images on the site walk that we conducted on 8-5-2014 of all failure points that were visually available.

- See attached slide presentation, 35 images including tear outs, shears, racking and undermining of wash riprap.

- (b) (5)

- (b) (5)

- (b) (5), (b) (7)(E)

- (b) (5), (b) (7)(E)

- We'll be in the process of unearthing the downed panel sections, more to follow with status updates.

Respectfully,

(b) (6)

(b) (6)
Site Manager – CTIMR

KBR

Tucson, Arizona

e-mail : (b) (6)

Cell: (b) (6)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: RE: TCA_Collapsed Fence-Decisions on path forward on estimates and schedule
Date: Thursday, August 07, 2014 11:06:22 AM

(b) (6), (b) (7)(C)

Thanks. Today we make the final decision and we press forward.

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 07, 2014 10:49 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: TCA_Collapsed Fence-Decisions on path forward on estimates and schedule

Sirs,

I sent these to you in several emails the past few days and wanted to get all the documents in your inbox on one email that I have sent to you for discussion and approvals. Let me know when you want me to set up a call with KBR to provide them there path forward on this activity. It has the changes in removing the TVB and there are two of each.

One is regular schedule and the other is a compressed schedule. I need to give them one of these to proceed with.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C) (b) (6)
Subject: RE: TCA_Collapsed Fence-Decisions on path forward on estimates and schedule
Date: Thursday, August 07, 2014 10:50:49 AM

Set it up asap. Will want to get this decision soonest. Please include all in the email.

Thank you.

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 07, 2014 10:49 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C) (b) (6)
Subject: TCA_Collapsed Fence-Decisions on path forward on estimates and schedule

Sirs,

I sent these to you in several emails the past few days and wanted to get all the documents in your inbox on one email that I have sent to you for discussion and approvals. Let me know when you want me to set up a call with KBR to provide them there path forward on this activity. It has the changes in removing the TVB and there are two of each.

One is regular schedule and the other is a compressed schedule. I need to give them one of these to proceed with.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C) (b) (6)
Subject: Re: What??
Date: Friday, August 08, 2014 5:52:40 PM

I'm not familiar with this one. (b) (6)
Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Friday, August 08, 2014 05:41 PM Eastern Standard Time
To: (b) (6) (b) (6), (b) (7)(C)
Subject: Fw: What??

Really?

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Friday, August 08, 2014 03:58 PM
To: (b) (6), (b) (7)(C)
Subject: Re: What??

(b) (5) since it was so steep. I believe the distance is right at 500 feet. The cost for the dirt work is right at (b) (5) and the concrete is also (b) (5) We used CTIMR to perform the work in WP 10.

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R
Program Management Office
Facilities Management and Engineering
El Centro Sector

(b) (6), (b) (7)(C)(w)

(b) (6), (b) (7)(C)(cell)

(b) (6), (b) (7)(C)

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----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Friday, August 08, 2014 12:54 PM
To: (b) (6), (b) (7)(C)
Subject: What??

(b) (7)(E), Phase 2
· (b) (5) concrete every other day

Why so much concrete. How are we paying for this....?

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: RE: TCA_Fence Collapse Bollard thickness
Date: Thursday, August 07, 2014 12:34:43 PM

Thank you all.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Thursday, August 07, 2014 9:34 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: RE: TCA_Fence Collapse Bollard thickness

Ok. (b) (6), (b) (7)(C) you have what you need. Please proceed.

Thanks.

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 07, 2014 12:34 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Re: TCA_Fence Collapse Bollard thickness

Concur
Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 07, 2014 12:32 PM Eastern Standard Time
To: (b) (6), (b) (7)(C); (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: TCA_Fence Collapse Bollard thickness

(b) (6), (b) (7)(C) (b) (5), (b) (7)(E)

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 06, 2014 11:26 AM

To: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)

Subject: Fw: Images 3051 (b) (7)(E) Fence Failure Points 1 of 2

Importance: High

(b) (5)

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office (b) (6), (b) (7)(C) Mobile (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6)

Sent: Wednesday, August 06, 2014 11:00 AM

To: (b) (6)

Cc: (b) (6)

Subject: Images 3051 (b) (7)(E) Fence Failure Points 1 of 2

(b) (6), (b) (7)(C)

I had the work crew verify wall thickness of the failed columns. They confirmed that it appears to be (b) (7)(E) I captured images on the site walk that we conducted on 8-5-2014 of all failure points that were visually available.

- See attached slide presentation, 35 images including tear outs, shears, racking and undermining of wash riprap.

- (b) (5)

- (b) (5)

- (b) (5), (b) (7)(E)

- (b) (5), (b) (7)(E)

- We'll be in the process of unearthing the downed panel sections, more to follow with status updates.

Respectfully,

(b) (6)

(b) (6)

Site Manager – CTIMR

KBR

Tucson, Arizona

e-mail : (b) (6)

Cell: (b) (6)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: Fence Collapse Updates
Date: Wednesday, August 13, 2014 7:48:06 AM

LOOKING GOOD!

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 12, 2014 2:30 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C);
(b) (6); (b) (6), (b) (7)(C)
Subject: Fw: Fence Collapse Updates

Gents:

Update on (b) (7)(E) Fence.

Next update Thursday.

Regards,

(b) (6), (b) (7)(C)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 12, 2014 11:46 AM
To: (b) (6), (b) (7)(C)
Subject: Fence Collapse Updates

1. Fallen and defective panels have been removed and placed off to the side for dismantling and reconstruction.
2. Reconstruction will involve reusing all serviceable material from downed panels.
3. TVB has been placed in the open area and will be removed to allow work and replaced at the end of the day.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6)
Cc: (b) (6)
Subject: RE: (b) (7)(E) Secondary Fence Project
Date: Wednesday, January 28, 2015 1:17:38 PM

Need to submit a CR. Please work with (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6)
Sent: Wednesday, January 28, 2015 1:16 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: (b) (7)(E) Secondary Fence Project

(b) (6), (b) (7)(C) – This item came up after I left the site with (b) (6), (b) (7)(C) yesterday.

(b) (5)

This activity can be accomplished after the fence is essentially complete to minimize impacts to the published schedule.

(b) (6), PE, CCP, PMP

LMI

2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) Desk
(b) (6) Cell

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 28, 2015 12:15 PM
To: (b) (6)
Cc: (b) (6)
Subject: Fw: (b) (7)(E) Secondary Fence Project

Please explain..

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 28, 2015 12:13 PM
To: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Secondary Fence Project

(b) (6)

(b) (6), (b) (7)(C)

Tucson Sector Facility Manager, Facilities Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office
Facilities Management & Engineering

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 28, 2015 10:00 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Secondary Fence Project

Who is making the change to the requirements?

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 28, 2015 11:58 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Secondary Fence Project

I think it's way too early to push the schedule that far out. They are making very good progress with limited people on the ground. We have (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) on site 40 hours a week (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) are commuting from Tucson so we lose production to travel time. Starting next week we will have an EO on site 40 hours per week for at least 2 weeks (b) (5), (b) (6)

(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

I will be out there for sure on Monday and I will see where we are then. Let me get with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) after that visit and we will give you a much more accurate and achievable schedule.

V/R,

(b) (6), (b) (7)(C)

Tucson Sector Facility Manager, Facilities Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office
Facilities Management & Engineering

Office: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 28, 2015 9:22 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: (b) (7)(E) Secondary Fence Project

Gents:

See below. I asked (b) (6), (b) (7)(C) if he has consulted with (b) (6), (b) (7)(C)

(b) (5)

Thoughts??

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 28, 2015 10:23 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Subject: (b) (7)(E) Secondary Fence Project

I sat with the lead out at the site yesterday and now that he has over a week of work done he says due to the unknown work force from day-to-day, (b) (5)
(b) (5)
(b) (5). I'll work on the updated schedule today and get it in to you and (b) (6), (b) (7)(C) for review and submittal.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
(b) (6); (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6)
Subject: [EXTERNAL] LMI Monthly Task Order Contract Review
Attachments: [LMI F00191 Monthly Status 090817.xlsx](#)
[LMI F00440 Monthly Status 090817.xlsx](#)

All -

Attached are the spreadsheets for our call scheduled for 9:00 am (Pacific) / 12:00 pm (Eastern) on Friday.

(b) (6), (b) (7)(C)



LMI Task Order - Work Order Status
Facilities Interim CAX Planning Support

Contract No. GS00F0026M

Delivery Task Order No. HSBP1016F00191

Contract Amount: \$349,996.95

Period of Performance Start: 07/15/2016

Period of Performance End: 7/15/17

COR: (b)(6);(b)(7)(C)

Work Order (WO) #	Title / Location	WO \$ to Include Travel	Gov't POC (Name and #)	Contractor POC (Name and #)	Date Approved	Percentage Complete	Status / Comments:
1	ELC Calexico BPS Road and Parking Lot Burrowing Owl Survey	(b) (4)	(b)(6);(b)(7)(C)		10/04/16	100%	All work products have been submitted to BPAM. This WO is complete.
2	AMF Riverside Burrowing Owl Survey				10/04/16	100%	All work products have been submitted to BPAM. This WO is complete.
3	RGV MCS Parking Lease Phase 1 ESA and CR Survey				11/07/16	100%	All work products have been submitted to BPAM. This WO is complete.
4	AMF RMY Ponce Pier EA				11/28/16	45%	EA on hold until draft design provided by CBP and USACE. CBP is reviewing 35% design. Workign with CBP to update EA based on delays in review of 35% design. Attending bi-weekly update meetings.
Mod 1	AMF RMY Ponce Pier EA - Change in Project Schedule				04/28/17	0%	Waiting on design info from CBP as noted above.
Mod 2	AMF RMY Ponce Pier EA - Change in Project Schedule				07/18/17		Approved
5	ELC Old El Sector Hdqtrs Disposal Phase 1 ESA				03/07/17	95%	LMI Submitted final Phase I Report and Transaction Screen to CBP on 8/11/17. Awaiting acceptance.
6	AMF Riverside AMOC 8.3 Acre Temporary Parking Area Burrowing Owl Survey				03/09/17	100%	All work products have been submitted to BPAM. This WO is complete.
7	HLT Daaquam FOB Phase I ESA				04/20/17	100%	All work products have been submitted to BPAM. This WO is complete.
8	EPT STN Land Donation Phase I ESA				05/15/17	95%	LMI provided final Phase I Report to CBP on 8/23. LMI awaiting final acceptance of deliverable.
9	AMF RMY Ponce Underwater Arch Survey				07/07/17	75%	LMI submitted report to CBP on 8/28 and received comments on 9/6. LMI and subcontractor will finalize report and deliverables.
10	TCA NGL Soil Sampling				08/15/17	10%	Approved, subcontractor on contract, survey scheduled with CBP. CBP scheduling meeting to discuss coordinating the sampling.
11	ELC CAX Aeration						Cancelled.

\$ 312,926.38

NTE \$ 349,996.95
NTE Total \$ 349,996.95
Available \$ 37,070.57

LMI Task Order - Work Order Status Facilities Compliance Support							
Contract No. GS00F0026M Delivery Task Order No. HSBP1016F00440 Contract Amount: \$963,000				Period of Performance Start: 09/26/2016 Period of Performance End: 9/25/2017 COR: (b)(6)(b)(7)(C)			
Work Order (WO) #	Title / Location	WO \$ to Include Travel	Gov't POC (Name and #)	Contractor POC (Name and #)	Date Approved	Percentage Complete	Status / Comments:
1	PMO Wide SPCC Training	\$	(b) (4)(b)(6);(b)(7)(C)		10/25/16	100%	All work products have been submitted to BPAM. This WO is complete.
Mod 1	PMO Wide SPCC Training - Adobe Connect	\$			03/21/17	100%	All work products have been submitted to BPAM. This WO is complete.
2	DRT Compliance Equipment	\$			10/25/16	100%	All work products have been submitted to BPAM. This WO is complete.
3	DRT Waste Disposal	\$			11/01/16	100%	All work products have been submitted to BPAM. This WO is complete.
Mod 1	DRT Waste Disposal	\$			12/30/16	100%	All work products have been submitted to BPAM. This WO is complete.
4	TCA I-19 Checkpoint (A20313) Spill Waste Disposal	\$			03/27/17	100%	All work products have been submitted to BPAM. This WO is complete.
Mod 1	TCA I-19 Checkpoint (A20313) Spill Waste Disposal	\$			04/28/17	100%	All work products have been submitted to BPAM. This WO is complete.
5	TCA San Miguel FOB (A20156) Spill Cleanup	\$			03/31/17	95%	Subcontractor completed cleanup Tuesday June 13 and will return to pick up soil on 8/15. Testing revealed one contaminant so CBP requested an additional soil test.
Mod 1	TCA San Miguel FOB (A20156) Spill Cleanup	\$			07/21/17	90%	Subcontractor visited site on August 15 and confirmation testing returned negative. Close out letter will be provided within two weeks.
6	SDC Dairy Mart Yard Compound Phase I ESA				04/12/17	100%	All work products have been submitted to BPAM. This WO is complete.
7	SDC CERS Site Maps	\$			04/25/17	100%	All work products have been submitted to BPAM. This WO is complete.
Mod 1	SDC CERS Site Maps - creating sub maps	\$			06/21/17	100%	All work products have been submitted to BPAM. This WO is complete.
8	YUM Intel Unit Smoke Restoration	\$			05/10/17	100%	All work products have been submitted to BPAM. This WO is complete.
9	Compliance Equipment	\$			06/02/17	90%	99% of items have been delivered to facilities in the U.S. For the facilities in Puerto Rico and the Virgin Islands 60% shipped 20% delivered.
Mod 1	Environmental Compliance Equipment	\$			08/17/17	90%	All items have shipped to Tucson sector.
Mod 2	Environmental Compliance Equipment				Lisa Watts		LMI submitted cost estimate on 8/24 (b)(4), (b)(6) - awaiting approval decision from CBP.
10	PMO-Sustainability Training	\$			06/02/17	50%	Training content developed and approved. Trainings conducted/scheduled on September 6 10 and 14. LMI will provide recorded training attendance summary and certificates following all of the trainings. 60 attendees registered to date.
11	SDC IMB Mold Remediation	\$			06/30/17	90%	Mold remediation and all demo complete. Roof repaired as separate contract. Masonry grout repairs completed last week. Drywall installed this week (Sept. 8). Work remaining is: tape texture and paint. Closeout letter will be provided to CBP upon completion (completion by Sept. 20).
12	AMF GFN Grand Forks AFB Hanger 600 Asbestos Abatement						LMI submitted cost estimate on 8/29 (b)(4), (b)(6) - awaiting approval decision from CBP.
13	TCA CAG VMF Fuel Secondary Containment						LMI submitted cost estimate on 8/22 (b)(4), (b)(6) - awaiting approval decision from CBP.
14	SDC IB Checkpoint Chlorine Analyzer						8/30 - Cancelled
15	ELC CAX Aeration						8/15 - Req cost est; 8/15 - rec'd cost est (b)(4), (b)(6) pending receipt of other work orders
		\$	718 340.76				
NTE	\$	963 000.00					
NTE Total	\$	963 000.00					
Available	\$	244 659.24					

From: [Microsoft Outlook](#) on behalf of (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Meeting Forward Notification: (b) (7)(E) POAM presentation to Leadership

Your meeting was forwarded

(b) (6), (b) (7)(C) <mailto:(b) (6), (b) (7)(C)> has forwarded your meeting request to additional recipients.

Meeting
(b) (7)(E) POAM presentation to Leadership

Meeting Time
Tuesday, May 19, 2015 2:00 PM-3:00 PM.

Recipients
(b) (6) <mailto:(b) (6)>

All times listed are in the following time zone: (UTC-05:00) Eastern Time (US & Canada)

Sent by Microsoft Exchange Server 2010

From: [Microsoft Outlook](#) on behalf of (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Meeting Forward Notification: Schedule Review: Anapra Fence Replacement..

Your meeting was forwarded

(b) (6), (b) (7)(C) <mailto:(b) (6), (b) (7)(C)> has forwarded your meeting request to additional recipients.

Meeting
Schedule Review: Anapra Fence Replacement..

Meeting Time
Wednesday, May 06, 2015 2:00 PM-3:00 PM.

Recipients
(b) (6) <mailto:(b) (6)>

All times listed are in the following time zone: (UTC-05:00) Eastern Time (US & Canada)

Sent by Microsoft Exchange Server 2010

From: [Microsoft Outlook](#) on behalf of (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Meeting Forward Notification: OTIA MARCH PMR

Your meeting was forwarded

(b) (6), (b) (7)(C) <mailto:(b) (6), (b) (7)(C)> has forwarded your meeting request to additional recipients.

Meeting
OTIA MARCH PMR

Meeting Time
Monday, April 06, 2015 1:00 PM-3:00 PM.

Recipients
(b) (6) <mailto:(b) (6)>

All times listed are in the following time zone: (UTC-05:00) Eastern Time (US & Canada)

Sent by Microsoft Exchange Server 2010

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - (b) (6) - Apr 3
Date: Thursday, April 03, 2014 1:58:29 PM

I don't understand the question. Most of my work this week was in TCA in site visits with KBR and subcontractors to view locations identified in the work plan, discuss alternatives for remediation and develop estimates of costs for the 60-day work plan. The last bullet was for two projects in YUM for roadway construction to be performed by JTF-N in the future.

Next week there is a final walk through in ELC for the second deployment of military construction for Phase B of the (b) (7)(E) Road. There is a site visit planned for YUM in two weeks for the warranty inspection of the new fence section constructed at Andrade after the fence collapsed. We spoke about this site visit to YUM for the warranty inspection and decided that (b) (6), (b) (7)(C) could handle that since there was no other reason for me to be in YUM that week.

There was a final site walk performed at the SDC (b) (7)(E) Road on Friday March 28. That was led by USACE and I did not attend. I received pictures and all looks OK. I sent (b) (6), (b) (7)(C) a separate message indicating that I thought all looked OK and that I was hoping to visit the site next week while in SDC.

(b) (6), PE, CCE, PMP



2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) P
(b) (6) Cell

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From: (b) (6), (b) (7)(C)
Sent: Thursday, April 03, 2014 1:48 PM
To: (b) (6), (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report - (b) (6) - Apr 3

(b) (6)

I thought that construction was completed and a final walk through took place on 3/28/14.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Division Director, RE and ENV Services Division
Acting Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6)

Sent: Thursday, April 03, 2014 1:35 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Weekly Report - (b) (6) - Apr 3

I was on sick leave Friday.

1. Hot Issues – the issues I’m tracking include:

- (b) (7)(E) Road Project by ECSO
- (b) (7)(E) Road Improvements Project by military
- (b) (7)(E) Road Project by military
- UESC Projects
- (b) (7)(E)

2. Major Efforts

- I prepared for my trip to TCA by reviewing work plans and old documents pertaining to (b) (7)(E) and (b) (7)(E)
- I attended site visits to (b) (7)(E) and (b) (7)(E) Station AORs to provide definition to work requirements identified in the WA 2 60-day work plan. I worked with KBR and Cerrudo staff to evaluate alternatives for addressing the requirements identified in the work plan.
- I prepared PRD level estimate of costs for work in SDC.
- I coordinated with USACE designers for two road projects in YUM that are in design.

3. Good News

4. Concerns

5. Deliverables

(b) (6), PE, CCE, PMP



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McLean, VA 22102-7805

(b) (6) P
(b) (6) Cell

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From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - (b) (6) - Apr 3
Date: Thursday, April 03, 2014 1:35:09 PM

(b) (6)

1. Hot Issues – the issues I’m tracking include:

- (b) (7)(E) Road Project by ECSO
- (b) (7)(E) Road Improvements Project by military
- (b) (7)(E) Road Project by military
- UESC Projects
- (b) (7)(E)

2. Major Efforts

- I prepared for my trip to TCA by reviewing work plans and old documents pertaining to (b) (7)(E) and (b) (7)(E)
- I attended site visits to (b) (7)(E) and (b) (7)(E) Station AORs to provide definition to work requirements identified in the WA 2 60-day work plan. I worked with KBR and Cerrudo staff to evaluate alternatives for addressing the requirements identified in the work plan.
- I prepared PRD level estimate of costs for work in SDC.
- I coordinated with USACE designers for two road projects in YUM that are in design.

3. Good News

4. Concerns

5. Deliverables

(b) (6), PE, CCE, PMP



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McLean, VA 22102-7805

(b) (6) P
(b) (6) Cell

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From: (b) (6)
To: (b) (6), (b) (7)(C)
Subject: Weekly Report - (b) (6) - May 16
Date: Thursday, May 16, 2013 2:38:50 PM

1. Hot Issues – the issues I’m tracking include:

- (b) (7)(E) Road Project by SDC WG
- (b) (7)(E) Road Improvements Project by military
- (b) (7)(E) Road Improvements Project by military
- (b) (7)(E) Road Project by military
- (b) (7)(E) Road Improvements
- (b) (7)(E)

2. Major Efforts

- I worked with (b) (6), (b) (7)(C) to refine the estimate of costs for the M&R work in TCA.
- I began the high level review of the consolidated M&R cost estimates to maintain the total inventory of TI in preparation of review meeting with (b) (6), (b) (7)(C) (date TBD).
- I prepared comments and participated in the review conference for the 60% design submittal of the (b) (7)(E) Road Project.
- I performed research to prepare the next gap filler contract for YUM. I will be preparing the SOW and IGCE for this effort in YUM.
- (b) (6), (b) (7)(C) and I met numerous times throughout the week to discuss the most cost effective approach to maintaining aggregate roadways.
- I participated in routine conference calls and staff meetings.

3. Good News

4. Concerns

5. Deliverables

(b) (6), PE, CCE, PMP



2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) P

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Gates
Date: Tuesday, May 14, 2013 3:00:29 PM

(b) (6), (b) (7)(C)

Let's make it simple...

(b) (5), (b) (7)(E)

What do you think?

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 14, 2013 7:08 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Gates

(b) (6), (b) (7)(C)

(b) (5)

Please let me know if you agree. Attached is response, FYI.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (5)

. Please let me know if you need more detail and I can provide it.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, May 10, 2013 8:23 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Gates

I was talking about any or all of the (b) (7)(E) gates.

From: (b) (6), (b) (7)(C)

Sent: Thursday, May 09, 2013 8:01 AM

To: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Gates

Were you talking about (b) (7)(E) ?

From: (b) (6), (b) (7)(C)

Sent: Thursday, May 09, 2013 8:58 AM

To: (b) (6), (b) (7)(C)

Subject: O-4 Gates

(b) (6), (b) (7)(C) (b) (5), (b) (7)(E)

can't find the email. Can you re-send it? Thanks.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities
Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Fence
Date: Friday, May 17, 2013 8:18:23 AM

Good idea.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, May 17, 2013 8:18 AM
To: (b) (6); (b) (6), (b) (7)(C)
Subject: Re: Fence

Planning to do the mro brief next friday (I believe), maybe we could do it at that time Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

----- Original Message -----

From: (b) (6)
Sent: Friday, May 17, 2013 08:11 AM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence

(b) (6), (b) (7)(C)

Can you look at (b) (6), (b) (7) and (b) (6), (b) (7) calendar and set something up for us all?

(b) (6), PE, CCE, PMP

2000 Corporate Ridge
McLean, VA 22102-7805
(b) (6) P

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-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Friday, May 17, 2013 8:10 AM

To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence

Yes. Morning is better. I'll be out from 12pm to 3pm...

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6)
Sent: Friday, May 17, 2013 8:09 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence

I'm going to be downtown on Monday - can we find a time for everyone to get together then?

(b) (6), PE, CCE, PMP

2000 Corporate Ridge
McLean, VA 22102-7805
(b) (6) P

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, May 17, 2013 6:05 AM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Fw: Fence

Let's chat. Thanks.

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 16, 2013 05:31 PM
To: (b) (6), (b) (7)(C); (b) (6)
Subject: Fw: Fence

Fysa

----- Original Message -----

From: BORKOWSKI, MARK S
Sent: Monday, May 06, 2013 10:44 AM Eastern Standard Time
To: MCALEENAN, KEVIN K.
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence

(b) (5)

(b) (5)

(b) (5)

v/r,
Mark

-----Original Message-----

From: MCALEENAN, KEVIN K.
Sent: Sunday, May 05, 2013 9:52 PM
To: BORKOWSKI, MARK S
Subject: Fence

Hi Mark,

(b) (5)

KM

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)

Sent: Thursday, May 09, 2013 2:57 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: weekly

(b) (6), (b) (7)(C) Here is my weekly report. Everything in Red reflects change/updates.

Hot Issues:

None

2. Major Efforts:

- a. (b) (7)(E) Bridge: Obtained signed License agreement from (b) (7)(E). All cleanups have been completed and culverts relocated to Eagle Pass South. Working with City to obtain a permanent easement to construct a new crossing. Scheduled meeting is 7/27/12. Conducted site visit with (b) (6), (b) (7)(C) for Env. Assessment needed for re-construction efforts and schedule meeting with RE in DC next week to discuss time-line. RE/Env due by 12/31/12. Need Engineering /PRD development. I will be reaching out to (b) (6), (b) (7)(C) for assistance. Held discussion with (b) (6), (b) (7)(C) on 9/19/12 for the development of PRD and Engineering efforts needed and set date for completion. Held discussions with (b) (6), (b) (7)(C) on Weds. October 17th and working with PMO to complete PRD request and obtain funding for engineering design. Target date for new construction is early February. Telecom scheduled with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) on Monday Oct 29th. Held telecom on 11/19 to discuss path forward and wrap up PRD requirements. Development is in final stages. Designs are currently under review. Held a telecom with all parties on 12/18/12 to discuss final PDR. Made modifications and is under Tech review and awaiting signatures. Received sector concurrence on 1/7/13. Currently awaiting all signatures pending legal review (b) (5)

Scheduled Telecom for Friday 3/08/13. Re-wording PRD to reflect correct verbiage and re-route for approval and execution has been completed and re-submitted for funding approval on 3/26/13. Awaiting funding confirmation to proceed with modification to existing drawings since 3/26/13.

- b. Submitted designs for (b) (7)(E) boat Ramps to (b) (6), (b) (7)(C)
- c. Submitted request for Waterway permits to RE-(b) (6), (b) (7)(C) for (b) (7)(E) boat Ramps
- d. (b) (7)(E) stations have new requirements being assessed by BBT sector prior to vetting to OBP. Continue to assist BP personnel in how to properly write CTIMR request. BBT creating a new submittal on roads to OBP. Confirmed with sector CTIMR Area 3 Kick-off date 4/3 to 4/4/13. Discussed all aspects on CTIMR effect to M&R in BBT sector with TI Coordinator and A-Chief on 3/27/13. Conducted Site visit at L-1 5/02/13 with CTIMR Area 3 contractor.
- e. Big Bend Sector- held meeting with new BBT chief ((b) (6), (b) (7)(C)) on 4/30/13. Provided an update on CTIMR and necessary protocols to develop requirements.
- f. Big Bend National Park- Conducted Site visits on 5/03/13 with CTIMR Area 3 contractor and conducted road inspections. **Currently working Environmental and inner park IAA modifications to utilize CTIMR for future M&R roads located within the BBNP.**
- g. El Paso- covered 3/18 to 3/22/13. Site visit conducted at (b) (7)(E) inbound gate, (b) (6), (b) (7)(C) gate & (b) (6), (b) (7)(C) Gate. Cerrudo Services has sub-contracted gate modifications and is currently being monitored by (b) (6), (b) (7)(C) to assure Engineering Compliance.
- h. **Status of WA3 contractor deliverables:**

- Safety Plan: received on 5/03/13, Under review for acceptance
- Conducting daily tag up meetings
- Conducted meeting with DJI/UCC on 4/29/13 to discuss GWP and deliverables due from contractor: Safety Plan, set WP dates for the quarters & CWP#1 due date.
- Assisted DJI/UCC with inputting breach data into the system properly, due to WMS not allowing proper input of lat. /long.
- Working annual requirement cost against annual budget for CTIMR Area 3
- Requested CO approval of all E-verify/criminal background checks
- Provided CS with examples of certification letter for E-verify criminal checks and spreadsheet for inventory purchased: office equipment or any approved purchased.
- Completed approval for 80 breaches

3. Good News stories/Accomplishments:

- Primus is providing quality service for Del Rio Sector and they continue to improve daily

- All DRT work requirements are on or ahead of schedule for CWP#3
 - Continue to meet deadlines and schedules under CTIMR for Del Rio sector:
 - Continue to provide leadership and direction to Area 4 Pm's on CTIMR and requirements. Assumed Team Lead Status for Burn rate WA 4.
 - (b) (6), (b) (7)(C) has been very pro-active in achieving goals.
 - WG's actively engaged in all work requirements- currently gathering requirements from all stations within DRT, monitoring WG leave request & schedules, developing WG weekly work schedules, monitoring WG quality of work & proper machine maintenance, current task include repairs to operational roads. Verifying that BP has fully signed agreements with landowners and MFR's are in place prior to executing work with WG personnel. Wage Grade is completing 13 miles of roads/week and approximately 5miles of vegetation/week.
- CTIMR Area 3 contractor is fully engaged and continue to execute fence breach repairs since 4/19/13. Transition has been smooth without any gaps in service

4. Co

(b) (5), (b) (6)

(b) (5)

5. Deliverables:

- a. Continue to provide guidance when necessary to assist RGV in task description development and completing roads repair via chemical and identifying mechanical direction on remaining roads M&R. Ongoing
- b. Participate in all CTIMR daily tag up meetings for Area 3 & 4.
- c. Completed work schedules for WG personnel for 5/13 to 5/17/13 WP's.
- d. WG- continues to complete 13 miles of road repairs and mowed 6 acres of brush and cane along operational roads.
- e. Completed and submitted SSEB weekly update
- f. Continue to compile data, review plans and participate in all telecom's to set expectations and deliverables for CTIMR WA-3.
- g. Completed all WMS updates for CTIMR Area DRT
- h. Completed WMS deliverables for Work Area 3-approved all work request: total= 80 entries.
- i. Completed final inspections with CTIMR contractor on the following: M-1 Brush Clearing, (b) (7)(E), Bolt Replacement on P225 in DRT, gate maintenance in DRT, Vegetation M&R in DRT, 7.5 miles FC-3 roads @ (b) (7)(E).
- j. Completed all prioritization of DRT CTIMR task thru 12/31/13

Respectfully,

(b) (6), (b) (7)(C)

Program Manager / COR III

Del Rio & Big Bend Sectors

DHS/CBP

FM&E BPFTI-Tactical Infrastructure

Cell: (b) (6), (b) (7)(C)

Desk: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Additional information for (b) (6), (b) (7)(C) of possible future impact to facility construction.
Date: Thursday, January 02, 2014 1:37:27 PM

Thanks.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Thursday, January 02, 2014 1:37 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Additional information for (b) (6), (b) (7)(C) of possible future impact to facility construction.

I've reviewed this comparing it to the last laydown I have (which is over 1 year old) and there is one primary and one alternate site with potential impacts. I'll ask (b) (6), (b) (7)(C) for latest laydown and compare those sites.

(b) (6), (b) (7)(C), PMP
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, December 24, 2013 8:31 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Additional information for (b) (6), (b) (7)(C) of possible future impact to facility construction.

Thanks (b) (6), (b) (7)(C) has been managing the current effort. This is a good step forward - we were discussing on how best to engage "others" to allow for HQ visibility and develop roles/responsibilities with OIT and OBP.

(b) (6), (b) (7)(C) - please respond in this letter format for (b) (7)(E) impacts and TMRP roles/risks associated and discuss with sector prior to distribution.

This will help define our TMRP path forward.

(b) (6), (b) (7)(C)

Program Manager Lead TMRP
BPFTI PMO

From: (b) (6), (b) (7)(C)

Sent: Tuesday, December 24, 2013 05:08 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Additional information for (b) (6), (b) (7)(C) of possible future impact to facility construction.

Gents:

FYI...

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Monday, December 23, 2013 4:10 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Additional information for (b) (6), (b) (7)(C) of possible future impact to facility construction.

FYSA – The attachment speaks to the PF225 fence and (b) (7)(E) cameras.

This may/may not apply to your area. I am not certain, and as such forwarded to folks whom I believe have a need to know.

(b) (6), (b) (7)(C) | **US Border Patrol | Program Manager | OBP Facilities |**
 (b) (6), (b) (7)(C) |  (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Monday, December 23, 2013 4:00 PM

To: (b) (6), (b) (7)(C)

Subject: Additional information for (b) (6), (b) (7)(C) of possible future impact to facility construction.

Please forward as appropriate.

(b) (6), (b) (7)(C)

Assistant Chief Patrol Agent
Strategic Planning & Coordination Department
Operational Programs Division

Rio Grande Valley Sector Headquarters
4400 South Expressway 281
Edinburg, Texas 78542

(b) (6), (b) (7)(C) office

(b) (6), (b) (7)(C) cell

(b) (6), (b) (7)(C)

“What counts in life is not the mere fact that we have lived. It is what difference we have made to the lives of others that will determine the significance of the life we lead.”

**~Nelson Mandela (born 1918);
Former President Of South Africa~**

From: (b) (6)
To: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report for 07-25-13
Date: Monday, July 29, 2013 11:05:19 AM

I was aware of the big picture but did not know about the difficulties due to the construction.

(b) (6), PE, CCE, PMP



**2000 Corporate Ridge
McLean, VA 22102-7805**

(b) (6) P

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From: (b) (6), (b) (7)(C)
Sent: Monday, July 29, 2013 10:23 AM
To: (b) (6), (b) (7)(C); (b) (6)
Subject: FW: Weekly Report for 07-25-13

Where you all aware??

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Monday, July 29, 2013 10:20 AM
To: (b) (6), (b) (7)(C)
Subject: Re: Weekly Report for 07-25-13

(b) (6), (b) (7)(C)

Of course Sir I can clarify.

Due to the Mall construction our lighting system has no power. Temp power is being installed today via generator (on the construction company's dime). During the construction underground utilities have been re-aligned so we have had southside activity, the southside has been jumping the fence during night hours, excavating up our TI Lighting utilities and stealing the copper wire. This has happened several times during this Mall project so we (CBP, (b) (6) have been (b) (5) and (b) (5). Preventative maintenance from theft. We

engaged the BP to help with increasing presence to deter the southside.

As soon as power is connected (today) we shouldn't have any more theft of the lines during night operations; the lines will now be hot!

Respectfully,

(b) (6), (b) (7)(C)

Program Manager TI M/R
Program Management Office
Yuma and El Centro Sector
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing the Border patrols proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Monday, July 29, 2013 06:25 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Weekly Report for 07-25-13

Can I get a little clarification on lighting repair?

It is Cerrudo that is doing the work and what is the outcome?

Also, how is this impacted by the World Mall that is to go in that area??

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Thursday, July 25, 2013 6:32 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report for 07-25-13

(b) (6), (b) (7)(C)

As requested:

Respectfully,

(b) (6), (b) (7)(C)

*Program Manager T.I M/R
Program Management Office
Facilities Management and Engineering
Yuma & El Centro Sectors
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)*

Excel as a strategic partner enhancing the Border Patrols proud legacy.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: (b) (7)(E) Fence Closure Site Visit
Date: Thursday, August 08, 2013 3:55:18 PM

(b) (6), (b) (7)

We are scheduling a site visit for this project for 8 am on Tuesday, 27 August. Right now, (b) (6), (b) (7) and I plan to arrive in McAllen on Monday, 26 Aug on AA1781 at 2:15 pm. I believe (b) (6), (b) (7) is planning to leave McAllen on Tuesday on the 2:55 pm flight.

He wants to see some other things during the time between the site visit and when he needs to be at the airport, and there are some options including (b) (7)(E) MILCON road which will be complete the week before, (b) (7)(E) gates which have been a continuing issue, (b) (7)(E) river road, and/or some of the accepted Gates.

Please let me know what your plans are so I can be sure to be available, if needed, if you plan to stay longer.

(b) (6)

(b) (6), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities

Management and Engineering

Office: (b) (6)

Mobile: (b) (6)

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(b) (7)(E)



(b) (7)(E)



(b) (7)(E)



(b) (7)(E)



(b) (7)(E)



(b) (7)(E)



(b) (7)(E)

(b) (6)

Engineer
Granite
Arizona Region

On Jul 6, 2013, at 8:29 PM, "(b) (6)" > wrote:

Gentle (b) (7)(E)

Please submit one ASAP.

Thanks (b) (6), (b) (7)(C)

Message sent via my BlackBerry Wireless Device

From: (b) (6), (b) (7)(C)
Sent: Saturday, July 06, 2013 03:35 PM Central Standard Time
To: (b) (6), (b) (7)(C)
Subject: Fw: Fence blow out in (b) (7)(E) area wash.

(b) (7)(E)

(b) (6), (b) (7)(C) Program Manager/COR, O&M Division Office: (b) (6), (b) (7)(C) Mobile (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Saturday, July 06, 2013 01:45 PM Eastern Standard Time

To: (b) (6), (b) (7)(C)

Subject: Fence blow out in (b) (7)(E) area wash.

(b) (6), (b) (7)(C)

(b) (7)(E)

Thanks, (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, July 05, 2013 08:27 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Fw: Wash check.

(b) (6), (b) (7)(C),

Here are pics of damage that was caused today due to heavy rain.

(b) (7)(E)

From: (b) (6), (b) (7)(C)

Sent: Friday, July 05, 2013 07:22 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Wash check.

Sir, (b) (7)(E)

, please let me know if you need anything else.

(b) (6), (b) (7)(C)

Supervisory Border Patrol Agent

(b) (7)(E) Station

(b) (7)(E) Arizona

(o) (b) (6), (b) (7)(C)

(m) (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Proposed Itinerary, 27 Aug, RGV
Date: Friday, August 23, 2013 10:29:50 AM

Perfect! Thank you.

(b) (6), (b) (7)(C) please note that I would like to meet with (b) (6), (b) (7)(C) at 7:30am when he arrives for about 45 minutes.

Thank you.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6)
Sent: Friday, August 23, 2013 10:20 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Proposed Itinerary, 27 Aug, RGV

(b) (6), (b) (7)(C)

Here is a proposed itinerary:

0700 hrs – (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C) meet with WG employees at Sector

0900 hrs – FM&E and BP meet with IBWC & Irrigation District at (b) (7)(E) Station to develop new fence alignment & gate locations for PRD.

1000 hrs – Leave (b) (7)(E) for (b) (7)(E) Bridge

1030 hrs – Meet USACE at (b) (7)(E) Bridge and discuss grate maintenance and existing grate raising system. Also, discuss drag road maintenance on roads N & S of fence line in (b) (7)(E) (b) (7)(E)

1130 hrs – Lunch somewhere (I heard that all the Whataburgers closed in RGV, but that may just be a rumor)

1230 hrs – Visit (b) (7)(E) to discuss planning approach to (b) (7)(C) RGV boat ramps

1330 hrs – Visit a location with hardened camera boxes

1430 hrs – Meet at Sector w/ (b) (6), (b) (6), (b) (7)(C) to discuss the transition of Gates to training/operation and M&R

(b) (6), (b) (6), (b) (7)(C) will have a rental, as well (b) (6), (b) (7)(C) I'll be floating between vehicles as needed.

(b) (6), (b) (7)(C) will need to leave at some point to catch his 2:55 pm plane

The above times are WAGs and not overly precise.

Please let me know if anyone has comments or changes I need to make.

(b) (6)

(b) (6), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities
Management and Engineering

Office: **(b) (6)**

Mobile: **(b) (6)**

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Proposed Itinerary, 27 Aug, RGV
Date: Friday, August 23, 2013 11:58:52 AM

Looks good.
Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

From: (b) (6), (b) (7)(C)
Sent: Friday, August 23, 2013 10:20 AM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Proposed Itinerary, 27 Aug, RGV

(b) (6), (b) (7)(C)

Here is a proposed itinerary:

0700 hrs – (b) (6), (b) (7)(C) & (b) (6), (b) (7)(C) meet with WG employees at Sector

0900 hrs – FM&E and BP meet with IBWC & Irrigation District at (b) (7)(E) Station to develop new fence alignment & gate locations for PRD.

1000 hrs – Leave Penitas for (b) (7)(E) Bridge

1030 hrs – Meet USACE at (b) (7)(E) Bridge and discuss grate maintenance and existing grate raising system. Also, discuss drag road maintenance on roads N & S of fence line in (b) (7)(E))

1130 hrs – Lunch somewhere (I heard that all the Whataburgers closed in RGV, but that may just be a rumor)

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1330 hrs – Visit a location with hardened camera boxes

1430 hrs – Meet at Sector w/ (b) (6), (b) (7)(C) / (b) (6), (b) (7)(C) to discuss the transition of Gates to training/operation and M&R

(b) (6), (b) (7)(C) will have a rental, as well (b) (6), (b) (7)(C) I'll be floating between vehicles as needed.

(b) (6), (b) (7)(C) will need to leave at some point to catch his 2:55 pm plane

The above times are WAGs and not overly precise.

Please let me know if anyone has comments or changes I need to make.

(b) (6)

(b) (6), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities
Management and Engineering

Office: (b) (6)

Mobile: (b) (6)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: ENABLE Yuma Lights PRD_Additional Information
Date: Thursday, June 27, 2013 2:51:40 PM
Attachments: [LightingStudy.pdf](#)
[LED_maintenance_062513.pdf](#)
Importance: High

(b) (6), (b) (7)(C) – FYI attached is the information which was sent on Tuesday to (b) (6), (b) (7)(C) of which I have not received any questions or comments about.

(b) (6), (b) (7)(C), PMP, LEED AP
Program Manager Lead for TMRP
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C) (bberry)

(b) (6), (b) (7)(C)

“Excel as a trusted strategic partner enhancing Border Patrol's proud legacy”

From: (b) (6), (b) (7)(C)
Sent: Tuesday, June 25, 2013 1:25 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: RE: ENABLE Yuma Lights PRD_Additional Information
Importance: High

(b) (6), (b) (7)(C) – attached is a study from Dept VA regarding our proposed application for a LED retrofit at the Border Lighting YUM AOR.

After reading this study, my conclusions are the in line with Dept VA as noted below;

- Exterior LED luminaires are currently suited for parking lots and garages, and exterior egress lighting.

6.1 Life Cycle Performance

The life cycle analysis shows that the comparison between LED and conventional lighting systems is most sensitive to the differences in first cost between systems, and least sensitive to the cost of energy. In between is the cost of maintenance; and it is to be noted that the labor costs of maintenance outweigh the material cost of replacement lamps, ballasts, or LED modules.

Also – attached is a maintenance cost comparison over a 100,000 life of typical light fixtures and LED fixture (Versa 2 – pictured below).

the attached LED maintenance savings chart displays maintenance savings from;

1. No longer required to change individual lamps
2. No longer required to change out ballast due to LED technology
3. Extended lamp life due to LED technology

(b) (6), (b) (7)(C), PMP, LEED AP
Program Manager Lead for TMRP
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C) (bberry)

(b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
Sent: Monday, June 24, 2013 4:30 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: Re: ENABLE Yuma Lights PRD_Additional Information

10-4 standing by

From: (b) (6), (b) (7)(C)
Sent: Monday, June 24, 2013 07:33 AM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: ENABLE Yuma Lights PRD_Additional Information

(b) (6), (b) (7)(C)

Actual costs for repairs was (b) (4) from contract award of 30 Apr 2012 to today under CTIMR. I don't have a breakdown on the light repairs out of these numbers, but (b) (5) contacted the manufacturer of the LED lights and have some replacement and installation costs.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, June 18, 2013 9:58 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: ENABLE Yuma Lights PRD_Additional Information

(b) (6), (b) (7)(C)

That is good info for LEDs. Have you been able to obtain any general M&R cost info for comparison of the potential systems that could be installed?

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, June 13, 2013 12:34 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: ENABLE Yuma Lights PRD_Additional Information
Importance: High

(b) (6), (b) (7)(C)

As discussed, I reached back to (b) (6), (b) (7)(C) to assist in addressing your concerns in order to obtain Chief's signature on the attached PRD.

Attached is an Energy Saving Lighting Demo & Upgrade Proposal that even assisted me in understanding the topic to a fuller extent.

Below are some key points:

- On the evening of May 8th, 2012, representatives from (b)(3) (b)(3) conducted a night-time lighting demonstration along the Nogales, AZ. border fence, to show to the local border agents the performance difference between the existing 1,000 watt metal halide light fixtures versus the new 380 watt LED retrofit kits.
- LED's have an 80,000 hour+ life rating, they will last at least 18 years (at (b)(7)(E) on per day) thereby eliminating the need for regular bulb and ballast change-outs.
- Durability: (b) (4), (b) (3)

).

(b) (7)(E)

The entire study contain 8 pages of information on the LED lights vs. the current lights being used on the border. While this may not be the exact proposal we will obtain and implement at Yuma, it is an assumption that the new lighting will be similar.

Please let me know if this assists with the Chief's concerns. I am available to discuss as needed.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP

Program Manager Lead for Projects and Milcon

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

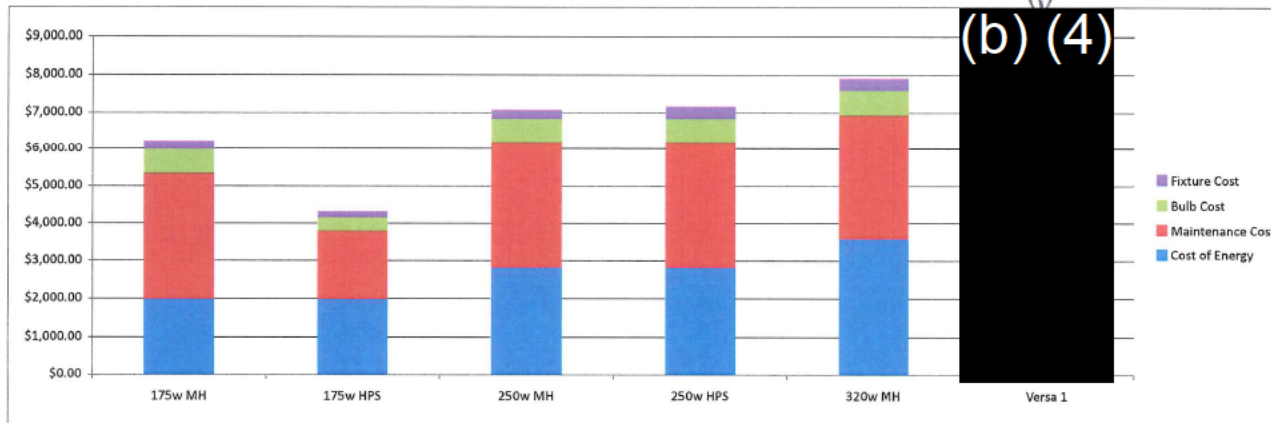
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

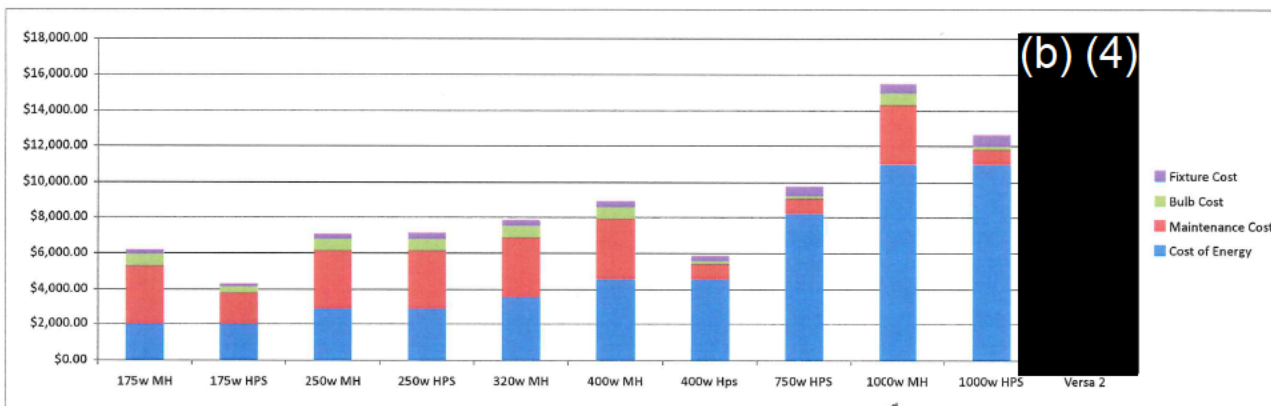
Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

Cost Analysis of Hybra LED versus Conventional Fixture over 100000 Life

	175w MH	175w HPS	250w MH	250w HPS	320w MH	Versa 1
Cost of Energy	\$2,000.00	\$2,000.00	\$2,850.00	\$2,850.00	\$3,600.00	(b) (4)
Maintenance Cost	\$3,333.33	\$1,818.18	\$3,333.33	\$3,333.33	\$3,333.33	(b) (4)
Bulb Cost	\$650.00	\$354.55	\$650.00	\$650.00	\$650.00	(b) (4)
Fixture Cost	\$240.00	\$150.00	\$250.00	\$325.00	\$310.00	(b) (4)
Total Cost	\$6,223.33	\$4,322.73	\$7,083.33	\$7,158.33	\$7,893.33	(b) (4)



	175w MH	175w HPS	250w MH	250w HPS	320w MH	400w MH	400w Hps	750w HPS	1000w MH	1000w HPS	Versa 2
Cost of Energy	\$2,000.00	\$2,000.00	\$2,850.00	\$2,850.00	\$3,600.00	\$4,600.00	\$4,600.00	\$8,250.00	\$11,000.00	\$11,000.00	(b) (4)
Maintenance Cost	\$3,333.33	\$1,818.18	\$3,333.33	\$3,333.33	\$3,333.33	\$3,333.33	\$833.33	\$833.33	\$3,333.33	\$833.33	(b) (4)
Bulb Cost	\$650.00	\$354.55	\$650.00	\$650.00	\$650.00	\$650.00	\$162.50	\$162.50	\$650.00	\$162.50	(b) (4)
Fixture Cost	\$240.00	\$150.00	\$250.00	\$325.00	\$310.00	\$360.00	\$285.00	\$510.00	\$515.00	\$639.00	(b) (4)
Total Cost	\$6,223.33	\$4,322.73	\$7,083.33	\$7,158.33	\$7,893.33	\$8,943.33	\$5,880.83	\$9,755.83	\$15,498.33	\$12,634.83	(b) (4)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Re: (b) (6) Gate Opening vs. (b) (7)(E) Gate
Date: Friday, August 30, 2013 7:57:56 PM

All good. Decision stands. Stay the course.

Thanks. Good meeting and good effort to keep consistent.

From: (b) (6), (b) (7)(C)
Sent: Friday, August 30, 2013 04:11 PM
To: (b) (6), (b) (7)(C)
Subject: RE: (b) (6) Gate Opening vs. (b) (7)(E) Gate

Sounds good. Thanks for responding.

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Friday, August 30, 2013 4:04 PM
To: (b) (6), (b) (7)(C)
Subject: Re: (b) (6) Gate Opening vs. (b) (7)(E) Gate

I'm ok deleting the closure from weston's work and having ctimr do it once all issues have been resolved

Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

From: (b) (6), (b) (7)(C)
Sent: Friday, August 30, 2013 03:50 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: FW: (b) (6) Gate Opening vs. (b) (7)(E) Gate

(b) (6), (b) (7)(C)

(b) (5), (b) (6)

(b) (5), (b) (6)

Also, (b) (6), (b) (7) just sent me a note that he spoke to (b) (6), and he does not want his ramp closed until the issues he's identified have been resolved. (b) (6), (b) (7) is standing by and hasn't advised Weston yet.

Please call ASAP if possible.

(b) (6), (b) (7)

From: (b) (6), (b) (7)(C)
Sent: Friday, August 30, 2013 3:03 PM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: (b) (6) Gate Opening vs. (b) (7)(E) Gate

(b) (6), (b) (7)(C),

Here is the takeaway from our call:

1. (b) (6), (b) (7) will notify (b) (6), (b) (7)(C) that we plan to delete the (b) (6) Gate Opening closure from their contract, and will negotiate a credit. This will prevent delays to Weston. USACE, BPFTI, OCC and Brownsville Station concurred in this action.
2. Continuing discussions will be held with (b) (6)
 - a. (b) (6), (b) (7) will report on the response from the (b) (6) attorney when he responds.
 - b. (b) (6), (b) (7) will talk to (b) (6) and schedule a meeting with (b) (6) & (b) (6) maybe Tuesday, to review his issues and identify possible resolutions.
3. RE will advise if we have the rights to allow (b) (6) to travel up (b) (7)(E) ramp, and along the IBWC levee, using the bypass road to get under the (b) (7)(E) bridge.
4. (b) (6), (b) (7)(C) will discuss with ECSO RE how normally approaches TXDOT for a driveway permit.
5. (b) (5), (b) (6)

Depending on the results of (b) (6), (b) (7) & (b) (6) discussions with (b) (6), we will generate other actions to satisfy valid concerns of (b) (6).

Please let me know if I missed anything.

(b) (6), (b) (7)

(b) (6), (b) (7)(C), PE, PMP
Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities
Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: ENABLE Yuma Lights PRD_Additional Information
Date: Tuesday, July 09, 2013 10:07:58 AM
Attachments: [LightingStudy.pdf](#)
[LED_maintenance_062513.pdf](#)
[BorderPatrolStudy.docx](#)

FYI....

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, July 09, 2013 10:07 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: ENABLE Yuma Lights PRD_Additional Information

(b) (6), (b) (7)(C)

The two below questions (#2 and #3) have been answered based on the attachments.

2) Description of potential power solutions from industry (BPFTI indicated lights will be LED)

(b) (5)
[Redacted]
[Redacted]
[Redacted]
[Redacted]

3) Annual M&R ROMs for those solutions (To compare with the current M&R)

The LED Maintenance document (second attachment) provides the information on the maintenance for LED. The current existing type is labeled vs. the LED Fixture.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Friday, July 05, 2013 9:37 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: ENABLE Yuma Lights PRD_Additional Information

(b) (6), (b) (7)(C)

I have seen the attached documents previously. BPFTI needs to provide answers to #2 and #3. Once that happens, I will brief Ops Division.

1) Current annual cost for lights

Appears to be (b) (4)

2) Description of potential power solutions from industry (BPFTI indicated lights will be LED)

3) Annual M&R ROMs for those solutions

(To compare with the current M&R)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, July 02, 2013 5:14 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: ENABLE Yuma Lights PRD_Additional Information

Importance: High

(b) (6), (b) (7)(C)

(b) (6), (b) (7) reached out to the supplier of the lights at the Nogales demonstration project (word document attached and previous provided). They provided an estimate to supply replacement lights in Nogales and the new lighting configuration in Yuma is exactly like what was demonstrated in Nogales – so the estimate to install lights in Nogales works precisely for this work in Yuma. (b) (3)

As previously stated, actual costs for repairs was (b) (4) from contract award of 30 Apr 2012 to today under CTIMR.

This this information and the two attachments from (b) (6), (b) (7) previously, I believe we have provided all the information we have to date. (b) (7)(E)

Please let me know if this information will enable us to move forward with signature on the PRD from OBP.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP

Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, June 25, 2013 4:25 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6); (b) (6), (b) (7)(C)

Subject: RE: ENABLE Yuma Lights PRD_Additional Information

Importance: High

(b) (6), (b) (7)(C) – attached is a study from Dept VA regarding our proposed application for a LED retrofit at the Border Lighting YUM AOR.

After reading this study, my conclusions are the in line with Dept VA as noted below;

- Exterior LED luminaires are currently suited for parking lots and garages, and exterior egress lighting.

6.1 Life Cycle Performance

The life cycle analysis shows that the comparison between LED and conventional lighting systems is most sensitive to the differences in first cost between systems, and least sensitive to the cost of energy. In between is the cost of maintenance; and it is to be noted that the labor costs of maintenance outweigh the material cost of replacement lamps, ballasts, or LED modules.

Also – attached is a maintenance cost comparison over a 100,000 life of typical light fixtures and LED fixture (Versa 2 – pictured below).

the attached LED maintenance savings chart displays maintenance savings from;

1. No longer required to change individual lamps
2. No longer required to change out ballast due to LED technology
3. Extended lamp life due to LED technology

(b) (6), (b) (7)(C), PMP, LEED AP

Program Manager Lead for TMRP
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C) (bberry)

(b) (6)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
Sent: Monday, June 24, 2013 4:30 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: Re: ENABLE Yuma Lights PRD_Additional Information

10-4 standing by

From: (b) (6), (b) (7)(C)
Sent: Monday, June 24, 2013 07:33 AM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: ENABLE Yuma Lights PRD_Additional Information

(b) (6), (b) (7)(C)

Actual costs for repairs was (b) (4) from contract award of 30 Apr 2012 to today under CTIMR. I don't have a breakdown on the light repairs out of these numbers, but (b) (6), (b) (7)(C) contacted the manufacturer of the LED lights and have some replacement and installation costs.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, June 18, 2013 9:58 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: ENABLE Yuma Lights PRD_Additional Information

(b) (6), (b) (7)(C)

That is good info for LEDs. Have you been able to obtain any general M&R cost info for comparison of the potential systems that could be installed?

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, June 13, 2013 12:34 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C).
Subject: ENABLE Yuma Lights PRD_Additional Information
Importance: High

(b) (6), (b) (7)(C)

As discussed, I reached back to (b) (6), (b) (7)(C) to assist in addressing your concerns in order to obtain Chief's signature on the attached PRD.

Attached is an Energy Saving Lighting Demo & Upgrade Proposal that even assisted me in understanding the topic to a fuller extent.

Below are some key points:

- On the evening of May 8th, 2012, representatives from (b)(3) (b)(3) conducted a night-time lighting demonstration along the Nogales, AZ. border fence, to show to the local border agents the performance difference between the existing 1,000 watt metal halide light fixtures versus the new 380 watt LED retrofit kits.
- LED's have an 80,000 hour+ life rating, they will last at least 18 years (at (b) (7)(E) on per day) thereby eliminating the need for regular bulb and ballast change-outs.
- Durability: (b) (4), (b) (3)

(b) (7)(E)

(b) (3)

The entire study contain 8 pages of information on the LED lights vs. the current lights being used on the border. While this may not be the exact proposal we will obtain and implement at Yuma, it is an assumption that the new lighting will be similar.

Please let me know if this assists with the Chief's concerns. I am available to discuss as needed.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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(b)(3)

(b)(3)

(b)(3)

(b)(3)

(b)(3)

(b)(3)

(b)(3)

(b)(3)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6), (b) (7)(C)
Subject: FW: 17 days of Hiatus..
Date: Monday, October 21, 2013 3:45:55 PM

(b) (6), (b) (7)(C)

Sorry, but I think I may not have sent this to you yet. My top 3:

1. RGV Gates Project - At the final critical stages of construction, was able to be proactive in significantly reducing the risk of delaying construction and losing rights to over (b) (5) in LD's.
 - a. I led discussions with USACE that led to significantly increased activity from the utility company.
 - b. I also led ongoing discussions that have clarified that having the government finish any remaining work that would otherwise delay the contractor, will carry very low risk to our warranty.
2. Provided a detailed engineering assessment of potential conflicts with TI for a Statement of Position to OCC that was required by 11 October, 2013. The Statement of Position addresses the Electronic Transmission Texas (ETT) proposed transmission lines in the RGV Sector. This preserved our rights to assure that the construction does not negatively impact the operation and maintenance of the TI in this area.
3. Developed engineering guidance for RGV Sector to address ponded areas on the north side fence line roads in Cameron County to support M&R work that is in the current Work Plan.

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, October 17, 2013 7:57 AM
To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Subject: 17 days of Hiatus..

Team:

I would like to report to our leadership the top three things from each of you that got done during our Hiatus and how it contributed to the Border Patrol Mission.

If you would provide for me by tomorrow morning the three significant issues or items that contributed to mission.

I would appreciate having those three issues or items by 12pm (EST).

Thank you.

From: (b) (6), (b) (7)(C)
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Re: few minor issues for (b) (7)(E) fence III (UNCLASSIFIED)
Date: Monday, November 05, 2012 7:33:16 PM

Sounds good

----- Original Message -----

From: (b) (6)
Sent: Monday, November 05, 2012 07:29 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: few minor issues for (b) (7)(E) fence III (UNCLASSIFIED)

(b) (6), (b) (7)(C)

(b) (5), (b) (6)

(b) (6) PE, CCE, PMP

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(b) (6), (b) (7)(C) P

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Monday, November 05, 2012 7:01 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Fw: few minor issues for (b) (7)(E) fence III (UNCLASSIFIED)

Please weigh in

----- Original Message -----

From: (b) (6)
Sent: Monday, November 05, 2012 06:53 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: FW: few minor issues for (b) (7)(E) fence III (UNCLASSIFIED)

(b) (5)

(b) (5), (b) (6)

?

(b) (6)

(b) (6)

Construction Representative

Tucson Resident Office

(b) (6) (Office)

(b) (6) (Cell)

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: few minor issues for (b) (7)(E) fence III (UNCLASSIFIED)
Date: Tuesday, November 06, 2012 7:16:49 AM

L O L.

"I forgot" doesn't work for me in my world and I do still have hair. :)

(b) (6)

From: (b) (6)
Sent: Tuesday, November 06, 2012 7:10 AM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Re: few minor issues for (b) (7)(E) fence III (UNCLASSIFIED)

Already told them to do it. (b) (5)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 06, 2012 06:43 AM
To: (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: few minor issues for (b) (7)(E) fence III (UNCLASSIFIED)

I concur w/ (b) (6), (b) (7) Also who knows how long (b) (6), (b) (7) will be in (b) (7)(E)
Thanks

(b) (6), (b) (7)

Sent from bb-please excuse typos, misspelled words, poor grammar, missing words, etc.

----- Original Message -----

From: (b) (6)
Sent: Monday, November 05, 2012 07:29 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: few minor issues for (b) (7)(E) fence III (UNCLASSIFIED)

(b) (6), (b) (7)

(b) (5), (b) (6)

(b) (6), (b) (7)(C), PE, CCE, PMP

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(b) (6), (b) (7)(C) P

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Monday, November 05, 2012 7:01 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Fw: few minor issues for (b) (7)(E) fence III (UNCLASSIFIED)

Please weigh in

----- Original Message -----

From: (b) (6)
Sent: Monday, November 05, 2012 06:53 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: FW: few minor issues for (b) (7)(E) fence III (UNCLASSIFIED)

(b) (5), (b) (6)

(b) (6)

(b) (6)
Construction Representative
Tucson Resident Office
(b) (6) (Office)
(b) (6) (Cell)

Classification: UNCLASSIFIED
Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Towers weekley
Date: Friday, January 25, 2013 8:54:50 AM

1. Hot issues:

a. (b) (7)(E)

i. NGL:

1. Work progressing with pre-final likely week of 4 Feb
2. Road work being de-scoped. FS to finish
3. (b) (5)

ii. YUM:

1. (b) (5)
2. (b) (5)
Coordinating with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)

iii. NCO/DGL

1. (b) (5)

b. IFT:

i. NGL/SON/DGL

1. Pre-con meeting held 1/25/13
2. expect mobilization week of 4 Feb
3. will get schedule at that time
4. (b) (5) g
5. (b) (5)

ii. TON

1. PRD costs and schedule due back from USACE today
2. (b) (5)

c. AZ station towers

- i. Site visits week of 4 Feb, (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) to attend
- ii. (b) (5)

d. TMRP

i. El Paso Highway project

1. (b) (5), (b) (7)(E)
2. (b) (5), (b) (7)(E)
3. (b) (5), (b) (7)(E)
4. (b) (5), (b) (7)(E)
5. (b) (5), (b) (7)(E)

ii. RGV

1. working with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) on the power disconnects/meters
2. M&R work should begin in (b) (7)(E) next week and the other AORs once catexes received

iii. PMR next PMR with FAA on 21 Feb

Next week:

working schedule for following week: (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) new towers, (b) (6), (b) (7)(C) NGL (b) (7)(E) Pre-final

El Paso Point paper
Schedule Northern Border trip

(b) (6), (b) (7)(C)

PM, TI

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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Border Patrol's proud legacy

From: (b) (6), (b) (7)(C)
To: (b) (6)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: Re: Andrade Fence Daily report (UNCLASSIFIED)
Date: Wednesday, February 27, 2013 7:15:18 PM

Awesome
Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

----- Original Message -----

From: (b) (6)
Sent: Wednesday, February 27, 2013 05:14 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: Andrade Fence Daily report (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6), (b) (7)

(b)(3)

(b) (6)

(b) (6)
Western Region Program Manager
ECISO, TI Branch
USACE Fort Worth District
office (b) (6)
bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, February 26, 2013 6:50 PM
To: (b) (6)
Cc: (b) (6)
Subject: RE: Andrade Fence Daily report (UNCLASSIFIED)

(b) (6) (b)(3) (I think I saw you in one of the photos)

-----Original Message-----

From: (b) (6)
Sent: Tuesday, February 26, 2013 7:32 PM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6); (b) (6); (b) (6), (b) (7)(C)
Subject: Andrade Fence Daily report (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Gentlemen:

Here is the daily report for 26 Feb 13 with pictures. The concrete placement went very well with no issues. We will finish the top section and the west end tomorrow morning.

(b) (6)

Construction Representative
El Centro Field Office
Road Runner Resident Office
Los Angeles District
US Army Corps of Engineers
1850 W Main St, Ste F
El Centro, CA 92243

Office: (b) (6)

Cell: (b) (6)

Fax: (b) (6)

email: (b) (6)

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6)
To: (b) (6), (b) (7)(C)
Subject: Weekly Report - (b) (6) - Feb 28
Date: Thursday, February 28, 2013 11:08:59 PM

1. Hot Issues – the issues I’m tracking include:

- Andrade Fence Remedial Construction
- (b) (7)(E) Road Project by SDC WG
- Road Improvements Project by military
- Bridge Structural Survey
- (b) (7)(E) Road Improvements Project by military
- Otay-Tijuana Pedestrian Bridge Project
- (b) (7)(E) Road Project by military
- Sasabe gas pipeline project
- (b) (7)(E) Road Improvements
- (b) (7)(E)

2. Major Efforts

- I continued to work with (b) (6), (b) (7)(C) and others to keep the (b) (7)(E) Access Road moving forward. I participated in conference calls to plan for the upcoming military effort.
- I continued to track the fiber optic project in Nogales. I’ve coordinated with (b) (6), (b) (7)(C) to confirm the “official” position of ORMB on this issue. I sent IBWC the official word that ORMB approves the installation of the fiber optic cable as designed.
- I attended the M&R PMR.
- I reviewed the drawings and prepared for the (b) (7)(E) Road Project kick off meeting.
- I participated in calls to review and discuss progress on the Andrade fence project including the availability of GFM.
- I participated in routine conference calls throughout the week.

3. Good News

4. Concerns

5. Deliverables

(b) (6), PE, CCE, PMP



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(b) (6) P

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From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly Report - (b) (6) - Jan 24
Date: Thursday, January 24, 2013 6:56:30 PM

1. Hot Issues – the issues I’m tracking include:

- Andrade Fence Remedial Construction
- B-4 (b) (7)(E) Remedial Actions
- (b) (7)(E) Road Project by SDC WG
- Road Improvements Project by military
- Bridge Structural Survey
- (b) (7)(E) Road Improvements Project by military
- Otay-Tijuana Pedestrian Bridge Project
- (b) (7)(E) Road Project by military
- Sasabe gas pipeline project
- (b) (7)(E) Road Improvements
- (b) (7)(E)

2. Major Efforts

- I met with WG, USACE, and surveyors at the (b) (7)(E) Road. Reviewed the Baker design with WG staff and discussed variations from the design. This construction effort cannot begin until the completion of an environmental assessment to include biological and cultural resources. This survey should be completed by May 1. That means the road will not be ready to support the (b) (7)(E) Road improvement project to be done by the military. Working with (b) (6), (b) (7)(C) to see if we can make some minor modifications to the road before the completion of the environmental assessment so that the road can be used to haul materials and water.
- I viewed the site of the Otay-Tijuana Pedestrian Bridge and reviewed the project with (b) (6), (b) (7)(C) while in the field.
- I met with the structural engineer that will be performing the assessment of the five bridges in the (b) (7)(E). We reviewed scope and deliverables. The first site visit is scheduled for the first week in February. I believe it to be important that I be there with the engineers during their field assessment.
- I viewed the area immediately east of the (b) (7)(E) POE where a road project was completed in the Fall of 2012. The project has affected our TI and some Mexican facilities are located north of the boundary markers. I will prepare a specific report for this issue.
- I participated in routine conference calls throughout the week.
- I participated in routine support activities for CTIMR Area 1

3. Good News

4. Concerns

5. Deliverables

I will be downtown on Monday.

(b) (6), PE, CCE, PMP



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(b) (6) P

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: Bi-Weekly ENV Branch/EEMD Review Call
Date: Friday, February 02, 2018 1:20:19 PM
Attachments: [Env Status - Facilities and TI Projects.xls](#)

Please remember to update the project spreadsheet in advance of our call scheduled for Monday, February 5th at 11:00 am (PST) / 2:00 pm (EST).

SharePoint link:

(b) (7)(E)

Attached is also a copy of the report in case you don't have access to SharePoint.

Thanks,

(b) (6), (b) (7)(C)

ENV MISSION SUPPORT SPECIALIST (CTR)

REDHORSE CORPORATION

ENVIRONMENTAL BRANCH

BORDER PATROL & AIR AND MARINE PROGRAM MANAGEMENT OFFICE

FACILITIES MANAGEMENT AND ENGINEERING

DESK: (b) (6), (b) (7)(C) | MOBILE (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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Environmental Status - Facilities and TI Projects

Program Office Lead	Sector	Station	City	Activity Area (CTIMR, ESA, Veg Removal, etc.) / Project Title OR Action (Land Acquisition, Lease, Facility Construction, Facility Modification)	NEPA Action / Other Compliance	Status	Next Steps / Action Items	ENV SME	Date Updated	FME#	In FITT?	Env Action Initated?	Env Action Title	Completion Date (Anticipated/Final)	Project Completed ? (Y/N)
TI	EPT	(b) (7)(E)			Project Specific CATEX / 106	Project specific CATEX tiered from NM/TX TIMR EAs signed on Jan. 5, 2018.	Project mobilzition is occuring week of January 8, 2018.	(b) (6), (b) (7)(C)	1/22/18						
TI	TCA	Various		TCA and EPT Sector Border Lighting Retrofits	CATEX / SW PA	Reviewed and commented on PRD on April 11, 2017		(b) (6), (b) (7)(C)	1/22/2018						
TI	EPT	(b) (7)(E)			NEPA/106	PRD development call held June 8, 2017 Waiver notification in Federal Register 1/22/18	Field Work began Nov 1 - Dec 27, Bio-surveys to occur week of December 11. Draft CR survey submitted by Northland January 4th, 2018.	(b) (6), (b) (7)(C)	1/22/2018						
TI	EPT	(b) (7)(E)			CATEX / Section 106	CATEX COMPLETE 11/17/17 PRD development call held June 2, 2017 Site visit with DOI on 10/5/17	Cultural survey executed October 11-13, 2017. CR Survey submitted to SHPO via eTrax on 10/27/17. Response from SHPO due 11/26/17	(b) (6), (b) (7)(C)	1/22/2018						
TI	EPT	Multi	(b) (7)(E)		NEPA / 106 / Section 7	Site Visit Conducted. Current ENV planning scope includes 3 roads in FHT AOR.	Executed new Task Order Contract and complete single EA for the three road projects	(b) (6), (b) (7)(C)	1/22/2018						

Environmental Status - Facilities and TI Projects

Program Office Lead	Sector	Station	City	Activity Area (CTIMR, ESA, Veg Removal, etc.) / Project Title OR Action (Land Acquisition, Lease, Facility Construction, Facility Modification)	NEPA Action / Other Compliance	Status	Next Steps / Action Items	ENV SME	Date Updated	FME#	In FITT?	Env Action Initiated?	Env Action Title	Completion Date (Anticipated/Final)	Project Completed? (Y/N)
Air and Marine	RMY	PMU	Ponce	replace pier/repair or replace boat ramp	NEPA, SHPO, 404, ESA, CZA	EA is on hold; designed provided for review; incorporated coral locations into design; underwater survey conducted	discussed with (b) (6), (b) (7)(C), SHPO consultation still on hold due to hurricane; need to tag up with PR agencies regarding biological resources; continue to review designs to include in EA	(b) (6), (b) (7)(C)	12/11/17						
Air and Marine	RMY	MYM	Boqueron, PR	AC CAB MYM Build Administration Facility (Mayaguez Marine Unit Administration Building)	NEPA, SHPO, 404, ESA, CZA	EA complete; PRD in development	particiapte in weekly PRD calls; ensure project plan matches what was evaluated in the EA	(b) (6), (b) (7)(C)	3/20/2017	SEAC-RP200030C	y	y			
Air and Marine	RMY	PMU	Ponce	Facility Modifications and Improvements	CATEX	CATEX sent back from EEMD asking about SHPO coordination		(b) (6), (b) (7)(C)	10/16/2017						
Air and Marine	RMY		all	Hurricane Repairs	CATEX	Waiting to hear back from PMs to see what repairs are needed and quickly develop CATEXs; work with EEMD on coordinatino with SHPO		(b) (6), (b) (7)(C)	10/16/2017						
Air and Marine	RMY	PMU	Ponce	Hurricane Repairs - fencing	CATEX	Received info from (b) (6), (b) (7)(C) about the emergency fence repairs needed. SHPO letter was sent on 1/12/18	Waiting for response from SHPO.	(b) (6), (b) (7)(C)	1/22/2018						

Environmental Status - Facilities and TI Projects

Program Office Lead	Sector	Station	City	Activity Area (CTIMR, ESA, Veg Removal, etc.) / Project Title OR Action (Land Acquisition, Lease, Facility Construction, Facility Modification)	NEPA Action / Other Compliance	Status	Next Steps / Action Items	ENV SME	Date Updated	FME#	In FITT?	Env Action Initated?	Env Action Title	Completion Date (Anticipated/Final)	Project Completed? (Y/N)
TI	ELC			(b) (7)(E) Road Maintenance and Repair (includes (b) (7)(E) access road)	EA	RECON installed final SWPPP measures and applied hydroseed. BLM requested a final site walkthrough. Filed final SWPPP Annual Report and NOT	Conduct walkthrough with BLM. Finalize FTHL mitigation with BLM.	(b) (6), (b) (7)(C)	10/17/16	7300-1	Yes	Yes	EA ELC (b) (7)(E) AWR Construction	12/31/2016	No
TI	ELC			(b) (7)(E) Vegetation Management	EA	RECON conducted surveys week of December 27. RECON prepared and submitted draft DOPAA. DOPAA reviewed and comments returned.	Schedule comment resolution call on DOPAA. Review draft survey reports when available.	(b) (6), (b) (7)(C)	1/22/18		No	No			
Facilities	ELC			Old Calxico BPS UST Removal	CATEX	Sent response letter to Vanir's request for additional soil removal and sampling. Awaiting Vanir's response.	Complete lease termination CATEX.	(b) (6), (b) (7)(C)	1/8/18		No	No		3/15/2017	No
TI	ELC			(b) (7)(E) Roads Maintenance and Repair	EA	RECON submitted survey work plan. BLM and CBP reviewing. Awaiting submittal of draft DOPAA	RECON to perform bio and cultural resource surveys.	(b) (6), (b) (7)(C)	1/8/18						
TI	ELC	(b) (7)(E)		(b) (7)(E) Fence Replacement	MFR	Surveys completed. Resource reports finalized. Comments submitted. Scoping letters sent. Preparing MFR.	Await responses to scoping letters. Complete MFR.	(b) (6), (b) (7)(C)	1/22/18						
Facilities	ELC	CAX		New Calxico BPS TTHM Removal System Installation	CATEX	Received project information.	Prepare CATEX.	(b) (6), (b) (7)(C)	12/11/17						

Environmental Status - Facilities and TI Projects

Program Office Lead	Sector	Station	City	Activity Area (CTIMR, ESA, Veg Removal, etc.) / Project Title OR Action (Land Acquisition, Lease, Facility Construction, Facility Modification)	NEPA Action / Other Compliance	Status	Next Steps / Action Items	ENV SME	Date Updated	FME#	In FITT?	Env Action Initated?	Env Action Title	Completion Date (Anticipated/Final)	Project Completed? (Y/N)
Facilities	SDC	ELC	El Cajon	El Cajon BPS	N/A	On-going UST cleanup	SVE and air sparge system installed. Additional GW wells installed off site for free product delineation. System operational since Oct. 2011. Ongoing GW monitoring and AS/SVE report reviews. Prepared EFL. VI report reviewed and requested changes (conf call 10/08/14). Reviewed revised VI report (DD 11/25/14). Additional VI report revisions were made. Conference call for VI	(b) (6), (b) (7)(C)	10/29/15	E-SDC-F-0001	Yes	Yes			
Facilities	SDC	Pine Valley	Pine Valley	I-8/Old Hwy 80 Checkpoint Median Road and Interim Checkpoint (Pine Valley)	REC	Soil preparation and planting completed. GSRC performed two waterings. Awaiting submittal of	Review implementation report.	(b) (6), (b) (7)(C)	1/8/18	LR02MCA-4055	Yes	Yes	EA SDC I-8/Old Hwy 80 Checkpoint Upgrade	4/30/2017	No
TI	SDC			Gapfiller	SWPPP, SPCCP, and Re-vegetation Plan	401/404 permit applications submitted. 401 Certification held up due to CEQA consistency issues -- need CEQA addendum. 404 permit delayed with request for additional information. Got authorization and registered for data entry	Send permit checklist to TIMR for completion. Enter project information in SMART. Contract QSP to complete SWPPP and monitor SWPPP implementation during work.	(b) (6), (b) (7)(C)	2/18/14		No	No			
TI	SDC			Arnie's Point Real Estate Disposal	Phase 1 ESA and CATEX	Working with PMO Real Estate to discuss again transfer of property through CSA	(b) (6), (b) (7)(C) to discuss with (b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)	7/11/16		No	No			
Other	SDC			Brand's Phacelia Annual Inventory	CCA	Year 5 maintenance and monitoring underway.	Implement Year 5 tasks.	(b) (6), (b) (7)(C)	1/22/18		No	No		12/31/2018	No
TI	SDC			(b) (7)(E) Brush Clearing	MFR/ESP	Request received for additional vegetation removal. Requirement not in FITT	Prepare MFR for additional vegetation removal as necessary.	(b) (6), (b) (7)(C)	2/2/15		No	No			
TI	SDC	IMB		TJ River Vegetation Control	EA/FONSI	Developed draft responses to draft EA comments and revisions to the EA. Draft BA submitted to USFWS. Sent out CZMA CD letter. CCC staff report to object	Need to schedule draft EA comment resolution call with IBWC. Need to send out 401 water cert, 402 aquatic herbicide, and 404 permit applications. Schedule call with USFWS to discuss BA.	(b) (6), (b) (7)(C)	1/22/18		No	No		11/1/2017	No
TI	SDC			Otay Mesa Vernal Pool Impacts	REC	Mitigation proposal submitted and accepted by FWS. Discussed procurement requirements with (b) (6), (b) (7)(C) Waiting for information from Chaparral Lands	Work with procurement on obtaining mitigation credits.	(b) (6), (b) (7)(C)	12/11/17		No	No			
Facilities	SDC			Highway 94 Checkpoint Water Treatment System Installation	REC	Developed ROM for design. Preparing REC.	Provide additional materials to DDW. Prepare letters to USFWS, SHPO, and Tribes	(b) (6), (b) (7)(C)	11/30/17		No	No			
TI	SDC	(b) (7)(E)		(b) (7)(E) Access Road Maintenance	CATEX	Followed up with BLM. BLM preparing ROW.	Prepare CATEX.	(b) (6), (b) (7)(C)	5/1/17						
Facilities	SDC			I-5 Checkpoint Parking Lot Mitigation		Prepare SOW to identify and implement additional mitigation for permanent use of checkpoint parking lot		(b) (6), (b) (7)(C)	5/2/16						

Environmental Status - Facilities and TI Projects

Program Office Lead	Sector	Station	City	Activity Area (CTIMR, ESA, Veg Removal, etc.) / Project Title OR Action (Land Acquisition, Lease, Facility Construction, Facility Modification)	NEPA Action / Other Compliance	Status	Next Steps / Action Items	ENV SME	Date Updated	FME#	In FITT?	Env Action Initated?	Env Action Title	Completion Date (Anticipated/Final)	Project Completed? (Y/N)
Facilities	SDC	BRF		New Brown Field BPS	EA/FONSI	HDR submitted preliminary draft EA. Limited groundwater analysis results received -- waiting for feedback from County. HDR submitted revised traffic study. Revised draft accepted by project team and to be sent to Caltrans. HDR preparing Section 7 submittals and 401/404	Submit Section 7 consultation letters and 401/404 permit applications.	(b) (6), (b) (7)(C)	1/22/18						
Facilities	SDC	IB		Dairy Mart Compound Use Permit	CATEX	Phase I ESA completed. IBWC preparing permit agreement. Need to complete CATEX for use permit	Prepare CATEX.	(b) (6), (b) (7)(C)	7/24/17						
TI	SDC	IB		Monument Mesa Archaeological Collection Repatriation and Curation		NID ran in the SD UT on 10/16 and 10/30. 30 day comment expired on December 1 with no comments. Working with HDR and KCRC on the repatriation agreement. Sent proof of publication and proposed repatriation	Finalize repatriation agreement. NPS will work the FR notice.	(b) (6), (b) (7)(C)	1/8/18						
TI	SDC	(b) (7)(E)		(b) (7)(E) Primary Fence Replacement	ESP	Surveys completed. Draft resource reports and project description submitted and reviewed. Comments submitted. Contractors revising reports. Revegetation plan proposal memo received and under	Send scoping letters. Complete reports and ESP. Send SOW for plant salvage, monitoring, and revegetation.	(b) (6), (b) (7)(C)	1/8/2018						

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW: (b) (6) Concerns (UNCLASSIFIED)
Date: Wednesday, September 04, 2013 2:59:58 PM
Attachments: (b) (7)(E) [Gate 783.pdf](#)
[Gate0782.pdf](#)
[Gate784.pdf](#)
[Gate789.pdf](#)
[Gate793.pdf](#)

(b) (6), (b) (7)(C)

The below emails from (b) (6) review his discussions with (b) (6) yesterday. (b) (5), (b) (6)

Please let me know if you have any concerns about that.

(b) (5)

(b) (6)

-----Original Message-----

From: (b) (6)]
Sent: Wednesday, September 04, 2013 2:20 PM
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (6) Concerns (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Yes, he definitely wants the culvert work done (b) (5)
(b) (5)

(b) (6), P.E.
US Army Corps of Engineers
RGV Resident Office
252 Industrial Dr. Suite A
Port Isabel, TX 78578

Office: (b) (6)
Mobile: (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, September 04, 2013 1:10 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: (b) (6) Concerns (UNCLASSIFIED)

The widening of the ramp can probably be done by CTMR. If we do that, it sounds like he still wants to culvert work. (b) (5)

(b) (5)

-----Original Message-----

From: (b) (6)

Sent: Wednesday, September 04, 2013 1:33 PM

To: (b) (6), (b) (6), (b) (7)(C)

Subject: RE: (b) (6) Concerns (UNCLASSIFIED)

(b) (6)

Very Good summary of the meeting and photos of the proposed improvements!!

Thanks,

(b) (6), (b) (6)

-----Original Message-----

From: (b) (6)

Sent: Wednesday, September 04, 2013 11:58 AM

To: (b) (6), (b) (7)(C), (b) (6)

Subject: RE: (b) (6) Concerns (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)

I met with (b) (6) yesterday afternoon and had a good chat. We discussed all the good, bad and otherwise regarding the Border Fence and gates and government in general.

Regarding the ramp and gate access at (b) (7)(E), (b) (6) had the following a few concerns.

His first concern was that the completed ramp was too steep to where tractors with equipment such as discs or plows on back would tend to lift off of the front tires as they climb up the ramp.

His second concern was that truck/trailer combination vehicles would bottom out when the tractor reached the top of the levee and the trailer was still coming across the gate.

His third concern is that during wet conditions access off of and onto (b) (7)(E) highway is hazardous and unsafe due to the lack of a culvert at the swale along (b) (7)(E) highway and unimproved access to the gate. Since the access does not have caliche, when it rains the ground gets rutted and mud is tracked onto (b) (7)(E) highway. Under normal conditions access off of (b) (7)(E) highway without a culvert across the swale creates a safety hazard for him, his employees and the general public due to having to slow down to a crawl in order to navigate a vehicle safely across the swale. These conditions are worse when rain and mud are added.

Finally his last concern was the two power poles that AEP installed right in front of the gate which hinder access to the gate.

(b) (6) understands that the proximity of the fence to the levee limits the slope that can be achieved on the access ramp. While on site we discussed the option of widening the ramp to both sides of the gate such that vehicle could climb at an angle thus lessening the degree of climb. This would also aid as a truck/trailer is making a turn off of the levee. The truck would be able to make the wide radius turn through the gate opening and onto (b) (7)(E) highway.

I went ahead and placed a few stakes where the widening should be done as well as the culvert location just for reference on the attached pictures.

(b) (6), P.E.
US Army Corps of Engineers
RGV Resident Office
252 Industrial Dr. Suite A
Port Isabel, TX 78578

Office: (b) (6)
Mobile: (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, September 03, 2013 11:56 AM
To: (b) (6)
Subject: [EXTERNAL] (b) (6) Concerns

(b) (6)

Any luck scheduling a visit with (b) (6) to review his concerns and maybe see his difficulties with his specific equipment?

(b) (6)

(b) (6), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE



(b) (7)(E), (b) (5)

(b) (7)(E)

(b) (7)(E), (b) (5)

(b) (7)(E), (b) (5)

(b) (7)(E), (b) (5)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Subject: Graphic depicting AWR (b) (7)(E) Rd vs. (b) (7)(E) Road
Date: Friday, September 05, 2014 4:37:51 PM
Attachments: [Maintenance Zone for AWR \(Traditional Northern Road\) vs. Border Fence Road v1.5.pptx](#)

(b) (6), (b) (7)(C)

Please see attached graphic (created with assistance from the individuals cced). This should aid in discussions regarding applying OTIA funds for CTIMR along the AWR (b) (7)(E) Rd) and the (b) (7)(E) Road in the TON.

(b) (5), (b)(6);(b)(7)(C), (b) (7)(E)

Regards,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP
SME, TI Division
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
U.S. Customs and Border Protection
Office: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)

M&R of AWR (b) (7)(E) Rd) vs. (b) (7)(E) Rd

(b) (7)(E), (b) (5)

International Border

Distance btwn (b) (7)(E)

Distance btwn
international border and
Border Fence is typically
(b) (7)(E)

BW23 FOIA CBP 002722

MEXICO

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Fi (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6)
(b) (6), (b) (7)(C)
Subject: RE: Tucson TI CTIMR Inventory Requirements Review
Date: Wednesday, November 13, 2013 5:58:56 PM

Gentlemen,

Here is the waypoint data (white background is the TON) - dark blue roads are "waypoint" roads and yellow are waypoint roads flagged as "CTIMR" roads. Waypoint can be anything – ranch road, highway, etc. but CTIMR roads are only those roads we want to tag for maintenance. If any of the dark blue roads below need to be added to CTIMR, this is what needs to be done:

1) Please go to your sector GIS shop (they have access to all waypoint roads). Have them create a subset of roads and send to (b) (6), (b) (7)(C)

OR

2) We can do a screen share with the CTIMR PM, TI coordinator and (b) (6), (b) (7)(C) so she can flag the roads live based on where you point your cursor.

Please let me know how you would like to proceed. Thx!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)(w)

(b) (6), (b) (7)(C)(bberry)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, November 13, 2013 12:44 PM
To: (b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6)
(b) (6), (b) (7)(C)
Subject: RE: Tucson TI CTIMR Inventory Requirements Review

All,

The TON roads that are Green Green are as follows:

Border Road adjacent to fence is cleared Green Green.

AWR north of the 60' is not currently Green Green. As we speak that road is being surveyed and a legal description will be created so that we can have BIA issue the ROW for the AWR. Once this happens it will become Green Green because the Real Estate portion was taken care of when the PVB's were built on the TON. This road has been captured several times and there is no need to send our Sector Waypoint Agents to recapture this data.

(b) (6), (b) (7)(C) the map from FITT is outdated and should be edited to show the current roads we are working with the TON for the M&R piece.

Thanks,

(b) (6), (b) (7)(C)

Sector Tactical Infrastructure/Tribal Liaison

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, November 13, 2013 11:35 AM

To: (b) (6), (b) (7)(C)
(b) (6)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6)

Subject: RE: Tucson TI CTIMR Inventory Requirements Review

(b) (6), (b) (7)(C)

(b) (5), (b)(6);(b)(7)(C)

(b) (5)

<< OLE Object: Picture (Device Independent Bitmap) >>

<< OLE Object: Picture (Device Independent Bitmap) >>

Thank you,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C) (bberry)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, November 13, 2013 9:26 AM

To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)

Subject: RE: Tucson TI CTIMR Inventory Requirements Review

<< Message: RE: TON Roads for M&R >>

Attached is an email chain which documents that both RE and ENV have confirmed that roads which provide access to TON fence are green-green. (b) (5)

thanks

(b) (6), (b) (7)(C)

Environmental Planning Branch

Border Patrol Facilities and Tactical Infrastructure Branch

Program Management Office

Facilities Management and Engineering

1301 Constitution Ave NW, Suite B-155

Washington, DC 20004

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C).

Sent: Tuesday, November 12, 2013 2:30 PM

To: (b) (6), (b) (7)(C)

(b) (6)

(b) (6)

(b) (6), (b) (7)(C)

Cc: (b) (6)

(b) (6), (b) (7)(C)

(b) (6)

Subject: RE: Tucson TI CTIMR Inventory Requirements Review

All- Attached are the notes from Friday's call.

<< File: Tucson CTIMR Call 11-8.docx >>

Thanks,

(b) (6), (b) (7)(C)

Program Analyst, Business Operations

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

Phone: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

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-----Original Appointment-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, September 03, 2013 10:56 AM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6)

Subject: Tucson TI CTIMR Inventory Requirements Review

When: Friday, November 08, 2013 2:30 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: Live Meeting / Teleconference

All,

The purpose of this meeting is to ensure Business Operations is supporting the TI Division by updating the official requirements in the GIS to reflect the requirements identified in the validation exercise. Updated maps will be provided in mid-September for the Tucson area of operations. Maps will show all requirements previously captured either in the baseline TI inventory and in the updated CTIMR requirements we have been gathering since 2009. Below is a breakout of the differences in numbers between the official inventory in the GIS and the inventory captured by the TI PMs.

CONUS Dial: (b) (7)(E)

All Others (US/Canada) Dial: (b) (7)(E)

International Callers Dial: Country Code + (b) (7)(E)

Meeting ID: (b) (7)(E)

Meeting password: Not required

-To join the Web portion of the meeting, use the following-

Web Meeting Link:

(b) (7)(E)

Meeting password: Not required

First-time users should run the (b) (7)(E) to verify they can participate in a web meeting.

If the MeetingPlace Web Share application will not run on your computer, join the meeting with this link:

(b) (7)(E)

Tucson

Note: items highlighted in yellow will be the focus of the meeting.

TI Category	Official Inventory	Units Identified by PM
Vehicle Fence	(b) (7)(E)	
Pedestrian Fence	(b) (7)(E)	
Gates	(b) (7)(E)	
Bridges	(b) (7)(E)	
Boat Ramps	(b) (7)(E)	
Vegetation Control	-	-
Veg Control (along fence)	(b) (7)(E)	
Roads	(b) (7)(E)	
Drainage Structures	(b) (7)(E)	
Light Poles	(b) (7)(E)	

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6)
Subject: RE: Ltr to TXDOT re Fence Encroachment in RGV Sector
Date: Wednesday, June 22, 2016 3:56:58 PM

Thank you (b) (6), (b) (7)(C)

Respectfully,

(b) (6), (b) (7)(C)
Operations Officer
RGV Sector/Tactical Infrastructure
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, June 22, 2016 2:56 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6)
Subject: RE: Ltr to TXDOT re Fence Encroachment in RGV Sector

Good afternoon (b) (6), (b) (7)(C)

Good news - we received word from TXDOT that they have shifted their chain link fence further away from the border fence at (b) (7)(E) to address Border Patrol's safety/security concern. FYI – the current alignment of their chain link fence is temporary. They committed to performing a survey as soon as practicable to get a more precise demarcation of the boundary line, and at that point, they'll re-situate the fence to its permanent location.

For now, please have your agents visit the site to confirm for us that they now have adequate clearance for their vehicles.
If there are any issues, please let me know.

Thank you,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 18, 2016 3:20 PM
To: (b) (6)
(b) (6) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Ltr to TXDOT re Fence Encroachment in RGV Sector

All,

The attached letter is being sent via UPS to TXDOT today.

(b)(6);(b)(7)(C) will forward this electronic version to his POC at TXDOT.

We listed me as CBP's POC, however, if TXDOT does reach out to me, I will of course update and involve those on this this email.

Thank you to (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) for all your help in completing the letter and compiling the exhibits!!!

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (5)
Date: Friday, June 17, 2016 11:27:35 AM

All,

I just spoke with (b) (6), (b) (7)(C) – I'll go ahead and take the lead on running this issue to ground with USACE.

Thanks,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, June 17, 2016 10:43 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (5)

Thanks (b) (6), (b) (7)(C)

(b) (5)

Thanks,
(b) (6), (b) (7)(C)
Tucson Sector Tribal Liaison
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, June 17, 2016 6:50 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (5)

All-

(b) (5)

(b) (5)

Thanks-

(b) (6), (b) (7)

(b) (5)

(b) (5)

(b) (5)

(b) (6), (b) (7)(C)

Senior Attorney

Office of Assistant Chief Counsel, Indianapolis

Customs and Border Protection

ph: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

~~This communication might contain communications between attorney and client, communications that are part of the agency deliberative process, or attorney work product, all of which are privileged and not subject to disclosure outside the agency or the public. Please consult with the Office of Assistant Chief Counsel-Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.~~

From: (b) (6), (b) (7)(C)

Sent: Friday, June 10, 2016 3:45 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6) (b) (6), (b) (7)(C)

[Redacted]

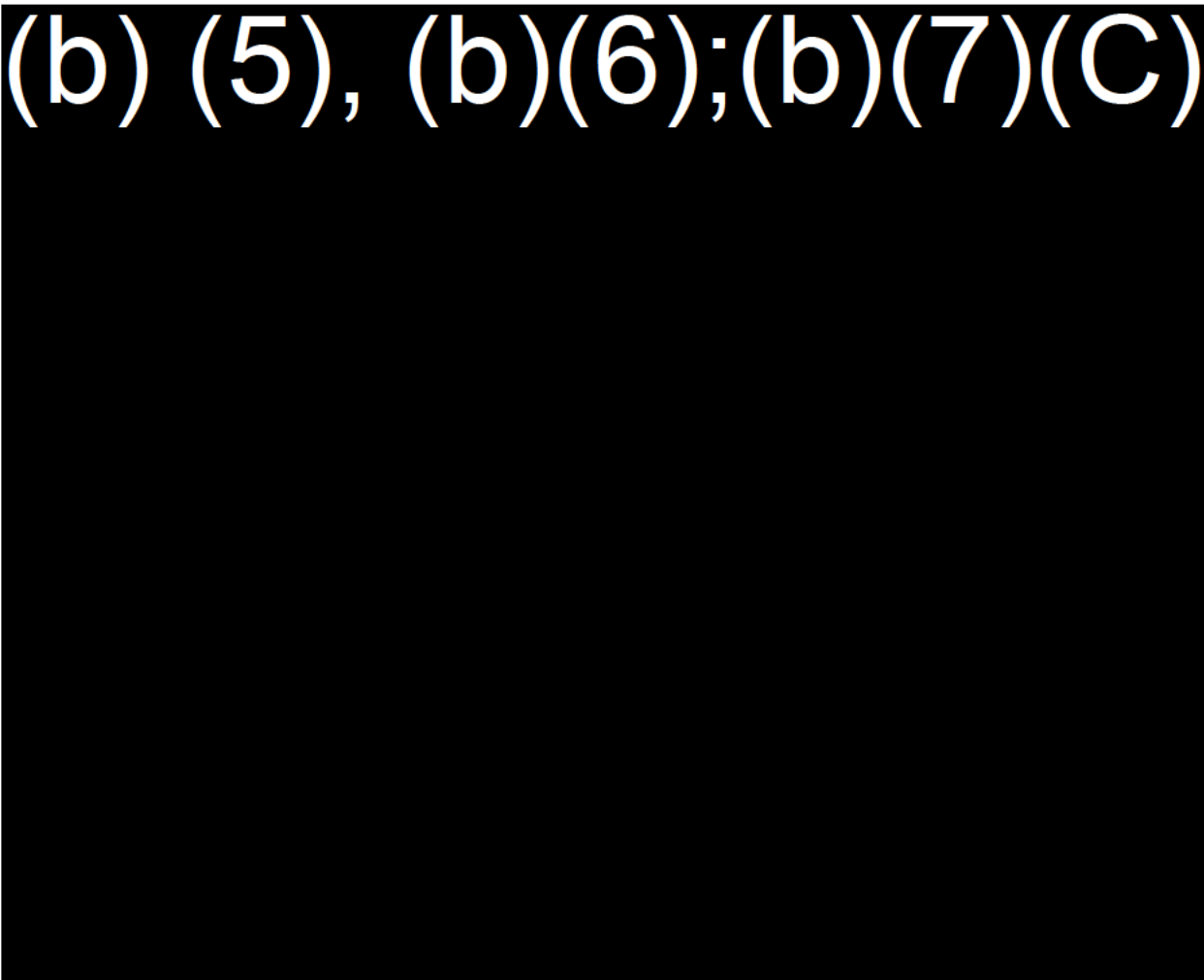
Subject: (b) (5)

Importance: High

Good afternoon (b) (6), (b) (7)(C)

(b) (5), (b)(6);(b)(7)(C)

(b) (5), (b)(6);(b)(7)(C)



More to follow,

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: Re: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(E) of PF225 Fence
Date: Friday, September 23, 2016 9:55:11 AM

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Friday, September 23, 2016 07:42 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(E) of PF225 Fence

(b) (5)

(b) (6), (b) (7)(C)
Senior Attorney (Trade & Finance)
Office of Chief Counsel
U.S. Customs and Border Protection
1300 Pennsylvania Avenue, NW Room 4.4B
Washington, DC 20229
Tel: (b) (6), (b) (7)(C)
Fax: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

~~ATTORNEY CLIENT PRIVILEGED/ATTORNEY WORK PRODUCT~~

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, September 21, 2016 3:18 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(E) of PF225 Fence

(b) (6), (b) (7)(C) and FYI for all,

(b) (5)

(b) (5)

Thank you!

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, September 21, 2016 12:01 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)

Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(E) of PF225 Fence

(b) (5)

Also, it was my error sending the email to (b) (6), (b) (7)(C) I forgot that El Paso was part of the West under (b) (6), (b) (7)(C)

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, September 21, 2016 11:40 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(E) of PF225 Fence

Thanks (b) (6), (b) (7)(C) I appreciate the response.

(b) (6), (b) (7)(C), Program Manager

U.S. Customs and Border Protection

Office of Facilities and Asset Management (OFAM)

Tactical Infrastructure Division (Maintenance & Repair)

(b) (6), (b) (7)(C) Work

(b) (6), (b) (7)(C) Cell

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, September 21, 2016 9:34 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(C) of PF225 Fence

(b) (6), (b) (7)(C) (b) (5)

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, September 21, 2016 11:26 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6) (b) (6), (b) (7)(C)

Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(C) of PF225 Fence

(b) (5)

Also, Can we please be notified in the future when anyone is coming to sector for awareness and cc'd on all correspondence.

(b) (6), (b) (7) is our POC going forward.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, September 21, 2016 10:14 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6) (b) (6), (b) (7)(C)

Subject: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(E) of PF225 Fence

Importance: High

Good morning (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)

(b) (5), (b) (7)(E)

(b) (5), (b)(6);(b)(7)(C)

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

*Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(E) of PF225 Fence
Date: Wednesday, September 21, 2016 11:53:02 AM

Yes. ELP is now under (b) (6), (b) (7)(C) Laredo East is (b) (6), (b) (7)(C) This change came a few weeks ago...

(b) (6), (b) (7)(C), CBM, PMP
Director-Real Estate/Environment & Leasing Services
CBP-ES-OFAM-BPFTI
(b) (6), (b) (7)(C) (Cell)
(b) (6), (b) (7)(C) (Office)
Washington, D.C. 20004



From: (b) (6), (b) (7)(C)
Sent: Wednesday, September 21, 2016 11:46 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(E) of PF225 Fence

I think so... (b) (6), (b) (7)(C) and I have a good rapport.

(b) (5), (b)(6);(b)(7)(C)

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, September 21, 2016 11:38 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(E) of PF225 Fence

All good?

(b) (6), (b) (7)(C), CBM, PMP

Director-Real Estate/Environment & Leasing Services

CBP-ES-OFAM-BPFTI

(b) (6), (b) (7)(C) (Cell)

(b) (6), (b) (7)(C) (Office)

Washington, D.C. 20004



From: (b) (6), (b) (7)(C)

Sent: Wednesday, September 21, 2016 11:34 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7)(E) s of PF225 Fence

(b) (6), (b) (7)(C) (b) (5)

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, September 21, 2016 11:26 AM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Cc: (b) (6) (b) (6), (b) (7)(C)

Subject: RE: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7) of PF225 Fence

(b) (5)

Also, Can we please be notified in the future when anyone is coming to sector for awareness and cc'd on all correspondence.

(b) (6), (b) (7) is our POC going forward.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, September 21, 2016 10:14 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6) (b) (6), (b) (7)(C)

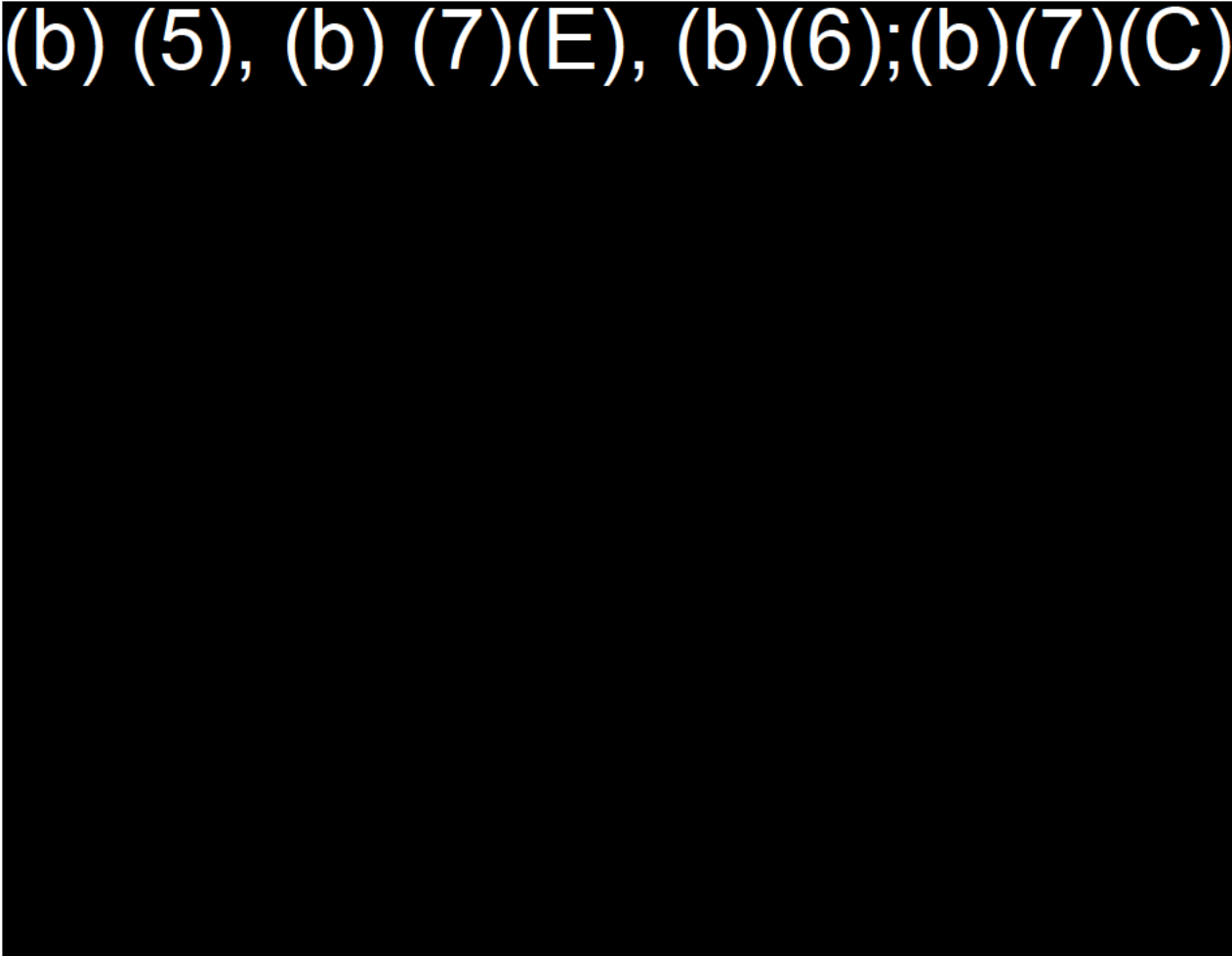
Subject: Two Issues at/near (b) (7)(E) - One of the El Paso Sector (b) (7)(E) along (b) (7) of PF225 Fence

Importance: High

Good morning (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

*Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.*

From: (b) (6), (b) (7)(C)
To: (b) (6)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6) (b) (6), (b) (7)(C)
Subject: RE (b) (7)(E) Fence PRD
Date: Thursday, March 21, 2013 10:12:34 AM

Thanks (b) (6) I reviewed your input and comments and excepted all changes.

(b) (6), (b) (7)(C)

From: (b) (6)
Sent: Wednesday, March 20, 2013 4:15 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Fence PRD

Hi (b) (6), (b) (7)

Attached are several things:

1. A marked up copy of the PRD. I did it in track changes mode. I would be more than happy to take this back, spruce it up in final mode with our changes incorporated and re-send it. I did not do that, so you could merge changes from multiple commenters. Please let me know if you want the cleaner picture.
2. A work sheet that (b) (6), (b) (7)(C) came up with for part of our environmental monitoring costs. It is detailed, and probably not what you need just yet. It is how we developed part of our ROM for environmental expenses.
3. A PDF of the environmental rough schedule. There are two main tasks for environmental:
 - a. Prepare a supplemental Environmental Stewardship Plan (our initial one is more than 5 years old and because of elapsed time, AND changed alignment it needs to be re-examined) (estimated cost (b) (5) plus COE programmatic costs)
 - i. This entails field work
 - ii. Coordination with TX SHPO, and USFWS, and numerous other TX state agencies
 - iii. Preparation of a new biological resource plan (BRP)
 - iv. A public information session
 - v. A final document
 - b. Monitoring on site during construction (estimated cost (b) (5) plus COE programmatic costs)
 - i. Preparation of training materials for construction contractors regarding endangered species, cultural resources, and our BMPs
 - ii. Delivery of that training at the start of each of the three campaigns (b) (7)(E)
(b) (7)(E)
 - iii. Full-time environmental monitoring (7 days @ 12 hours per day) for the first two weeks at the start of each of the three campaigns (b) (7)(E))
 - iv. Weekly spot checking after the first two weeks at each of the three campaigns (b) (7)(E)
 - v. Preparation of a final report.

(b) (6),
Research Fellow & Senior Consultant



2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) Office
(b) (6) Mobile

Complex Problems. Practical Solutions.
www.lmi.org

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 19, 2013 3:14 PM

To: (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: (b) (7)(E) Fence PRD

Hey (b) (6)

Can you provide me some environmental verbiage for the (b) (7)(E) fence PRD? We have a working draft but currently lack details regarding environmental work.

Thanks,

(b) (6), (b) (7)(C)

Program Analyst, Business Operations
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
Phone: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

From: (b) (6), (b) (7)(C)
To: (b) (6)
Subject: RE: CIR(b) (7)(E)
Date: Monday, March 25, 2013 1:19:22 PM

(b) (6)

Thanks. I appreciate the heads up.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6)
Sent: Monday, March 25, 2013 11:31 AM
To: (b) (6), (b) (7)(C)
Subject: CIR O1 - O3

(b) (6), (b) (7)(C)

Just wanted to give you heads up before the call Tuesday in case you were not already aware:

I will be on the call Tuesday. (b) (6) has been working this with the team. You may be aware but CBP will need to prepare a "supplemental ESP" for this since a) its been 5 years since the original ESP and b) the alignment has changed significantly from what was originally proposed 5 years ago.

Also mitigation risk is high since we will be thru significant habitat for endangered plants.

I'm not sure the briefing charts reflect these issues adequately.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Environmental Planning
Border Patrol Program Management Office
Facilities Management and Engineering
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Burn Rates - Current MATOCs
Date: Monday, November 26, 2012 9:39:41 AM

(b) (6), (b) (7)(C)

Here are the burn rates I see from the ECSO burn rate report. EPT Roads has only expensed (b) (5) in the first 10 months, but (b) (6) believes he'll spend over (b) (5) shortly. So, I'm not sure how to estimate their average burn rates.

Contract	Annual Cost	Monthly Cost
EPT Fence	(b) (5)	
TCA Fence		
EPT Roads		
TCA Roads		

* - see comment above on EPT Roads costs.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: ARAZ Communication Site??? and environmental concerns?
Date: Monday, March 14, 2016 3:18:43 PM

(b) (6), (b) (7)(C)

(b) (5)

Thanks for Your Help,

(b) (6), (b) (7)(C) (ctr)

Project Manager-DLI
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering
US Customs and Border Protection
150 West Park Way, Ste 200
Euless, Texas 76040-3962
(O) – (b) (6), (b) (7)(C)
(Cell) – (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, March 14, 2016 1:29 PM
To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: FW: ARAZ Communication Site??? and environmental concerns?

(b) (6), (b) (7)(C)

(b) (5), (b)(6);(b)(7)(C)

(b) (5), (b)(6);(b)(7)(C) ?

(b) (6), (b) (7)(C)

Architect-Engineer, Project Manager
OA Facilities Management and Engineering
Border Patrol Facilities/Tactical Infrastructure PMO
Dallas/Euless office
150 Westpark Way
Euless, TX 76040-3962
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner
enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Monday, March 14, 2016 11:18 AM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site???

Hello,

To get a project # you will need to enter the project in TRIRIGA. I have attached the directions on how to do this.

If you would like I can help walk you through the process.

Thank you.

(b) (6), (b) (7)(C)

Project Analyst
Border Patrol Facilities and Tactical Infrastructure Program Management Office
Facilities Management & Engineering
Office: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Monday, March 14, 2016 12:09 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site???

(b) (5), (b)(6);(b)(7)(C)

(b) (5)

(b) (6), (b) (7)(C)

Architect-Engineer, Project Manager
OA Facilities Management and Engineering
Border Patrol Facilities/Tactical Infrastructure PMO
Dallas/Euless office
150 Westpark Way
Euless, TX 76040-3962
Office (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner
enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Monday, March 14, 2016 10:37 AM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site???

(b) (6), (b) (7)(C)

I am very glad to help you on this project. My role is the engineer providing technical support (all the engineers currently work for (b) (6), (b) (7)(C)). I am a contractor with Sev1Tech and I work closely with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) from LMI. I usually assist the PM in reviewing drawings and providing engineering and construction management support. I'm here to help you however I can.

(b) (5)

(b) (5)

(b) (5), (b)(6);(b)(7)(C)

Please let me know how I can help.

(b) (6), (b) (7)(C) (CTR)

Contractor, Sev1Tech

BPFTI Program Management Office

Facilities Management & Engineering, Office of Administration

U.S. Customs & Border Protection

Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Monday, March 14, 2016 11:23 AM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site???

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)

Architect-Engineer, Project Manager

OA Facilities Management and Engineering

Border Patrol Facilities/Tactical Infrastructure PMO

Dallas/Euless office

150 Westpark Way

Euless, TX 76040-3962

Office (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner
enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Monday, March 14, 2016 9:36 AM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site???

(b) (6), (b) (7)(C) – agreed, (b) (6), (b) (7)(C) (b) (5)

(b) (6), (b) (7)(C), PMP, LEED BD&C

Program Manager, Towers

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

(b) (6), (b) (7)(C) (c)

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)

Sent: Monday, March 14, 2016 4:45 AM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site???

(b) (5)

(b) (6), (b) (7)(C)

Architect-Engineer, Project Manager
OA Facilities Management and Engineering
Border Patrol Facilities/Tactical Infrastructure PMO
Dallas/Euless office
150 Westpark Way
Euless, TX 76040-3962
Office (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner
enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 08, 2016 5:23 PM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site

(b) (5)

(b) (6), (b) (7)(C), PMP, LEED AP BD&C

Program Manager, Towers
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering

(b) (6), (b) (7)(C) (c)

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 08, 2016 3:21 PM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site

(b) (5)

(b) (6), (b) (7)(C)

Architect-Engineer, Project Manager
OA Facilities Management and Engineering
Border Patrol Facilities/Tactical Infrastructure PMO
Dallas/Euless office
150 Westpark Way
Euless, TX 76040-3962
Office (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner
enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 08, 2016 5:19 PM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C), PMP, LEED AP BD&C

Program Manager, Towers
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering

(b) (6), (b) (7)(C) (c)

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 08, 2016 3:18 PM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site

(b) (5)

(b) (6), (b) (7)(C)

Architect-Engineer, Project Manager
OA Facilities Management and Engineering
Border Patrol Facilities/Tactical Infrastructure PMO
Dallas/Euless office
150 Westpark Way
Euless, TX 76040-3962
Office (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner
enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 08, 2016 5:04 PM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site

(b) (6), (b) (7)(C) – (b) (6), (b) (7)(C) is the new ARAZ PM.

I have forwarded him the DRAFT PRD for completion and follow up on final requirements.

(b) (6), (b) (7)(C), PMP, LEED AP BD&C
Program Manager, Towers
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering

(b) (6), (b) (7)(C) (c)

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)

Sent: Friday, February 26, 2016 8:05 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: ARAZ Communication Site

(b) (5)

From: (b) (6)

Sent: Friday, February 26, 2016 10:02 AM

To: (b) (6), (b) (7)(C)

Subject: RE: ARAZ Communication Site

Good morning, (b) (6), (b) (7)(C)

(b) (5)

Please advise.

Thank you for your assistance in this regard.

(b) (6), (b) (7)(C)

From: (b) (6)
Sent: Tuesday, February 09, 2016 5:24 PM
To: (b) (6), (b) (7)(C)
Subject: RE: ARAZ Communication Site

Good afternoon, (b) (6), (b) (7)(C)

I appreciate your effort to obtain my feedback. My apologies for my delay.

(b) (5)

Thank you for your assistance in this regard.

(b) (6)

From: (b) (6), (b) (7)(C)
Sent: Thursday, February 04, 2016 12:12 PM
To: (b) (6)
Subject: RE: ARAZ Communication Site

Hi (b) (6)

I was hoping to get your feedback on the previous email that was sent earlier, your comments prior to the project groups next meeting would be helpful

Thanks,

(b) (6), (b) (7)(C) (ctr)

Project Manager-DLI
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering
US Customs and Border Protection

150 West Park Way, Ste 200

Euless, Texas 76040-3962

(O) (b) (6), (b) (7)(C)

(BB) (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 27, 2016 10:45 AM

To: (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: ARAZ Communication Site

Hi (b) (6)

(b) (5)

Thanks,

(b) (6), (b) (7)(C) (ctr)

Project Manager-DLI

Border Patrol Facilities and Tactical Infrastructure

Facilities Management and Engineering

US Customs and Border Protection

150 West Park Way, Ste 200

Euless, Texas 76040-3962

(O) (b) (6), (b) (7)(C)

(BB) (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: TICI Wkg Group
Date: Wednesday, January 30, 2013 12:05:19 PM

(b) (6), (b) (7)(C)

I've had a chance to review the FRPC (Federal Real Property Council) guidance in more detail, and to discuss the guidance with the folks who work the FCI (Facility Condition Index) process. They confirmed what the guidance says, that we will only capture M&R work for the FCI calculation that's needed to "ensure that a constructed asset is restored to a condition substantially equivalent to the originally intended and designed capacity, efficiency, or capability". Anything needed to correct a mission gap, that wasn't part of the original design of the asset, wouldn't be captured in this index.

With that in mind, (b) (5)

Please let me know if that makes sense, and please call if you want to discuss it some more. If it would help to get together with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) to discuss the overall approach, let me know.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 16, 2013 12:29 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: TICI Wkg Group

(b) (6), (b) (7)(C)

Based on your response and comments from ORMB, (b) (5), (b)(6);(b)(7)(C)

Thanks.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Director-Border Patrol TI
SPPA-ORMB
Headquarters Border Patrol
(b) (6), (b) (7)(C) Office
(b) (6), (b) (7)(C) BB



From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 15, 2013 3:05 PM
To: (b) (6), (b) (7)(C)
Subject: RE: TICI Wkg Group

(b) (6), (b) (7)(C)

Below is the best info I've been able to drag up, considering we haven't had our first meeting on it. I haven't run this by our management, so if I need to, please let me know.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PE, PMP
Program Manager
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 15, 2013 1:48 PM
To: (b) (6), (b) (7)(C)
Subject: RE: TICI Wkg Group

(b) (6), (b) (7)(C)

Thanks for the paper. I believe the critical piece that needs explanation is the Condition Index. A practical application discussion would go a long way in answering the questions I am fielding on my side. Everything we build, [lights, fence, drainage structures, and roads] has a shelf life. In the case of new fence, the program had a requirement the fence would last X years. For roads, designs carry standards for various structures. The shelf life and/or M&R needs of lighting are based on date of deployment and quality of materials deployed. All of these things are part of the CI discussion.

(b) (5), (b) (7)(E)

(b) (5)

Thanks

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Director-Border Patrol TI

SPPA-ORMB

Headquarters Border Patrol

(b) (6), (b) (7)(C) Office

(b) (6), (b) (7)(C) BB



From: (b) (6), (b) (7)(C)

Sent: Monday, January 14, 2013 2:11 PM

To: (b) (6), (b) (7)(C)

Subject: TICI Wkg Group

(b) (6), (b) (7)(C)

As requested, attached is a write-up that you can use to coordinate with management for OBP and Sector BP participation on our working group for the TI Condition Index initiative.

Please let me know if you have any questions on it. Thanks!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) PE, PMP

Program Manager

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

*"Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy"*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Lease
Date: Tuesday, March 14, 2017 11:18:17 AM

It is ok. I'll let you all if you all need to be involved...Stand by..

(b) (6), (b) (7)(C), CBM, PMP
Director-Real Estate, Environmental and Leasing Services (REEL)
Border Patrol Air & Marine Program Management Office (BPAM PMO)
DHS-CBP-ES-FM&E
(b) (6), (b) (7)(C) (cell)



From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 14, 2017 9:56 AM
To: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Lease

I also asked for the attachment referenced in the first email so that we could better understand what this site is.

(b) (6), (b) (7)(C), P.E., PMP
SME, TI Division
LMI Government Consulting
Border Patrol & Air and Marine Program Management Office (BPAM PMO)
Facilities Management & Engineering
U.S. Customs and Border Protection

Mobile (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 14, 2017 9:50 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Lease

Would love to help but this site is not ringing any bells for me. I have reached out to (b) (6), (b) (7)(C) and offered assistance if needed.

(b) (6), (b) (7)(C), P.E., PMP

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 14, 2017 9:34 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Lease

Hmmm...I would think it is one or the other....so you don't need to be there?

(b) (6), (b) (7)(C), CBM, PMP

Director-Real Estate, Environmental and Leasing Services (REEL)

Border Patrol Air & Marine Program Management Office (BPAM PMO)

DHS-CBP-ES-FM&E

(b) (6), (b) (7)(C) (cell)



From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 14, 2017 9:33 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Lease

(b) (6), (b) (7)(C)

Is (b) (5), (b) (7)(E)

(b) (6), (b) (7)(C), P.E., PMP

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Monday, March 13, 2017 4:57 PM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Lease

(b) (6), (b) (7)(C) or (b) (6)

Can you all help?

From: (b) (6), (b) (7)(C)

Sent: Monday, March 13, 2017 4:01:38 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Lease

(b) (5)

(b) (6), (b) (7)(C)

Program Manager, Tower Lease Program

Real Estate, Environmental and Leasing Division (REEL)

Border Patrol & Air and Marine Program Office (BPAM PMO)

Facilities Maintenance and Engineering (FM&E)

US Customs and Border Protection

150 Westpark Way, Euless, Texas

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, March 10, 2017 12:44 PM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) >

Cc: (b) (6), (b) (7)(C) >

Subject: RE: (b) (7)(E) Lease

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) is putting together the RFP for the W****

So he would be the right person.

Regards,

(b) (6), (b) (7)(C), CBM, PMP

Director-Real Estate, Environmental and Leasing Services (REEL)
Border Patrol Air & Marine Program Management Office (BPAM PMO)
DHS-CBP-ES-FM&E
202 870 7430 (cell)



From: (b) (6), (b) (7)(C)

Sent: Friday, March 10, 2017 1:40 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Lease

(b) (6), (b) (7)(C)

(b) (5)

(b) (5), (b)(6);(b)(7)(C)

(b) (6), (b) (7)(C)

Program Manager, Tower Lease Program
Real Estate, Environmental and Leasing Division (REEL)
Border Patrol & Air and Marine Program Office (BPAM PMO)
Facilities Maintenance and Engineering (FM&E)
US Customs and Border Protection
150 Westpark Way, Euless, Texas

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, March 10, 2017 10:48 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Lease

(b) (6), (b) (7)(C)

Thank you.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), CBM, PMP

Director-Real Estate, Environmental and Leasing Services (REEL)

Border Patrol Air & Marine Program Management Office (BPAM PMO)

DHS-CBP-ES-FM&E

(b) (6), (b) (7)(C) (cell)



From: (b) (6), (b) (7)(C)

Sent: Thursday, March 9, 2017 4:25 PM

To: (b) (6), (b) (7)(C)

Subject: (b) (7)(E) Lease

(b) (5)

(b) (5)

(b) (6), (b) (7)(C)

Senior Attorney
U.S. Customs and Border Protection
Office of Assistant Chief Counsel, Indianapolis
6650 Telecom Dr.
Indianapolis, IN 46278

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

~~This communication might contain communications between attorney and client, communications that are part of the agency deliberative process, or attorney work product, all of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel, Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.~~

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Otay Truck Route Call
Date: Wednesday, April 20, 2016 6:38:48 PM

All,

(b) (6), (b) (7)(C) and I had a conference call with the City of San Diego engineer (b) (6) today. (b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

1. (b) (5), (b)(6);(b)(7)(C)
2. (b) (5), (b)(6);(b)(7)(C)
3. (b) (5), (b)(6);(b)(7)(C)
4. (b) (5), (b)(6);(b)(7)(C)

I will discuss more about this during our call tomorrow.

(b) (6), (b) (7)(C), **PE, PMP**
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection
Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
*Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: Touching Base....
Date: Wednesday, May 29, 2013 10:52:29 AM

What a fabulous email!!!!

(b) (6), (b) (7)(C) *PMI*
Executive Assistant
DHS-CBP FM&E BPFTI
II Division-Projects/M&R
(b) (6), (b) (7)(C) *Desk*
(b) (6), (b) (7)(C) *BB*

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 29, 2013 10:51 AM
To: (b) (6), (b) (7)(C)
(b) (6)
Subject: Touching Base....

Team:

Just touching base with you all. Hope you all had a good weekend and a good Memorial day.

Things are quiet up on the Hill. We are waiting to hear on the CIR Bill passage sometime in June. Will keep everyone posted.

At the end of this week there will be an OA Leadership meeting, and my plan is to pass on what I hear from our Leadership related to anything discussing Sequestration or CBP related.

As you all know, our Acting Commissioner has sent up a plan to avoid Furloughs for this FY.

As I understand it, the Plan is with DHS and then will go to the White House and then Congress for approval.

Just as awareness, we have a new process in place to approve any funding for the remainder of the year. This process includes a CBP board that meets every two weeks. The board reviews and either approves or rejects the funding requests. Be aware that if you need any funding, make sure you look at the lead time to get it approved thru (b) (6), (b) (7) to me to OTIA to the Board. Three weeks is a fair assumption.

Moreover, I have put in place a stringent process for funding requests. Please note that at this point, all funding requests need to go to (b) (6), (b) (7) (M&R), (b) (6), (b) (7)(C) (Projects/Milcon) or (b) (6), (b) (7)(C) (Towers/ (b) (7)(E)). They in turn will work with me and I'll work with BPFTI Budget and Procurement. Please refrain from calling or emailing Budget and/or Procurement. This process is in place to avoid opportunities for miss-understandings and miss-directions while we sort thru Sequestration.

Note that next week is TI PMR week. Let's be ready to shine next week.

I appreciate everyone working hard and keeping things going for our Border Patrol.

Have a safe week and we'll be back to our regular Staff Meetings next Monday.

Warm Regards,

(b) (6), (b) (7)(C), CBM, PMP

Division Director, TI Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

1301 Constitution Ave. NW, Suite B-155

Washington, DC 20004

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: TI Inventory
Date: Thursday, May 30, 2013 3:35:22 PM

Thanks. We'll need to discuss next week.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6)
Sent: Thursday, May 30, 2013 10:39 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: TI Inventory

(b) (6), (b) (7)(C) and I met this morning to look at the latest report of TI Inventory from (b) (6), (b) (7) We have the following comments from our review. Responses to (b) (6), (b) (7)(C) questions are embedded into his questions below.

(b) (5)

I have embedded responses to (b) (6), (b) (7)(C) questions below. Some of the responses need corroboration by (b) (6), (b) (7) or maybe some additional input from (b) (6), (b) (7) but answers are from (b) (6), (b) (7)(C) and I based on our involvement in the process.

(b) (6), (b) (7)(C) and I hope this information helps and we stand ready to provide additional information or reviews as required. We also think that the spreadsheet should be modified slightly. I met with (b) (6), (b) (7)(C) and he needs some guidance from (b) (6), (b) (7) before he will make any major changes to the spreadsheet. (b) (6), (b) (7) (b) (6), (b) (7)(C) and I need to meet and compare our thoughts on how the spreadsheet

should be "tweaked".

(b) (6) PE, CCE, PMP



2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) P

Complex Problems. Practical Solutions.
www.lmi.org

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 29, 2013 8:35 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: RE: TI Inventory

(b) (6), (b) (7)(C)

I am trying to establish some correlations within the back log estimate.

(b) (5)

Overall, this is very good. Great insight into what is out there and what we project as costs.

I know that you all are working hard and it is appreciated. We just need to make sure that the numbers “jibe” and we can defend the costs.

This is much closer that we have been in years. Keep up the good work and let’s set up a meeting to “murder board” this next week.

Thanks.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 28, 2013 3:06 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: FW: TI Inventory

Sir,

Attached are the most current inventory files for all Sectors. Presently at (b) (5) (requires confirmation with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) on some numbers).

(b) (6), (b) (7)(C) is still working EPT updates with (b) (6), (b) (7)(C) for us and I expect them late this week.

(b) (6), (b) (7)(C) will provide his updates for YUM and ELC this week as well – I’ve instructed him to cc you on these updates.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
*Branch Chief - TI Division Projects, Maintenance and Repair
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)*

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 23, 2013 3:11 PM
To: (b) (6), (b) (7)(C)
Subject: TI Inventory

(b) (6), (b) (7)

See attached for the updates. The only sector missing, for the PMs that are here, is El Paso.

Regards,

(b) (6), (b) (7)(C)
Program Analyst, Business Operations
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
Phone: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

From: (b) (6), (b) (7)(C)
To: (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: TI Inventory
Date: Wednesday, May 29, 2013 11:18:11 AM

Ok. Thanks...Look forward to the answers...

(b) (6), (b) (7)(C) CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 29, 2013 11:10 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: TI Inventory

(b) (6), (b) (7)(C) and I are meeting tomorrow afternoon to review the "final" document that has been provided to (b) (6), (b) (7)(C). We will provide answers to questions at that time.

(b) (6), PE, CCE, PMP



2000 Corporate Ridge
McLean, VA 22102-7805
(b) (6) P

Complex Problems. Practical Solutions.
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From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 29, 2013 10:02 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: RE: TI Inventory

Sir,

All very good questions. I need (b) (6), (b) (7)(C) to assist with some of the answers as they can help with many of them. The PMs and I will fill in the balance before our 'murder board' next week and I'll get back with you. Right now I'm full up focused on TCA WG issues; got hit with a few new ones yesterday afternoon and will brief you on them all after my meetings with the staff.

I appreciate the kudos to the team...they've all worked very hard to get us where we need to be on the TI Inventory and Backlog questions!

(b) (6), (b) (7)(C),

Please reply to all with responses to the questions you can answer below.

Thanks all!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

*Branch Chief - TI Division Projects, Maintenance and Repair
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering*

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, May 29, 2013 8:35 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6) | (b) (6), (b) (7)(C)

Subject: RE: TI Inventory

(b) (6), (b) (7)(C)

I am trying to establish some correlations within the back log estimate.

(b) (5)

Overall, this is very good. Great insight into what is out there and what we project as costs.

I know that you all are working hard and it is appreciated. We just need to make sure that the

numbers “jibe” and we can defend the costs.

This is much closer that we have been in years. Keep up the good work and let's set up a meeting to “murder board” this next week.

Thanks.

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 28, 2013 3:06 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Subject: FW: TI Inventory

Sir,

Attached are the most current inventory files for all Sectors. Presently at (b) (5) (requires confirmation with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) on some numbers).

(b) (6), (b) (7)(C) is still working EPT updates with (b) (6), (b) (7)(C) for us and I expect them late this week.

(b) (6), (b) (7)(C) will provide his updates for YUM and ELC this week as well – I've instructed him to cc you on these updates.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
*Branch Chief - TI Division Projects, Maintenance and Repair
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)*

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 23, 2013 3:11 PM
To: (b) (6), (b) (7)(C)

Subject: TI Inventory

(b) (6), (b) (7)

See attached for the updates. The only sector missing, for the PMs that are here, is El Paso.

Regards,

(b) (6), (b) (7)(C)

Program Analyst, Business Operations
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
Phone: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: TI Inventory Review ("Black Hat" prior to Division PMR with (b) (6), (b) (7)(C))
Date: Thursday, June 06, 2013 1:02:18 PM

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C), *Program Manager, COR*

Border Patrol Facilities and Tactical Infrastructure

Facilities Management and Engineering

Tactical Infrastructure Division (Maintenance & Repair)

(b) (6), (b) (7)(C) work

(b) (6), (b) (7)(C) cell

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Thursday, June 06, 2013 11:36 AM
To: (b) (6), (b) (7)(C)
Subject: RE: TI Inventory Review ("Black Hat" prior to Division PMR with (b) (6), (b) (7)(C))

See attached for today's meeting

<< File: TI Inventory & Backlog 5242013wSum.xlsx >>

(b) (6), (b) (7)(C)

Program Analyst, Business Operations

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

Phone: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

-----Original Appointment-----

From: (b) (6), (b) (7)(C)

Sent: Wednesday, June 05, 2013 6:00 PM

To: (b) (6), (b) (7)(C)

(b) (6) ; (b) (6), (b) (7)(C)

Subject: TI Inventory Review ("Black Hat" prior to Division PMR with (b) (6), (b) (7)(C))

When: Thursday, June 06, 2013 1:00 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: (b) (7)(E)

Importance: High

PMs,

(b) (6), (b) (7) has limited time available tomorrow on his schedule and I wanted to make sure we get the TI Inventory updates in front of him for the Black Hat review I described yesterday during our branch staff mtg.

Review/refresh on the Q&A and comments from (b) (6), (b) (7) and (b) (6), (b) (7) below. Provide (b) (6), (b) (7) your most up-to-date version of the TI Inventory for your sector(s) Thursday morning for our 1-hour review with (b) (6), (b) (7) in the afternoon.

Focus on the improving the quality of the information, especially the "NOTES" section that should explain to an average reader (me) the basis for the estimate, how unit costs were developed, source of information used (if available).

At this point your numbers should be solid whether you're at 80/20 or 90/10 confidence level. The Q&A and comments pasted below will provide you a good guide to the focus areas for your efforts, and this will be our focus on the review.

Thanks,

(b) (6), (b) (7)

From: (b) (6)

Sent: Thursday, May 30, 2013 10:39 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: TI Inventory

(b) (6), (b) (7)(C) and I met this morning to look at the latest report of TI Inventory from (b) (6), (b) (7)(C). We have the following comments from our review. Responses to (b) (6), (b) (7)(C) questions are embedded into his questions below.

(b) (5)

I have embedded responses to (b) (6), (b) (7)(C) questions below. Some of the responses need corroboration by (b) (6), (b) (7) or maybe some additional input from (b) (6), (b) (7)(C) but answers are from (b) (6), (b) (7)(C) and I based on our involvement in the process.

(b) (6), (b) (7)(C) and I hope this information helps and we stand ready to provide additional information or reviews as required. We also think that the spreadsheet should be modified slightly. I met with (b) (6), (b) (7)(C) and he needs some guidance from (b) (6), (b) (7) before he will make any major changes to the spreadsheet. (b) (6), (b) (7)(C) and I need to meet and compare our thoughts on how the spreadsheet should be "tweaked".

(b) (6), PE, CCE, PMP

2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) P

Complex Problems. Practical Solutions.
www.lmi.org

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 29, 2013 8:35 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (6), (b) (7)(C)
Subject: RE: TI Inventory

(b) (6), (b) (7)(C)

I am trying to establish some correlations within the back log estimate.

(b) (5)

Overall, this is very good. Great insight into what is out there and what we project as costs.

I know that you all are working hard and it is appreciated. We just need to make sure that the numbers “jibe” and we can defend the costs.

This is much closer that we have been in years. Keep up the good work and let’s set up a meeting to “murder board” this next week.

Thanks.

(b) (6), (b) (7)(C), CBM, PMP

Division Director, TI Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

1301 Constitution Ave. NW, Suite B-155

Washington, DC 20004

Office (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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BW23 FOIA CBP 002783

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Legacy Power System cost estimate
Date: Tuesday, May 26, 2015 5:58:48 PM

Good email thanks..

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 26, 2015 5:58 PM
To: Steven.Roach@faa.gov; Brent Edgemon (brent.edgemon@faa.gov)
Cc: Matthew.Garcia@faa.gov; Kent.Webb@faa.gov; (b) (6), (b) (7)(C)
Subject: RE: (b) (6) Legacy Power System cost estimate
Importance: High

Steven – (b) (5)

(b) (5)

(b) (5)

(b) (5)

Brent – on 5/18 we did receive your breakout, (b) (5)

(b) (5)

Please do not hesitate to call me to work through this task as we have a due back to OTIA before Thursday 5/28 this week.

(b) (6), (b) (7)(C), PMP, LEED AP
Program Manager, Towers
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
(b) (6), (b) (7)(C) (c)
(b) (6), (b) (7)(C) (w)
(b) (6), (b) (7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: Steven.Roach@faa.gov [<mailto:Steven.Roach@faa.gov>]
Sent: Friday, April 17, 2015 10:57 AM
To: (b) (6), (b) (7)(C)
Cc: Brent.Edgemon@faa.gov; Matthew.Garcia@faa.gov; Kent.Webb@faa.gov; Kenneth.Hammond@faa.gov; (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Legacy Power System cost estimate

I could provide this but at that level why is OTIA involved, the estimated cost is just that and what benefit is provided for breaking it down further. To this point I'm intrigued by OTIA asking for a Cost Estimate to be broken down to that level. The only reasons I bring this up is we try to maintain

consistency across all of our estimates while following [Government Accountability Office \(GAO\) estimate guide](#). The costs for each area (concrete work, LPS/Grounding, Power, and fence) are unique for each site.

In any case if you still desire this, it will likely take me a few days to get to this item (a lot on the my plate).

v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FAALC)

Direct (405) 204-2133 (*Preferred*)

Office (405) 954-1252

Fax (405) 954-1204

Steven.Roach@faa.gov

From: (b) (6), (b) (7)(C)
Sent: Friday, April 17, 2015 12:44 PM
To: Roach, Steven (FAA)
Cc: Edgemon, Brent (FAA); Garcia, Matthew (FAA); Webb, Kent (FAA); Hammond, Kenneth (FAA); (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Legacy Power System cost estimate

(b) (6)

Thank you for this. (b) (5)

. OTIA has asked for a more detailed breakdown.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

From: Steven.Roach@faa.gov [<mailto:Steven.Roach@faa.gov>]
Sent: Friday, April 17, 2015 1:13 PM
To: (b) (6), (b) (7)(C)
Cc: Brent.Edgemon@faa.gov; Matthew.Garcia@faa.gov; Kent.Webb@faa.gov; Kenneth.Hammond@faa.gov
Subject: (b) (6) Legacy Power System cost estimate

(b) (6), (b) (7)(C)

I was asked to send this to you by COB today. Included in the notes section is the individual phase approach costs.

v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FALC)

Direct (405) 204-2133 (*Preferred*)

Office (405) 954-1252

Fax (405) 954-4204

Steven.Roach@faa.gov

From: (b) (6), (b) (7)(C)
To: "Brent.Edgemon@faa.gov"
Subject: Re: Legacy PRD Status
Date: Monday, June 01, 2015 7:37:06 PM

Please. I need to review. I am in San Diego all day..

From: Brent.Edgemon@faa.gov [mailto:Brent.Edgemon@faa.gov]
Sent: Monday, June 01, 2015 04:26 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Legacy PRD Status

Getting close, will have it for you tomorrow.

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: (b) (6), (b) (7)(C)
Sent: Monday, June 01, 2015 6:25 PM
To: Edgemon, Brent (FAA)
Subject: Re: Legacy PRD Status

How are we coming along with the EAC for YUMA?

From: Brent.Edgemon@faa.gov [mailto:Brent.Edgemon@faa.gov]
Sent: Monday, June 01, 2015 04:22 PM
To: (b)(6);(b)(7)(C)
Cc: Matthew.Garcia@faa.gov <Matthew.Garcia@faa.gov>; Kent.Webb@faa.gov <Kent.Webb@faa.gov>; (b) (6), (b) (7)(C); Steven.Roach@faa.gov <Steven.Roach@faa.gov>
Subject: FW: Legacy PRD Status

(b) (6), (b) (7) per your request see responses in red below.

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: Edgemon, Brent (FAA)
Sent: Thursday, May 28, 2015 11:50 AM
To: (b) (6), (b) (7)(C)
Cc: Garcia, Matthew (FAA); Webb, Kent (FAA); (b) (6), (b) (7)(C)
Subject: FW: Legacy PRD Status

See detailed response below.

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: Roach, Steven (FAA)
Sent: Thursday, May 28, 2015 12:29 AM
To: Edgemon, Brent (FAA)
Subject: RE: Legacy PRD Status

Brent,

I think this is what (b) (6), (b) (7) and (b) (6), (b) (7) are looking for.

(b) (5)

(b) (5)

(b) (5)

v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FAALC)

Direct (405) 204-2133 (*Preferred*)

Office (405) 954-1252

Fax (405) 954-1204

Steven.Roach@faa.gov

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 26, 2015 1:54 PM

To: Edgemon, Brent (FAA); Roach, Steven (FAA)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Legacy PRD Status

Steven – (b) (5)

(b) (6), (b) (7)(C), PMP, LEED AP

Program Manager, Towers

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

(b) (6), (b) (7)(C) (c)

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: Brent.Edgemon@faa.gov [<mailto:Brent.Edgemon@faa.gov>]

Sent: Tuesday, May 19, 2015 9:54 AM

To: (b) (6), (b) (7)(C)

Subject: RE: Legacy PRD Status

You are correct, let me see what I can come up with.

DOT/FAA/MMAC Radar Product Division

AML-2070 Structure Support Branch Program Manager

Office: 405-954-1263

Cell: (b) (6)

FAX: 405-954-4204

brent.edgemon@faa.gov

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 19, 2015 11:45 AM

To: Edgemon, Brent (FAA); (b) (6), (b) (7)(C)

Subject: RE: Legacy PRD Status

Brent,

(b) (5)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

From: Brent.Edgemon@faa.gov [<mailto:Brent.Edgemon@faa.gov>]

Sent: Tuesday, May 19, 2015 12:11 PM

To: (b) (6), (b) (7)(C)

Subject: FW: Legacy PRD Status

(b) (5)

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: Edgemon, Brent (FAA)

Sent: Monday, May 18, 2015 11:10 AM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); Roach, Steven (FAA)

Subject: RE: Legacy PRD Status

My apologies, I had this done Friday but forgot to send it. (b) (5)

(b) (5)

(b) (5)

Assumptions

(b) (5)

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: (b) (6), (b) (7)(C)
Sent: Monday, May 18, 2015 10:51 AM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C) Roach, Steven (FAA)
Cc: Edgemon, Brent (FAA)
Subject: RE: Legacy PRD Status

(b) (6), (b) (7)(C)

Please see below in red for my input.

Per (b) (6), (b) (7)(C) guidance for capturing 2 years of M&R costs in PRDs, we also need any increased M&R costs (ie increased propane costs, increased vegetation control estimate due to the larger footprint, etc). My understanding is we only need the increase due to the larger footprint and new system, not the total M&R estimates.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP
TI SME, BPFTI
LMI Government Consulting
BB: (b) (6), (b) (7)(C)
Telework: Tuesdays and Fridays

From: (b) (6), (b) (7)(C)
Sent: Monday, May 18, 2015 9:42 AM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C);
'Steven.Roach@faa.gov'
Cc: 'brent.edgemon@faa.gov'
Subject: Fw: Legacy PRD Status

(b) (6), (b) (7)(C) - we need to coordinate a response to (b) (6), (b) (7)(C) questions below.

(b) (5)

(b) (6), (b) (7)(C), PMP, LEED AP
Program Manager
BPFTI PMO Towers
BB (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, May 18, 2015 03:09 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Legacy PRD Status

(b) (6), (b) (7)(C)

We definitely need to discuss. (b) (5), (b) (7)(E)

[REDACTED]

I'm available any time this week.

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, May 14, 2015 2:41 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Legacy PRD Status

Importance: High

(b) (6), (b) (7)(C) – my apologies, I was in training and then out in the field this week.

Update on legacy PRD (2) items;

1.

2.

(b) (5)

I propose we have a teleconference to confirm all estimates/costs associated with the PRD and to provide clarity with all the associated estimates/costs prior to signing the PRD (my opinion) – including update on RE status.

(b) (6), (b) (7)(C), PMP, LEED AP

Program Manager, Towers

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

(b) (6), (b) (7)(C) (c)

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b) (6), (b) (7)(C)

“Excel as a trusted strategic partner enhancing Border Patrol's proud legacy”

From: (b) (6), (b) (7)(C)

Sent: Monday, May 11, 2015 3:17 PM

To: (b) (6), (b) (7)(C)

Subject: Legacy PRD Status

(b) (6), (b) (7)(C)

Do you have a status on the PRD? Border Patrol is looking for a schedule for planning purposes and operational impact.

v/r

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Office of Technology Innovation and Acquisition
U.S. Customs and Border Protection (CBP)
1901 S. Bell St.
Arlington VA 22202

Ofc: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

Note: The Contracting Officer is the sole individual authorized to make changes to the contract on behalf of the Government. The content of this email is not intended to change the existing scope of contract. If the Contractor considers any part of this communication to constitute a change in scope, the Contractor shall notify the Contracting Officer in accordance with FAR Clause 52.243-7, Notifications of Changes.

From: (b)(6);(b)(7)(C)
To: (b)(6);(b)(7)(C) Brent.Edgemon@faa.gov
Cc: (b)(6);(b)(7)(C) aa.gov; Kent.Webb@faa.gov; (b)(6);(b)(7)(C) Steven.Roach@faa.gov
Subject: RE: Legacy PRD Status
Date: Tuesday, June 02, 2015 10:07:23 AM

Yes it does – and has been sent to (b)(6);(b)(7)(C) for review.

(b)(6);(b)(7)(C) PMP, LEED AP
Program Manager, Towers
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
(b)(6);(b)(7)(C) c)
(b)(6);(b)(7)(C) w)

(b)(6);(b)(7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b)(6);(b)(7)(C)

“Excel as a trusted strategic partner enhancing Border Patrol's proud legacy”

From: (b)(6);(b)(7)(C)
Sent: Monday, June 01, 2015 9:01 PM
To: Brent.Edgemon@faa.gov; (b)(6);(b)(7)(C)
Cc: Matthew.Garcia@faa.gov; Kent.Webb@faa.gov; (b)(6);(b)(7)(C) Steven.Roach@faa.gov
Subject: RE: Legacy PRD Status

Ok. (b) (7)(E)

From: Brent.Edgemon@faa.gov [<mailto:Brent.Edgemon@faa.gov>]
Sent: Monday, June 01, 2015 4:23 PM
To: (b)(6);(b)(7)(C)
Cc: Matthew.Garcia@faa.gov; Kent.Webb@faa.gov; (b)(6);(b)(7)(C)
Steven.Roach@faa.gov
Subject: FW: Legacy PRD Status

(b)(6);(b)(7)(C) per your request see responses in red below.

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: Edgemon, Brent (FAA)
Sent: Thursday, May 28, 2015 11:50 AM
To: (b)(6);(b)(7)(C)
Cc: Garcia, Matthew (FAA); Webb, Kent (FAA); (b)(6);(b)(7)(C)

Subject: FW: Legacy PRD Status

See detailed response below.

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: Roach, Steven (FAA)
Sent: Thursday, May 28, 2015 12:29 AM
To: Edgemon, Brent (FAA)
Subject: RE: Legacy PRD Status

Brent,

I think this is what (b)(6);(b)(7)(C) and (b)(6);(b)(7)(C) are looking for.

(b) (5)

(b) (5)

(b) (5)

v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FAALC)

Direct (405) 204-2133 (*Preferred*)

Office (405) 954-1252

Fax (405) 954-1204

Steven.Roach@faa.gov

From: (b)(6);(b)(7)(C)

Sent: Tuesday, May 26, 2015 1:54 PM

To: Edgemon, Brent (FAA); Roach, Steven (FAA)
Cc: (b)(6);(b)(7)(C)
Subject: FW: Legacy PRD Status

Steven – (b) (5)

(b)(6);(b)(7)(C) PMP, LEED AP
Program Manager, Towers
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering

(b)(6);(b)(7)(C) c)
w)

(b)(6);(b)(7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b)(6);(b)(7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: Brent.Edgemon@faa.gov [<mailto:Brent.Edgemon@faa.gov>]

Sent: Tuesday, May 19, 2015 9:54 AM

To: (b)(6);(b)(7)(C)

Subject: RE: Legacy PRD Status

You are correct, let me see what I can come up with.

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: (b)(6);(b)(7)(C)

Sent: Tuesday, May 19, 2015 11:45 AM

To: Edgemon, Brent (FAA); (b) (6), (b) (7)

Subject: RE: Legacy PRD Status

Brent,

(b) (5)

Thanks,

(b)(6);(b)(7)(C)

(b)(6);(b)(7)(C) P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b)(6);(b)(7)(C)

Telework: Tuesdays and Fridays

From: Brent.Edgemon@faa.gov [<mailto:Brent.Edgemon@faa.gov>]

Sent: Tuesday, May 19, 2015 12:11 PM

To (b)(6);(b)(7)(C)

Subject: FW: Legacy PRD Status

(b) (5)

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: Edgemon, Brent (FAA)

Sent: Monday, May 18, 2015 11:10 AM

To: (b)(6);(b)(7)(C); (b) (6) (b)(6);(b)(7)(C) Roach,
Steven (FAA)

Subject: RE: Legacy PRD Status

My apologies, I had this done Friday but forgot to send it. (b) (5)

(b) (5)

(b) (5)

Assumptions

(b) (5)

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: (b)(6);(b)(7)(C)
Sent: Monday, May 18, 2015 10:51 AM
To: (b)(6);(b)(7)(C) (b) (6); (b)(6);(b)(7)(C) Roach, Steven (FAA)
Cc: Edgemon, Brent (FAA)
Subject: RE: Legacy PRD Status

(b)(6);(b)(7)(C)

Please see below in red for my input.

Per (b)(6);(b)(7)(C) guidance for capturing 2 years of M&R costs in PRDs, we also need any increased M&R costs (ie increased propane costs, increased vegetation control estimate due to the larger footprint, etc). My understanding is we only need the increase due to the larger footprint and new system, not the total M&R estimates.

Thanks,

(b)(6);(b)(7)(C)

(b)(6);(b)(7)(C), P.E., LEED AP
TI SME, BPFTI
LMI Government Consulting
BB: (b)(6);(b)(7)(C)
Telework: Tuesdays and Fridays

From: (b)(6);(b)(7)(C)
Sent: Monday, May 18, 2015 9:42 AM
To: (b)(6);(b)(7)(C); (b) (6); (b)(6);(b)(7)(C);
'Steven.Roach@faa.gov'
Cc: 'brent.edgemon@faa.gov'
Subject: Fw: Legacy PRD Status

(b)(6);(b)(7)(C) - we need to coordinate a response to Kathryn's questions below.

(b) (5)

(b)(6);(b)(7)(C) PMP, LEED AP
Program Manager
BPFTI PMO Towers
BB: (b)(6);(b)(7)(C)

From: (b)(6);(b)(7)(C) N
Sent: Monday, May 18, 2015 03:09 AM
To: (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)
Subject: RE: Legacy PRD Status

(b)(6);(b)(7)(C)

We definitely need to discuss. (b) (5), (b) (7)(E)

(b)(6);(b)(7)(C)

(b)(6);(b)(7)(C)

(b)(6);(b)(7)(C)

I'm available any time this week.

v/r
(b)(6);(b)(7)(C)

From: (b)(6);(b)(7)(C)
Sent: Thursday, May 14, 2015 2:41 PM
To: (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)
Subject: RE: Legacy PRD Status
Importance: High

(b)(6);(b)(7)(C) – my apologies, I was in training and then out in the field this week.

Update on legacy PRD (2) items;

1.

2.

(b) (5)

I propose we have a teleconference to confirm all estimates/costs associated with the PRD and to provide clarity with all the associated estimates/costs prior to signing the PRD (my opinion) – including update on RE status.

(b)(6);(b)(7)(C), PMP, LEED AP
Program Manager, Towers
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
(b)(6);(b)(7)(C)(c)
(w)
(b)(6);(b)(7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b)(6);(b)(7)(C)

“Excel as a trusted strategic partner enhancing Border Patrol's proud legacy”

From: (b)(6);(b)(7)(C)
Sent: Monday, May 11, 2015 3:17 PM
To: (b)(6);(b)(7)(C)
Subject: Legacy PRD Status

(b)(6);(b)(7)(C)

Do you have a status on the PRD? Border Patrol is looking for a schedule for planning purposes and operational impact.

v/r

(b)(6);(b)(7)(C)

(b)(6);(b)(7)(C)

Office of Technology Innovation and Acquisition
U.S. Customs and Border Protection (CBP)

1901 S. Bell St.

Arlington VA 22202

Ofc: (b)(6);(b)(7)(C)

Email: (b)(6);(b)(7)(C)

Note: The Contracting Officer is the sole individual authorized to make changes to the contract on behalf of the Government. The content of this email is not intended to change the existing scope of contract. If the Contractor considers any part of this communication to constitute a change in scope, the Contractor shall notify the Contracting Officer in accordance with FAR Clause 52.243-7, Notifications of Changes.

From: (b) (6), (b) (7)(C)
To: Steven.Roach@faa.gov; (b) (6), (b) (7)(C); Brent.Edgemon@faa.gov
Cc: (b) (6), (b) (7)(C); Kent.Webb@faa.gov
Subject: RE: (b) (7)(E) Legacy Cost Difference (phase 1 & phase 2)
Date: Tuesday, June 02, 2015 4:58:01 PM

All,

That graphic was in the PRD describing the current layout.

(b) (5), (b) (7)(E)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

From: Steven.Roach@faa.gov [mailto:Steven.Roach@faa.gov]
Sent: Tuesday, June 02, 2015 4:22 PM
To: (b) (6), (b) (7)(C); Brent.Edgemon@faa.gov
Cc: (b) (6), (b) (7)(C); Kent.Webb@faa.gov
Subject: RE: (b) (7)(E) Legacy Cost Difference (phase 1 & phase 2)

(b) (6), (b) (7)(C)

(b) (5), (b) (7)(E)

(b) (7)(E), (b) (5)

v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FAALC)

Direct (405) 204-2133 (*Preferred*)

Office (405) 954-1252

Fax (405) 954-1204

Steven.Roach@faa.gov

From: (b) (6), (b) (7)(C)

Sent: Tuesday, June 02, 2015 3:03 PM

To: Edgemon, Brent (FAA); Roach, Steven (FAA)

Cc: (b) (6), (b) (7)(C); Webb, Kent (FAA)

Subject: RE: (b) (7)(E) Legacy Cost Difference (phase 1 & phase 2)

Importance: High

Brent & Steven – (b) (5)

Your thoughts and proposed resolution are requested.

(b) (7)(E), (b) (5)

(b) (6), (b) (7)(C), PMP, LEED AP

Program Manager, Towers

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

(b) (6), (b) (7)(C) (c)

(b) (6), (b) (7)(C)(w)

(b) (6), (b) (7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)

Sent: Tuesday, June 02, 2015 7:03 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) Brent Edgemon (brent.edgemon@faa.gov); (b)(6);(b)(7)(C)

(b)(6);(b)(7)(C); Steven.Roach@faa.gov; (b) (6), (b) (7)(C)

; Kent.Webb@faa.gov

Subject: (b) (7)(E) Legacy Cost Difference (phase 1 & phase 2)

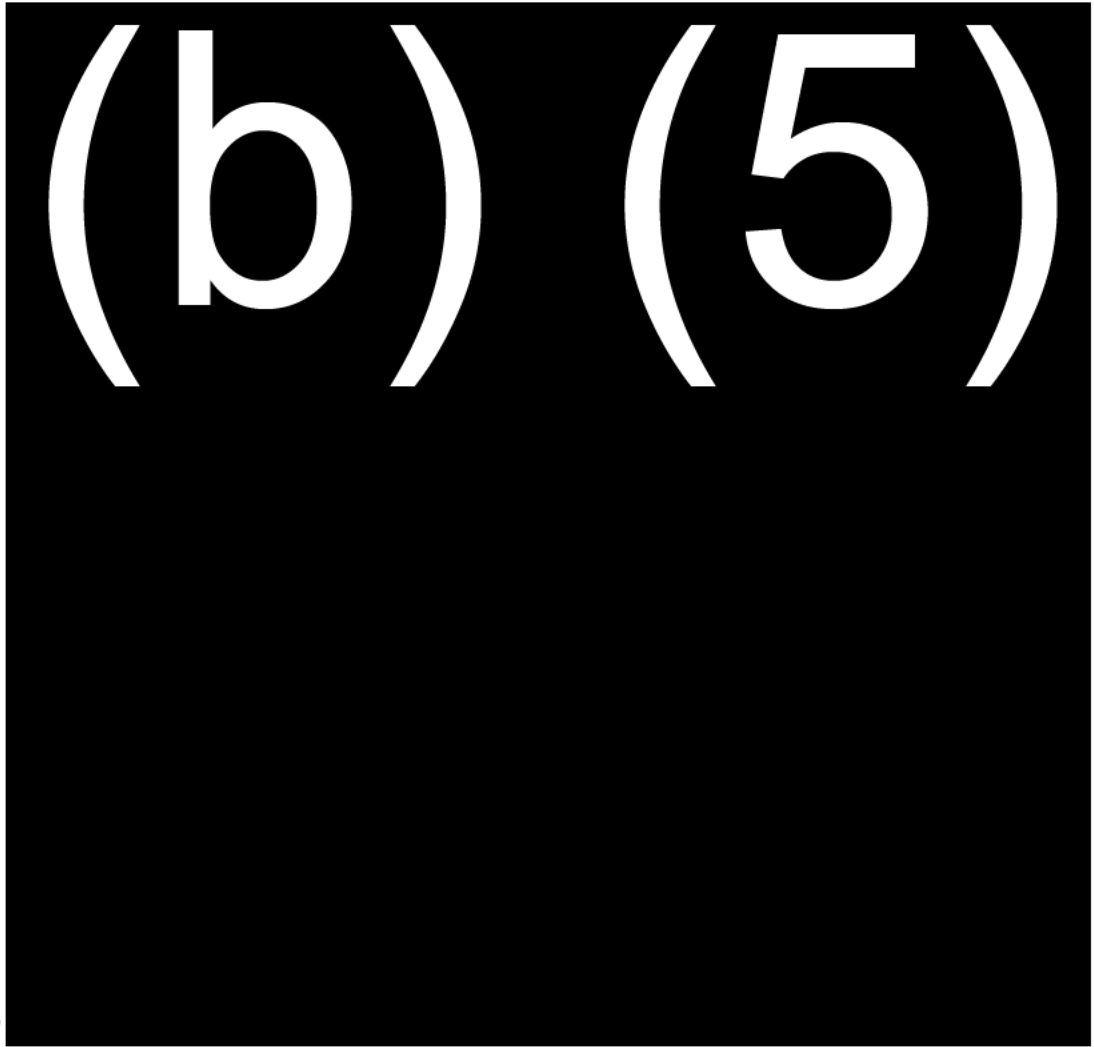
Importance: High

(b) (6), (b) (7)(C) after my discussions with the FAA and our internal review – listed below and highlighted in yellow are the change in cost estimates and a breakout of the increased amount of the cost estimate of \$ (b) (5).

As discussed and attached, the revised phase 1 costs are (b) (5) and the phase 2 costs are (b) (5).

(b) (5)

(b) (5)



Please review and let us know if any additional information is needed to provide approved funding for the Phase 1 portion of the work to expedite the IAA modification ASAP.

(b) (6), (b) (7)(C), PMP, LEED AP

Program Manager, Towers

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

(b) (6), (b) (7)(C) (c)

(b) (6), (b) (7)(C)(w)

(b) (6), (b) (7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Punchlist Meeting Today
Date: Thursday, May 28, 2015 11:00:14 AM
Attachments: (b) (7)(E) [2 WEEK LOOK AHEAD_052815.pdf](#)

(b) (6), (b) (7)(C)

His schedule looks like there is only one day of field activity on June 5, the rest is write up and review and direct the contractors fixes. I was hoping for some economy of scale in that all three (b) (7)(E) sites could be done in one trip out (maybe a couple of days). (b) (6), (b) (7)(C) and likely (b) (6), (b) (7)(C) will have to travel out there too. I got in late to yesterday's meeting due to a conflicting meeting, and maybe you discussed this. Is it possible to walkthrough and accept all three (3) (b) (7)(E) tower sites at the same trip?

Regards,

(b) (6), (b) (7)(C)

From: Steven.Roach@faa.gov [mailto:Steven.Roach@faa.gov]

Sent: Thursday, May 28, 2015 10:22 AM

To: (b) (6), (b) (7)(C); Brent.Edgemon@faa.gov; (b) (6), (b) (7)(C)

Cc: Kent.Webb@faa.gov; Cory.Yeager@faa.gov; Katrina.J.Bradfield@faa.gov

Subject: FW: Punchlist Meeting Today

Looks like I failed to add the attachment that included draft tasks (w/ durations) for proposed acceptance processes. Here it is.

From: Roach, Steven (FAA)

Sent: Thursday, May 28, 2015 2:42 AM

To: (b) (6), (b) (7)(C); Edgemon, Brent (FAA); (b) (6), (b) (7)(C)

Cc: Webb, Kent (FAA); Yeager, Cory (FAA); Bradfield, Katrina J (FAA)

Subject: RE: Punchlist Meeting Today

I may have some errors in this but I hope this helps add to the discussion and moves things along. I structured my draft acceptance process around the contract vehicle we are using. The processes is defensive against potential scope overreaches. I felt that the input that CBP would provide would likely be exclusively focused on quality of end deliverables.

(b) (5)

(b) (5)

(b) (5)

(b) (5)

v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FAALC)

Direct (405) 204-2133 (*Preferred*)

Office (405) 954-1252

Fax (405) 954-1204

Steven.Roach@faa.gov

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 27, 2015 7:51 AM
To: Roach, Steven (FAA); Edgemon, Brent (FAA)
Cc: (b) (6), (b) (7)(C)
Subject: Punchlist Meeting Today

Good Morning Steven/Brent,

I know both of you are in the field today but we have a rather urgent requirement to get our punchlist and acceptance process down. I sent you both an Outlook invite for 11am Az/2pm ET – please do whatever you can to be available for the discussion. If we need to adjust the time, let me know.

Thank you,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP

SME, TI Division

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

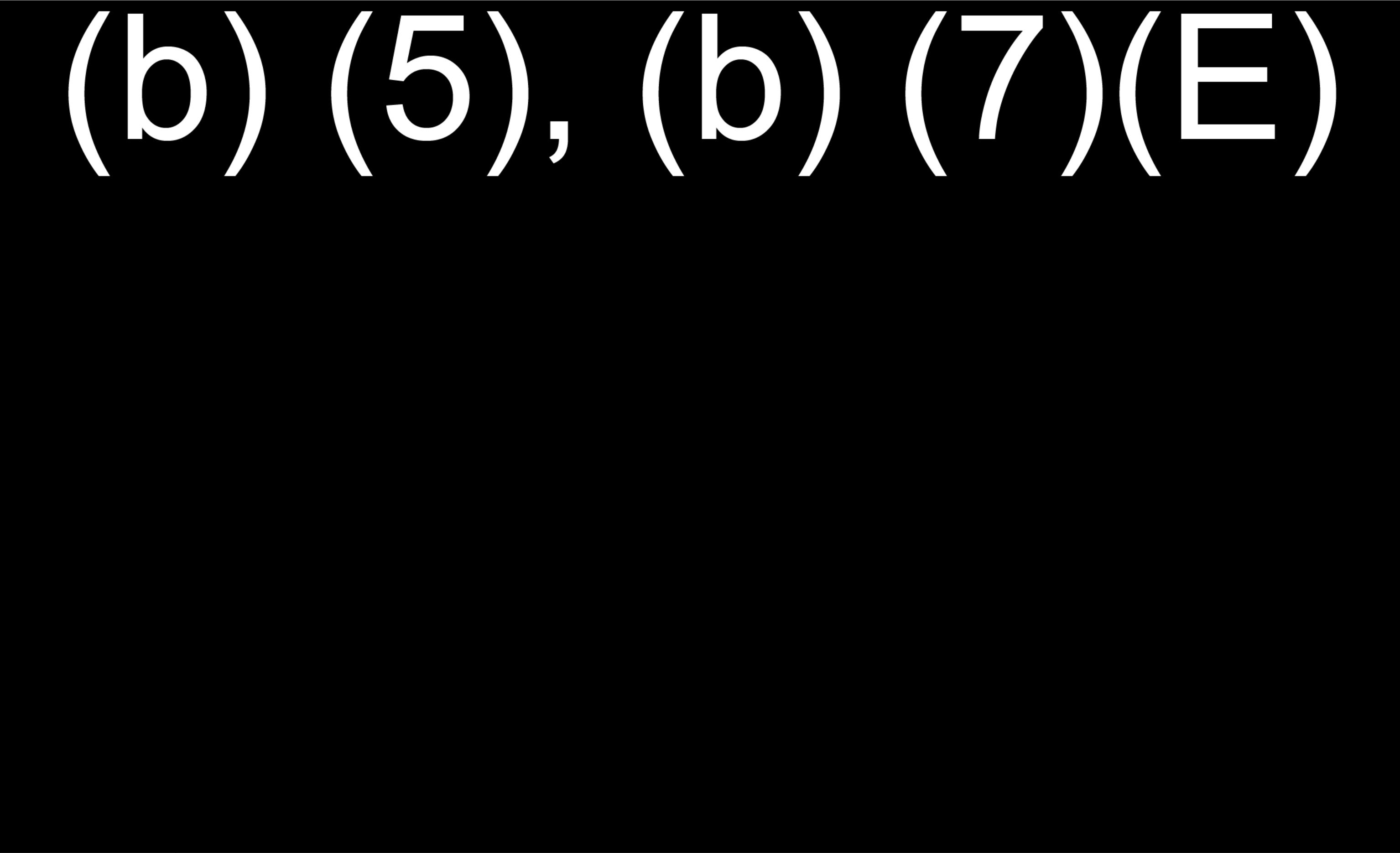
Facilities Management & Engineering

U.S. Customs and Border Protection

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

(b) (5), (b) (7)(E)



(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)

Sent: Thursday, August 20, 2015 10:05 AM

To: Katrina.J.Bradfield@faa.gov <Katrina.J.Bradfield@faa.gov>; (b) (6), (b) (7)(C)

Cc: Brent.Edgemon@faa.gov <Brent.Edgemon@faa.gov>; (b) (6), (b) (7)(C)
; Cory.Yeager@faa.gov <Cory.Yeager@faa.gov>; (b) (6), (b) (7)(C)

Subject: RE: Yum 0571 RoW for Electric

(b) (6) since this pertains to real estate, and being within the easement, lets verify with the real estate team – (b) (6), (b) (7)(C).

(b) (6), (b) (7)(C), Please see question 2 from Mr. (b) (6) email below and the attached. Can you please help with this?

(b) (6), (b) (7)(C), P.E., PMP

SME, TI Division

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C) (Preferred)

Email: (b) (6), (b) (7)(C)

From: Katrina.J.Bradfield@faa.gov [<mailto:Katrina.J.Bradfield@faa.gov>]

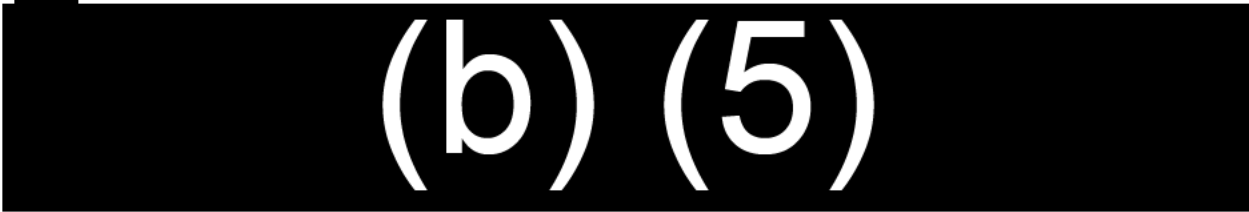
Sent: Wednesday, August 19, 2015 11:46 PM

To: (b) (6), (b) (7)(C)

Cc: Brent.Edgemon@faa.gov; (b) (6), (b) (7)(C);

Cory.Yeager@faa.gov; (b) (6), (b) (7)(C)

Subject: RE: Yum 0571 RoW for Electric

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) (b) (5)

Katrina Bradfield
Project Management Specialist

FAA Logistics Center (FAALC)
Office (405) 954-1493 / Cell (405) 596-5140
katrina.j.bradfield@faa.gov

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 19, 2015 4:58 PM
To: Bradfield, Katrina J (FAA)
Cc: Edgemon, Brent (FAA); (b) (6), (b) (7)(C)
Subject: FW: Yum 0571 RoW for Electric

(b) (5)

From: (b) (6)
Sent: Wednesday, August 19, 2015 5:54 PM
To: 'Katrina.J.Bradfield@faa.gov'
Cc: (b) (6), (b) (7)(C); Brent.Edgemon@faa.gov; (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C); Cory.Yeager@faa.gov; (b) (6)
Subject: RE: Yum 0571 RoW for Electric

Katrina, thank you.

(b) (5)

Please call me if you have any questions.

Thank YOU

(b) (6), (b) (7)(C)

Imperial Irrigation District | Project Management Office | (b) (6), (b) (7)(C) office | (b) (6), (b) (7)(C) mobile | 333 S. Waterman Ave, El Centro, CA 92243 | (b) (6)

From: Katrina.J.Bradfield@faa.gov [<mailto:Katrina.J.Bradfield@faa.gov>]
Sent: Tuesday, August 18, 2015 1:11 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C); Brent.Edgemon@faa.gov; (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C); Cory.Yeager@faa.gov

Subject: FW: Yum 0571 RoW for Electric

(b) (6) —

(b) (6), (b) (7)(C) is on vacation and I wanted to make sure this made it to you in his absence. (b) (5)

Let me know how I can help —

Katrina Bradfield

Project Management Specialist
FAA Logistics Center (FAALC)
Office (405) 954-1493 / Cell (405) 596-5140
katrina.j.bradfield@faa.gov

From: Bradfield, Katrina J (FAA)
Sent: Monday, August 17, 2015 10:51 AM

To: (b) (6), (b) (7)(C)

Cc: Edgemon, Brent (FAA); Yeager, Cory (FAA); (b) (6), (b) (7)(C)
(b) (6); (b) (6), (b) (7)(C)

(b) (6)
Subject: FW: Yum 0571 RoW for Electric

(b) (6), (b) (7)(C) attached is the CAD you requested of site 571. Please forward to IID for their use.

thanks

From: (b) (6)
Sent: Monday, August 17, 2015 10:39 AM
To: Bradfield, Katrina J (FAA)
Cc: Edgemon, Brent (FAA); Yeager, Cory (FAA)
Subject: RE: Yum 0571 RoW for Electric

Attached are the lease exhibit overlay on the actual survey for the site.....IID should be able to take this drawing and overlay the utility run as they see fit

(b) (6)
PARSONS
4500 Mercantile Plaza Drive, Suite 228
Fort Worth, TX 76137
Office (b) (6), (b) (7)(C)
Mobile (b) (6), (b) (7)(C)
Alt. (b) (6), (b) (7)(C)

From: Katrina.J.Bradfield@faa.gov [<mailto:Katrina.J.Bradfield@faa.gov>]
Sent: Wednesday, August 12, 2015 3:31 PM
To: (b) (6)
Cc: Brent.Edgemon@faa.gov; Cory.Yeager@faa.gov

Subject: FW: Yum 0571 RoW for Electric

(b) (6)

(b) (5)

Give Brent or me a call If you have any questions
Thanks for your support

Katrina Bradfield

Project Management Specialist
FAA Logistics Center (FAALC)
Office (405) 954-1493 / Cell (405) 596-5140
katrina.j.bradfield@faa.gov

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 12, 2015 2:43 PM
To: Edgemon, Brent (FAA); Bradfield, Katrina J (FAA); Yeager, Cory (FAA); (b) (6);
(b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Yum 0571 RoW for Electric

Hello Katrina, Brent and Cory,

(b) (5), (b) (7)(E), (b) (6)

Thanks for everyone's help in this.

Regards,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Project Manager, Indianapolis FM&E
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 11, 2015 3:01 PM

To: Brent Edgemon (brent.edgemon@faa.gov); Katrina.J.Bradfield@faa.gov; Cory.Yeager@faa.gov;

(b) (6); (b) (6), (b) (7)(C); (b) (6)

Cc: (b) (6), (b) (7)(C)

(b) (6)

Subject: Yum 0571 RoW for Electric

Hello Brent, Katrina and Cory,

(b) (5), (b) (7)(E), (b) (6)

All,

Please chime in if there is something that I am missing here, otherwise I need the pole location (lat, long) that will work for us.

Thanks for the help, I'm on the BB today (b) (6), (b) (7)(C).

Regards,

(b) (6), (b) (7)(C)

From: Steven.Roach@faa.gov
To: (b) (6), (b) (7)(C)
Cc: Brent.Edgemon@faa.gov; Kent.Webb@faa.gov; (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Path Forward and Punchlist Items Status Update
Date: Tuesday, August 18, 2015 3:03:42 PM

(b) (5), (b) (7)(E)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 18, 2015 1:54 PM
To: Roach, Steven (FAA)
Cc: Edgemon, Brent (FAA); Webb, Kent (FAA); (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Path Forward and Punchlist Items Status Update

Steve,

Can you address the second part of Question 1 (b) (7)(E), (b) (5)

Also, I did not see your response to question #2:

(b) (7)(E), (b) (5)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP
TI SME, BPFTI
LMI Government Consulting
BB: (b) (6), (b) (7)(C)
Telework: Tuesdays and Fridays

From: Steven.Roach@faa.gov [<mailto:Steven.Roach@faa.gov>]
Sent: Tuesday, August 18, 2015 11:30 AM
To: (b) (6), (b) (7)(C)
Cc: Brent.Edgemon@faa.gov; Kent.Webb@faa.gov; (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Path Forward and Punchlist Items Status Update

(b) (6), (b) (7)(C)

Let me know if this explanation is sufficient.

(b) (5), (b) (7)(E)

Source:

NEC NFPA 70 2014 edition: Article 250.5 (A) Grounding Systems. (3) Bonding of Electrical Equipment. "Normally non-current-carrying conductive Materials enclosing electrical conductors or equipment, or forming part of such equipment, shall be connected together and to the electrical supply source in a manner that establishes an effective ground fault current path."

v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FAALC)

Direct (405) 204-2133 (*Preferred*)

Office (405) 954-1252

Fax (405) 954-1204

Steven.Roach@faa.gov

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 18, 2015 8:07 AM

To: Roach, Steven (FAA)

Cc: Edgemon, Brent (FAA); Webb, Kent (FAA); (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Path Forward and Punchlist Items Status Update

Steve,

Thank you for the detailed feedback. I think we are good to go except for the below questions in yellow. Please provide feedback.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

From: Steven.Roach@faa.gov [mailto:Steven.Roach@faa.gov]

Sent: Monday, August 17, 2015 4:40 PM

To: (b) (6), (b) (7)(C)

Cc: Brent.Edgemon@faa.gov; Kent.Webb@faa.gov; (b) (6), (b) (7)(C)

Subject: (b) (7)(E) Path Forward and Punchlist Items Status Update

(b) (6), (b) (7)(C)

The status for each punchlist item is listed below. (b) (5)

(b) (5)

Path Forward:

(b) (5)

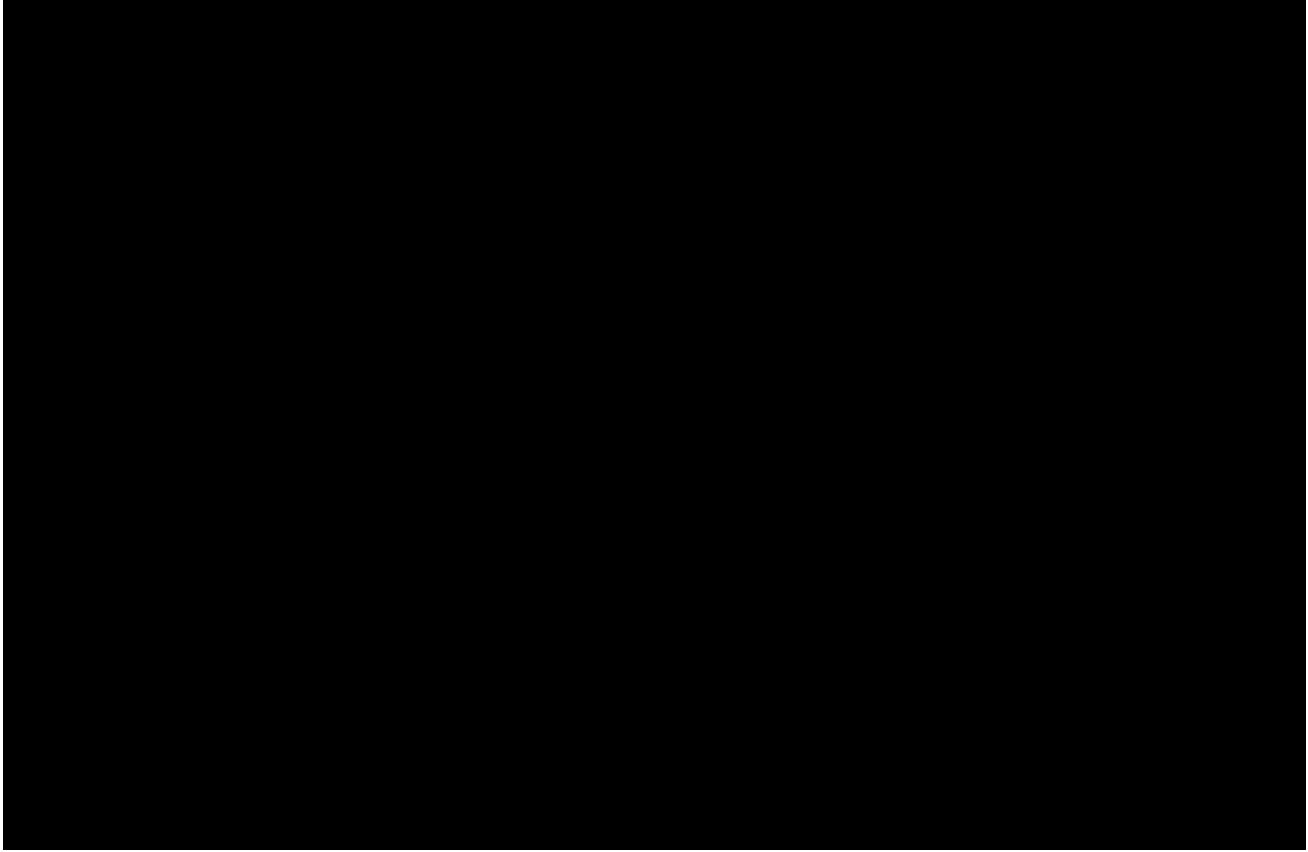
STATUS: PUNCHLIST ITEMS

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FAALC)

Direct (405) 204-2133 (*Preferred*)

Office (405) 954-1252

Fax (405) 954-1204

Steven.Roach@faa.gov

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: Yum 0571 RoW for Electric
Date: Thursday, August 20, 2015 11:11:34 AM

Will do.

(b) (6), (b) (7)(C)

Real Estate Lead and Program Manager
Real Estate and Environmental Services Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office (BPFTI)
Facilities Management and Engineering (FM&E)
Office: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 20, 2015 11:11 AM
To: (b) (6), (b) (7)(C)
Subject: Re: Yum 0571 RoW for Electric

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 20, 2015 10:56 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Yum 0571 RoW for Electric

(b) (5), (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Real Estate Lead and Program Manager
Real Estate and Environmental Services Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office (BPFTI)
Facilities Management and Engineering (FM&E)
Office: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 20, 2015 10:42 AM

To: (b) (6), (b) (7)(C)

Subject: RE: Yum 0571 RoW for Electric

(b) (6), (b) (7)(C)

Thank you. I appreciate the feedback.

(b) (5)

From: (b) (6), (b) (7)(C)

Sent: Thursday, August 20, 2015 10:25 AM

To: (b) (6), (b) (7)(C)

Subject: RE: Yum 0571 RoW for Electric

(b) (5), (b)(6);(b)(7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Real Estate Lead and Program Manager

Real Estate and Environmental Services Division

Border Patrol Facilities and Tactical Infrastructure Program Management Office (BPFTI)

Facilities Management and Engineering (FM&E)

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Thursday, August 20, 2015 10:15 AM

To: (b) (6), (b) (7)(C)

Subject: RE: Yum 0571 RoW for Electric

(b) (6), (b) (7)(C)

That is not the answer. Please help. Thanks.

From: (b) (6), (b) (7)(C)

Sent: Thursday, August 20, 2015 10:13 AM

To: (b) (6), (b) (7)(C); 'Katrina.J.Bradfield@faa.gov'; (b) (6), (b) (7)(C)

Cc: 'Brent.Edgemon@faa.gov'; (b) (6), (b) (7)(C);
'Cory.Yeager@faa.gov'; (b) (6), (b) (7)(C)

Subject: Re: Yum 0571 RoW for Electric

We provided this to (b) (6), (b) (7)(C) many times.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Path Forward and Punchlist Items Status Update
Date: Tuesday, August 18, 2015 10:31:38 AM

Good email. Keep this on the top of the list...

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 18, 2015 6:07 AM
To: Steven.Roach@faa.gov
Cc: Brent.Edgemon@faa.gov; Kent.Webb@faa.gov; (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Path Forward and Punchlist Items Status Update

(b) (6)

Thank you for the detailed feedback. I think we are good to go except for the below questions in yellow. Please provide feedback.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

From: Steven.Roach@faa.gov [<mailto:Steven.Roach@faa.gov>]
Sent: Monday, August 17, 2015 4:40 PM
To: (b) (6), (b) (7)(C)
Cc: Brent.Edgemon@faa.gov; Kent.Webb@faa.gov; (b) (6), (b) (7)(C)
Subject: (b) (7)(E) Path Forward and Punchlist Items Status Update

(b) (6), (b) (7)(C)

The status for each punchlist item is listed below. (b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

Path Forward:

(b) (5)

(b) (5)

STATUS: PUNCHLIST ITEMS

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)

v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FAALC)

Direct (405) 204-2133 (*Preferred*)

Office (405) 954-1252

Fax (405) 954-1204

Steven.Roach@faa.gov

From: (b) (6), (b) (7)(C)
To: Kent.Webb@faa.gov
Subject: FW: (b) (7)(E) Legacy Power System cost estimate
Date: Thursday, May 28, 2015 10:51:18 AM

Kent:

I hope you are having a good week on vacation.

(b) (5)

Let's chat when you get back.

From: Brent.Edgemon@faa.gov [mailto:Brent.Edgemon@faa.gov]
Sent: Thursday, May 28, 2015 10:44 AM
To: (b) (6), (b) (7)(C); Steven.Roach@faa.gov
Cc: Matthew.Garcia@faa.gov; Kent.Webb@faa.gov; (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Legacy Power System cost estimate

I will have it to you today.

DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Manager
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 26, 2015 4:58 PM
To: Roach, Steven (FAA); Edgemon, Brent (FAA)
Cc: Garcia, Matthew (FAA); Webb, Kent (FAA); (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) Legacy Power System cost estimate
Importance: High

Steven – (b) (5)

(b) (5)

Brent – on 5/18 we did receive your breakout, (b) (5)

(b) (5)

Please do not hesitate to call me to work through this task as we have a due back to OTIA before

Thursday 5/28 this week.

(b) (6), (b) (7)(C), PMP, LEED AP

Program Manager, Towers

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

(b) (6), (b) (7)(C) (c)

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C)

TELEWORK WEDNESDAY AND FRIDAY PHONE: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: Steven.Roach@faa.gov [<mailto:Steven.Roach@faa.gov>]

Sent: Friday, April 17, 2015 10:57 AM

To: (b) (6), (b) (7)(C)

Cc: Brent.Edgemon@faa.gov; Matthew.Garcia@faa.gov; Kent.Webb@faa.gov;

Kenneth.Hammond@faa.gov; (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Legacy Power System cost estimate

I could provide this but at that level why is OTIA involved, the estimated cost is just that and what benefit is provided for breaking it down further. To this point I'm intrigued by OTIA asking for a Cost Estimate to be broken down to that level. The only reasons I bring this up is we try to maintain consistency across all of our estimates while following [Government Accountability Office \(GAO\) estimate guide](#). The costs for each area (concrete work, LPS/Grounding, Power, and fence) are unique for each site.

In any case if you still desire this, it will likely take me a few days to get to this item (a lot on the my plate).

v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FAALC)

Direct (405) 204-2133 (Preferred)

Office (405) 954-1252

Fax (405) 954-1204

Steven.Roach@faa.gov

From: (b) (6), (b) (7)(C)

Sent: Friday, April 17, 2015 12:44 PM

To: Roach, Steven (FAA)

Cc: Edgemon, Brent (FAA); Garcia, Matthew (FAA); Webb, Kent (FAA); Hammond, Kenneth (FAA);

(b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) Legacy Power System cost estimate

Steven,

Thank you for this. (b) (5)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

From: Steven.Roach@faa.gov [<mailto:Steven.Roach@faa.gov>]

Sent: Friday, April 17, 2015 1:13 PM

To: (b) (6), (b) (7)(C)

Cc: Brent.Edgemon@faa.gov; Matthew.Garcia@faa.gov; Kent.Webb@faa.gov;

Kenneth.Hammond@faa.gov

Subject: (b) (7)(E) Legacy Power System cost estimate

(b) (6), (b) (7)(C)

I was asked to send this to you by COB today. Included in the notes section is the individual phase approach costs.

v/r

Steven Roach

Project Management Specialist

FAA Logistics Center (FAALC)

Direct (405) 204-2133 (*Preferred*)

Office (405) 954-1252

Fax (405) 954-1204

Steven.Roach@faa.gov

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW: SBInet ROM
Date: Tuesday, June 04, 2013 1:30:15 PM

FYSA - email on costs from Block 1 - closed.

(b) (6), (b) (7)(C), PMP, LEED AP
Program Manager Lead for TMRP
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management & Engineering

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C) (bberry)

(b) (6), (b) (7)(C)

“Excel as a trusted strategic partner enhancing Border Patrol's proud legacy”

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, June 04, 2013 10:17 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: SBInet ROM

Thanks (b) (6), (b) (7)(C) this answers the mail.

V/r

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, June 04, 2013 1:11 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: SBInet ROM

FYI, FAA estimate

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

-----Original Message-----

From: Brent.Edgemon@faa.gov [<mailto:Brent.Edgemon@faa.gov>]
Sent: Tuesday, June 04, 2013 1:05 PM
To: (b) (6), (b) (7)(C)
Subject: RE: SBInet ROM

(See attached file: SBInet.pdf)

Brent Edgemon
DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Lead
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: (b) (6), (b) (7)(C)
AML-2070, Structure Support Branch
To: Brent Edgemon/AMC/FAA@FAA,
Date: 06/04/2013 06:43 AM
Subject: RE: SBInet ROM

Was afraid of this. Can you put a quick excel sheet together that gets us this? (b) (5)

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

-----Original Message-----

From: Brent.Edgemon@faa.gov [<mailto:Brent.Edgemon@faa.gov>]

Sent: Thursday, March 14, 2013 6:38 PM

To: (b) (6), (b) (7)(C)

Subject: SBInet ROM

Cost per site is (b) (5) and for all it is (b) (5)

Brent Edgemon
DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Lead
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204
brent.edgemon@faa.gov

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: SBInet towers
Date: Wednesday, July 17, 2013 6:49:20 PM

Let's chat on the phone. Let's make time tomorrow. Ok?

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, July 17, 2013 2:22 PM
To: (b) (6), (b) (7)(C)
Subject: FW: SBInet towers
Importance: High

(b) (6), (b) (7)(C) - I need some feedback on this email; FYI these emails aren't captured anywhere currently with TMRP.

Please understand I am all for working groups and project level discussions, but it seems like this type of information below - isn't moving past (b) (6) and/or (b) (6), (b) (7)(C)

Whats your take? Again I am asking for feedback and a soft approach if you will - thanks.

(b) (6), (b) (7)(C), PMP, LEED AP
Program Manager Lead for TMRP
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management & Engineering
(b) (6), (b) (7)(C) (w)
(b) (6), (b) (7)(C) bberry)
(b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

-----Original Message-----

From: (b) (6), (b) (7)(C) (CTR)
Sent: Wednesday, July 17, 2013 10:37 AM
To: (b) (6), (b) (7)(C)
Subject: FW: SBInet towers

Backaground on SBI net costs

(b) (6), (b) (7)(C), PMP
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Monday, May 06, 2013 1:44 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: SBInet towers

OK to summarize:

Assumptions:

(b) (5)

(b) (6), (b) (7)(C)
CTR-LMI
BPFTI PMO
OF: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

-----Original Message-----

From: Brent.Edgemon@faa.gov [<mailto:Brent.Edgemon@faa.gov>]
Sent: Friday, May 03, 2013 1:07 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: SBInet towers

(b) (5)

Brent Edgemon
DOT/FAA/MMAC Radar Product Division
AML-2070 Structure Support Branch Program Lead
Office: 405-954-1263
Cell: (b) (6)
FAX: 405-954-4204

brent.edgemon@faa.gov

From: "(b) (6)" >
AML-2070, Structure Support Branch
To: Brent Edgemon/AMC/FAA@FAA,
Cc: "(b) (6)"
Date: 04/19/2013 10:23 AM
Subject: SBInet towers

Brent:

To complete the budget transfer, I need to come up with some planning numbers in addition to the remediation you gave me. Here's my assumptions and what I think we need:

(b) (5)

(b) (6), (b) (7)(C)

PM, TI

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6) ; (b) (6), (b) (7)(C)
Subject: RE: AUSA's request for Fence Information (Western District of TX)
Date: Thursday, February 23, 2017 2:28:19 PM

Hi all –

I'd like to make a suggestion; (b) (5)
(b) (5)

Thanks,

(b) (6),

From: (b) (6), (b) (7)(C)
Sent: Thursday, February 23, 2017 11:57 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6) ; (b) (6), (b) (7)(C)
(b) (6)
(b) (6)
(b) (6)
(b) (6)
(b) (6)
(b) (6)

Subject: RE: AUSA's request for Fence Information (Western District of TX)

That'll work, thanks!

From: (b) (6), (b) (7)(C)
Sent: Thursday, February 23, 2017 11:54:40 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6) ; (b) (6), (b) (7)(C)
(b) (6)
Subject: FW: AUSA's request for Fence Information (Western District of TX)

(b) (6), (b) (7)(C) – My apologies for the delay – here is the information requested.

Row Labels	Sum of Reporting Value
BBT	(b)(7)(E)
PF225 Constructed Fence	
VF300 Constructed Fence	
DRT	
PF225 Constructed Fence	
EPT	
Legacy Pedestrian Fence	
Legacy Vehicle Fence	

PF225 Constructed Fence
PF70 Fence
VF300 Constructed Fence

(b)(7)(E)

Grand Total

(b) (6), (b) (7)(C)

Business Operations

OFAM / BPAM PMO

(b) (6), (b) (7)(C) (o)

(b) (6), (b) (7)(C) (m)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, February 21, 2017 1:27 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: AUSA's request for Fence Information (Western District of TX)

(b) (5)

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, February 21, 2017 1:11 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: AUSA's request for Fence Information (Western District of TX)

(b) (6), (b) (7)(C)

(b) (5)

Sorry ☹

(b) (6), (b) (7)(C)

Business Operations

OFAM / BPAM PMO

(b) (6), (b) (7)(C) (o)

(b) (6), (b) (7)(C) (m)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, February 21, 2017 10:42 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: AUSA's request for Fence Information (Western District of TX)

Importance: High

Good morning (b) (6), (b) (7)(C)

(b) (5)

Thank you!

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 08, 2017 4:40 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: AUSA's request for Fence Information (Western District of TX)

Thank you ☺

(b) (6), (b) (7)(C)

Business Operations

OFAM / BPAM PMO

(b) (6), (b) (7)(C) (o)

(b) (6), (b) (7)(C) (m)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 08, 2017 3:38 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: AUSA's request for Fence Information (Western District of TX)

There is no hard deadline, she just said she'll need it as soon as possible.

(b) (5)

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 08, 2017 4:06 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: AUSA's request for Fence Information (Western District of TX)

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)

Business Operations

OFAM / BPAM PMO

(b) (6), (b) (7)(C) (o)

(b) (6), (b) (7)(C) (m)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 08, 2017 10:29 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: AUSA's request for Fence Information (Western District of TX)

Good morning (b) (6), (b) (7)(C)

I just got off the phone with AUSA (b) (6), (b) (7)(C), who covers the Western District of Texas, which covers the following BP Sectors: BBT, DRT, & EPT in Texas.

She is being asked what her resource needs are to support the Wall plans – questioning is from her HQ, the Executive Office of the US Attorneys (EOUSA) up in DC.

I explained that proposed alignments are pre-decisional

(b) (5)

(b) (5)

She needs the following broken down by Sector, with maps if at all possible – if not, she'll live without them:

(b) (5)

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager

LMI Government Consulting

Border Patrol Air and Marine

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

*Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Map Inquiry - Hidalgo Co., TX
Date: Thursday, May 04, 2017 9:21:22 AM

Again, incredibly helpful – thank you.

(b) (6), (b) (7)(C)

Director, Business Operations Division (Acting)
Border Patrol & Air and Marine Program Management Office
Facilities Management and Engineering
Office of Facilities and Asset Management
Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 03, 2017 1:34 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Map Inquiry - Hidalgo Co., TX

(b) (6), (b) (7)(C) and FYSA for all:

As discussed, I am attaching the gate tracking spreadsheet and the Phase-2 Gate briefing. FYI, the spreadsheet comes out in small font when printed onto 8 ½ x 11, so you may want to go with legal or tabloid sized paper – or put on reading glasses. ☺

Since, as was discussed today, we are shifting one gate out of the “36” (b)(7)(E) (b)(7)(E) which now makes the total count of “35” - I highlighted that one in yellow on the spreadsheet.

I can also modify the briefing if necessary.

Finally, FYI – we have a DRAFT PRD for the Phase-2 Gates project; it’s unfinished. To the extent necessary, I can help resurrect that drafting effort.

(b) (5)

If you need anything further, please let me know.

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, May 03, 2017 11:20 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)

(b) (6) (b) (6), (b) (7)(C)

Subject: RE: Map Inquiry - Hidalgo Co., TX

(b) (6) and all, here are a few bullets (*as discussed, we have a power point briefing on all of this too*):

(b) (5)

(b) (5)

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, May 03, 2017 10:14 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Map Inquiry - Hidalgo Co., TX

Will do... (b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, May 03, 2017 5:54 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Map Inquiry - Hidalgo Co., TX

Agree, let's target the week after next.

(b) (6), (b) (7)(C)

Director, Business Operations Division (Acting)
Border Patrol & Air and Marine Program Management Office
Facilities Management and Engineering
Office of Facilities and Asset Management
Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 02, 2017 11:30 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Map Inquiry - Hidalgo Co., TX

Hi (b) (6), (b) (7)(C) –

Thanks for the note and for dialing in. I think this can be part of the larger need to brief OCA/OPA/IPL, etc. on RGV Real Estate. I'll work with (b) (6), (b) (7)(C) to schedule a call with you and (b) (6), (b) (7)(C) to start planning it.

Thanks,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 02, 2017 5:31 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Map Inquiry - Hidalgo Co., TX

(b) (6), (b) (7)(C) & (b) (6), (b) (7)(C) i just got off the comms call. (b) (5)

(b) (5)

(b) (5) I can certainly help with that response.

Please let me know what you need...

Thanks,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 02, 2017 3:51:46 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Map Inquiry - Hidalgo Co., TX

I have a whole briefing on phase-2 gates that I can provide if necessary. (b) (5)

(b) (5)

Let me know what you need?

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 02, 2017 3:22:23 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Map Inquiry - Hidalgo Co., TX

Speaking with (b) (6), (b) (7)(C) (b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 02, 2017 11:35 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)

Subject: FW: Map Inquiry - Hidalgo Co., TX

(b) (6), (b) (7)(C) - See below.

(b) (5) any insight you
can provide would be helpful.

(b) (6), (b) (7)(C)
Director, Business Operations Division (Acting)
Border Patrol & Air and Marine Program Management Office
Facilities Management and Engineering
Office of Facilities and Asset Management
Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 02, 2017 2:22 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Map Inquiry - Hidalgo Co., TX

Hi all,

(b) (5), (b)(6); (b)(7)(C)

(b) (5)

know I'm adding in mid-tasking so just let me know where you're at on this and I can set expectations with the staff. Thanks!

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 2, 2017 11:06 AM

To: (b) (6), (b) (7)(C)

Subject: FW: Map Inquiry - Hidalgo Co., TX

As requested.

(b) (6), (b) (7)(C)

Acting Branch Chief - Border Air & Marine Operations

U.S. Customs and Border Protection

Office of Congressional Affairs

Desk: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Monday, May 1, 2017 2:27 PM

To: OFAM-TASKINGS (b) (7)(E); OCA TASKING (b) (7)(E)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Map Inquiry - Hidalgo Co., TX

Thank you!

In addition – could I also have a map in the RGV of where the gates from PF225 will go? Specifically the 35 gates requested in the FY17 budget.

Please have this **NLT COB Tuesday, May 2, 2017.**

Thank you again, and please contact me with any questions/concerns.

From the Congressional Justifications:

During PF 225, CBP constructed approximately 55 miles of pedestrian fence in the Rio Grande Valley Border Patrol Sector. To ensure no obstruction of the flood plain in that area, fencing was constructed north of the physical border, in some cases up to a mile. This required CBP to construct gates to allow both USBP and private land owners access to land south of the fence. Approximately half of the required gates have already been completed. However, the remaining 35 gaps in the fence cannot be gated until such time as CBP receives the funds required to address the real estate requirements associated with this project.

(b) (6), (b) (7)(C)

Acting Branch Chief - Border Air & Marine Operations

U.S. Customs and Border Protection

Office of Congressional Affairs

Desk: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

From: OFAM-TASKINGS

Sent: Monday, May 1, 2017 1:37 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

OFAM-TASKINGS (b) (7)(E)

Subject: RE: Map Inquiry - Hidalgo Co., TX

Thank you (b) (6), (b) (7)(C) Your request has been assigned to the appropriate division for response. I'll let you know if we have any questions.

Best,

(b) (6), (b) (7)(C)

Senior Task Manager

Agile Group

Office of Facilities and Asset Management

U.S. Customs and Border Protection

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C).

Sent: Monday, May 01, 2017 1:12 PM

To: OFAM-TASKINGS (b) (7)(E) >

Cc: (b) (6), (b) (7)(C)

Subject: Map Inquiry - Hidalgo Co., TX

Good afternoon,

OCA has received an inquiry from House Homeland Security Committee requesting a map of Hidalgo County, TX, which shows Tactical Infrastructure by type. The map should include category of fencing, levee wall, type of material (bollard etc) Vehicle vs. pedestrian.

Please have this information **NLT COB Tuesday, May 2, 2017.**

Please contact me with any questions you have, thank you.

(b) (6), (b) (7)(C)

Acting Branch Chief - Border Air & Marine Operations

U.S. Customs and Border Protection

Office of Congressional Affairs

Desk: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

From:

(b) (6), (b) (7)(C)

To:

(b) (6), (b) (7)(C)

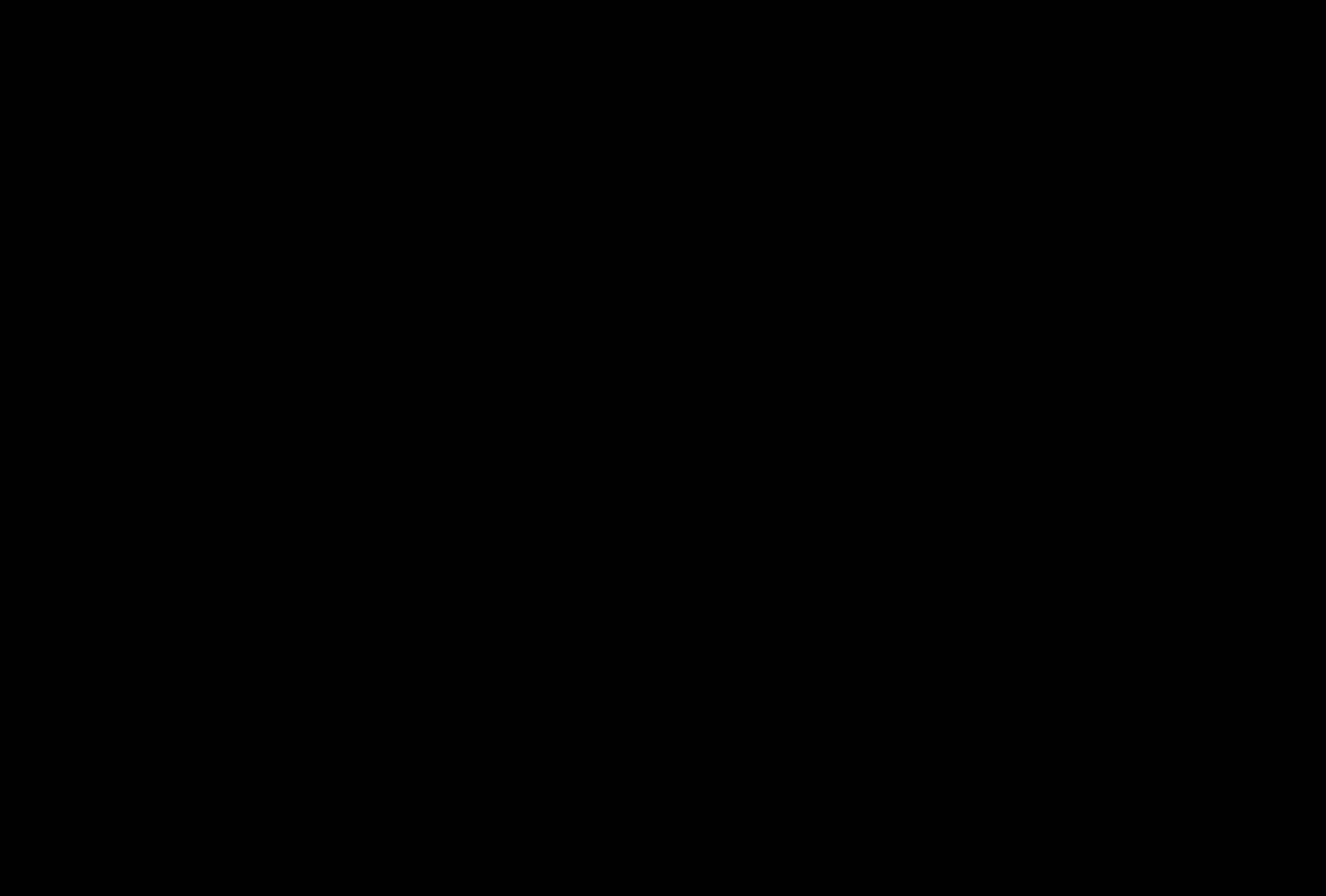
(b) (6)

Cc:

(b) (6), (b) (7)(C)

(b)(6);(b)(7)(C), (b) (3), (b) (5)

(b)(6);(b)(7)(C), (b) (3), (b) (5)



From:

(b) (6), (b) (7)(C)


To:

(b) (6), (b) (7)(C)

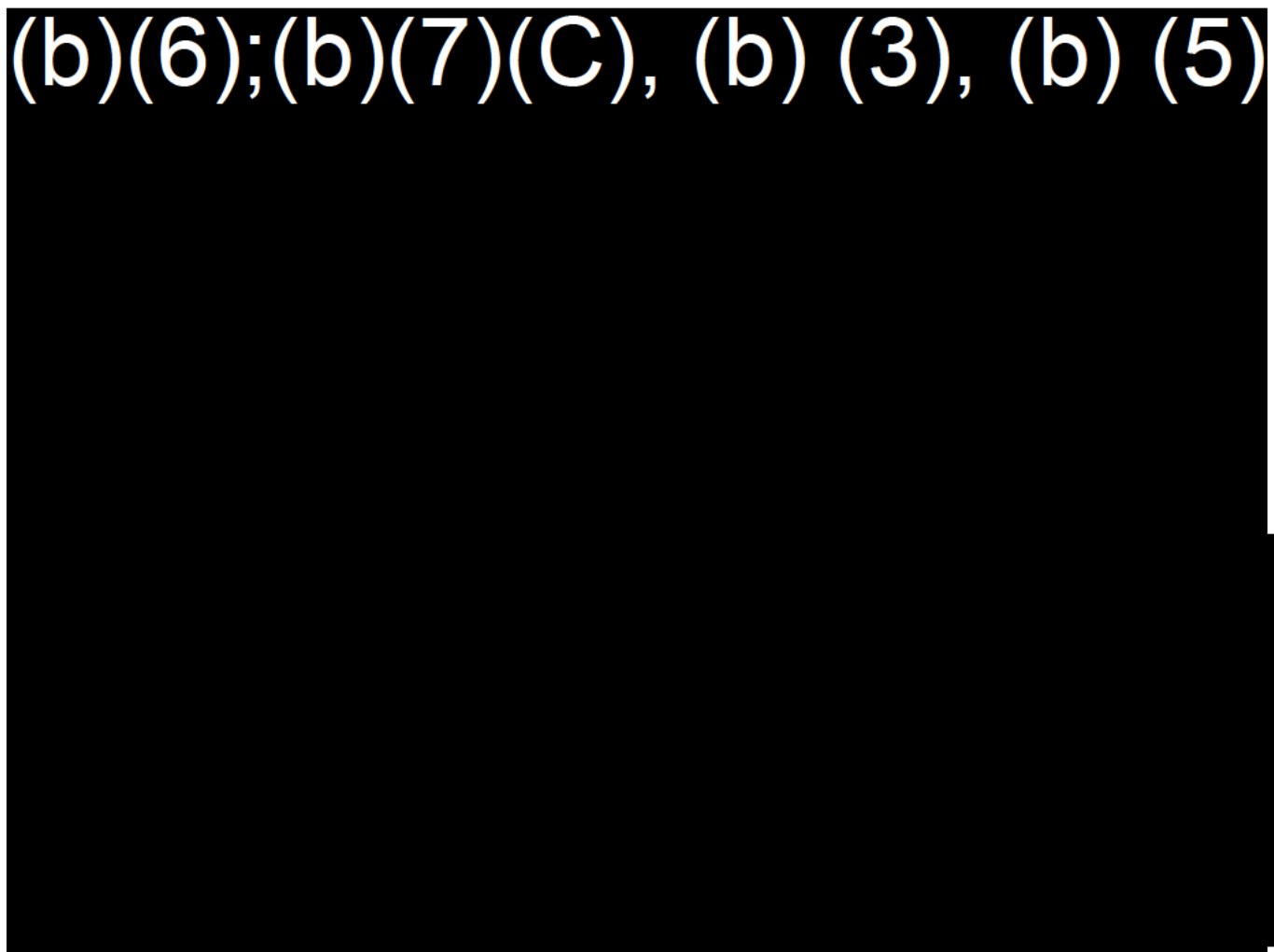
(b) (6)

(b) (6), (b) (7)(C)

(b)(6);(b)(7)(C), (b) (3), (b) (5)



(b)(6);(b)(7)(C), (b) (3), (b) (5)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Val Verde County - (b)(7)(E) Road Project - Construction Easements
Date: Monday, June 12, 2017 5:34:09 PM
Attachments: [RE\(b\) \(7\)\(E\) Road Improvements \(Del Rio\).msg](#)

(b) (6), (b) (7)(C) – Following up on (b) (6), (b) (7)(C) e-mail below, do you want to circulate an update and set up a call to discuss?

For (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) benefit, I've re-attached the last e-mail I have on this matter. (b) (5), (b)(6); (b)(7)(C)

(b) (5), (b)(6); (b)(7)(C)

Thanks. -- (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP (CTR)
Real Estate Specialist; Real Estate, Environmental and Leasing Division
LMI Government Consulting
Border Patrol and Air & Marine Program Management Office
Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, June 12, 2017 2:35 PM
To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: RE: Val Verde County - (b)(7)(E) Road Project - Construction Easements

Thanks all.

I have added (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)

(b) (5)

Internal meeting would be a good idea.

Regards,

(b) (6), (b) (7)(C), CBM, PMP
Director-Real Estate, Environmental and Leasing Services (REEL)
Border Patrol Air & Marine Program Management Office (BPAM PMO)
DHS-CBP-ES-FM&E
(b) (6), (b) (7)(C) (cell)



From: (b) (6), (b) (7)(C)
Sent: Monday, June 12, 2017 12:19 PM
To: (b) (6), (b) (7)(C) (b) (6)
(b) (6)
Cc: (b) (6), (b) (7)(C)
(b) (6)
(b) (6)
Subject: RE: Val Verde County - (b)(7)(E) Road Project - Construction Easements

Perfect, (b) (6) can you set this up

From: (b) (6), (b) (7)(C)
Sent: Monday, June 12, 2017 10:40:41 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Val Verde County - (b)(7)(E) Road Project - Construction Easements

(b) (6), (b) (7)(C) – I am available at that time. I'm copying (b) (6), (b) (7)(C) on this e-mail for their awareness. I've also attached the last e-mail I have in my file on this matter. (b) (5)

(b) (5)
(b) (6) Thanks. -- (b) (6)

(b) (6), (b) (7)(C), PMP (CTR)
Real Estate Specialist; Real Estate, Environmental and Leasing Division
LMI Government Consulting
Border Patrol and Air & Marine Program Management Office
Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, June 09, 2017 7:22 PM

To: (b) (6), (b) (7)(C)

Subject: FW: Val Verde County - (b)(7)(E) Road Project - Construction Easements

(b) (6), (b) (7)(C) see below can you make this work next Thursday. If you think (b) (6), (b) (7)(C) or anyone else from RE needs to be involved please include them

From: (b) (6)

Sent: Friday, June 09, 2017 3:50:28 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: Val Verde County - (b)(7)(E) Road Project - Construction Easements

(b) (6), (b) (7)(C)

How about Thursday, June 15, 2017 at 1:30 pm cst. Do you want to meet at your office or the Laredo District Office in Laredo?

(b) (6), P.E.

Sr. Project Manager

Dannenbaum Engineering Company - Laredo, LLC

(b) (6)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Subject: RE: (b)(7)(E) Road Improvements (Del Rio)
Date: Tuesday, July 19, 2016 1:30:25 PM

(b) (6), (b) (7) – Following up on your e-mail below and our conversation yesterday, (b) (5)
(b) (5)
(b) (5)
(b) (5)
(b) (5)
Thanks. -- (b) (6), (b) (7)

(b) (6), (b) (7)(C), PMP (CTR)
Real Estate Specialist
LMI Government Consulting
Border Patrol Facilities and Tactical Infrastructure Program Management Office
Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)
"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 14, 2016 6:29 AM
To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Cc: (b) (6)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: (b)(7)(E) Road Improvements (Del Rio)

All

On Wednesday, July 13th (b) (6), (b) (7)(C) and I met with County officials and their engineering firm (Dannenbaum Engineering) regarding proposed road and drainage improvements planned for (b)(7)(E) Road located in Del Rio, Texas. The project has been in development for several years and now appears close to actually happening (b)(7)(E)
(b)(7)(E) and land owned by CBP. This fence is not our typical PF225 type border fence but (b)(7)(E) fencing that was agreed to by the sector and City of Del Rio in 2007 prior to the enactment of the Secure Fence Act. The proposed road improvements include (b) (5)
(b) (5)
(b) (5)
(b) (5)
(b) (5)

During our meeting, we requested

(b) (5)

(b) (5)

(b) (5)

Please let (b) (6), (b) (7)(C) or I know if you have any questions.

Best,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: New Issue requiring leadership decision on TON re Fence/Road M&R
Date: Wednesday, March 08, 2017 4:26:14 PM
Attachments: (b) (5)
Importance: High

(b) (6), (b) (7)(C) and All:

Supporting Email from (b) (6), (b) (7)(C) is attached.

(b) (5)

(b) (5)

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**
Real Estate Program Manager
LMI Government Consulting
Border Patrol Air and Marine
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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(b) (5), (b)(6);(b)(7)(C)



(b) (5), (b)(6);(b)(7)(C)



(b) (5)

(b) (5)

(b) (5)

(b) (5)

From:

(b) (6), (b) (7)(C)

To:

(b) (6) ; (b) (6), (b) (7)(C) (b) (6)
; (b) (6), (b) (7)(C) (b) (6)
BCL-TON; (b) (6) (b) (6), (b) (7)(C)
; (b) (6) (b) (6), (b) (7)(C) ; (b) (6)
(b) (6) ; (b) (6), (b) (7)(C)

Cc:

(b) (6), (b) (7)(C)

Subject:

RE: NOTES FROM 4/21/17 - Tohono O'odham Nation Bi-Weekly TI & Facilities Discussion

Date:

Friday, April 21, 2017 4:53:20 PM

All,

Below notes are from our last call earlier this week. Updates are in **RED**. As usual, if I have either misstated or omitted any relevant points, please let me know, and I'll make the corrections.

TI:

(b) (5)

(b) (5)

- **MAINTENANCE AND REPAIR (M&R):**

- **Traditional Northern Road (TNR):** The Resolution passed on 3/9/17 to once again extend for another 6-months the Nation's authorization to perform M&R of the TNR.

- **Approx** (b)(7)(E) **Miles of Operational Roads:** (b) (5)

(b) (5)

- **Environmental:** CBP executed a Categorical Exclusion (CATEX). CBP also successfully completed National Historical Preservation Act (NHPA) Section 106 consultation with the Nation's Tribal Historic Preservation Officer (THPO) which resulted in the development of standard operating procedures (SOPs) that will be implemented by CBP during maintenance and repair activities. All Best Management Practices (BMPs) developed for the Environmental Assessment (EA) and Biological Assessment (BA) addressing Proposed Tactical Infrastructure Maintenance and Repair (TIMR) in Arizona would be applied to this proposed action.

- **Real Estate:** Real estate effort has been on hold due to focus on the IFT project.

- **DESIGN:**

- **IFT Project:** Design is COMPLETE as is the RFP;

- (b)(7)(E) **Crossing:** Design is COMPLETE, pending any modifications that may be required based the (b)(7)(E) EA, which will be prepared separately from the IFT Project EA.

- **ENVIRONMENTAL:** CBP's EA is COMPLETE; FONSI was executed. (b) (5)

(b) (5)

FACILITIES:

(b)(7)(E) **FOB:** A contract was awarded on 9/30/16 to install a new water well on the site, as water is currently trucked-in because the existing well failed. However, work was halted when it was discovered that the contractor reportedly commenced drilling without obtaining all the necessary clearances/permits from the Nation.

(b) (5)

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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<< Message: FW: Updated Meeting Notes: IFT Project discussion with the Tohono O'odham Nation (12/7/16) and with the Nation & BIA (12/8/16) >>

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C)
Subject: RE Schedule for Phase-1 Fence in California
Date: Monday, January 30, 2017 11:22:17 PM
Attachments: [RE Schedule for Phase-1 Fence 1-30-17_rev1.docx](#)
Importance: High

(b) (6), (b) (7)(C)

(b) (5), (b)(6); (b)(7)(C)

Also FYI – I did not have an opportunity to provide this to (b) (6), (b) (7)(C) before now, so (b) (6), (b) (7)(C) – if you have any questions, please let me know. And if you don't have any questions, I recommend (b) (5)

(b) (5)

Thank you!

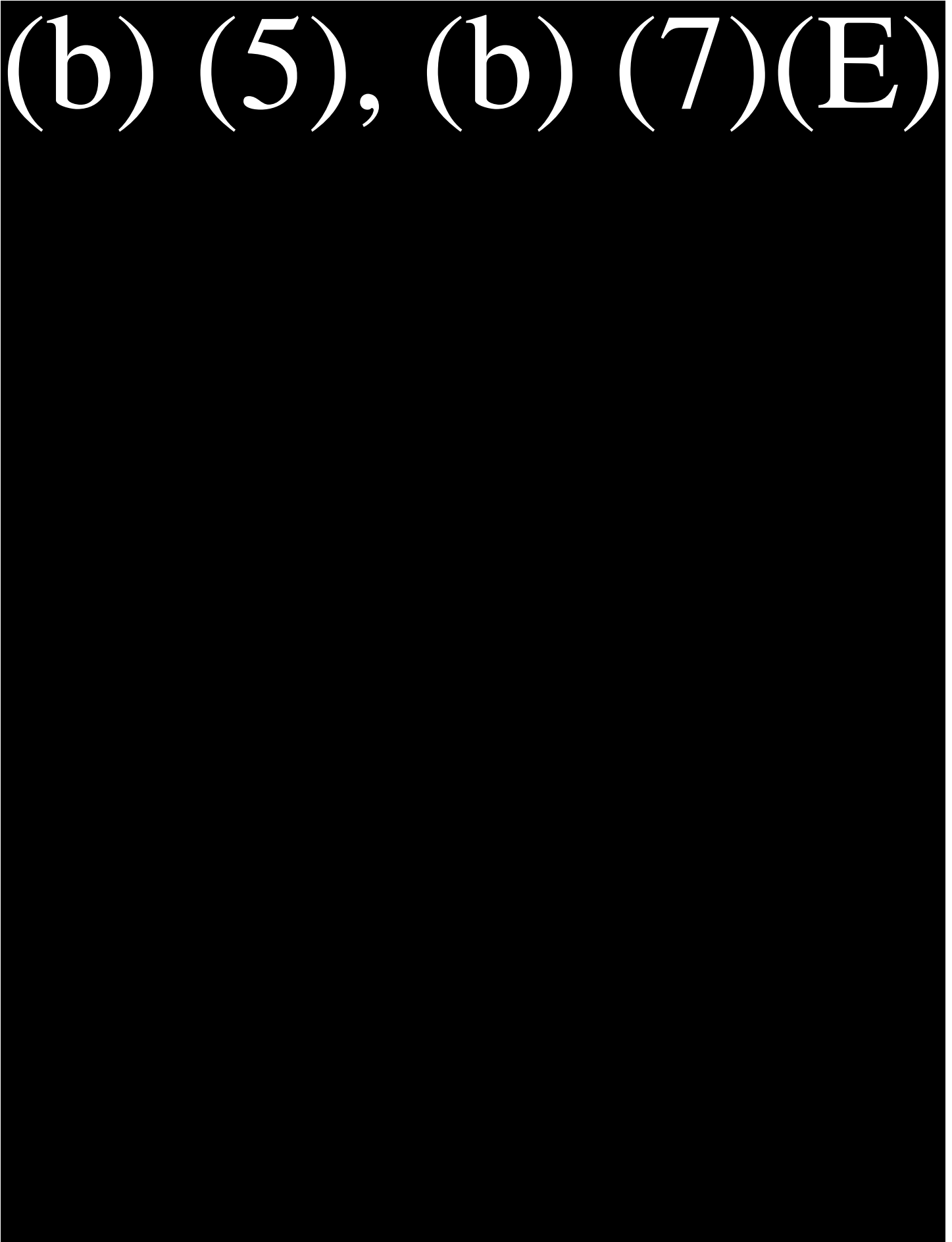
Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**
Real Estate Program Manager
LMI Government Consulting
Border Patrol Air and Marine
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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(b) (5), (b) (7)(E)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (6), (b) (7)(C)
Subject: RE: RE Schedule for Phase-1 Fence in California
Date: Tuesday, January 31, 2017 7:03:49 AM

(b) (6), (b) (7)(C)

This is good work. I have some questions regarding the details but would prefer to discuss in person rather than through email.

Thanks to you, (b) (6), getting this together.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, January 30, 2017 11:22 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: RE: RE Schedule for Phase-1 Fence in California
Importance: High

(b) (6), (b) (7)(C)

(b) (5), (b)(6); (b)(7)(C)

Also FYI – I did not have an opportunity to provide this to (b) (6), (b) (7)(C) before now, so (b) (6), (b) (7)(C) – if you have any

questions, please let me know. And if you don't have any questions, I recommend (b) (5)

(b) (5)

Thank you!

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager
LMI Government Consulting
Border Patrol Air and Marine
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (6), (b) (7)(C)
Subject: Re: [EXTERNAL] RE: RE Schedule for Phase-1 Fence in California
Date: Tuesday, January 31, 2017 8:42:55 AM

De nada.

Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 31, 2017 6:04 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (6), (b) (6), (b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: RE Schedule for Phase-1 Fence in California

(b) (6), (b) (7)(C)

This is good work. I have some questions regarding the details but would prefer to discuss in person rather than through email.

Thanks to you, (b) (6), getting this together.

(b) (6), (b)

From: (b) (6), (b) (7)(C)
Sent: Monday, January 30, 2017 11:22 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (6), (b) (7)(C), (b) (6), (b) (6), (b) (6), (b) (6), (b) (6), (b) (6), (b) (6), (b) (7)(C)
Subject: RE Schedule for Phase-1 Fence in California
Importance: High

(b) (6), (b)

(b) (5)

(b) (5), (b)(6); (b)(7)(C)

Also FYI – I did not have an opportunity to provide this to (b) (6), (b) (7)(C) before now, so (b) (6), (b) (7)(C) – if you have any questions, please let me know. And if you don't have any questions, I recommend (b) (5)

(b) (5)

Thank you!

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager
LMI Government Consulting
Border Patrol Air and Marine
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Laredo
Date: Saturday, January 21, 2017 11:37:20 AM

I have conflicts 9:30-11:00 Mon am and 1:30-3:45 Wed aft this week, but will do my best to work around whatever time is selected for the Laredo call.

(b) (6), (b) (7)(C), PMP (CTR)
Real Estate Specialist
LMI Government Consulting
Border Patrol and Air & Marine
Program Management Office
Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, January 20, 2017 4:08:46 PM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Laredo

(b) (6), (b) (7) - I am not sure if you set up a meeting as discussed below? I didn't see anything on my calendar but in speaking with (b) (6), (b) (7) we would like to have a call with everyone on this email in advance of the Thursday call with the IFT team. Can you please identify whether (b) (6), (b) (7) has time early Monday or late Wednesday? Thank you.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, January 13, 2017 9:12 AM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Laredo

Again copying (b) (6), (b) (7)(C) for awareness and for inclusion in meeting next week....

(b) (6), (b) (7)(C) PMP (CTR)
Real Estate Specialist; Real Estate, Environmental and Leasing Division LMI Government Consulting Border Patrol and Air & Marine Program Management Office Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, January 13, 2017 12:10 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)

Subject: RE: Laredo

Yup. Please have (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) at the meeting and then you all can bring me up to speed.

There things. 1. Resources, 2. Funding 3. Time. We have to gauge this against RGV requirements and potential Fence..

(b) (6), (b) (7)(C), CBM, PMP

Director-Real Estate, Environmental and Leasing Services (REEL) Border Patrol Air & Marine Program
Management Office (BPAM PMO) DHS-CBP-ES-FM&E

(b) (6), (b) (7)(C) (cell)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Friday, January 13, 2017 12:07 PM

To: (b) (6), (b) (7)(C) > (b) (6), (b) (7)(C)

Subject: RE: Laredo

Am going to have a quick talk to (b) (6), (b) (7)(C) but we should schedule a meeting internally for next week (I know (b) (6), (b) (7)(C) is out) I kind of felt I was getting a time share sales pitch.

(b) (6), (b) (7)(C)

Program Manager, Tower Lease Program

Real Estate, Environmental and Leasing Division (REEL) Border Patrol & Air and Marine Program Office (BPAM PMO) Facilities maintenance and Engineering (FM&E) US Customs and Border Protection

150 Westpark Way, Euless, Texas

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Friday, January 13, 2017 11:05 AM

To: (b) (6) (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Laredo

Sorry I wasn't able to join in time. I had an overlapping fence procurement call.

-----Original Message-----

From: (b) (6)

Sent: Friday, January 13, 2017 9:03 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Laredo

And boy do those guys talk fast....

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Friday, January 13, 2017 11:02 AM

To: (b) (6), (b) (7)(C) (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: Laredo

We can add that to the discussion, there is a lot more info on this call then I expected and the scope is a lot bigger than I expected.

(b) (6), (b) (7)(C)

Program Manager, Tower Lease Program

Real Estate, Environmental and Leasing Division (REEL)

Border Patrol & Air and Marine Program Office (BPAM PMO)

Facilities maintenance and Engineering (FM&E)

US Customs and Border Protection

150 Westpark Way, Euless, Texas

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, January 13, 2017 10:52 AM

To: (b) (6), (b) (7)(C) (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: Laredo

Need to include funding ROM. I would like to see schedule before it goes to PMO. I am out all week next week..

(b) (6), (b) (7)(C), CBM, PMP

Director-Real Estate, Environmental and Leasing Services (REEL)

Border Patrol Air & Marine Program Management Office (BPAM PMO)

DHS-CBP-ES-FM&E

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C) on behalf of (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6);
(b) (6), (b) (7)(C)
Subject: FW: Pre IFT team meeting

Adding (b) (6), (b) (7)(C) since there are some facility towers on GSA rents

-----Original Appointment-----

From: (b) (6), (b) (7)(C)
Sent: Monday, January 23, 2017 7:27 AM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: Pre IFT team meeting
When: Wednesday, January 25, 2017 12:00 PM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: (b) (7)(E)

Please let me know ASAP if this time does not work for you.

Thanks!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) - I am not sure if you set up a meeting as discussed below? I didn't see anything on my calendar but in speaking with (b) (6), (b) (7)(C) we would like to have a call with everyone on this email in advance of the Thursday call with the IFT team. Can you please identify whether (b) (6), (b) (7)(C) has time early Monday or late Wednesday? Thank you.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, January 13, 2017 9:12 AM
To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Laredo

Again copying (b) (6), (b) (7)(C) for awareness and for inclusion in meeting next week...

(b) (6), (b) (7)(C), PMP (CTR)
Real Estate Specialist, Real Estate, Environmental and Leasing Division LMI Government Consulting Border Patrol and Air & Marine Program
Management Office Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, January 13, 2017 12:10 PM
To: (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Laredo

Yup. Please have (b) (6) and (b) (6), (b) (7)(C) at the meeting and then you all can bring me up to speed.

There things. 1. Resources, 2. Funding 3. Time. We have to gauge this against RGV requirements and potential Fence..

(b) (6), (b) (7)(C), CBM, PMP
Director-Real Estate, Environmental and Leasing Services (REEL) Border Patrol Air & Marine Program Management Office (BPAM PMO) DHS-
CBP-ES-FM&E
(b) (6), (b) (7)(C) (cell)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, January 13, 2017 12:07 PM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Laredo

Am going to have a quick talk to (b) (6), (b) (7)(C) but we should schedule a meeting internally for next week (I know (b) (6), (b) (7)(C) is out) I kind of felt I was getting a time share sales pitch.

(b) (6), (b) (7)(C)

Program Manager, Tower Lease Program

Real Estate, Environmental and Leasing Division (REEL) Border Patrol & Air and Marine Program Office (BPAM PMO) Facilities maintenance and Engineering (FM&E) US Customs and Border Protection

150 Westpark Way, Euless, Texas

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Friday, January 13, 2017 11:05 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Laredo

Sorry I wasn't able to join in time. I had an overlapping fence procurement call.

-----Original Message-----

From: (b) (6)

Sent: Friday, January 13, 2017 9:03 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Laredo

And boy do those guys talk fast....

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Friday, January 13, 2017 11:02 AM

To: (b) (6), (b) (7)(C); (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: Laredo

We can add that to the discussion, there is a lot more info on this call then I expected and the scope is a lot bigger than I expected.

(b) (6), (b) (7)(C)

Program Manager, Tower Lease Program

Real Estate, Environmental and Leasing Division (REEL)

Border Patrol & Air and Marine Program Office (BPAM PMO)

From: (b) (6), (b) (7)(C)
To: (b) (6) (b) (6), (b) (7)(C) (b) (6)
| (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)
(b) (6), (b) (7)(C)
Subject: RE: RVSS-U/RGC/Igloo
Date: Wednesday, March 01, 2017 6:10:18 PM

All,

PLLA Supervisor (b) (6), (b) (7)(C) and I spoke to the Igloo property owner (b) (6). We advised him that the original RVSS tower footprint had changed which would encroach/impact more of his land. We walked out the guesstimated dimensions and showed him how it would roughly impact his operations. He was amenable to the change as long as it doesn't take out his igloo house.

Respectfully,

(b) (6), (b) (7)(C)
Operations Officer
Technology & TACCOM
Rio Grande Valley Sector
OFFICE: (b) (6), (b) (7)(C)
CELL: (b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)
Sent: Friday, February 03, 2017 5:39 PM
To: (b) (6), (b) (7)(C)
(b) (6) | (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6) | (b) (6), (b) (7)(C) (b) (6)
Subject: RE: RVSS-U/RGC/Igloo

Team,

Utilizing the attached dwg, I did a quick look at the site with one of our appraisers with regard to all of the constraints that are placed on this location (stay on the tract, do not impact adjacent owners, and do not disturb the improvements). (b) (5)

(b) (5)

(b) (5)

Thank you,

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 01, 2017 6:45 AM

To: (b) (6), (b) (7)(C) (b) (6)

Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: RVSS-U/RGC/Igloo

Concur, Thanks (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

RGV RVSS Upgrade and AZ C2 Program Manager United States Border Patrol Customs and Border Protection
Department of Homeland Security

Office: (b) (6), (b) (7)(C)

Samsung: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 01, 2017 7:27 AM

To: (b) (6) (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)

Subject: RE: RVSS-U/RGC/Igloo

(b) (6), if this is the case, (b) (6), (b) (5)

(b) (5)

(b) (5)

Thanks. (b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)

Sent: Tuesday, January 31, 2017 5:30 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6)

(b) (6), (b) (7)(C)

Subject: RE: RVSS-U/RGC/Igloo

All,

The AE has taken a quick look at the below revision guidelines and they will provide a cost and schedule impact assessment by COB Thurs.

Since they already designed the site, in order to make these changes will require revisions to the civil, elec, cost estimate, etc., therefore a mod will be required to capture the associated cost and schedule impacts.

(b) (5)

I'll provide the AE cost and schedule impacts for this change when I receive them COB Thus.

V/r,

(b) (6)

Project Manager, PPMD

US Army Corps of Engineers

Galveston District

2000 Fort Point Rd.

Galveston, Texas 77550

Office: (b) (6)

BB (b) (6)

Fax: (b) (6)

-----Original Message-----

From: (b) (6)

Sent: Tuesday, January 31, 2017 3:25 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: RE: RVSS-U/RGC/Igloo

(b) (6), (b) (7)(C)

Per below feedback, I will inform the AE to include these considerations in their design for Igloo going forward.

As mentioned on the call, the schedule impacts will need to be assessed. I'll also confirm w/ HNTB if there will be any associated cost impacts for re-design.

V/r,

(b) (6)

Project Manager, PPMD

US Army Corps of Engineers

Galveston District

2000 Fort Point Rd.

Galveston, Texas 77550

Office: (b) (6)

BB (b) (6)

Fax: (b) (6)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 31, 2017 2:09 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) (b) (6)
(b) (6) (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: RVSS-U/RGC/Igloo

(b) (6), (b) (7)(C)

It looks good. (b) (5)

(b) (5)

(b) (6) what else do you need from CBP for this?

(b) (6), (b) (7)(C), P.E., PMP

SME, TI Division

LMI Government Consulting

Border Patrol & Air and Marine Program Management Office (BPAM PMO)

Facilities Management & Engineering

U.S. Customs and Border Protection

Mobile: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 31, 2017 2:56 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)
(b) (6), (b) (7)(C)

Subject: RE: RVSS-U/RGC/Igloo

Hi, (b) (6), (b) (7)(C) here is my recommendation and please let me know what you think. thanks. (b) (6), (b) (7)(C)

As per our design review meeting today, (b) (5)
(b) (5)

(b) (5)

(b) (5)

No changes.

1. (b) (7)(E)
2. (b) (7)(E)
3. (b) (7)(E)
4. (b) (7)(E) (b) (5)
5. Fence gate size (b) (5)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 31, 2017 2:28 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)

Subject: RE: RVSS-U/RGC/Igloo

(b) (6), (b) (7)(C)

As per our design review meeting today, (b) (5)
(b) (5)

(b) (5)

Items require:

1. (b) (7)(E)

2. (b) (7)(E)

3. (b) (7)(E)

4. (b) (7)(E)

5. Gate size???

(b) (6), (b) (7)(C), P.E., PMP

SME, TI Division

LMI Government Consulting

Border Patrol & Air and Marine Program Management Office (BPAM PMO)

Facilities Management & Engineering

U.S. Customs and Border Protection

Mobile: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: [EXTERNAL] (b) (7)(E) Bridge
Date: Wednesday, March 29, 2017 11:23:15 AM
Attachments: [FW \(b\) \(7\)\(E\) Bridge \(UNCLASSIFIED\).msg](#)
[NI DRT \(b\) \(7\)\(E\) Replace \(b\) \(7\)\(E\) Bridge \(signed\).pdf](#)

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

Thanks. -- (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP (CTR)
Real Estate Specialist; Real Estate, Environmental and Leasing Division
LMI Government Consulting
Border Patrol and Air & Marine Program Management Office
Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 29, 2017 10:53 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: [EXTERNAL] (b) (7)(E) Bridge

(b) (6), (b) (7)(C)

Thank you. This is good information.

So, it begs the question (b) (5)

(b) (5)

Thank you,

(b) (6), (b) (7)(C), CBM, PMP
Director-Real Estate, Environmental and Leasing Services (REEL) Border Patrol Air & Marine Program
Management Office (BPAM PMO) DHS-CBP-ES-FM&E
(b) (6), (b) (7)(C) (cell)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 29, 2017 10:44 AM
To: (b) (6), (b) (7)(C)
Subject: FW: [EXTERNAL] (b) (7)(E) Bridge

(b) (6), (b) (7)(C) -- FYSA. In follow-up to our review meeting yesterday, see below for an update from USACE on the condemnation process for the easement acquisition effort with the (b) (7)(E) on the (b) (7)(E) bridge replacement project. (b) (7)(E) (b) (6), (b) (7)(C) was copied on the original e-mail. --

(b) (6), (b) (7)(C), PMP (CTR)
Real Estate Specialist; Real Estate, Environmental and Leasing Division LMI Government Consulting Border Patrol and Air & Marine Program Management Office Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)
Sent: Wednesday, March 29, 2017 10:26 AM
To: (b) (6)
Cc: (b) (6), (b) (7)(C) (b) (6)
(b) (6) (b) (6), (b) (7)(C) (b) (6)
(b) (6) (b) (6)
Subject: RE: [EXTERNAL] (b) (7)(E) Bridge

(b) (6), (b) (7)(C),

The (b) (7)(E) sent a letter of acknowledgment concerning our condemnation letter on approximately March 13th asking for continued discussions of the acquisition (I was out of state attending a training class during that week). I have initiated the DT process but am simultaneously working with the (b) (7)(E) to hopefully bring this acquisition to a successful conclusion prior to the actual DT. (b) (7)(E) has a new city manager with whom I have been in discussions with and am in the process of scheduling a meeting which is tentatively set for the 6th at this time. I will have a much better idea of the likely direction of this acquisition after this meeting. -Respectfully

(b) (6),
Realty Specialist
U.S. Army Corps of Engineers
Ft. Worth District, Real Estate Division
819 Taylor Street, Room 2A06
Ft. Worth, TX 76102-0300
Phone: (b) (6)
Fax: (b) (6)

-----Original Message-----

From: (b) (6)
Sent: Tuesday, March 28, 2017 9:00 AM
To: (b) (6)
Cc: (b) (6), (b) (7)(C) (b) (6)
(b) (6) (b) (6), (b) (7)(C) (b) (6)
(b) (6) (b) (6)
Subject: RE: [EXTERNAL] (b) (7)(E) Bridge

(b) (6), (b) (7)(C)

(b) (5). Any updates other than what you provided us below on 3/7/17?

Respectfully,

(b) (6)
ECISO - Project Manager
U.S. Army Corps of Engineers
819 Taylor Street,
Fort Worth, TX 76102
Office: (b) (6)

-----Original Message-----

From: (b) (6)
Sent: Tuesday, March 07, 2017 11:02 AM
To: (b) (6), (b) (7)(C) (b) (6)
(b) (6)
Cc: (b) (6), (b) (7)(C) (b) (6)
(b) (6)
(b) (6) (b) (6), (b) (7)(C)
Subject: Re: [EXTERNAL] (b) (7)(E) Bridge

(b) (6), (b) (7)(C)

We are sending the condemnation notice letter this week and giving a 10 day response time. During this period we go ahead and draft the Declaration of Taking, and once the period for response is passed, we route the DT through several layers of counsel review including Corps, CBP-OCC and DOJ. Typically we are looking at (b) (5) from release of draft DT through a judge awarding possession. So we are looking at roughly (b) (5) days depending on the efficiency of counsel review, and the Federal judge. Once we have a possession order, you can (b) (5) (b) (5). So possession in (b) (5) days.

Thanks

(b) (6)

Sent from my BlackBerry 10 smartphone.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 7, 2017 10:53 AM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: [EXTERNAL] (b) (7)(E) Bridge

Can someone please provide an update on where we are with the RE actions(condemnation action). I need to determine if we are going to get this project obligated this year.

Respectfully,

(b) (6), (b) (7)(C)

Program Manager / COR III
Del Rio, Big Bend & El Paso Sectors
DHS/CBP
Office of Facilities and Asset Management (OFAM)

Desk: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)

From: (b)(6);(b)(7)(C)
To:
Subject: FW (b) (7)(E) Bridge (UNCLASSIFIED)
Date: Friday, April 8, 2016 3:30:30 PM

As requested.

-----Original Message-----

From: (b) (6)
Sent: Friday, April 8, 2016 11:07 AM
To: (b)(6);(b)(7)(C)
Subject: RE: (b) (7)(E) Bridge (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

I sent this to (b)(6);(b)(7)(C) yesterday...

(b) (5)

-----Original Message-----

From: (b)(6);(b)(7)(C)
Sent: Friday, April 08, 2016 9:56 AM
To: (b) (6); (b)(6);(b)(7)(C)
(b) (6)
Subject: [EXTERNAL] RE: (b) (7)(E) Bridge

Yes. I am stepping out of my all day for this one, it has to be resolved today.

From: (b) (6)
Sent: Friday, April 8, 2016 10:55 AM
To: (b)(6);(b)(7)(C)
(b) (6)
Subject: RE: (b) (7)(E) Bridge

Will this meeting still happen today?

-----Original Appointment-----

From: (b)(6);(b)(7)(C)

Sent: Thursday, April 07, 2016 3:28 PM

To: (b)(6);(b)(7)(C)
(b) (6)

Subject: [EXTERNAL] (b) (7)(E) Bridge

When: Friday, April 08, 2016 1:30 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: Call-In (b) (7)(E) PIN: (b) (7)(E)

Classification: UNCLASSIFIED

Caveats: NONE

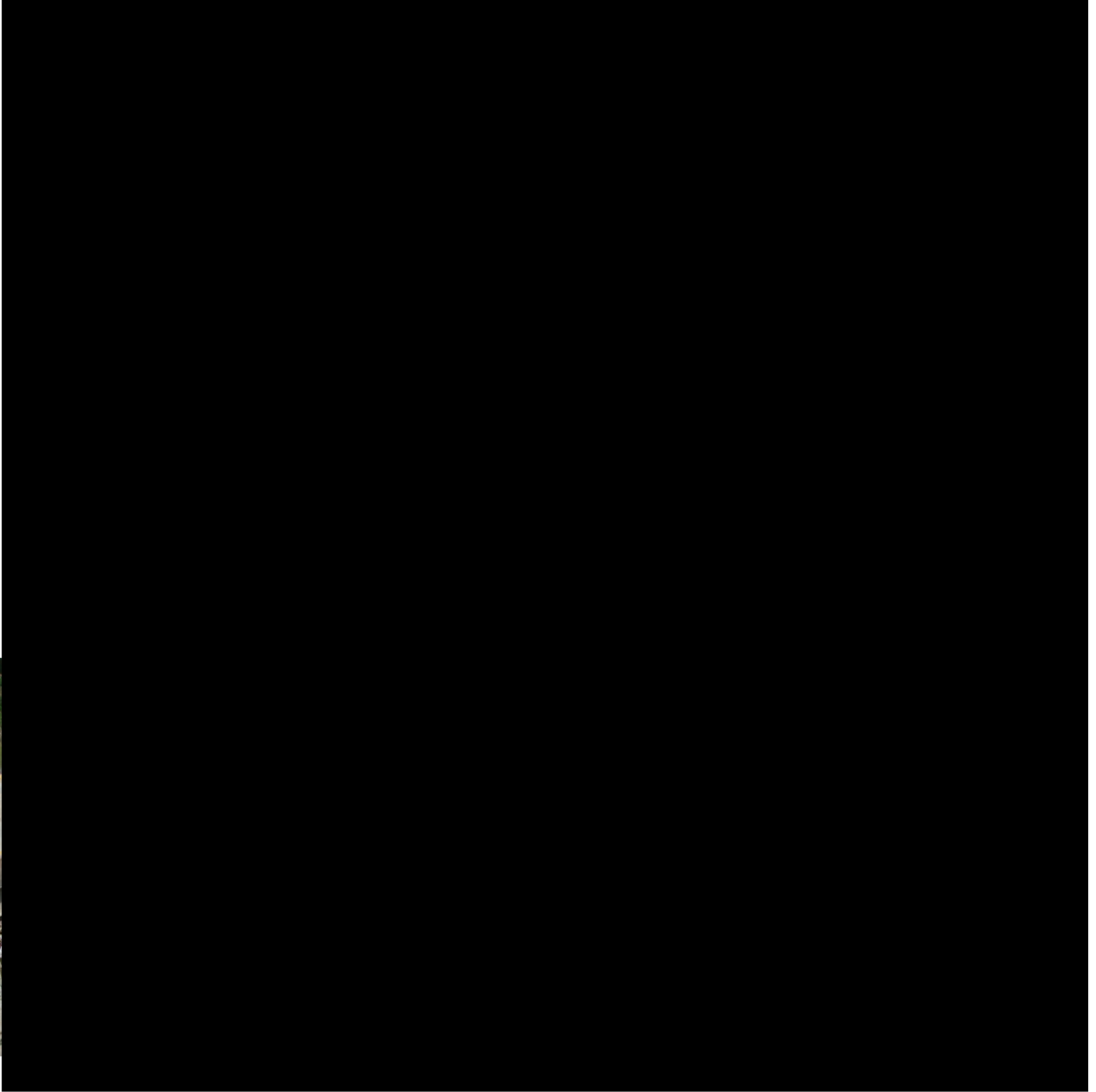
Border Patrol Facilities and Tactical Infrastructure PMO
Tactical Infrastructure Project Requirements Document
Do not duplicate or copy without the written permission of the BPFTI PMO

(b) (7)(E), (b) (5)



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(b) (7)(E), (b) (5), (b)(6);(b)(7)(C)



(b) (7)(E), (b) (5)



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(b) (7)(E), (b) (5)

(b) (7)(E), (b) (5)

(b) (7)(E), (b) (5)

Border Patrol Facilities and Tactical Infrastructure PMO
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Initial Cost Estimate

Total Project Cost	FY16	FY17	FY18
<input type="checkbox"/> Construction <input checked="" type="checkbox"/> BSFIT <input checked="" type="checkbox"/> O&M <input checked="" type="checkbox"/> D&D	<input type="checkbox"/> Construction <input checked="" type="checkbox"/> BSFIT <input checked="" type="checkbox"/> O&M <input checked="" type="checkbox"/> D&D	<input type="checkbox"/> Construction <input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D	<input type="checkbox"/> Construction <input type="checkbox"/> BSFIT <input type="checkbox"/> O&M <input type="checkbox"/> D&D
(b) (5)			

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Potential Project Risks/Mitigations

Project Risks				
Category	Risk	Probability (%)	Impact	Mitigation Strategy
Regulatory Compliance	(b) (7)(E), (b) (5)			
Design				
Real Estate				
Real Estate				
Real Estate				

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Real Estate	(b) (7)(E), (b) (5)
Real Estate	

Interrelated Projects

#	Interrelated Projects
001	N/A

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CONCURRENCE:

Approved by Email

See below

(b)(6);(b)(7)(C) Project Manager
BPFTI PMO, TI Division

Date

Approved by Email

See below

(b) (6), Project Manager
ECSO, TI Branch

Date

APPROVAL:

Approved by Email

See below

(b) (6), TI Branch Chief
U.S. Army Corps of Engineers, ESCO

Date

Approved by Email

See below

(b)(6);(b)(7)(C) Chief
Sector Chief, Del Rio

Date

Approved by Email

See below

(b)(6);(b)(7)(C) Branch Chief
BPFTI PMO Financial Management Branch

Date

Approved by Email

See below

(b)(6);(b)(7)(C) Director
BPFTI PMO Real Estate & Environmental Division

Date

Approved by Email

See below

(b)(6);(b)(7)(C)
BPFTI PMO, A&E Services Division

Date

Approved by Email

See below

(b)(6);(b)(7)(C) Director
BPFTI PMO TI Division

Date

(b)(6);(b)(7)(C)

From: (b)(6);(b)(7)(C)
Sent: Thursday, May 19, 2016 11:48 AM
To: (b) (6); (b)(6);(b)(7)(C)
Subject: RE: Revised-NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge

I approve

Respectfully,

(b)(6);(b)(7)(C)

Program Manager / COR III
Del Rio, Big Bend & El Paso Sectors
DHS/CBP
FM&E BPFTI-Tactical Infrastructure

Des (b)(6);(b)(7)(C)
Cell: (b)(6);(b)(7)(C)

From: (b) (6)
Sent: Thursday, May 19, 2016 11:46 AM
To: (b)(6);(b)(7)(C)
Subject: RE: Revised-NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge

I approve.

(b) (6)

(b) (6)
Tactical Infrastructure Program Manager
ECSO, TI Branch
USACE Fort Worth District
office (b) (6)
bb (b) (6)

From: (b)(6);(b)(7)(C)
Sent: Thursday, May 19, 2016 11:35 AM
To: (b)(6);(b)(7)(C) (b) (6)
Subject: [EXTERNAL] FW: Revised-NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge
Importance: High

Hey all,

Can you provide your approval for the NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge today? An "I approve" to this email will suffice.

Thank you!

From: (b)(6);(b)(7)(C)

Sent: Wednesday, May 11, 2016 3:20 PM

To: (b)(6);(b)(7)(C)

Cc: (b)(6);(b)(7)(C) (b) (6)

Subject: Revised-NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge

(b)(6);(b)(7)(C)

Attached is the revised PRD and estimate for bridge construction.

The PRD includes revised language from (b)(6);(b)(7)(C) and a minor increase in funds –total project cost is now \$ (b) (5)

(b)(6);(b)(7)(C)

Project Analyst, Programs & Projects Analysis Branch

Strategic Analysis, Inc.

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

(b)(6);(b)(7)(C)(w)

(bb)

(b)(6);(b)(7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

(b)(6);(b)(7)(C)

From: (b) (6)
Sent: Thursday, May 19, 2016 11:46 AM
To: (b)(6);(b)(7)(C)
Subject: RE: Revised-NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge

I approve.

(b) (6)

(b) (6)
Tactical Infrastructure Program Manager
ECSO, TI Branch
USACE Fort Worth District
office (b) (6)
(b) (6)

From: (b)(6);(b)(7)(C)
Sent: Thursday, May 19, 2016 11:35 AM
To: (b)(6);(b)(7)(C) (b) (6)
Subject: [EXTERNAL] FW: Revised-NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge
Importance: High

Hey all,

Can you provide your approval for the NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge today? An "I approve" to this email will suffice.

Thank you!

From: (b)(6);(b)(7)(C)
Sent: Wednesday, May 11, 2016 3:20 PM
To: (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C) (b) (6)
Subject: Revised-NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge

(b)(6);(b)(7)(C),

Attached is the revised PRD and estimate for bridge construction.

The PRD includes revised language from (b)(6);(b)(7)(C) and a minor increase in funds –total project cost is now (b) (5) .

(b)(6);(b)(7)(C)
Project Analyst, Programs & Projects Analysis Branch
Strategic Analysis, Inc.
Border Patrol Facilities and Tactical Infrastructure
Program Management Office

Facilities Management and Engineering

(b)(6);(b)(7)(C)(w)
(bb)

(b)(6);(b)(7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

(b)(6);(b)(7)(C)

From: (b)(6);(b)(7)(C)
Sent: Tuesday, May 10, 2016 11:08 PM
To: (b)(6);(b)(7)(C) (b) (6) (b)(6);(b)(7)(C)
(b) (6) (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)
Subject: RE: ACTION REQUIRED: Approve NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge PRD
Follow Up Flag: Follow up
Flag Status: Flagged

(b)(6);(b)(7)(C) – Approved for RE and ENV. Thank you

From: (b)(6);(b)(7)(C) .
Sent: Monday, May 9, 2016 1:07 PM
To: (b)(6);(b)(7)(C) > (b) (6) >;
(b)(6);(b)(7)(C) (b) (6)
Cc: (b)(6);(b)(7)(C) (b) (6)
Subject: ACTION REQUIRED: Approve NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge PRD
Importance: High

Hi all,

Attached is the PRD, cost estimate and risk register for the (b) (7)(E) Bridge Replacement project. Please provide your approval via email NLT than 5/13/2016.

If you have any questions, please let me know!

(b)(6);(b)(7)(C)

Project Analyst, Programs & Projects Analysis Branch
Strategic Analysis, Inc.
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
(b)(6);(b)(7)(C)(w)
(bb)
(b)(6);(b)(7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

(b)(6);(b)(7)(C)

From: (b) (6)
Sent: Wednesday, May 11, 2016 10:54 AM
To: (b)(6);(b)(7)(C) (b) (6) (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)
Subject: RE: ACTION REQUIRED: Approve NI DRT EGT Replace (b) (7)(E) Bridge PRD
Attachments: NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge BLS 20160502-spr comments.docx

(b) (5)

Otherwise, I am good with (b)(6);(b)(7)(C) revision.

-----Original Message-----

From: (b)(6);(b)(7)(C)]
Sent: Wednesday, May 11, 2016 10:23 AM
To: (b)(6);(b)(7)(C) (b) (6) >; (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)
Subject: [EXTERNAL] RE: ACTION REQUIRED: Approve NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge PRD

My suggested edits are reflected in the attached document. If they are accepted, I'm good with the PRD. If there are questions or folks would like to discuss, please let me know and I'll make myself available.

Best,

-----Original Message-----

From: (b)(6);(b)(7)(C) .
Sent: Wednesday, May 11, 2016 8:57 AM
To: (b)(6);(b)(7)(C) >; (b) (6) (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)
Subject: RE: ACTION REQUIRED: Approve NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge PRD

Here is the updated word version of the PRD.

(b)(6);(b)(7)(C)
Project Analyst-East Corridor
(b)(6);(b)(7)(C)(w)
(bb)
(b)(6);(b)(7)(C)

-----Original Message-----

From: (b)(6);(b)(7)(C)
Sent: Wednesday, May 11, 2016 7:27 AM
To: (b) (6) (b)(6);(b)(7)(C)
Cc: (b)(6);(b)(7)(C)

Subject: RE: ACTION REQUIRED: Approve NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge PRD

OK-if that's the case, then sections of the PRD need to be revised. If I can get the word document I can do the revisions this morning.

-----Original Message-----

From: (b) (6)
Sent: Wednesday, May 11, 2016 8:25 AM
To: (b)(6);(b)(7)(C) (b) (6) >; (b)(6);(b)(7)(C)
Subject: RE: ACTION REQUIRED: Approve NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge PRD

I am tracking new survey and design refresh

-----Original Message-----

From: (b)(6);(b)(7)(C)
Sent: Wednesday, May 11, 2016 6:51 AM
To: (b) (6)
(b)(6);(b)(7)(C)
Subject: [EXTERNAL] FW: ACTION REQUIRED: Approve NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge PRD
Importance: High

Gentlemen

(b) (5)
(b)(6);(b)(7)(C) - please confirm.

(b)(6);(b)(7)(C)
From: (b)(6);(b)(7)(C)
Sent: Monday, May 9, 2016 4:07 PM
To: (b)(6);(b)(7)(C) (b) (6)
(b)(6);(b)(7)(C) (b) (6)
Cc: (b)(6);(b)(7)(C)
Subject: ACTION REQUIRED: Approve NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge PRD
Importance: High

Hi all,

Attached is the PRD, cost estimate and risk register for the (b) (7)(E) Bridge Replacement project. Please provide your approval via email NLT than 5/13/2016.

If you have any questions, please let me know!

(b)(6);(b)(7)(C)

Project Analyst, Programs & Projects Analysis Branch

Strategic Analysis, Inc.

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

(b)(6);(b)(7)(C)(w)

(bb)

(b)(6);(b)(7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

(b)(6);(b)(7)(C)

From: (b)(6);(b)(7)(C)
Sent: Monday, May 09, 2016 3:08 PM
To: (b)(6);(b)(7)(C); (b)(6);(b)(7)(C);
(b)(6);(b)(7)(C);
Cc: (b)(6);(b)(7)(C)
Subject: RE: ACTION REQUIRED: Approve NI DRT (b)(7)(E) Replace (b)(7)(E) Bridge PRD
Follow Up Flag: Follow up
Flag Status: Flagged

Approved by me.

Regards,
(b)(6);(b)(7)(C), PMP, CBM
Director
CBP-OA-FM&E-BPFTI
Tactical Infrastructure
Washington, D.C
(b)(6);(b)(7)(C)

From: (b)(6);(b)(7)(C)
Sent: Monday, May 09, 2016 4:06:48 PM
To: (b)(6);(b)(7)(C); (b)(6);(b)(7)(C);
(b)(6);(b)(7)(C);
Cc: (b)(6);(b)(7)(C)
Subject: ACTION REQUIRED: Approve NI DRT (b)(7)(E) Replace (b)(7)(E) Bridge PRD

Hi all,

Attached is the PRD, cost estimate and risk register for the (b)(7)(E) Bridge Replacement project. Please provide your approval via email NLT than 5/13/2016.

If you have any questions, please let me know!

(b)(6);(b)(7)(C)
Project Analyst, Programs & Projects Analysis Branch
Strategic Analysis, Inc.
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
(b)(6);(b)(7)(C)(w)
(bb)
(b)(6);(b)(7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

(b)(6);(b)(7)(C) .

From: (b)(6);(b)(7)(C)
Sent: Thursday, May 19, 2016 11:39 AM
To: (b)(6);(b)(7)(C) (b) (6)
Subject: RE: Revised-NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge

I approve

(b)(6);(b)(7)(C)
Chief, Financial Management Branch
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b)(6);(b)(7)(C)
Mobile (b)(6);(b)(7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b)(6);(b)(7)(C)
Sent: Thursday, May 19, 2016 9:35 AM
To: (b)(6);(b)(7)(C) (b) (6)
Subject: FW: Revised-NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge
Importance: High

Hey all,

Can you provide your approval for the NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge today? An "I approve" to this email will suffice.

Thank you!

From: (b)(6);(b)(7)(C)
Sent: Wednesday, May 11, 2016 3:20 PM
To: (b)(6);(b)(7)(C) (b) (6)
Subject: Revised-NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge

(b)(6);(b)(7)(C),

Attached is the revised PRD and estimate for bridge construction.

The PRD includes revised language from (b)(6);(b)(7)(C) and a minor increase in funds –total project cost is now \$ (b) (5)

(b)(6);(b)(7)(C)

Project Analyst, Programs & Projects Analysis Branch
Strategic Analysis, Inc.
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

(b)(6);(b)(7)(C)w)
bb)

(b)(6);(b)(7)(C)

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(b)(6);(b)(7)(C)

From: (b)(6);(b)(7)(C)
Sent: Tuesday, May 10, 2016 8:33 PM
To: (b)(6);(b)(7)(C) (b) (6) (b)(6);(b)(7)(C)
(b) (6)
Cc: (b)(6);(b)(7)(C)
Subject: RE: ACTION REQUIRED: Approve NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge PRD

Follow Up Flag: Follow up
Flag Status: Flagged

I concur.

From: (b)(6);(b)(7)(C) .
Sent: Monday, May 9, 2016 4:07 PM
To: (b)(6);(b)(7)(C) (b) (6)
(b)(6);(b)(7)(C) (b) (6)
Cc: (b)(6);(b)(7)(C)
Subject: ACTION REQUIRED: Approve NI DRT (b) (7)(E) Replace (b) (7)(E) Bridge PRD
Importance: High

Hi all,

Attached is the PRD, cost estimate and risk register for the (b) (7)(E) Bridge Replacement project. Please provide your approval via email NLT than 5/13/2016.

If you have any questions, please let me know!

(b)(6);(b)(7)(C)
Project Analyst, Programs & Projects Analysis Branch
Strategic Analysis, Inc.
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
(b)(6);(b)(7)(C)(w)
(bb)
(b)(6);(b)(7)(C)

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Border Patrol Facilities and Tactical Infrastructure PMO
Tactical Infrastructure Project Requirements Document
Do not duplicate or copy without the written permission of the BPFTI PMO

CONCURRENCE:

(b)(6);(b)(7)(C) Project Manager
BPFTI PMO, TI Division

Date

(b) (6) Project Manager
ECSO, TI Branch

Date

APPROVAL:

(b) (6) TI Branch Chief
U.S. Army Corps of Engineers, ESCO

Date

(b)(6);(b)(7)(C) Deputy Chief
OBP Law Enforcement and Operations Directorate

Date

(b)(6);(b)(7)(C)

(b)(6);(b)(7)(C) Chief
Del Rio Sector Chief

Date

5-26-16

(b)(6);(b)(7)(C) Branch Chief
BPFTI PMO Financial Management Branch

Date

(b)(6);(b)(7)(C) Director
BPFTI PMO Real Estate & Environmental Division

Date

(b)(6);(b)(7)(C)
BPFTI PMO, A&E Services Division

Date

From: (b) (6), (b) (7)(C) on behalf of (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Pre IFT team meeting
Start: Wednesday, January 25, 2017 12:00:00 PM
End: Wednesday, January 25, 2017 12:30:00 PM
Location: (b) (7)(E)

Please let me know ASAP if this time does not work for you.

Thanks!

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) - I am not sure if you set up a meeting as discussed below? I didn't see anything on my calendar but in speaking with (b) (6), (b) (7)(C) we would like to have a call with everyone on this email in advance of the Thursday call with the IFT team. Can you please identify whether (b) (6), (b) (7)(C) has time early Monday or late Wednesday? Thank you.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, January 13, 2017 9:12 AM
To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)
Subject: RE: Laredo

Again copying (b) (6), (b) (7)(C) for awareness and for inclusion in meeting next week....

(b) (6), (b) (7)(C), PMP (CTR)

Real Estate Specialist; Real Estate, Environmental and Leasing Division LMI Government Consulting Border Patrol and Air & Marine Program Management Office Facilities Management and Engineering

Cell: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, January 13, 2017 12:10 PM
To: (b) (6), (b) (7)(C)

(b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Laredo

Yup. Please have (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) at the meeting and then you all can bring me up to speed.

There things. 1. Resources, 2. Funding 3. Time. We have to gauge this against RGV requirements and potential Fence..

(b) (6), (b) (7)(C), CBM, PMP

Director-Real Estate, Environmental and Leasing Services (REEL) Border Patrol Air & Marine Program Management Office (BPAM PMO) DHS-

CBP-ES-FM&E

(b) (6), (b) (7)(C) (cell)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, January 13, 2017 12:07 PM
To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Laredo

Am going to have a quick talk to (b) (6), (b) (7)(C) but we should schedule a meeting internally for next week (I know (b) (6), (b) (7)(C) is out) I kind of felt I was getting a time share sales pitch.

(b) (6), (b) (7)(C)

Program Manager, Tower Lease Program

Real Estate, Environmental and Leasing Division (REEL) Border Patrol & Air and Marine Program Office (BPAM PMO) Facilities maintenance and Engineering (FM&E) US Customs and Border Protection

150 Westpark Way, Euless, Texas

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Friday, January 13, 2017 11:05 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Laredo

Sorry I wasn't able to join in time. I had an overlapping fence procurement call.

-----Original Message-----

From: (b) (6)

Sent: Friday, January 13, 2017 9:03 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Laredo

And boy do those guys talk fast....

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Friday, January 13, 2017 11:02 AM

To: (b) (6), (b) (7)(C) (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: Laredo

We can add that to the discussion, there is a lot more info on this call then I expected and the scope is a lot bigger than I expected.

(b) (6), (b) (7)(C)

Program Manager, Tower Lease Program

Real Estate, Environmental and Leasing Division (REEL)

Border Patrol & Air and Marine Program Office (BPAM PMO)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Quick urgent update re TON IFT FW: IFT EA Chapter 5 BMPs; Nation's Comments
Date: Wednesday, February 01, 2017 11:28:05 AM

Jamie (and others)-

(b) (5), (b)(6);(b)(7)(C)

Thanks-

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Senior Attorney
Office of Assistant Chief Counsel, Indianapolis
Customs and Border Protection
ph. (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

~~***This communication might contain communications between attorney and client, communications that are part of the agency deliberative process, or attorney-work product, all of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel-Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.***~~

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 01, 2017 10:33 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6)

(b) (6)

(b) (6), (b) (7)(C)

Subject: Quick urgent update re TON IFT FW: IFT EA Chapter 5 BMPs; Nation's Comments

Importance: High

(b) (6), (b) (7)(C) and all concerned,

As you will recall, the real estate effort has been stalled because the Nation is exclusively focused on the Best Management Practices (BMPs), which are delineated in Chapter-5 of the EA.

Attached you'll find the latest version of Chapter-5, which has been undergoing extensive back-and-forth track changes, essentially amounting to negotiation over terms between the Nation and CBP.

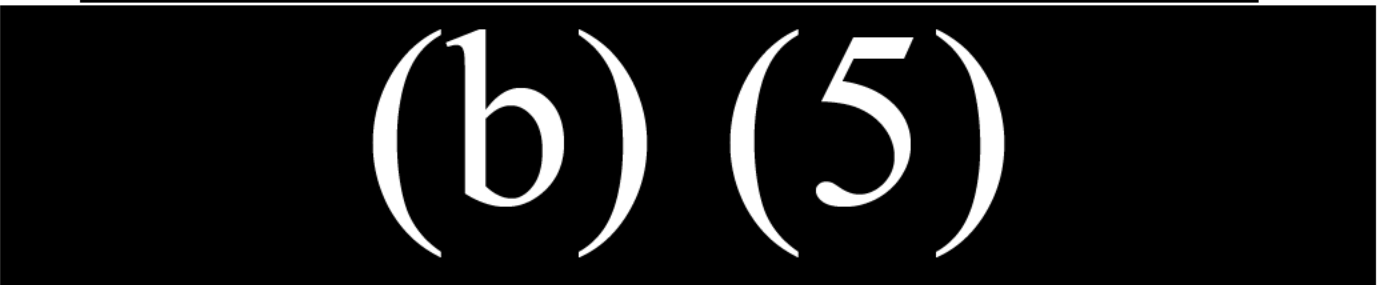
(b) (6), (b) (7)(C) has not yet completed his comprehensive analysis of the Nation's latest proposed edits, but he has already highlighted two primary issues/concerns that will have an impact not only on the IFT Right of Way, but on CTIMR and any other BPAM contractors that enter upon the Nation and drive these roads:

(b) (5), (b)(6);(b)(7)(C)

(b) (5), (b)(6);(b)(7)(C)




(b) (5)



v/r

(b) (6), (b) (7)(C)



From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 03, 2017 9:18 PM

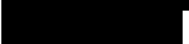
To: (b) (6), (b) (7)(C)

Subject: FW: IFT EA Chapter 5 BMPs; Nation's Comments

FYSA

Thanks,

(b) (6), (b) (7)(C)



From: (b) (6)
Sent: Tuesday, January 03, 2017 4:26:01 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: IFT EA Chapter 5 BMPs; Nation's Comments

Dear (b) (6), (b) (7)(C)

Attached are the Nation's comments on the IFT EA Chapter 5 BMPs. Please let us know if you'd like to discuss. Thanks.

Sincerely,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), Legislative Attorney
Legislative Attorney's Office
Tohono O'odham Legislative Branch
P.O. Box 837
Sells, Arizona 85634

(b) (6) (office)
(b) (6) (cell)

~~This communication may contain privileged and confidential information protected by the attorney-client relationship and is intended solely for the use of the individual or entity named above. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the Legislative Attorney's Office immediately by telephone at (b) (6) or reply by e-mail and delete or discard the above message. Thank you~~

From: (b)(6); (b)(7)(C)
To: (b) (6)
Subject: FW: Andrade Fence Repair - 90% Submittal
Date: Monday, October 08, 2012 3:15:11 PM
Attachments: [Andrade Fence Repair 90% Submittal SOW & Provisions 100312.pdf](#)
[Andrade Fence Repair 90% Comments.xlsx](#)

From: (b) (6), (b) (7)(C)
Sent: Thursday, October 04, 2012 7:36 AM
To: (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Andrade Fence Repair - 90% Submittal

(b) (6), (b) (7)(C)

FYSA – Baker's on schedule with their commitment of deliverables for Andrade. The revised cost estimate will help us better dial in the anticipated costs and cost drivers.

(b) (6), (b) (7)(C) I'd like your and (b) (6), (b) (7)(C) assessment (b) (5), (b) (7)(E)
(b) (5), (b) (7)(E)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

*Branch Chief - TI Division Projects, Maintenance and Repair
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering*

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6)
Sent: Wednesday, October 03, 2012 9:08 PM
To: (b) (6) (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C) (b) (6)
(b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Andrade Fence Repair - 90% Submittal

Hello,

We are pleased to provide the 90% submittal for the Andrade Fence Repair Project for your review and comment. Attached to this email you will find the 90% SOW & Provisions which includes the following documents:

1. 90% Construction Plans
2. Access & Staging Map
3. 90% Construction Specifications
4. Geotechnical Testing Results

We will follow up tomorrow with the project cost estimate, as we are making a few adjustments based on the attached documents.

Please return any comments you may have by COB this Friday using the attached spreadsheet and I will have them compiled for use on the upcoming comment resolution call. Also, please pass this on to anyone who needs to review, but I did not include them on the distribution.

If you have any questions, please feel free to contact me.

Thanks,

(b) (6)

(b) (6), PE
Technical Manager
Michael Baker Jr., Inc.
2929 N. Central Ave., Suite 800
Phoenix, AZ 85012

Front Desk: (b) (6)
Direct: (b) (6)
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ANDRADE PRIMARY FENCE REPAIR
OFFICE OF BORDER PATROL, YUMA SECTOR
CUSTOMS AND BORDER PROTECTION
DEPARTMENT OF HOMELAND SECURITY

PART I

GENERAL SCOPE OF WORK PROVISIONS

- 1.1.1. Scope of Work. The work in the base portion of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the construction of replacement fence for the portion of the Andrade fence (C-1) that was undermined and collapsed along the International Border between the U.S. and Mexico within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 60 days from Notice to Proceed. This section is referred to as Area 2 within the attached exhibits.

The work in Option 1 of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the stabilization of existing fence for the portion of the Andrade fence (C-1) immediately to the east of Area 2, henceforth known as Area 3, within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 45 days from Notice to Proceed.

The work in Option 2 of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the stabilization of existing fence for the portion of the Andrade fence (C-1) immediately to the west of Area 2, henceforth known as Area 1, within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 45 days from Notice to Proceed.

- 1.1.2. Duration of Contract. The length of the base portion of this contract is for 60 days starting at the date of Notice to Proceed. The length of Option 1 of this contract is for 60 days starting at the date of Notice to Proceed. The length of Option 2 of this contract is for 60 days starting at the date of Notice to Proceed
- 1.1.3. Safety. The Contractor shall be responsible for instructing his workers in appropriate safety measures. The Contractor and his personnel shall adhere to all safety requirements as outlined in "U.S. Army Corps of Engineers Safety and Health Requirements Manual," EM 385-1-1, 15 September 2008. Failure to compile with EM 385-1-1 could result in the stoppage of work by the Contracting Officer.
- a. Accident Prevention Plan and Activity Hazard Analysis. The successful bidder shall be responsible for completing an Accident Prevention Plan covering the contract and an Activity Hazard Analysis for each activity taking place during the contract which is acceptable to the Contracting Office and the Safety Office of the Los Angeles District prior to commencement of any work as called for in EM 385-1-1, paragraph 01.A.07 and 01.A.09, and Appendix A.
 - b. Monthly Safety Meetings. At least one safety meeting shall be conducted monthly by the Contractors Representative for all workers as called for in EM 385-1-1, paragraph 01.B.03.

Information on the monthly safety meeting shall be reported on SWG Form 392, Minutes of Safety Meeting, and submitted at the end of each month as required in paragraph 1.1.18d.

- c. Exposure and Accident Reporting. The Contractor shall keep records of all time worked and all injuries and accidents which occur during the performance of this contract. Exposure information (time worked) shall be reported on SWD Form 743, Monthly Exposure Report, and submitted at the end of each month as required in paragraph 1.1.18d. The Contractor shall report any accident or injury which may result in a permanent disability or fatality to the Contracting Officer immediately. Any accident or injury involving the general public shall be reported to the Contracting Officer immediately. Any accident or injury which result in a visit to a doctor, hospital, or involves a lost work day, or involves property damages of over \$500 shall be reported to the Contracting Officer no later than the next work day. The Contractor shall be responsible for keeping records on all injuries no matter how minor requiring first aid treatment. Accident information shall be reported on SWD Form 517, First Aid Case History Report, and submitted at the end of each month as required in paragraph 1.1.18d. Additional information may be found in EM 385-1-1, paragraph 01.D. In addition to the accident reporting requirements listed above, the Contractor shall inform Border Patrol within four hours after any accident that involves Border Patrol personnel or property, the necessity of EMS, media involvement or any damage to private property.
- 1.1.4. Security. It shall be the Contractor's responsibility to furnish security for personnel and to safeguard material, equipment, etc. as the need is determined by the Contractor. This will include but not limited to actual project sites, and or staging areas and storage facilities. The Customs and Border Patrol will not provide security for the contractor. The Border Patrol agents shall respond to routine security matters/threats if and when they occur. Both the Contractor and Border Patrol shall provide phone numbers to be used in emergency situations. As a part of the security requirement, the Contractor shall be responsible for the development of a Security Plan in conjunction with the Health and Safety Plan. The detailed Security Plan shall include details such as, but not limited to; "fall back positions", evacuation routines and methods, muster area, medical staff members/availability, number of security personnel, qualifications, years of experience, etc. in the event of a hostile attack. This plan shall be reviewed by USACE Safety and Security Officers for inspection and final acceptance prior to activities. The Contractor shall bring three (3) copies of the security plan to the post-award coordination conference.
- 1.1.5. Damage Responsibility. The Contractor shall be responsible for restoring any government facilities, structures, or trees damaged as a result of his operations. He shall also be responsible for any damage to private and/or personal property and/or injury to any person as a result of his operations. The Contractor shall notify the Contracting Officer immediately of any such damage or injury.
- 1.1.6. Contractor Liaison. Beginning on the date of Notice to Proceed (NTP) on this Task Order, the Contractor shall be continuously available to the U.S. Army Corps of Engineers' representatives for response to requests for information, discussion of contract performance, and other contract administration activities such as billing or payment, etc.
 - a. FOR EMERGENCY CIRCUMSTANCES ONLY: The Contractor shall provide the names, job titles, and contact information, to include telephone numbers (business, cell phones, facsimile, pager numbers, etc.) of a senior manager within the Contractor's organization, and a minimum of one similarly qualified alternate to serve as continuously available liaison with the USACE. The Contractor shall submit the above information to the Contracting Officer by email within two calendar days following receipt of the Task Order award. During the contract period, the Contracting Officer and the Contracting Officer's Representative (COR) shall be notified immediately, by email, of any changes regarding the designated liaisons.
- 1.1.7. Contractor's Personnel. All personnel used in the performance of this contract shall be well trained in the task they actually perform. All members of the Contractor's crew who are participating in

construction activities must have completed background checks and obtained appropriate clearances as detailed in Section H.

a. Contractor's Representative. The contractor shall designate a responsible representative in charge of the work who shall be at the work site during all hours worked by the Contractor's personnel or a Sub-Contractor's personnel. This representative shall be knowledgeable in the work to be performed and shall be able to represent the Contractor during any on-site discussions concerning this contract. He/she shall be able to communicate knowledgeably in English.

b. Sub-Contractors. All sub-Contractors used in the performance of this contract shall be qualified in the work which they perform. All Sub-Contractors shall abide by all conditions of the contract. The use of a Sub-Contractor does not relieve the Contractor of any responsibilities of this contract. The Contractor shall obtain approval for the use of a Sub-Contractor from the COR prior to using the Sub-Contractor.

1.1.8. Non-Disclosure. Neither the Contractor, nor the Contractor's representatives, shall release any report, data, specification, photograph, cost estimate, nor other information in any form obtained or prepared under this contract without prior written approval of the Contracting Officer.

1.1.9. Discrepancies. Any discrepancies found in the contract documents by the offeror shall be identified to the Contracting Officer before the submittal of the offeror's proposal. The offeror is solely responsible for the content of the proposal and its compliance with all contract requirements and all referenced codes and criteria.

1.1.10. Work Schedule. Work on this contract shall be performed between the hours of 6:00 AM to 6:00 PM, Monday through Friday excluding federal holidays.

1.1.11. Work Plan. The Contractor shall submit a Work Plan that includes, but is not limited to a list of equipment, staging area locations, location of disposal, dust control, schedule, capacity and dimensions of haul trucks, quantity of material expected per truck, etc.

1.1.12. Work Limits and Access to Work Site. All work, including construction, staging, hauling, ingress and egress, shall be limited to areas of Government owned property, areas the Government has obtained easements, and areas the Government has an appropriate property interest. The project corridor, staging area and ingress/egress limits are shown on the map located in Appendix 2. The Contractor shall ensure all materials, equipment, vehicles, personnel and any other construction related items and/or activities be contained within the work limits. The Contractor shall coordinate with the local Border Patrol station for access to the work site. The Contractor shall ensure, to the extent possible, that the patrol road is not blocked due to construction activities. Additionally, the Contractor shall not enter Mexican land or airspace with personnel or equipment.

1.1.13. Invoicing and Payment. The Contractor shall invoice for work according to the Price Schedule found within this contract. Lump Sum items shall be invoiced on a percent complete at the time of the invoice. The Contractor shall provide description of work completed up to the date of the invoice with each invoice. Payment will be made on a monthly basis for all work completed during that month and only for work that has been inspected and accepted as described in paragraph 1.1.12 above. The copy of the invoice as required in Paragraph 1.1.18d, will be compared against the daily reports for verification of all work before payment is made. All submittals as required in paragraph 1.1.18d, for that month shall also be provided before payment is made.

The Contractor shall not receive final payment until all identified punch list items are resolved and final "as-built" information is approved and delivered to the COR.

1.1.14. Contracting Officers Packet of Information. After the apparent Contractor has been selected and before work commences, the COR shall provide the Contractor with a packet of information

containing:

- a. An EM 385-1-1, Safety and Health requirements Manual,
- b. Examples of an Accident Prevention Plan and an Activity Hazard Analysis,
- c. Fifteen SWG Forms 407, Safety Inspection Checklist,
- d. Thirteen SWD Forms 743-J, Monthly Exposure Report,
- e. Thirteen SWG Forms 392, Minutes of Safety Meetings,
- f. Thirteen SWD forms 517, First Aid Case History Report,
- g. Two ENG Forms 3394, Accident Investigation Report,
- h. A supply of daily reports,
- i. Three monthly submittal registers.

If additional forms are needed the Contractor shall contact the Contracting Officer. The Contractor may use forms which he/she has developed if approved by the Contracting Officer.

- 1.1.15. Pre-Construction Meeting. On a mutually agreed upon date, the Contractor shall be required to attend a Pre-Construction Meeting where he will meet with the COR as well as other officials having an interest in the contract. At this time the Contractor shall provide the COR with all required submittals and discuss the contract. If the COR is satisfied with all submittals and feels that the Contractor is qualified to perform the work the Contractor may then begin work.

1.1.16. Submittals.

a. At the Pre-Construction Meeting the apparent Contractor shall be required to submit the following information to the COR:

- (1) A letter containing:
 - (a) A statement acknowledging full understanding of the contract plans and specifications.
 - (b) A list of references for which the contractor has performed similar work previously,
 - (c) The name and qualifications of the Contractor's representative,
 - (d) The name and qualifications of any sub-contractors which the Contractor plans to utilize and a description of the work the sub-contractor shall perform.

If information changes during the contract period, the Contractor shall inform the Contracting Officer in writing at least fifteen (15) days in advance of these changes or when additional information becomes available.

- (2) Certification of roll-over protection,
- (3) Proof of insurance,
- (4) Accident Prevention Plan and Activity Hazard Analysis,

- (5) Work Plan
- (6) Security Plan
- (7) Project Schedule
- (8) Crane Critical Lift Plan
- (9) Proof of Qualification for Crane Operators
- (10) Quality Control Plan
- (11) Environmental Protection Plan
- (12) Waste Management Plan

b. The Contractor shall be responsible for constructing new fencing, stabilization measures and associated project components per the construction plans (See Appendix 1) and technical specifications (See Appendix 3). Prior to start of construction, the Contractor shall submit shop drawings and other such information to the COR for review and approval. The following list of shop drawings is provided for the Contractor's convenience and does not necessarily represent all required shop drawing submittals. The Contractor shall also review the technical specifications for other miscellaneous submittal requirements.

Demolition Plan, G
Survey layout, G
Crane Plan, G
Drilled Shaft Plan, G
Concrete Mix Designs, G
Precast Retaining Wall Manufacturer's Specifications, G
Pre-cast Retaining Wall Layout & Details, G
Structural Steel, G
Weld Qualifications, G
Reinforcing Steel, G
Trenching Plan, G

c. At the end of each work day or on the morning of the following day the Contractor shall submit a completed daily report and geospatial data collection report. After an inspection of the work covered by the daily report, the COR will sign the report and return a copy of it to the Contractor. Any deficiencies in the work or discrepancies between the daily report and the inspection will also be noted. Attached to the daily report shall be the SWG FORM 407, "Safety Inspection Checklist for Equipment" as discussed in paragraph 1.2.2a, for all equipment put into service on that day.

d. At the end of each month in which work is performed the Contractor shall submit a properly certified invoice containing Contractors name and address as shown on the contract, the contract number, the period covered by the invoice, and an itemized listing of work performed during the invoice period to:

USACE, Finance Center
7800 Third Avenue
Attn: Mail Stop 322
Millington, Tennessee 38054-8001

e. At the end of each month in which work was performed the Contractor shall make the following submittals to the COR at :

Location To Be Determined

- (1) Submittal register,
- (2) A copy of the invoice submitted to the USACE Finance Center,
- (3) SWD Form 743-J, Monthly Exposure Report,
- (4) SWG Form 392, Minutes of Safety Meeting,
- (5) SWD Form 517, First Aid Case History Report,
- (6) ENG Form 3394, Accident Investigation Report, if necessary.

The COR may require additional submittals if necessary without any change in the contract price.

1.1.17. Storage of Equipment and Materials. The contractor shall be responsible for finding a location to store their equipment and materials. Any equipment or material stored shall be maintained in a neat and orderly fashion to the satisfaction of the COR. The Corps of Engineers and Border Patrol shall not be responsible for the protection of any equipment or material. The COR shall reserve the right to require the immediate removal of any and/or all equipment and material if deemed in the best interest of the government.

1.1.18. .

1.1.19. Contractors Inspection. The Contractor inspection date and time can be found at FAR 52.236-27 ALT 1 within this RFQ.

1.1.20. Geospatial Data Collection. The Contractor shall submit geospatial data collection report per paragraph 2.1.14.

1.1.21. Final Inspection and Acceptance of Work. The Contractor shall be responsible for coordinating and conducting a punch list walk through of the project in conjunction with the COR and Customs & Border Protection representative. The Contractor shall generate the punch list of all items identified and agreed upon by all parties during the walk through. The final walk through shall be conducted once the punch list items are complete. The Contractor shall be responsible for coordinating and conducting the final walk through with the COR and Customs and Border Protection representative no later than 14 calendar days following the punch list walk through.

PART II**SCOPE OF WORK TECHNICAL PROVISIONS**

- 2.1.1. Scope of Work. The work in the base portion of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the construction of replacement fence for the portion of the Andrade fence (C-1) that was undermined and collapsed along the International Border between the U.S. and Mexico within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 60 days from Notice to Proceed. This section is referred to as Area 2 within the attached exhibits.

The work in Option 1 of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the stabilization of existing fence for the portion of the Andrade fence (C-1) immediately to the east of Area 2, henceforth known as Area 3, within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 45 days from Notice to Proceed.

The work in Option 2 of this contract shall consist of furnishing all labor, tools, equipment, materials, supplies, and personnel necessary for the stabilization of existing fence for the portion of the Andrade fence (C-1) immediately to the west of Area 2, henceforth known as Area 1, within the Yuma Sector, Yuma Border Patrol Station in Imperial County, California as described and in accordance with the attached exhibits and specifications and the attached clauses and instructions for a period of 45 days from Notice to Proceed.

- 2.1.2. Site Locations and Description. The following are descriptions of the Andrade Primary Fence Repair project corridor. See the attached exhibit for general location of the areas.
- a. Area 2 begins approximately 0.23 miles west of the Algodones port of Entry (POE) and extends approximately 115 feet to the east. The project consists of installing new pedestrian style bollard (P-3) fence with a reinforced concrete foundation that will connect to the existing fence and foundation on either side of the current fence opening. To support the new fence and reduce the risk of future damage on the south side of the fence, a modular concrete block retaining wall will be installed approximately 1-foot north of International Border. The area between the fence and the retaining wall will be backfilled with compacted engineered fill, soil cement, and fiber reinforced shotcrete slab.
 - b. Area 3 begins on the east end of Area 2 and extends approximately 188 feet to the east, ending approximately 0.18 miles west of the Algodones POE, just west of Border Monument 207. Stabilization measures will consist of the installation of 36-inch diameter drilled shafts spaced at 3-feet 1-inch on center located approximately 10-feet south of the existing fence. The area between the drilled shafts and the existing fence will be backfilled with AASHTO #57 stone.
 - c. Area 1 begins approximately 0.28 miles west of the Algodones POE and extends approximately 247 feet to the east, connecting to the west end of Area 2. Stabilization measures will consist of installation of 36-inch diameter drilled shafts spaced at 3-feet 3-inches on center located approximately 10-feet south of the existing fence. The area between the drilled shafts and the existing fence foundation will be stabilized with a fiber reinforced shotcrete slab over compacted soil cement.
 - d. See Appendix A for specific delineation of the base and option items. The specifications provided in Appendix C apply to base and option items.

- 2.1.3. Equipment. The Contractor shall have available adequate equipment in the opinion

of the Contracting Officers Representative to perform all aspects of the work described. The equipment shall be in good operating condition and be used for its intended purpose. The Contractor shall make all equipment available to the Contracting Officers Representative for inspection at any time upon request. If in the opinion of the Contracting Officer any equipment is unsafe, unsuitable, or inadequate for the work which it is to be used for, the equipment shall be removed from the job site and/or additional or replacement equipment acquired.

- a. Equipment Safety Inspection. Before any mechanized equipment is placed into service, it shall be inspected and tested by a person familiar with operations of that equipment as called for in EM 385-1-1, Paragraph 18.A.03.
 - b. Crane: The Contractor shall submit a proposed crane plan to the COR for review and approval. The crane plan shall show the proposed crane set up locations for all proposed crane activities and detail any required utility coordination. The crane plan shall also include the specific model of each crane, the dimensions, wheel sizes, number of wheels, wheel spacing, tire pressure(s), number of axles, axle spacing, minimum wheel load to be exerted during operations and maximum outrigger load to be exerted during operations. The Contractor shall allow at least 10 working days for acceptance/non-acceptance of the crane work plan. No crane operations shall begin prior to written acceptance of the crane work plan by the COR, who shall be the Government approving authority.
- 2.1.4. Existing Conditions. The Contractor, in the presence of the COR, shall document existing site conditions via video recording and photographs prior to start of construction. Documentation shall include condition of all existing roads (on-site and egress/ingress), structures, utilities and structures within and immediately adjacent to the project site. The COR will have the final approval that the documentation has been adequately completed. The Contractor shall provide a copy of all documentation on CD(s) and/or DVD(s) to the COR for the project record.
- 2.1.5. Construction Guidelines
- 2.1.5.1. All construction required of the Contractor to complete the construction of the fence shall be in accordance with the criteria contained herein using industry standard materials and efficient practices. The Contractor shall use materials and equipment accepted within the construction industry. The materials selected shall be of high quality, durable and easily maintained.
 - 2.1.5.2. The Contractor shall take great care not to disturb any existing fence outside the limits of this project unless specifically called for in the plans. If the existing fence is disturbed, it shall be the Contractor's responsibility to repair the fence so to restore it to previously existing conditions or replace it in-kind if damaged beyond repair. Should it be necessary to disturb the foundation of the existing fence, the Contractor shall be responsible for providing all bracing or means of temporary shoring so to protect the existing fence in-place.
 - 2.1.5.3. At the end of each work day the Contractor shall effectively close all fence by either erection of new fence or temporary fence until such time that work begins the following day. The Contractor may use existing fence material for temporary fence to close off gaps overnight.
 - 2.1.5.4. All egress/ingress access roads, on-site fence access roads and staging areas shall be returned to existing conditions or better prior to final acceptance of the project. This shall include providing aggregate surface course needed to enable the access roads to be bladed in order to remove ruts, depressions, and/or pot-holes caused by construction activities. See Appendix B for Access and Staging Map.
 - 2.1.5.5. Installed fence panels, over the specified lengths shown in the plans, shall be constructed vertical with an allowable tolerance of 1-inch out of plumb over the entire height of the fence. Fence coordinates shall be surveyed to within 3-inches of the coordinates provided in the plans. Any

- discrepancies in dimensions, elevation, or alignment shall be brought to the attention of the COR prior to continuing with construction in the vicinity of the discrepancy. The COR reserves the right to resolve such discrepancy prior to commencing work within the vicinity of the discrepancy.
- 2.1.5.6. All fence construction materials and accessories shall have the ability to survive temperatures applicable to the southwestern border of the U.S. including diurnal and seasonal extremes with temperature deltas in excess of 120 degrees Fahrenheit.
- 2.1.5.7. All fence construction materials and accessories shall have a 30-year service life requiring planned maintenance to occur not earlier than every ten years.
- 2.1.5.8. All final grades adjacent the fence location shall be finished so drainage flows away from the fence so to prevent ponding of water at the fence and fence foundation location.
- 2.1.6. Removal and Disposal of Litter, Trash, Man-Made and Natural Debris and Vegetation. The contractor is responsible for the removal and disposal of all waste material from government property. The Contractor shall dispose of litter, trash, man-made and natural debris at an off-site location approved by the COR. The Contractor shall remove, haul and dispose of all material in accordance with all local, state, and federal laws. The Contractor shall provide all applicable licensing and/or permits for operating equipment, hauling and disposal of removed debris and vegetation. The Contractor shall keep all application and permit records as required by state, local and federal regulations. The Contractor shall supply a copy of application and permit records to the COR as soon as each application is made and permit received.
- No stockpiled litter, trash, debris or vegetation shall be left unattended or overnight at the project site. All litter, trash, debris, and vegetation shall be hauled off site and disposed of at the end of each workday.
- Burning is not considered an acceptable form of debris removal.
- 2.1.7. Geotechnical Investigation. The Geotechnical Report for the project site has been provided in Appendix D. Any additional Geotechnical information required by the Contractor shall be obtained by the Contractor following award of bid.
- 2.1.8. Survey. All survey performed by the Contractor, including but not limited to construction staking and as-built drawings, during construction shall be performed under the direction of a licensed professional Surveyor.
- 2.1.9. Temporary Traffic Control Measures. The Contractor shall be required to provide all traffic control measures required per local codes.
- 2.1.10. HAZARDOUS WASTE. Hazardous waste is not anticipated as a part of this action. Should hazardous waste be discovered, the Contractor shall stop work immediately at the location in question and refer to the COR for consultation.
- 2.1.11. Waste Disposal Records. The Contractor shall maintain records to document the quantity of waste generated; quantity of waste diverted through sale, reuse, or recycling; and the quantity of waste disposed by landfill or incineration. The records shall be made available to the Contracting Officer during construction activities, and a copy of the records shall be delivered to the Contracting Officer upon completion of the contract.
- 2.1.12. Final Cleaning. The Contractor shall remove all temporary structures, barricades, traffic control signs, and project signs following each debris removal and/or vegetation control activity.

2.1.13. Reporting and Geospatial Data Collection

- a. Reporting: GPS locations and field measurements of length for the base item and option items (if exercised) shall be provided to the COR at the time of the punch list walk through. Instruction for input of progress reporting and GPS data shall be collected and processed using Government provided procedures and a data dictionary. The web-base progress reporting system and data dictionary will contain the required fields specified and shall be provided by the Contracting Officer. Procedures for the input of progress data and GPS collection shall be provided to the contractor by the Contracting Officer prior to start of construction.
 - b. GPS Equipment: The Contractor shall provide required GPS equipment to the Contracting Officer's Representative for approval. The GPS equipment must contain a 416 MHZ. Intel X-Scale processor chip set. The equipment must be capable of recording 3-dimensional position (latitude, longitude, ortho height) of features and include numerous attributes as specified by the data dictionary. A copy of the feature, attribute, and data dictionary file will be supplied in digital (*.ddf format) and hard copy format prior to the initiation of construction, and instructions will be provided on their use.
 - i. The GPS equipment must be equivalent to a Trimble GeoXT or meet or exceed the below specifications:
 1. Microsoft Windows Mobile 5.x software
 2. Submeter accuracy in real-time
 3. Integrated SBAS
 4. RTCM real-time correction support
 5. NMEA and TSOP protocol support
 6. Multi-path rejection technology
 7. Temperature Operation range 14 degrees F to 122 degrees F
 8. Temperature Storage range -4 degrees F to 158 degrees F
 9. Casing of wind-driven and dust resistant per IP 54 standard
 10. Shock and vibration resistant
 11. GPS Channels 12 (L1 code and carrier)
 12. Update rates 1 Hz
 13. Protocols TSIP, NMEA (GGA, VTG, GLL, GSA, ZDA, GSV, RMC)
 14. Real-Time (SBAS or external RTCM source accuracy of submeter)
 - c. GPS Data Format: Data collection for GPS locations shall be in decimal degrees to nine decimal points, and be collected minimally at the start and end points of construction and shall include interim points as indicated by the collection procedures.
 - d. GPS Data Submittal: The contractor will download the GPS data collection files and prepare the digital files in ASCII comma delimited format, raw, GPS file (such as a .ssf from a Trimble unit), and ESRI Shape files based upon the structure of the supplied data dictionary. All data will be submitted to the COR the day of the punch list walk through. The intent of this submittal is to depict the completed construction in a GIS format. The proper attributes will be populated according to USACE SDSFIE standards. Metadata will be produced with each weekly update and submitted in either a *.txt or *.xml format.
 - e. GPS Data Final Submittal: Upon receipt of the GIS data submittal, the COR will have 14 calendar days to review and provide any comments to the Contractor. Upon receipt of comments, the Contractor shall complete the GPS Data file and submit with the as-built information.
- 2.1.14. Environmental Compliance. On 1 April 2008, the Secretary of the Department of Homeland Security signed an environmental waiver, supplied by Congress, to expedite the completion of the PF225 Border Fence Projects, which the original C-1 fence segment was a part. The waiver

extends to the Andrade Primary Fence Repair project as it is part of the C-1 fence segment. The Secretary's action waives local, state, and federal environmental regulatory compliance requirements. However, the Secretary has pledged to conduct environmental reviews of Projects including Andrade Primary Fence Repair and to also demonstrate environmental stewardship throughout project execution.

Specifically, the waiver allows for the completion of Andrade Primary Fence Repair project without completing the standard regulatory processes and securing permits for the laws listed in the waiver. Within this specifications document, this waiver shall be used to omit permitting/regulatory coordination that may fall under the environmental laws listed in the waiver. However, the Contractor shall adhere to and/or implement best management practices, mitigation measures, special conditions, environmental protection measures and all other activities related to environmental matters identified in this solicitation.

While modifications to the project as described in this solicitation are permitted by the waiver, an environmental review of any modifications to the project as described in this solicitation must be conducted prior to any construction related, ground disturbing activities. The Government will conduct the environmental review based on any modifications to the project, if proposed.

- 2.1.15. Environmental Assessment. An Environmental Assessment (EA) has been completed covering the limits of the original C-1 Border Fence Project. A copy of the EA can be provided upon request.
- 2.1.16. Storm Water Pollution Prevention Plan (SWPPP). Contractor shall be required to comply with the State of Arizona Construction General Permit and will be required to submit a Notice of Intent (NOI) Arizona Department of Environmental Quality (ADEQ). No physical work at the site shall begin prior to the Contractor receiving written approval of the project SWPPP. Contractor shall be required to comply with the SWPPP as a part of its execution of the project.

The COR reserves the right to require the Contractor to modify or revise the SWPPP to insure that all current measures to prevent offsite migration of pollutants, including soils, are included in the SWPPP, or if the Contracting Officer determines that the storm water pollution prevention requirements are not being met.

- 2.1.17. Best Management Practices. The Contractor shall implement all BMPs as outlined below. All BMPs shall be incorporated into the Contractor's Environmental Compliance Plan. As needed, environmental monitors, including cultural resource monitors and biological monitors, may be furnished by the Government at no cost to the Contractor to audit conformance with the BMPs during construction activities. The Contractor may be responsible for costs incurred to remediate or mitigate any environmental damage resulting from the contractor's failure to comply and implement these BMPs.

The following BMPs shall be implemented as standard operating procedures during all construction activities:

- 1) Best Management Practices (BMPs) shall be implemented as standard operating procedures during all construction activities. These BMPs shall include proper handling, storage, and/or disposal of hazardous and/or regulated materials. To minimize potential impacts from hazardous and regulated materials, all fuels, waste oils, and solvents will be collected and stored in tanks or drums within a secondary containment system that consists of an impervious floor and bermed sidewalls capable of containing the volume of the largest container stored therein. The refueling of machinery shall be completed following accepted guidelines, and all vehicles shall have drip pans during storage to contain minor spills and drips. Although it will be unlikely for a major spill to occur, any spill of 5 gallons or more shall be contained immediately within an earthen dike, and the application of an absorbent (e.g., granular, pillow, sock, etc.) shall be used to absorb and contain the spill. Furthermore, any spill of petroleum liquids (e.g., fuel) or material listed on 40 CFR 302 Table 302.4 of a

reportable quantity must be cleaned up and reported to the appropriate Federal and state agencies. Reportable quantities of those substances listed on 40 CFR 302 Table 302.4 will be included as part of the Spill Prevention, Control and Countermeasures Plan (SPCCP). A SPCCP will be in place prior to the start of construction and all personnel will be briefed on the implementation and responsibilities of this plan.

- 2) All waste oil and solvents shall be recycled. All non-recyclable hazardous and regulated wastes shall be collected, characterized, labeled, stored, transported, and disposed of in accordance with all Federal, state, and local regulations, including proper waste manifesting procedures.
- 3) Solid waste receptacles shall be maintained at staging areas. Non-hazardous solid waste (trash and waste construction materials) shall be collected and deposited in on-site receptacles. Solid waste shall be collected and disposed of by a local waste disposal contractor.
- 4) Waste materials and other discarded materials will be removed from the site as quickly as possible.
- 5) Waste water (water used for project purposes that is contaminated with construction materials, was used for cleaning equipment and thus carries oils or other toxic materials or other contaminants in accordance with state regulations) will be stored in closed containers on site until removed for disposal. Concrete wash water will not be dumped on the ground, but will be collected and moved offsite for disposal.
- 6) The perimeter of all areas to be disturbed during construction or maintenance activities shall be clearly demarcated using flagging or temporary construction fence, and no disturbance outside of that perimeter will be authorized.
- 7) No off-road vehicle activity will occur outside of the project footprint by the project proponent, project workers, and project contractors.
- 8) No pets owned or under the care of the project proponent or any and all construction workers will be permitted inside the project's construction boundaries, adjacent native habitats, or other associated work areas.
- 9) Vehicular traffic associated with the construction activities and operational support activities shall remain on established roads to the maximum extent practicable. Areas with highly erodible soils shall incorporate various BMPs, such as, straw bales, aggregate materials, and wetting compounds, to control erosion. A SWPPP will be prepared prior to construction activities and BMPs described in the SWPPP will be implemented to reduce erosion.
- 10) Any unnecessary ground disturbance, such as scraping or vegetation removal, shall be avoided within temporary staging areas as approved by the COR. When required, these areas shall be hand cleared to avoid disturbance to soils. Minimizing disturbance of the soils shall facilitate natural restoration (i.e., some native plants will resprout if not heavily disturbed), and shall impede the establishment of non-native plant species (i.e., many invasive, non-native plant species will easily invade and dominate heavily disturbed areas).
- 11) Construction equipment shall be cleaned using BMPs prior to entering and departing the project corridor to minimize the spread and establishment of non-native invasive plant species.
- 12) Transmission of disease vectors and invasive non-native aquatic species can occur if vehicles cross infected or infested streams or other waters and water or mud remains on the vehicle. If these vehicles subsequently cross or enter uninfected or infested waters, the disease or

invasive species may be introduced to the new area. To prevent this, crossing of streams or marsh areas with flowing or standing water will be avoided, and if not, the vehicle sprayed with a 10% bleach solution or allowed to dry completely to kill any organisms.

- 13) The U.S. Fish and Wildlife Service (USFWS) lists federally protected species with the potential of occurring in Imperial County. It is the Contractor's responsibility to be aware of these species and if any of these species are encountered the Contractor shall take appropriate measures to protect each species. Refer to the Environmental Assessment for a list of federally protected species.
- 14) The Government will designate a qualified biological monitor who will be responsible for overseeing compliance with protective measures for federally protected species during construction activities within designated areas. The designated biologist's qualifications will be subject to the approval of USFWS. The biologist will immediately notify the Government's designated representative to halt all associated project activities which may be in violation of the biological opinion. In such an event, the Government will halt all construction activities and contact USFWS within 24 hours. If an individual of a federally protected species is found in the designated project area, work will cease in the area of the species until either a qualified biological monitor can safely remove the individual, or it moves away on its own.
- 15) The biological monitor shall have the authority to temporarily suspend the project if necessary to ensure compliance with the BMPs. This authority must be provided to the biological monitor by the Contractor's construction manager in the worker orientation training.
- 16) Peninsular Bighorn Sheep. During any construction activities, if a sheep is seen within one mile of the activity, any work that could disturb the sheep will cease. For vehicle operations, this will entail stopping the vehicle until the sheep moves away. Vehicles may continue on at reduced speeds (10-15 miles per hour) once the sheep has moved away. For construction the biological monitor will request that work suspend until the sheep moves out of the area. If, after three hours of the initial sighting, sheep do not move beyond one mile away from the project activity or vehicle, project personnel will retreat from the area in the direction from which they came.
- 17) The Government has developed (in coordination with USFWS) a training plan regarding Trust Resources for border patrol and construction personnel that will be presented at the pre-construction meeting. At a minimum, the program will include the following topics: Occurrence of the listed and sensitive species in the area, their general ecology, sensitivity of the species to human activities, legal protection afforded these species, penalties for violations of Federal and State laws, reporting requirements, and project features designed to reduce the impacts to these species and promote continued successful occupation of the project area environs. Included in this program will be color photos of the listed species, which will be shown to the employees. Following the education program, the photos will be posted in the contractor and resident engineer office, where they will remain through the duration of the project. The Government and designated biological monitor will be responsible for ensuring that the Contractor's employees are aware of the listed species.
- 18) Water for construction use shall be from wells or irrigation water sources at the discretion of the landowner. If local groundwater pumping is an adverse effect to aquatic, marsh, or riparian dwelling federally protected species, treated water from outside the immediate area will be utilized.
- 19) The project site shall only be accessed using designated, existing roads. Parking will be in designated disturbed areas. This should limit the development of multiple trails to the project site and reduce the effects to federally protected species habitat in the vicinity.

- 20) There are no known sensitive cultural sites within the project corridor. If any cultural material is discovered during the construction efforts, then all activities will halt until a qualified archaeologist assesses the cultural remains. The Contractor may continue to work in areas that have been previously cleared, unless cultural resource materials are also discovered in these areas.
- 21) Standard construction procedures shall be implemented to minimize the potential for erosion and sedimentation during construction. All work shall cease during heavy rains, and shall not resume until conditions are suitable for the movement of equipment and materials.
- 22) All fuels, waste oils, and solvents shall be collected and stored in tanks or drums within a secondary containment area consisting of an impervious floor and bermed sidewalls capable of holding the volume of the largest container stored therein. The refueling of machinery shall be completed following accepted guidelines, and all vehicles shall have drip pans during storage to contain minor spills and drips. No refueling or storage shall take place within 100 feet of a drainage channel or structure. Other design measures shall be implemented, such as straw bales, silt fencing, aggregate materials, wetting compounds, and re-vegetation with native plant species, where possible, to decrease erosion and sedimentation. Furthermore, a SWPPP and all applicable Section 404/401 permit procedures shall be completed before construction shall be initiated within jurisdictional Waters of the U.S. (WUS). It shall be the responsibility of the Contractor to prepare and submit 404 and 401 permit applications to the respective USCOE and State offices.
- 23) All equipment maintenance, staging, laydown, and dispensing of fuel, oil, or any other such activities, will occur in designated upland areas. The designated upland areas will be located in such a manner as to prevent any runoff from entering waters of the United States, including wetlands.
- 24) If all ground disturbing activities cannot be completed outside of the migratory bird nesting season (February 1 - August 31), prior to the start of the project, and as a one time occurrence, the Government's biological monitor, at no cost to the contractor, shall conduct migratory bird surveys at the project site before said activities begin. Prior to the ground disturbing activities the Contractor shall provide the Government's resident engineer with a schedule for all ground disturbing activities such as geotechnical investigations, clearing and grubbing etc. which will be coordinated with the Government's biological monitor. The Government's biological monitor will locate and clearly mark bird nests 48 hours prior to the Contractor's scheduled ground disturbing activities. Under no circumstance shall the Contractor conduct any of the ground disturbing activities prior to the completion of the surveys by the Government's biological monitor. Clearing and grubbing and all other ground disturbing activities shall be limited to biologically surveyed areas.
- 25) To prevent entrapment of wildlife species during the construction of the project, all excavated, steep-walled holes or trenches more than 2 feet deep will either be covered at the close of each working day by plywood or provided with one or more escape ramps constructed of earth fill or wooden planks. The ramps will be located at no greater than 1,000-foot intervals and will be sloped less than 45 degrees. Each morning before the start of construction and before such holes or trenches are filled, they will be thoroughly inspected for trapped animals. Any animals so discovered will be allowed to escape voluntarily (by escape ramps or temporary structures), without harassment, before construction activities resume, or removed from the trench or hole by a qualified biologist and allowed to escape unimpeded.
- 26) To prevent entrapment of wildlife species during placement or vertical posts/bollards, all vertical fence posts/bollards that are hollow (i.e., those that will be filled with a reinforcing material such as concrete), shall be covered so as to prevent wildlife from entrapment. Covers will be deployed from the time the posts or hollow bollards are erected to the time they are filled with reinforcing material.

- 27) Mitigation measures will be incorporated to ensure that PM₁₀ emission levels do not rise above the de minimus threshold as required per 40 CFR 51.853(b)(1). Measures shall include dust suppression methods to minimize airborne particulate matter that will be created during construction activities. Standard construction BMPs, such as routine watering of the patrol, drag, and access roads, shall be used to control fugitive dust during the construction phases of the proposed project. Additionally, all construction equipment and vehicles shall be required to be kept in good operating condition to minimize exhaust emissions.
- 28) Construction speed limits will not exceed 35 miles per hour on major unpaved roads (graded with ditches on both sides) and 25 miles per hour on all other unpaved roads.
- 29) During the construction phase, short term noise impacts are anticipated. All Occupational Safety and Health Administration requirements shall be followed. Construction equipment shall possess properly working mufflers and shall be kept properly tuned to reduce backfires. Implementation of these measures shall reduce the expected short term noise impacts to an insignificant level in and around the construction site.
- 30) The Contractor shall take measures to ensure light plants or any type of lighting are not directed at areas of residence on either side of the International Boundary, in particular, the area of Los Algodones, Mexico.

APPENDIX A

CONSTRUCTION PLANS

DEPARTMENT OF HOMELAND SECURITY
CUSTOMS AND BORDER PROTECTION
OFFICE OF BORDER PATROL

YUMA SECTOR
ANDRADE PRIMARY FENCE REPAIR
DATE: OCTOBER 3, 2012



US Army Corps
of Engineers
Fort Worth District

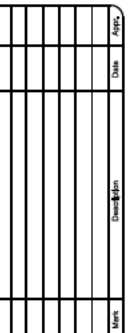
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ACI.....	American Concrete Institute
ADOT.....	Arizona Department of Transportation
ASTM.....	American Society for Testing Materials
APPROX...	Approximate
BF	Back Face
BM.....	Bench Mark
BOT.....	Bottom
BTWN.....	Between
CLR.....	Clear
CJ.....	Construction Joint
CONT.....	Continuation
COR.....	Contracting Officer's Representative
CP.....	Control Point
CST.....	Construction
CL.....	Centerline
DIA.....	Diameter
D.....	Depth
DHS.....	Department of Homeland Security
DTLS.....	Details
E.....	Easting
EA.....	Each
EJ.....	Expansion Joint
Elev.....	Elevation
EPNG.....	El Paso Natural Gas
EQ.....	Equal
ETC.....	Etcetera
EX.....	Existing
FF.....	Front Face
FT.....	Feet/Foot
FND.....	Foundation
GA.....	Gauge
GALV.....	Galvanized
H.....	Height/High
HORZ.....	Horizontal
IN.....	Inches
INT.....	Intermediate
INFO.....	Information
LBS.....	Pounds
LWC.....	Low Water Crossing
L.P.....	Low Point
LT.....	Left
MEG.....	Match Existing Grade
MIN.....	Minimum
MAX.....	Maximum
MCAU.....	Manufactured Concrete Armor Unit
N.T.S.....	Not to Scale
N.....	Northing
N/A.....	Not Applicable
OC.....	On Center
P&P.....	Plan and Profile
PCC.....	Portland Cement Concrete
PF.....	Pedestrian Fence
PL.....	Plate
POE.....	Port of Entry
PSI.....	Pounds Per Square Inch
PTFE.....	Polytetrafluoroethylene
PVI.....	Point of Vertical Intersection
R.....	Radius
RD.....	Road
REINF.....	Reinforced
REQD.....	Required
RFP.....	Request for Proposal
ROW.....	Right Of Way
RVSS.....	Remote Video Surveillance System
SHT.....	Sheet
SWR.....	Sewer
STA.....	Station
SPECS.....	Specifications
TH.....	Thickness
TYP.....	Typical
TBD.....	To Be Determined
TRM.....	Turf Reinforcement Mat
UFGS.....	Unified Facilities Guide Specifications
UG.....	Underground
UNO.....	Unless Noted Otherwise
USACE.....	United States Army Corps Of Engineers
USIBWC.....	United States International Boundary & Water Commission
VERT.....	Vertical
VF.....	Vehicular Fence
W/.....	With
WSE.....	Water Surface Elevation
WTR.....	Water Main
&.....	and

Base Course	
Prepared Subgrade	
Aggregate Surface/ Native Soil	
Engineered Fill	
New Conc.	
New Rip Rap	
Center Line	
Geometry Table Reference Number	
Border Monument	
Existing Light Pole	
Flow Arrow	
Permanent Easement	
Existing Fence	
New Fence	
Cut Line	
Fill Line	
Straw Rolls	
Silt Fence	
Drilled Shaft Wall	
Modular Block Retaining Wall	

<u>DESCRIPTION</u>	<u>SHEET NO.</u>
COVER	
ABBREVIATIONS, LEGEND, AND SHEET INDEX	G-1,01
GENERAL NOTES	G-1,02
GENERAL NOTES	G-1,03
KEY MAP & GEOMETRIC CONTROL DATA	C-1,01
PLAN VIEW C-1 FENCE ALIGNMENT	C-2,01
CROSS SECTIONS	C-3,01
CROSS SECTIONS	C-3,02
CROSS SECTIONS	C-3,03
CROSS SECTIONS	C-3,04
AREA 2 GRADING PLAN	D-1,01
RETAINING WALL ELEVATIONS	S-1,01
RETAINING WALL CROSS SECTIONS	S-1,02
DETAILS	S-1,03
BOLLARD FENCE WITH PLATE SHEET 1 OF 2	S-1,04
BOLLARD FENCE WITH PLATE SHEET 2 OF 2	S-1,05



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WAS OFFICE OF BORDER PATROL YUMA SECTOR	WLLC, 10/3/12 Submitted by: (b) (6) Plot date: 10/3/12
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ABBREVIATIONS, LEGEND,
AND SHEET INDEX

G-1.01

1. ANY AND ALL DAMAGES TO EXISTING ROADS, FENCES, UTILITIES, AND ALL OTHER EXISTING STRUCTURES RESULTING FROM THE CONTRACTOR'S CONSTRUCTION ACTIVITIES SHALL BE REPLACED AND REPAIRED TO ORIGINAL CONDITION OR BETTER, AND TO THE SATISFACTION OF THE COR (CONTRACTING OFFICERS REPRESENTATIVE) AT THE EXPENSE OF THE CONTRACTOR.
2. THE CONTRACTOR, AT HIS OWN EXPENSE SHALL RESPOND TO COMPLAINTS REGARDING DUST AND NOISE POLLUTION RESULTING FROM HIS WORK.
3. THE CONTRACTOR SHALL PROVIDE SAFE ACCESS TO AND FROM ALL DRIVEWAYS AND STREETS, PAVED OR UNPAVED, AT ALL TIMES DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL VERIFY AND CHECK ALL DIMENSIONS, LOCATIONS, ELEVATIONS, AND DETAILS SHOWN ON THESE DRAWINGS PRIOR TO THE START OF CONSTRUCTION. ANY UNCERTAINTIES AND DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER FOR CLARIFICATION PRIOR TO COMMENCING THAT WORK FEATURE.
5. THE PROJECT SHALL BE SECURED AT ALL TIMES DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL DISPOSE OF ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL OFF THE GOVERNMENT OWNED LAND AT AN APPROVED OFF-SITE DISPOSAL AREA IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS. ALL PERMITS REQUIRED FOR OFF-SITE DISPOSAL SHALL BE OBTAINED BY THE CONTRACTOR.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLIANCE WITH AND THE ENFORCEMENT OF ALL APPLICABLE SAFETY REGULATIONS.
8. IN CASE OF DISCREPANCY BETWEEN THE SPECIFICATIONS AND CONSTRUCTION DOCUMENTS, THE MORE STRINGENT SHALL APPLY.
9. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF USACE, DHS, AND USBWC.
10. CONTRACTOR SHALL CONFINE ALL WORK EFFORTS WITHIN THE DESIGNATED R.O.W. OR EASEMENTS UNLESS SPECIFICALLY AUTHORIZED IN WRITING TO DO OTHERWISE BY THE OWNER OR THE OWNER'S AUTHORIZED REPRESENTATIVE.
11. THE CONTRACTOR SHALL PRESERVE AND PROTECT OR REMOVE AND REPLACE (WITH PRIOR WRITTEN APPROVAL OF AFFECTED PROPERTY OWNERS) ALL TREES, SHRUBS, HEDGES, RETAINING WALLS, LANDSCAPING, BUILDINGS, WALKS, ETC., IN OR NEAR CONSTRUCTION AREA.

1. LOCATIONS OF UNDERGROUND UTILITIES ARE FROM BEST INFORMATION AVAILABLE AT THE TIME THESE PLANS WERE PREPARED. THE GOVERNMENT DOES NOT WARRANT THE ACCURACY OF THE INFORMATION PROVIDED. ANY DEVIATION SHALL BE CALLED TO THE ATTENTION OF THE COR PRIOR TO PROCEEDING WITH WORK IN THE AREA OF FOUND UTILITIES.
2. PUBLIC AND PRIVATE UTILITY LINES AND CUSTOMER SERVICE LINES MAY EXIST THAT ARE NOT SHOWN ON THE CONSTRUCTION DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, MAINTAIN AND PROTECT THE INTEGRITY OF THESE LINES. HAND EXCAVATION MAY BE REQUIRED.
3. CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY TO RELOCATE OR DIVERT ANY UTILITY IN CONFLICT WITH PROPOSED CONSTRUCTION SO AS NOT TO DISRUPT SERVICE OF IT. CONTRACTOR SHALL RESTORE, RELOCATE OR DIVERT UTILITY TO ITS ORIGINAL CONDITION AND LOCATION WHEN APPLICABLE UPON COMPLETION OF CONSTRUCTION.

1. EGRESS/INGRESS TO THE PROJECT SITE SHALL BE FROM THE EXISTING ROADS SHOWN IN THE PLANS. THE CONTRACTOR SHALL NOT USE ANY OTHER ROADS FOR ACCESS TO OR ON THE SITE.
2. EGRESS/INGRESS AND HAUL ROUTES MAY BE USED BY MORE THAN ONE CONTRACTOR. COOPERATION BETWEEN CONTRACTORS IS EXPECTED AS CONTRACTORS USING THE ROUTES SHALL WORK OUT A ROAD MAINTENANCE SCHEDULE IN ORDER TO KEEP AT ALL TIMES DRIVABLE AND WORKABLE CONDITIONS.
3. ALL ACCESS ROADS AND STAGING AREAS SHALL BE RETURNED TO EQUAL OR BETTER CONDITIONS UPON COMPLETION OF CONSTRUCTION. SEE SECTION 01 00 50 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE AT ALL TIMES DURING CONSTRUCTION OF PROPOSED FACILITIES.
2. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES DURING THE INSTALLATION OF THE STRUCTURES AND DRAINAGE IMPROVEMENTS.

1. CONTRACTOR SHALL PROVIDE AND MAINTAIN SEDIMENT CONTROL SERVICES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS THROUGHOUT THE TERM OF THE WORK COVERED BY THIS CONTRACT.

1. PRIOR TO GENERAL GRADING, ALL AREAS TO BE IMPROVED SHOULD BE STRIPPED OF ANY EXISTING STRUCTURES AND VEGETATION. ALL DEBRIS OR OTHER DELETERIOUS MATERIALS SHOULD BE EXCAVATED AND DISPOSED AT AN APPROVED OFF-SITE DISPOSAL AREA IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS. ALL PERMITS REQUIRED FOR OFF-SITE DISPOSAL SHALL BE OBTAINED BY THE CONTRACTOR. SEE SPEC SECTION 31 11 00 FOR ADDITIONAL INFORMATION.

3. ALL AREAS TO RECEIVE ENGINEERED FILL FOR THE FUTURE SUPPORT SHALL BE SCARIFIED TO A DEPTH OF 8", UNIFORMLY MOISTURE-CONDITIONED TO WITHIN 3% OF THE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO AT LEAST 90% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM TEST METHOD D1557.

4. GRADING PERFORMED DURING OR SUBSEQUENT TO WET WEATHER MAY RESULT IN NEAR-SURFACE SITE SOILS WITH MOISTURE CONTENTS SIGNIFICANTLY ABOVE OPTIMUM. THIS CONDITION COULD HAMPER EQUIPMENT MANEUVERABILITY AND EFFORTS TO COMPACT SITE SOILS TO THE RECOMMENDED COMPACTION CRITERIA. DURING MOST OF THE YEAR, THE SITE WILL TYPICALLY DRY TO WORKABLE MOISTURE CONTENTS WITHIN ONE TO TWO DAYS. IF TIME IS A CRITICAL FACTOR, DISKING FOR AERATION, CHEMICAL TREATMENT, REPLACEMENT WITH DRIER MATERIAL, STABILIZATION WITH A GEOTEXTILE FABRIC OR GRID, OR OTHER METHODS MAY BE IMPLEMENTED TO REDUCE EXCESSIVE SOIL MOISTURE AND FACILITATE EARTHWORK OPERATIONS.

1. ALL EXCAVATED MATERIAL IS TO BE REMOVED FROM THE PROJECT AND STAGING AREAS AND DISPOSED OF AT AN APPROVED OFF-SITE LOCATION, UNLESS OTHERWISE NOTED OR APPROVED FOR USE AS BACKFILL MATERIAL.
2. TRUCKS SHALL BE LOADED IN A MANNER SO AS TO AVOID LOSS OF LOADED MATERIAL OR ANY PORTION THEREOF DURING TRANSPORT IN ACCORDANCE WITH STATE LAW. ALL TRUCKS SHALL UTILIZE TARPS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY HAUL ROAD SURFACE IRREGULARITIES AS DIRECTED BY THE COR, CAUSED BY THE CONTRACTOR'S LOADING OR HAULING OPERATIONS.
4. SEE SPECIFICATION SECTION 31 00 00 FOR ADDITIONAL INFORMATION.

1. ENGINEERED FILL REQUIRED TO BRING THE SITE TO GRADE SHOULD BE FREE OF VEGETATION AND DEBRIS, AND CONTAIN NO ROCKS OR LUMPS LARGER THAN 3" NOMINAL DIAMETER. ENGINEERED FILL SHOULD MEET THE FOLLOWING GRADATION REQUIREMENTS WHEN TESTED IN ACCORDANCE WITH ASTM TEST METHOD C 136;

THE SOILS SHOULD POSSESS A PLASTICITY INDEX OF NO GREATER THAN 15 AND A LIQUID LIMIT NO GREATER THAN 35 WHEN TESTED IN ACCORDANCE WITH ASTM TEST METHOD D 4318.

2. ENGINEERED FILL SHOULD BE UNIFORMLY MOISTURE-CONDITIONED TO WITHIN 3% OF THE OPTIMUM MOISTURE CONTENT, PLACED IN HORIZONTAL LIFTS NO GREATER THAN 8" IN LOOSE THICKNESS, AND COMPACTED BY MECHANICAL MEANS ONLY, TO AT LEAST 90% OF THE MAXIMUM DRY DENSITY. OPTIMUM MOISTURE CONTENT AND MAXIMUM DENSITY SHOULD BE DETERMINED IN ACCORDANCE WITH ASTM TEST METHOD D1557.

3. EXCAVATED ON-SITE SOILS MEETING THE ABOVE REQUIREMENT MAY BE REUSED FOR ENGINEERED FILL. IMPORTED MATERIALS SHOULD MEET THE PREVIOUSLY PRESENTED REQUIREMENTS FOR ENGINEERED FILL AND SHOULD BE INSPECTED AND TESTED AT THE SOURCE PRIOR TO IMPORTATION TO THE SITE.

1. DUE TO VARIABILITY OF SITE SOILS, ISOLATED AREAS OF THE SUBGRADE MAY REQUIRE OVER-EXCAVATION AND RECOMPACTION TO MITIGATE LOOSE OR DISTURBED SOIL CONDITIONS. SUBGRADE SHALL BE PROOF-ROLLED WITH A LOADED 10,000-GALLON WATER TRUCK FOLLOWING CLEARING, GRUBBING, AND SITE GRADING. AREAS OBSERVED TO DEFLECT UNDER THE PRESSURE EXERTED BY THE 10,000-GALLON WATER TRUCK WILL REQUIRE OVER-EXCAVATION AND REPLACEMENT WITH ENGINEERED FILL. OVER-EXCAVATION AND REPLACEMENT SHALL BE LIMITED TO A DEPTH OF 1'.

2. SUBGRADE SOILS SHOULD BE UNIFORMLY MOISTURE-CONDITIONED TO WITHIN 3% OF THE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO AT LEAST 90% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM TEST METHOD D1557.

3. SEE SPECIFICATION SECTION 31 00 00 FOR ADDITIONAL INFORMATION.

FIELD QUALITY CONTROL

1. TESTING AGENCY: CONTRACTOR WILL ENGAGE A QUALIFIED INDEPENDENT GEOTECHNICAL ENGINEERING TESTING AGENCY TO PERFORM FIELD QUALITY CONTROL TESTING. CONTRACTOR WILL COORDINATE TESTING WITH OWNER AND SELECTED GEOTECHNICAL FIRM. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING OWNER WHEN TESTING WILL BE REQUIRED. A MINIMUM OF 24-HOURS ADVANCE NOTICE IS REQUIRED.

2. ALLOW TESTING AGENCY TO INSPECT AND TEST SUBGRADES AND EACH FILL OR BACKFILL LAYER, PROCEED WITH SUBSEQUENT EARTHWORK ONLY AFTER TEST RESULTS FOR PREVIOUSLY COMPLETED WORK COMPLY WITH REQUIREMENTS.

3. A GEOTECHNICAL ENGINEER OR A QUALIFIED INSPECTOR SHALL REVIEW CONDITIONS OF NATIVE SOILS EXPOSED IN FOUNDATION EXCAVATIONS FOR CONSISTENCY WITH THE SOIL CONDITIONS ANTICIPATED BY THE PROJECT GEOTECHNICAL REPORT AND FOR APPLICABILITY OF THE RECOMMENDATIONS FOR BEARING ON NATIVE SOILS PRESENTED IN THE PROJECT GEOTECHNICAL REPORT, IF SOIL CONDITIONS SIGNIFICANTLY DIFFERENT THAN THOSE ENCOUNTERED IN THE BORINGS FOR THE PROJECT GEOTECHNICAL REPORT ARE OBSERVED DURING REVIEW OF NATIVE SOILS IN FOUNDATION AREAS. A GEOTECHNICAL ENGINEER MUST REVIEW THE ENCOUNTERED CONDITIONS AND DEVELOP RECOMMENDATIONS FOR ADDITIONAL EXPLORATION AND REVISE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AS NEEDED BASED ON THE RESULTS OF ADDITIONAL EXPLORATION.

4. TESTING AGENCY WILL TEST COMPACTION OF SOILS IN PLACE ACCORDING TO ASTM D 1556, ASTM D 2167, ASTM D 2922, AND ASTM D 2937, AS APPLICABLE. TESTS WILL BE PERFORMED AT THE FOLLOWING LOCATIONS AND FREQUENCIES.

5. TRENCH BACKFILL: AT EACH COMPACTED INITIAL AND FINAL BACKFILL LAYER, AT LEAST ONE TEST FOR EACH 150 FEET (46M) OR LESS OF TRENCH LENGTH, BUT NO FEWER THAN TWO TESTS.

6. WHEN TESTING AGENCY REPORTS THAT SUBGRADES, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR AERATE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED, RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.

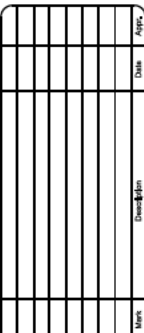
7. CONCRETE PLACEMENT IS TO BE OBSERVED BY THE ENGINEER'S REPRESENTATIVE TO ENSURE THAT IT MEETS REQUIREMENTS. A QUALITY CONTROL REPORT, DOCUMENTING COMPLIANCE WITH DESIGN DETAILS AND SPECIFICATIONS, IS TO BE SUBMITTED FOR EACH DRILLED SHAFT.

(b) (7)(E)

(b) (7)(E)

5. FIELD WELDING, CUTTING OR BENDING OF REINFORCEMENT SHALL NOT BE ALLOWED UNLESS NOTED OTHERWISE OR UNLESS PRIOR APPROVAL IS OBTAINED FROM THE ENGINEER.

6. LAP BARS ONLY AT LOCATIONS SHOWN ON THE DRAWINGS, OR AS APPROVED BY THE CORPS.



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CONSTRUCTION



Designed by:	W.L.C.	Date:	10/3/12	Rev.
Drawn by:	(b) (6)	Submitted by:		
Reviewed by:	(b) (6)	Plot date:	10/3/12	

DEPARTMENT OF HOMELAND SECURITY
CUSTOMS AND BORDER PROTECTION
OFFICE OF BORDER PATROL
YUMA SECTOR

ANDRADE FENCE REPAIR

GENERAL NOTES

G-1.02

STRUCTURAL STEEL:

1. STRUCTURAL STEEL SHALL CONFORM TO SPECIFICATION SECTION 05 12 00.
2. AS APPLICABLE, STRUCTURAL STEEL SHOP DRAWINGS, INCLUDING THE DESIGN AND DETAILING OF STRUCTURAL STEEL CONNECTIONS SHALL BE DONE UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER.
3. E70XX ELECTRODES SHALL BE USED FOR ALL WELDING.

RETAINING WALL FOUNDATIONS:

1. FOUNDATIONS SHALL BE CAST ON PROPERLY COMPACTED SOIL. NATIVE SOILS SHALL BE COMPACTED TO AT LEAST 95% RELATIVE DENSITY AT +2% OF OPTIMUM MOISTURE. (ASTM D1557).
2. SEE SHEET S-1.03 FOR DRILLED SHAFT REQUIREMENTS.

SITE CLEAN-UP:

1. THE CONTRACTOR SHALL CLEANUP AND RESTORE THE AREA OF OPERATIONS TO A CONDITION AS GOOD AS OR BETTER THAN THAT WHICH EXISTED PRIOR TO INSTALLATION OF ALL ITEMS TO BE CONSTRUCTED.
2. THE CONTRACTOR SHALL REMOVE FROM THE PROJECT AREA ALL SURPLUS MATERIAL. THIS SHALL BE INCIDENTAL AND NOT A SEPARATE PAY ITEM UNLESS STATED OTHERWISE. SURPLUS MATERIALS FROM EXCAVATION INCLUDING SPOILS, CONCRETE, TRASH, ETC., SHALL BE PROPERLY DISPOSED OF AT A SITE ACCEPTABLE TO USAGE. THE CONTRACTOR SHALL PROVIDE A LETTER STATING SO. NO EXCESS EXCAVATED MATERIAL SHALL BE DEPOSITED IN LOW AREAS OR ALONG NATURAL DRAINAGE WAYS WITHOUT WRITTEN PERMISSION FROM THE AFFECTED PROPERTY OWNERS AND THE USAGE. IF THE CONTRACTOR PLACES EXCESS MATERIAL IN THE AREAS WITHOUT WRITTEN PERMISSION, HE WILL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM SUCH FILL AND CONTRACTOR SHALL REMOVE THE MATERIAL AT OWN COST.
3. CONTRACTOR TO ENSURE THAT ALL EXCAVATION MATERIALS STAY WITHIN THE U.S. BOUNDARY.

BASE CONTRACT AND OPTIONS:

CONSTRUCTION WORK IS SPLIT INTO A BASE CONTRACT WITH 2 OPTIONS.

BASE CONTRACT: (b) (7)(E)

OPTION 1 (b) (7)(E)
OPTION 2 (b) (7)(E)

[illegible]

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CONSTRUCTION

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Phoenix, AZ 85012

CAS OFFICE OF BORDER PATROL YUMA SECTOR	WLLC.	10/3/12
	Own by: [REDACTED] (b)(7) Submitted by: [REDACTED] (b)(7)	10/3/12
	Reviewed by: [REDACTED] (b)(7)	Plot date: 10/3/12

CONCLUSIONS

G-1.03

[illegible]

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ANDRADE FENCE REPAIR

KEY MAP & GEOMETRIC
CONTROL DATA

C-1.01

C-1 FENCE REPAIR CONSTRUCTION CENTERLINE					
POINT DESCRIPTION	STATION	BEARING	DISTANCE	NORTHING	EASTING
POB	(b) (7)(E)				
PI					
POE					

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-SETTING ANY BENCHMARKS FOUND WITHIN THE CONSTRUCTION FOOT PRINT. THIS WORK SHALL BE DONE UNDER THE DIRECTION OF A PROFESSIONAL LAND SURVEYOR AND THE INFORMATION SHALL BE PROVIDED TO THE GOVERNMENT FOR THEIR RECORDS.

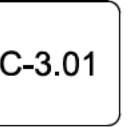
SITE BENCH MARKS				
POINT #	NORTHING	EASTING	DESCRIPTION	ELEVATION
101	(b) (7)(E)			
102				

(b) (7)(E) TATION DESCRIBED AS A [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(b) (7)(E) STATION DESCRIBED AS A (b) (7)(F)

(b) (7)(E)

(b) (7)(E)



(b) (7)(E)

[illegible]

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DEPARTMENT OF HOMELAND SECURITY CUSTOMS AND BORDER PROTECTION OFFICE OF TRADE AND TRADE TAMA SECTOR	Designed by: W.L.C.	Dates: 10/3/12	Rev.
	Own by: Ckd by:	Submitted by:	
	Reviewed by:	Plot date: 10/3/12	

ANDRADE FENCE REPAIR

CROSS SECTIONS

STA [REDACTED] (b) (7)(E)

C-3.02

(b) (7)(E)

C-3.03

ANDRADE FENCE REPAIR

CROSS SECTIONS

STA [REDACTED] (b) (7)(E)

DEPARTMENT OF HOMELAND SECURITY
CUSTOMS AND BORDER PROTECTION
OFFICE OF BORDER PATROL
YUMA SECTOR

Designed by: W.L.C.	Date: 10/3/12	Rev.
Down by: [REDACTED]	Ckd by: [REDACTED]	Submitted by:
Reviewed by: [REDACTED]	Plot date: 10/3/12	

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Mark	Description	Date	Appr.



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(p)(7)(E)

(b) (7)(E)

(b) (7)(E)
[REDACTED]
BMW23-01A CBP 002902

C-3.04

ANDRADE FENCE REPAIR

CROSS SECTIONS

STA [REDACTED] (b) (7)(E)

DEPARTMENT OF HOMELAND SECURITY
CUSTOMS AND BORDER PROTECTION
OFFICE OF BORDER PATROL
YUMA SECTOR

Designed by: W.L.C.	Date: 10/3/12	Rev.
Dwn by: [REDACTED]	Ckd by: [REDACTED]	Submitted by: [REDACTED]
Reviewed by: [REDACTED]	Plot date: 10/3/12	

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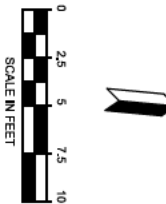
Michael Baker Jr., Inc.
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Phoenix, AZ 85012

Designed by: W.L.C.	Date: 10/3/12	Rev.
Dwn by:	Ckd by:	Submitted by:
Reviewed by:	Plot date: 10/3/12	

DEPARTMENT OF HOMELAND SECURITY
CUSTOMS AND BORDER PROTECTION
OFFICE OF BORDER PATROL
YUMA SECTOR

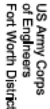
ANDRADE FENCE REPAIR

AREA 2 GRADING PLAN



D-1.01

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CUSTOMS AND BORDER PROTECTION
OFFICE OF BORDER PATROL
YUMA SECTOR

S-1.01

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	Reviewed by: [REDACTED] (b) (6)	Plot date: 10/3/12

RETAINING WALL CROSS SECTIONS

SHEET
S-1.02

(b) (7)(E)

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DEPARTMENT OF HOMELAND SECURITY CUSTOMS AND BORDER PROTECTION OFFICE OF BORDER PATROL YUMA SECTOR	
ANDRADE FENCE REPAIR RETAINING WALL DETAILS	
SHEET S-1.03	
2966	
Designed by:	W.L.C.
Drawn by:	(b) (7)(E)
Check by:	(b) (7)(E)
Date:	10/3/12
Submitted by:	(b) (7)(E)
Plot date:	10/3/12
Rev.	

(b) (7)(E)

(b) (7)(E)



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JUDGE OFFICE OF BORDER CONTROL YUMA SECTOR	W&C: 10/3/12	Submitted by:
	Dwn by: Ckd by: (b) (6)	Plot date: 10/3/12
	Reviewed by: (b) (6)	

**BOLLARD FENCE
WITH PLATE
SHEET 1 OF 2**

S-1.04

NOTES:

1. INTERMEDIATE PANEL BOLLARDS SHALL BE IN A NEAT & ORDERLY ACROSS THE PANEL. THE TOPS OF INTERMEDIATE PANEL BOLLARDS SHALL BE INSTALLED (b) (7)(E) OF THE STEEL SHEATHING. CUTTING OF INTERMEDIATE PANEL BOLLARDS NOT REQUIRED.

(b) (7)(E)

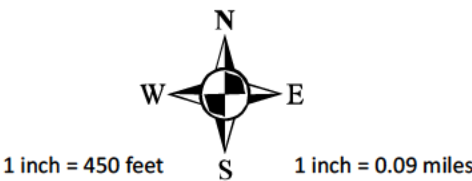
APPENDIX B

ACCESS & STAGING MAP

C-1 Fence Repair Project - Access Road and Site Locations

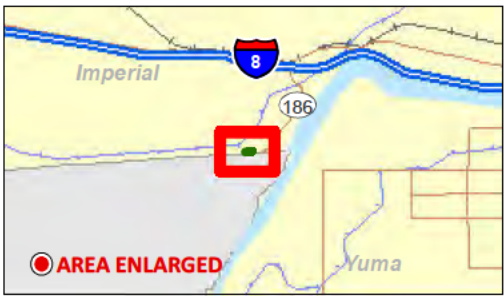


LEGEND



Legend

- Area 1 (Option 2)
- Area 2 (Base)
- Area 3 (Option 1)
- State Route 186
- Project Access
- Staging Area



Date: 10/3/2012 Baker
Michael Baker Jr., Inc.

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BW23 FOIA CBP 002970

APPENDIX C

CONSTRUCTION SPECIFICATIONS

**ANDRADE PRIMARY FENCE REPAIR
CONSTRUCTION SPECIFICATIONS – 90% SUBMITTAL**

OFFICE OF BORDER PATROL, YUMA SECTOR

**CUSTOMS AND BORDER PROTECTION
DEPARTMENT OF HOMELAND SECURITY**

IMPERIAL COUNTY, CALIFORNIA

SECTION	DESCRIPTION
03 20 00.00 10	Concrete Reinforcing
03 30 00.00 10	Cast-in-Place Concrete
03 37 13	Shotcrete
03 60 00	Grouting
	Soil Cement
05 05 23	Welding, Structural
05 12 00	Structural Steel
31 00 00	Earthwork
31 63 29	Drilled Concrete Piers and Shafts
	Pre-Manufactured Retaining Wall System

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SECTION 03 20 00.00 10

CONCRETE REINFORCING
08/10

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN CONCRETE INSTITUTE INTERNATIONAL (ACI)

ACI 318 (2011) Building Code Requirements for
Structural Concrete and Commentary

ACI SP-66 (2004) ACI Detailing Manual

AMERICAN WELDING SOCIETY (AWS)

AWS D1.4/D1.4M (2011) Structural Welding Code -
Reinforcing Steel

ASTM INTERNATIONAL (ASTM)

ASTM A1035/A1035M (2009) Standard Specification for
Deformed and Plain, Low-carbon, Chromium,
Steel Bars for Concrete Reinforcement

ASTM A184/A184M (2006e1) Standard Specification for
Fabricated Deformed Steel Bar Mats for
Concrete Reinforcement

ASTM A370 (2011) Standard Test Methods and
Definitions for Mechanical Testing of
Steel Products

ASTM A497/A497M (2007) Standard Specification for Steel
Welded Wire Reinforcement, Deformed, for
Concrete

ASTM A53/A53M (2010) Standard Specification for Pipe,
Steel, Black and Hot-Dipped, Zinc-Coated,
Welded and Seamless

ASTM A615/A615M (2009b) Standard Specification for
Deformed and Plain Carbon-Steel Bars for
Concrete Reinforcement

ASTM A675/A675M (2003; R 2009) Standard Specification for
Steel Bars, Carbon, Hot-Wrought, Special
Quality, Mechanical Properties

ASTM A706/A706M (2009b) Standard Specification for
Low-Alloy Steel Deformed and Plain Bars

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	for Concrete Reinforcement
ASTM A767/A767M	(2009) Standard Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement
ASTM A775/A775M	(2007b) Standard Specification for Epoxy-Coated Steel Reinforcing Bars
ASTM A82/A82M	(2007) Standard Specification for Steel Wire, Plain, for Concrete Reinforcement
ASTM A884/A884M	(2006) Standard Specification for Epoxy-Coated Steel Wire and Welded Wire Reinforcement
ASTM A934/A934M	(2007) Standard Specification for Epoxy-Coated Prefabricated Steel Reinforcing Bars
ASTM E 94	(2004; R 2010) Radiographic Examination
CONCRETE REINFORCING STEEL INSTITUTE (CRSI)	
CRSI 10MSP	(2009; 28th Ed) Manual of Standard Practice

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-03 Product Data

Welding
Butt-Splices; G
Material; G

SD-04 Samples

Epoxy-Coated Bars

SD-06 Test Reports

Material; G
Tests, Inspections, and Verifications; G

SD-07 Certificates

Reinforcing Steel
Qualification of Steel Bar Butt-Splicers

1.3 QUALITY ASSURANCE

1.3.1 Welding Qualifications

Welders shall be qualified in accordance with AWS D1.4/D1.4M.

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Qualification test shall be performed at the worksite and notify the Contracting Officer 24 hours prior to conducting tests. Special welding procedures and welders qualified by others may be accepted as permitted by AWS D1.4/D1.4M. Submit a list of qualified welders names.

1.3.2 Qualification of Steel Bar Butt-Splacers

Qualification of steel bar butt-splacers shall be certified to have satisfactorily completed a course of instruction in the proposed method of butt-splicing or have satisfactorily performed such work within the preceding year. Submit certificates on the Qualifications of Steel Bar Butt-Splacers prior to commencing butt-splicing.

1.3.3 Qualification of Butt-Splicing Procedure

As a condition of approval of the butt-splicing procedure, make three test butt-splices of steel bars of each size to be spliced using the proposed butt-splicing method, in the presence of the Contracting Officer. These test butt-splices and unspliced bars of the same size shall be tension tested to destruction with stress-strain curves plotted for each test. Test results shall show that the butt-splices meet the specified strength and deformation requirements in order for the splicing procedure to be approved.

1.4 DELIVERY, STORAGE, AND HANDLING

Reinforcement and accessories shall be stored off the ground on platforms, skids, or other supports.

PART 2 PRODUCTS

2.1 DOWELS

Dowels shall conform to ASTM A675/A675M, Grade 80. Steel pipe conforming to ASTM A53/A53M, Schedule 80, may be used as dowels provided the ends are closed with metal or plastic inserts or with mortar.

2.2 FABRICATED BAR MATS

Fabricated bar mats shall conform to ASTM A184/A184M.

2.3 REINFORCING STEEL

Reinforcing steel shall be deformed bars conforming to ASTM A615/A615M, ASTM A706/A706M, or ASTM A1035/A1035M grades and sizes as indicated. Cold drawn wire used for spiral reinforcement shall conform to ASTM A82/A82M. In highly corrosive environments or when directed by the Contracting Officer, reinforcing steel shall conform to ASTM A767/A767M, ASTM A775/A775M, ASTM A1035/A1035M or ASTM A934/A934M as appropriate.

Submit certified copies of mill reports attesting that the reinforcing steel furnished contains no less than 25 percent recycled scrap steel and meets the requirements specified herein, prior to the installation of reinforcing steel.

2.3.1 Epoxy-Coated Bars

Epoxy-coated steel bars shall comply with the requirements of ASTM A775/A775M, including written certifications for coating material and

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coated bars, sample of coating material, and 1.5 pounds of patching material.

2.4 WELDED WIRE FABRIC

Welded wire fabric shall conform to ASTM A497/A497M. When directed by the Contracting Officer for special applications, welded wire fabric shall conform to ASTM A884/A884M. For wire with a specified yield strength (fy) exceeding 60,000 psi, fy shall be the stress corresponding to a strain of 0.35 percent.

2.5 WIRE TIES

Wire ties shall be 16 gauge or heavier black annealed steel wire.

2.6 SUPPORTS

Bar supports for formed surfaces shall be designed and fabricated in accordance with CRSI 10MSP and shall be steel or precast concrete blocks. Precast concrete blocks shall have wire ties and shall be not less than 4 inches square when supporting reinforcement on ground. Precast concrete block shall have compressive strength equal to that of the surrounding concrete. Where concrete formed surfaces will be exposed to weather or where surfaces are to be painted, steel supports within 1/2 inch of concrete surface shall be galvanized, plastic protected or of stainless steel. Concrete supports used in concrete exposed to view shall have the same color and texture as the finish surface. For slabs on grade, supports shall be precast concrete blocks, plastic coated steel fabricated with bearing plates, or specifically designed wire-fabric supports fabricated of plastic.

Bar supports shall comply with the requirements of ACI SP-66. Supports for bars in concrete with formed surfaces exposed to view or to be painted shall be plastic-coated wire, stainless steel or precast concrete supports. Precast concrete supports shall be wedged-shaped, not larger than 3-1/2 by 3-1/2 inches, of thickness equal to that indicated for concrete cover and have an embedded hooked tie-wire for anchorage. Bar supports used in precast concrete with formed surfaces exposed to view shall be the same quality, texture and color as the finish surfaces.

2.7 TESTS, INSPECTIONS, AND VERIFICATIONS

Perform material tests, specified and required by applicable standards, by an approved laboratory and certified to demonstrate that the materials are in conformance with the specifications. Tests, inspections, and verifications shall be performed and certified at the Contractor's expense. Submit certified tests reports of reinforcement steel showing that the steel complies with the applicable specifications for each steel shipment and identified with specific lots prior to placement. Submit three copies of the heat analyses for each lot of steel furnished certifying that the steel conforms to the heat analyses.

2.7.1 Reinforcement Steel Tests

Mechanical testing of steel shall be in accordance with ASTM A370 except as otherwise specified or required by the material specifications. Tension tests shall be performed on full cross-section specimens using a gage length that spans the extremities of specimens with welds or sleeves included. Chemical analyses of steel heats shall show the percentages of

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carbon, phosphorous, manganese, sulphur and silicon present in the steel.

2.7.2 Radiographic Examination of Welds

Radiographic examination of welds shall be in accordance with ASTM E 94 and shall be performed and evaluated by an approved testing agency adequately equipped to perform such services. Radiographs of welds and evaluations of the radiographs submitted for approval shall become the property of the Government.

PART 3 EXECUTION

3.1 REINFORCEMENT

Reinforcement steel and accessories shall be fabricated and placed as specified and shown and approved shop drawings. Fabrication and placement details of steel and accessories not specified or shown shall be in accordance with ACI SP-66 and ACI 318. Reinforcement shall be cold bent unless otherwise authorized. Bending may be accomplished in the field or at the mill. Epoxy-coated bars shall be mill-bent prior to coating. All steel shall be bent cold unless authorized. Bars shall not be bent after embedment in concrete. Safety caps shall be placed on all exposed ends of vertical concrete reinforcement bars that pose a danger to life safety. Wire tie ends shall face away from the forms. Submit detail drawings showing reinforcing steel placement, schedules, sizes, grades, and splicing and bending details. Drawings shall show support details including types, sizes and spacing.

3.1.1 Placement

Reinforcement shall be free from loose rust and scale, dirt, oil, or other deleterious coating that could reduce bond with the concrete. Reinforcement shall be placed in accordance with ACI 318 at locations shown plus or minus one bar diameter. Reinforcement shall not be continuous through expansion joints and shall be as indicated through construction or contraction joints. Concrete coverage shall be as indicated or as required by ACI 318. If bars are moved more than one bar diameter to avoid interference with other reinforcement, conduits or embedded items, the resulting arrangement of bars, including additional bars required to meet structural requirements, shall be approved before concrete is placed.

3.1.2 Splicing

Splices of reinforcement shall conform to ACI 318 and shall be made only as required or indicated. Splicing shall be by lapping or by mechanical or welded butt connection; except that lap splices shall not be used for bars larger than No. 11 unless otherwise indicated. Welding shall conform to AWS D1.4/D1.4M. Welded butt splices shall be full penetration butt welds. Lapped bars shall be placed in contact and securely tied or spaced transversely apart to permit the embedment of the entire surface of each bar in concrete. Lapped bars shall not be spaced farther apart than one-fifth the required length of lap or 6 inches. Mechanical butt splices shall be in accordance with the recommendation of the manufacturer of the mechanical splicing device. Butt splices shall develop 125 percent of the specified minimum yield tensile strength of the spliced bars or of the smaller bar in transition splices. Bars shall be flame dried before butt splicing. Adequate jigs and clamps or other devices shall be provided to support, align, and hold the longitudinal centerline of the bars to be butt spliced in a straight line.

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3.1.3 Placing Tolerances

3.1.3.1 Spacing

The spacing between adjacent bars and the distance between layers of bars may not vary from the indicated position by more than one bar diameter nor more than 1 inch.

3.1.3.2 Concrete Cover

The minimum concrete cover of main reinforcement steel bars shall be as shown. The allowable variation for minimum cover shall be as follows:

MINIMUM COVER (inch)	VARIATION (inch)
6	plus 1/2
4	plus 3/8
3	plus 3/8
2	plus 1/4
1-1/2	plus 1/4
1	plus 1/8
3/4	plus 1/8

3.1.4 Splicing

Splices in steel bars shall be made only as required. Bars may be spliced at alternate or additional locations at no additional cost to the Government subject to approval.

3.1.4.1 Lap Splices

Lap splices shall be used only for bars smaller than size 14 and welded wire fabric. Lapped bars may be placed in contact and securely tied or spaced transversely apart to permit the embedment of the entire surface of each bar in concrete. Lapped bars shall not be spaced farther apart than 1/5 the required length of lap or 6 inches.

3.1.4.2 Butt-Splices

Use butt-splices only for splicing size 14 and 18 bars and for splicing #11 bars to larger bars except where otherwise shown or authorized. Make butt-splices by a method which develops splices suitable for tension, compression and stress reversal applications. Welded butt-splices shall be full penetration butt welds. Butt-splices shall develop 90 percent of the specified minimum ultimate tensile strength of the smallest bar of each splice. Bars shall be cleaned of all oil, grease, dirt, rust, scale and other foreign substances and shall be flame dried before splicing. Adequate jigs and clamps or other devices shall be provided to support, align and hold the longitudinal centerline of the bars to be butt-spliced

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in a straight line. Submit proposed procedure for butt-splicing steel bars prior to making the test butt-splices for qualification of the procedure. Properties and analyses of steel bars and splicing materials shall be included in the submitted procedure. Physical properties of splicing sleeves shall include length, inside and outside diameters, and inside surface details.. Butt-splices shall be as follows:

a. Thermit Welded Butt Splices - Bars to be thermit welded shall be restricted to steel shown by heat analysis to have a sulfur content not exceeding 0.05 percent. The ends of bars to be thermit welded shall be cut square and smooth. Flame cutting will be permitted provided grinding is employed to remove the resulting scale and to square and smooth the cut ends to a condition equivalent to a saw cut. No shearing will be permitted. Bars shall be cleaned and flame dried before splicing. The joint shall be properly aligned in the mold with a gap opening in accordance with the manufacturer's recommendations. Charging and firing shall conform to the manufacturer's recommendations. The end of bars and the welded mold shall be preheated before welding to a temperature of not less than 100 degrees F and the mold shall be left in place for at least 15 minutes after ignition. Risers shall be broken or burned off after removing the mold. Tension splices shall be staggered longitudinally a minimum of 5 feet so that no more than half of the bars are spliced at any one section or as otherwise indicated.

b. Mechanical Butt-Splices - Mechanical butt-splices shall be an approved exothermic, threaded coupling, swaged sleeve or other positive connecting type. Bars to be spliced by a mechanical butt-splicing process may be sawed, sheared or flame cut provided the ends of sheared bars are reshaped after shearing and all slag is removed from the ends of flame cut bars by chipping and wire brushing prior to splicing. Surfaces to be enclosed within a splice sleeve or coupling shall be cleaned by wire brushing or other approved method prior to splicing. Splices shall be made using manufacturer's standard jigs, clamps, ignition devices and other required accessories. In addition to the strength requirements specified paragraph BUTT-SPLICES the additional deformation of number 14 and smaller bars due to slippage or other movement within the splice sleeve shall not exceed 0.015 inches (unit strain 0.0015 inches/inch) beyond the elongation of an unspliced bar based upon a 10 inch gage length spanning the extremities of the sleeve at a stress of 30,000 psi. The additional deformation of number 18 bars shall not exceed 0.03 inches (unit strain 0.003 inches/inch) beyond the elongation of an unspliced bar based upon a 10 inch gage length spanning the extremities of the sleeve at a stress of 30,000 psi. The amount of the additional deformation shall be determined from the stress-strain curves of the unspliced and spliced bars tested as required paragraph QUALIFICATION OF BUTT-SPLICING PROCEDURE for qualification of the butt-splicing procedure. Tension splices of number 14 or smaller bar shall be staggered longitudinally a minimum of 5 feet or as otherwise indicated so that no more than half of the bars are spliced at any one section. Tension splices of number 18 bars shall be staggered longitudinally a minimum of 5 feet so that no more than 1/3 of the bars are spliced at any one section.

3.2 WELDED-WIRE FABRIC PLACEMENT

Welded-wire fabric shall be placed in slabs as indicated. Fabric placed in slabs on grade shall be continuous between expansion, construction, and contraction joints. Fabric placement at joints shall be as indicated.

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Lap splices shall be made in such a way that the overlapped area equals the distance between the outermost crosswires plus 2 inches. Laps shall be staggered to avoid continuous laps in either direction. Fabric shall be wired or clipped together at laps at intervals not to exceed 4 feet. Fabric shall be positioned by the use of supports.

3.3 DOWEL INSTALLATION

Dowels shall be installed in slabs on grade at locations indicated and at right angles to joint being doweled. Dowels shall be accurately positioned and aligned parallel to the finished concrete surface before concrete placement. Dowels shall be rigidly supported during concrete placement. One end of dowels shall be coated with a bond breaker.

3.4 FIELD TESTS AND INSPECTIONS

3.4.1 Identification of Splices

Establish and maintain an approved method of identification of all field butt-splices which will indicate the splicer and the number assigned each splice made by the splicer.

3.4.2 Examining, Testing, and Correcting

Perform the following during the butt-splicing operations as specified and as directed:

a. Visual Examination - All welded splices shall be visually examined for the presence of cracks, undercuts, inadequate size and other visible defects. Respliced connections resulting from correction of visual defects may be radiographically examined at the option of the Contracting Officer as specified in paragraph SUPPLEMENTAL EXAMINATION. Exothermic mechanical butt-splices shall be visually examined to determine if the filler metal is clearly visible at the tap holes and completely fills the sleeves at both ends except for spaces of not more than 3/8 inch occupied by packing.

b. Tension Tests - Tensions tests to 90 percent of the minimum specified ultimate tensile strength of the spliced bars or to destruction shall be performed on one test specimen made in the field for every 25 splices made. Test specimens shall be made by the splicers engaged in the work, using the approved splicing procedure and the same size bars placed in the same relative position, and under the same conditions as those in the groups represented by the specimens. Stress-strain curves shall be furnished for each butt-splice tested.

c. Radiographic Examination - Not less than one of each 25 welded splices selected at random by the Contracting Officer shall be examined radiographically and evaluated for defects. The greatest dimension of any porosity (gas pocket or similar void) or fusion-type defect (slag inclusion, incomplete fusion or similar generally elongated defect in weld fusion) shall not exceed 1/4 inch. The minimum clearance between edges of porosity or fusion-type defects shall not be less than 1 inch.

d. Correction of Deficiencies - No splice shall be embedded in concrete until satisfactory results of visual examination and the required tests or examinations have been obtained. All splices having visible defects or represented by test specimens which do not satisfy the tests or examinations shall be removed. If any of the tension test

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specimens fail to meet the strength requirements or deformation limitations two production splices from the same lot represented by the test specimens which failed shall be cut out and tension tested. If both of the retests pass the strength requirements and deformation limitations all of the splices in the lot will be accepted. If one or both of the retests fail to meet the strength requirements or deformation limitations all of the splices in the lot will be rejected. All costs of removal, testing and resplicing of the additional production splices shall be borne by the Contractor. The bars of rejected splices shall be cut off outside the splice zone of weld metal, filler metal contact, coupling or sleeve. The cut ends shall be finished as specified and the joints shall be respliced and reinspected at no additional cost.

e. Supplemental Examination - The Contracting Officer may require additional or supplemental radiographic examination and/or tension test of any completed splice.

-- End of Section --

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SECTION 03 30 00.00 40

CAST-IN-PLACE CONCRETE

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ACI INTERNATIONAL (ACI)

ACI 117	(2006) Standard Specifications for Tolerances for Concrete Construction and Materials
ACI 211.1	(1991; R 2002) Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete
ACI 301	(2005) Specifications for Structural Concrete
ACI 318/318R	(2008; Errata 2008; Errata 2009) Building Code Requirements for Structural Concrete and Commentary
ACI/MCP-2	(2009) Manual of Concrete Practice Part 2 - ACI 224R-01 to ACI 313R-97
ACI/MCP-3	(2009) Manual of Concrete Practice Part 3:315-99 to 343R-95

AMERICAN WELDING SOCIETY (AWS)

AWS A5.1/A5.1M	(2004; Errata 2004) Carbon Steel Electrodes for Shielded Metal Arc Welding
AWS D1.4/D1.4M	(2005; E 2005) Structural Welding Code - Reinforcing Steel

ASTM INTERNATIONAL (ASTM)

ASTM A 185/A 185M	(2007) Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete
ASTM A 497/A 497M	(2007) Standard Specification for Steel Welded Wire Reinforcement, Deformed, for Concrete
ASTM A 615/A 615M	(2008b) Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
ASTM A 706/A 706M	(2008a) Standard Specification for Low-Alloy Steel Deformed and Plain Bars for Concrete Reinforcement

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ASTM A 767/A 767M	(2005) Standard Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement
ASTM A 775/A 775M	(2007b) Standard Specification for Epoxy-Coated Steel Reinforcing Bars
ASTM A 82/A 82M	(2007) Standard Specification for Steel Wire, Plain, for Concrete Reinforcement
ASTM C 117	(2004) Standard Test Method for Materials Finer than 75-um (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C 127	(2007) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
ASTM C 128	(2007a) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
ASTM C 136	(2006) Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM C 138/C 138M	(2009) Standard Test Method for Density ("Unit Weight"), Yield, and Air Content (Gravimetric) of Concrete
ASTM C 143/C 143M	(2008) Standard Test Method for Slump of Hydraulic-Cement Concrete
ASTM C 150	(2007) Standard Specification for Portland Cement
ASTM C 156	(2005) Standard Test Method for Water Retention by Concrete Curing Materials
ASTM C 171	(2007) Standard Specification for Sheet Materials for Curing Concrete
ASTM C 172	(2008) Standard Practice for Sampling Freshly Mixed Concrete
ASTM C 192/C 192M	(2007) Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory
ASTM C 231	(2008c) Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C 233	(2007) Standard Test Method for Air-Entraining Admixtures for Concrete
ASTM C 260	(2006) Standard Specification for Air-Entraining Admixtures for Concrete
ASTM C 29/C 29M	(2009) Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate

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ASTM C 309	(2007) Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
ASTM C 31/C 31M	(2008a) Standard Practice for Making and Curing Concrete Test Specimens in the Field
ASTM C 33	(2003) Standard Specification for Concrete Aggregates
ASTM C 39/C 39M	(2005e1e) Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
ASTM C 42/C 42M	(2004) Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C 494/C 494M	(2008a) Standard Specification for Chemical Admixtures for Concrete
ASTM C 566	(1997; R 2004) Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying
ASTM C 618	(2008a) Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
ASTM C 70	(2006) Standard Test Method for Surface Moisture in Fine Aggregate
ASTM C 881/C 881M	(2002) Standard Specification for Epoxy-Resin-Base Bonding Systems for Concrete
ASTM C 932	(2006) Standard Specification for Surface-Applied Bonding Compounds for Exterior Plastering
ASTM C 94/C 94M	(2007) Standard Specification for Ready-Mixed Concrete
ASTM D 1557	(2007) Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³) (2700 kN-m/m ³)
ASTM E 329	(2008) Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction

CONCRETE REINFORCING STEEL INSTITUTE (CRSI)

CRSI 10MSP	(2001; 27Ed) Manual of Standard Practice
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NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)

NIST PS 1	(2007) Construction and Industrial Plywood
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U.S. GENERAL SERVICES ADMINISTRATION (GSA)

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FS MMM-A-001993	(1978) Adhesive, Epoxy, Flexible, Filled (For Binding, Sealing, and Grouting)
FS SS-S-200	(Rev E; Am 2) Sealant, Joint, Two-Component, Jet-Blast-Resistant, Cold-Applied, for Portland Cement Concrete Pavement

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Construction Equipment Lists shall be submitted by the Contractor prior to construction in accordance with the paragraph entitled, "General Information," of this section.

SD-03 Product Data

Manufacturer's catalog data for the following items shall include printed instructions for admixtures, bonding agents, epoxy-resin adhesive binders, waterstops, and liquid chemical floor hardeners.

Concrete Aggregates (recycled & non-recycled)
Portland Cement
Ready-Mix Concrete
Form Facing Materials
Reinforcement Materials
Joint Materials
Bonding Materials
Concrete Curing Materials

SD-05 Design Data

Mix design data for each class of Ready-Mix Concrete including use of recycled concrete material shall be submitted at least 15 calendar days prior to start of specified work; G

SD-06 Test Reports

Test reports for welding electrodes shall be in accordance with AWS A5.1/A5.1M.

Reports for concrete shall be in accordance with the paragraph entitled, "Quality-Control Testing During Construction," of this section. Test reports of the chemical requirements of reinforcing bars shall also be submitted.

Chemical Composition
Mechanical Usability
Soundness

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Slump
Air Entrainment
Compressive Strength

SD-07 Certificates

Welding Procedures shall be in accordance with AWS D1.4/D1.4M.

Mill certificates shall be submitted for Steel Bar according to the paragraph entitled, "Fabrication," of this section.

Certificates for concrete shall be in accordance with the paragraph entitled, "Classification and Quality of Concrete," of this section. Certificates shall contain project name and number, date, name of Contractor, name of concrete testing service, source of concrete aggregates, material manufacturer, brand name of manufactured materials, material name, values as specified for each material, and test results. Certificates for Welder Qualifications shall be in accordance with the paragraph entitled, "Qualifications for Welding Work," of this section.

Concrete Design Mixes
Concrete Aggregates
Welding Procedures

SD-08 Manufacturer's Instructions

Installation instructions shall indicate the manufacturer's recommended method and sequence of installation for the following items:

Admixtures
Bonding Materials

SD-11 Closeout Submittals

Records of Communication shall be submitted in accordance with paragraph entitled, "General Information," of this section.

1.3 QUALIFICATIONS FOR CONCRETE TESTING SERVICE

Concrete testing shall be performed by a Government approved commercial testing laboratory and inspection service experienced in sampling and testing concrete. Testing agency shall meet the requirements of ASTM E 329.

1.4 QUALIFICATIONS FOR WELDING WORK

Welding procedures shall be in accordance with AWS D1.4/D1.4M.

Welder qualifications shall be verified in accordance with AWS D1.4/D1.4M or under an equivalent qualification test approved in advance. Welders shall be permitted to do only the type of welding for which each is specifically qualified.

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1.5 CONCRETE SAMPLING AND TESTING

Testing by the Contractor shall include sampling and testing concrete materials proposed for use in the work and testing the design mix for each class of concrete. Quality control testing during construction shall be performed by the Contractor.

Concrete aggregate materials proposed for use in the work shall be sampled and tested in accordance with ASTM C 33.

Portland cement shall be sampled and tested in accordance with ASTM C 150.

Air-entraining admixtures shall be sampled and tested in accordance with ASTM C 233.

1.6 CONCRETE DESIGN MIXES

Mix proportions for each concrete class shall be determined and tested as follows:

<u>REQUIREMENT</u>	<u>TEST METHOD</u>	<u>NUMBER OF TESTS</u>
Specific gravity absorption of fine aggregate	ASTM C 128	As required for the concrete aggregate for each trial mix
Specific gravity and absorption of coarse aggregate	ASTM C 127	
Gradation of fine and coarse aggregates	ASTM C 117 and ASTM C 136	
Moisture content of both fine and coarse aggregates	ASTM C 70 and ASTM C 566	
Dry-rodded unit weight of coarse aggregate	ASTM C 29	
Trial mixes using at least three different water/cement ratios, minimum allowable cement content, maximum allowable slump; both with and without air entrainment	ACI 211.1	As required to determine the concrete mix having the properties specified for each concrete class

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Making and curing concrete specimens in the laboratory	ASTM C 192	Two sets of three specimens for each design mix
Sampling fresh concrete in the laboratory	ASTM C 192	One for each set of design mix specimens
Slump	ASTM C 143	
Air content	ASTM C 231	
Yield	ASTM C 138	
Compressive strength	ASTM C 39	Three specimens tested at 7 days, and three specimens tested at 28 days for each mix design

Proportions of concrete mixtures shall be determined in accordance with ACI/MCP-2 and Method 1 of ACI 301, Section 3.8.2.1. Separate curves shall be prepared for air-entrained and non-air-entrained concretes.

1.7 DELIVERY AND STORAGE OF MATERIALS

Packaged materials shall be delivered to the project site in their original, unopened package or container bearing label clearly identifying manufacturer's name, brand name, material, weight or volume, and other pertinent information. Packaged materials shall be stored in their original, unbroken package or container in a weathertight and dry place until ready for use in the work.

Unpackaged aggregates shall be stored to avoid excessive segregation, contamination with other materials or other size aggregates, or freezing.

Reinforcement and other metal items shall be protected from corrosion and shall be kept free from ice, grease, and other coatings that would destroy or reduce bond.

1.8 GENERAL INFORMATION

Construction Equipment Lists of major components used during this phase of work shall be submitted prior to construction.

Letters of record expressing Communication between the Contractor and Contracting Officer shall be provided after the contract completion.

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PART 2 PRODUCTS

2.1 CONCRETE MATERIALS

2.1.1 General

All concrete materials for cast-in-place concrete, except for concrete bulkheads, shall conform Portland Cement Concrete, Class S as defined in Section 1006 of the Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, latest edition, except as modified herein.

2.1.2 Portland Cement

Cement shall conform to ASTM C 150, Type II. One brand and type of cement shall be used for formed concrete having exposed-to-view finished surfaces.

2.1.3 Water

Minimize the amount of water in the mix. The amount of water must not exceed 45 percent by weight of cementitious materials (cement + pozzolans), and in general, improve workability by adjusting the grading rather than by adding water. Water must be fresh, clean, and free from injurious amounts of oils, acids, alkalis, salts, organic materials, or other substances deleterious to concrete.

2.1.4 Recycled Concrete Aggregate

When natural sand is used, up to 30% of natural crushed coarse aggregate can be replaced with coarse recycled aggregate. Between 10% and 20% of natural fine aggregates may be replaced with recycled fine aggregates.

2.2 FORM FACING MATERIALS

2.2.1 Concrete Form Plywood (Standard Rough)

Plywood shall conform to NIST PS 1, B-B, concrete form, not less than 5/8-inch thick.

2.2.2 Overlaid Concrete Form Plywood (Standard Smooth)

Plywood shall conform to NIST PS 1, B-B, high density form overlay, not less than 5/8-inch thick.

2.3 REINFORCEMENT MATERIALS

See Section 03 20 01.00 10 Concrete Reinforcing for requirements.

2.4 JOINT MATERIALS

2.4.1 Preformed Joint Filler Strips

Filler strips shall be nonextruding and resilient nonbituminous type conforming to ASTM D 1752, Type I or II.

2.4.2 Joint Sealant Compound

Compound shall be cold-applied, two-component, elastomeric polymer type conforming to FS SS-S-200.

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2.5 BONDING MATERIALS

2.5.1 Concrete Bonding Agent

Agent shall be an aqueous-phase, film-forming, nonoxidizing, freeze and thaw-resistant compound suitable for brush or spray application conforming to ASTM C 932.

2.5.2 Epoxy-Resin Adhesive Binder

Binder shall be two-component, epoxy-polysulfide polymer type with an amine-type curing-agent conforming to FS MMM-A-001993, Type I or ASTM C 881.

2.6 CONCRETE CURING MATERIALS

2.6.1 Absorptive Cover

Cover for curing concrete shall be burlap cloth made from jute or kenaf, weighing 9 ounces plus or minus 5 percent per square yard when clean and dry, conforming to ASTM C 171, Class 3; or cover may be cotton mats as approved.

2.6.2 Moisture-Retaining Cover

Cover for curing concrete shall be waterproof paper conforming to ASTM C 171, regular or white, or polyethylene sheeting conforming to ASTM C 171, or polyethylene-coated burlap consisting of a laminate of burlap and a white opaque polyethylene film permanently bonded to the burlap; burlap shall conform to ASTM C 171, Class 3, and polyethylene film shall conform to ASTM C 171. When tested for water retention in accordance with ASTM C 156, weight of water lost 72 hours after application of moisture retaining covering material shall not exceed 0.039 gram per square centimeter of the mortar specimen surface.

2.6.3 Water

Water shall be potable.

2.6.4 Membrane-Forming Curing Compound

Compound shall be liquid type conforming to ASTM C 309, Type 1, clear, Type 1D with fugitive dye for interior work and Type 2, white, pigmented for exterior work.

PART 3 EXECUTION

3.1 FORMWORK

3.1.1 General

Forms shall be constructed to conform, within the tolerances specified, to shapes dimensions, lines, elevations, and positions of cast-in-place concrete members as indicated. Forms shall be supported, braced, and maintained sufficiently rigid to prevent deformation under load.

3.1.2 Design and Construction of Form work

Form work design and construction shall conform to ACI/MCP-2 and ACI 301, Chapter 4.

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Forms shall be tight to prevent leakage of cement paste during concrete placing.

Form facing materials shall be supported by structural members spaced close to prevent deflection of form facing material. Forms placed in successive units for continuous surfaces shall be fitted to accurate alignment to ensure a smooth completed surface within the tolerances specified. Where necessary to maintain the tolerances specified, such as long spans where immediate supports are not possible, formwork shall be cambered for anticipated deflections in formwork due to weight and pressure of fresh concrete and to construction loads.

Exposed joints, edges, and external corners shall be chamfered a minimum of 3/4 inch by moldings placed in corners of column, beam, and wall forms.

Shores and struts shall be provided with a positive means of adjustment capable of taking up formwork settlement during concrete placing operations. Adjustment shall be obtained with wedges or jacks or a combination thereof. When adequate foundations for shores and struts cannot be secured, trussed supports shall be provided.

Temporary openings shall be provided in wall forms, column forms, and at other points where necessary to permit inspection and to facilitate cleaning.

Forms shall be readily removable without impact, shock, or damage to concrete.

3.1.3 Forms for Standard Rough Form Finish

Rough form finish shall be given concrete formed surfaces that are to be concealed by other construction, unless otherwise specified.

Form facing material for standard rough form finish shall be the specified concrete form plywood or other approved form facing material that will produce concrete surfaces equivalent in smoothness and appearance to that produced by new concrete form plywood panels.

For concrete surfaces exposed only to the ground, undressed, square-edge, 1-inch nominal thickness lumber may be used. Horizontal joints shall be level and vertical joints shall be plumb.

3.1.4 Forms for Standard Smooth Form Finish

Smooth form finish shall be given concrete formed surfaces that are to be exposed to view or that are to be covered with coating material applied directly to concrete or with covering material bonded to concrete, such as waterproofing, dampproofing, painting, or other similar coating system.

Form facing material for standard smooth finish shall be the specified overlaid concrete form plywood or other approved form facing material that is nonreactive with concrete and that will produce concrete surfaces equivalent in smoothness and appearance to that produced by new overlaid concrete form plywood panels.

Maximum deflection of form facing material between supports and maximum deflection of form supports such as studs and wales shall not exceed 0.0025 times the span.

Arrangement of form facing sheets shall be orderly and symmetrical, and sheets shall be in sizes as large as practical.

Panels shall be arranged to make a symmetrical pattern of joints. Horizontal and vertical joints shall be solidly backed and butted tight to prevent leakage and fins.

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3.1.5 Form Ties

Ties shall be factory fabricated metal, adjustable in length, removable or snap-off type that will not allow form deflection or will not spall concrete upon removal. Portion of form ties remaining within concrete after removal of exterior parts shall be at least 1-1/2 inches back from concrete surface. Form ties shall be free of devices that will leave a hole larger than 7/8 inch or less than 1/2 inch in diameter in concrete surface. Form ties fabricated at the project site or wire ties of any type are not acceptable.

3.1.6 Tolerances for Form Construction

Formwork shall be constructed to ensure that after removal of forms and prior to patching and finishing of formed surfaces, concrete surfaces shall be in accordance with tolerances specified in ACI 117 and ACI/MCP-2.

3.1.7 Preparation of Form Surfaces

Contact surfaces of forms shall be coated with form-coating compound before reinforcement is placed. Form-coating compound shall be a commercial formulation that will not bond with, stain, nor adversely affect concrete surfaces and will not impair subsequent treatment of concrete surfaces that entails bonding or adhesion nor impede wetting of surfaces to be cured with water or curing compounds. Excess form-coating compound shall not be allowed to stand in puddles in the forms nor to come in contact with concrete against which fresh concrete will be placed. Thinning of form-coating compound shall be made with thinning agent of the type, in the amount, and under the conditions recommended by form-coating compound manufacturer's printed or written directions.

3.1.8 Removal of Forms

Formwork that does not support weight of concrete, such as sides of beams, walls, columns, and similar vertical parts of the work, may be removed 24 hours after placing concrete, provided concrete is sufficiently hard not to be damaged from form-removal operations.

Formwork that supports weight of concrete, such as beam soffits, slabs, and similar horizontal parts of the work, shall remain in place at least until concrete has attained design minimum laboratory compressive strength at 28 days for applicable concrete class specified.

Form facing material may be removed before concrete has attained its required 28-day compressive strength but in no case less than 6 days after placing concrete, provided shores and other vertical supports have been arranged to permit removal of form-facing material without loosening or disturbing shores and supports. Shores and other vertical supports shall remain in place until concrete has attained its required 28-day compressive strength.

Results of control tests will be used as evidence that concrete has attained sufficient strength to permit removal of supporting forms. Test specimens shall be removed from molds at the end of 24 hours and stored in the structure as near points of sampling as possible; shall receive same protection from elements during curing as is given those portions of the structure which they represent; and shall not be removed from the structure for transmittal to the laboratory prior to expiration of three-fourths of proposed period before removal of forms. Supporting forms of shoring shall not be removed until strength of control-test specimens has attained a value of at least 1,500 psi for columns and 2,000 psi for other work. Contractor shall ensure that newly unsupported portions of the structure are not subjected to heavy construction or material loading.

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Tie-rod clamps to be removed from wall shall be loosened 24 hours after concrete is placed; form ties, except for a sufficient number to hold forms in place, may be removed at that time. Ties wholly withdrawn from wall shall be pulled toward inside face.

When formwork is removed during concrete curing period, exposed concrete shall be cured as specified.

3.1.9 Re-Use of Forms

Surfaces of forms that are to be re-used shall be cleaned and repaired, except that split, frayed, or delaminated form facing material shall not be re-used. Contact surfaces of re-used forms shall be coated as specified.

3.2 REINFORCEMENT FABRICATION AND INSTALLATION

See Section 03 20 01.00 10 Concrete Reinforcing for requirements.

3.3 JOINTS

3.3.1 Construction Joints

Joints not indicated shall be made and located so as not to impair strength and appearance of the structure and shall be as approved. Construction joints shall be located as follows:

In grade beams at not more than 30 feet in any horizontal direction.

In slabs on ground, so as to divide slab into areas not in excess of 120 square feet

Keyways at least 1-1/2-inches deep shall be provided in construction joints in walls and slabs and between walls and footings; approved bulkheads may be used for slabs.

Joints shall be perpendicular to main reinforcement. Reinforcement shall be continued across construction joints.

3.3.2 Control Joints in Slabs on Ground

Joints shall be provided to form panels as indicated.

Under and on exact line of each control joint, 50 percent of welded wire fabric reinforcement shall be cut before placing concrete.

Joints shall be 1/8-inch wide by 1/5 to 1/4 of slab depth and shall be formed by inserting hand-pressed fiberboard strip into fresh concrete until top surface of strip is flush with slab surface or by cutting the concrete with a saw after the concrete has set. After concrete has cured for at least 7 days, the Contractor shall remove inserts and clean groove of foreign matter and loose particles.

3.3.3 Sealing Joints in Slabs on Ground

Isolation and control joints which will not be covered with finish flooring material shall be sealed with joint sealing compound after concrete curing period. Groove shall be slightly underfilled with joint sealing compound to prevent extrusion of compound. Excess material shall be removed as soon after sealing as possible.

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Sealing shall not be required for isolation and control joints which will be covered with finish flooring material. Groove shall be left ready to receive filling material that will be provided as part of finish floor covering work.

3.4 INSTALLATION OF ANCHORAGE DEVICES

3.4.1 General

Anchorage devices and embedded items required for other work that is attached to, or supported by, cast-in-place concrete shall be set and built in as part of the work of this section, using setting drawings, instructions, and directions for work to be attached thereto.

3.4.2 Placing Anchorage Devices

Anchorage devices and embedded items shall be positioned accurately and supported against displacement. Openings in anchorage devices such as slots and threaded holes shall be filled with an approved, removable material to prevent entry of concrete into openings.

3.5 PLACEMENT OF CONCRETE FOR TUNNEL BULKHEADS

Where the new fence foundation does not block or does not completely block the found tunnel, the Contractor shall place a concrete to complete the tunnel bulkhead. The tunnel bulkhead shall extend to the limits described in Section 31 00 00 Earthwork and shall stop 12" below finish grade. Concrete required to complete the tunnel bulkhead shall be placed against a solid steel plate blocking off the tunnel. The width of the bulkheads shall be at least 18" thick. Concrete shall be placed in accordance with the requirements of this section. See Section 01 00 50 for existing tunnel procedures.

3.6 PREPARATIONS FOR CONCRETE PLACING

3.6.1 General

Surfaces against which concrete is to be placed shall be free of debris, loose material, standing water, snow, ice, and other deleterious substances before start of concrete placing. Standing water shall be removed prior to placement of concrete. Sub-grade surface shall be sprinkled with water as required to eliminate suction at the time concrete is deposited.

3.6.2 Sub-grade Under Foundations, Footings and Slabs

See Earthwork Section 31 00 00 for sub-grade preparation requirements.

3.6.3 Formwork

Formwork where used shall be complete and approved. Debris and foreign material shall be removed from interior of forms before start of concrete placing.

3.6.4 Edge Forms and Screed Strips for Slabs/Pads

Edge forms or bulkheads and intermediate screed strips for slabs/pads shall be set to obtain indicated elevations and contours in finished slab/pad surface and shall be strong to support vibrating bridge screeds or roller pipe screeds if nature of specified slab/pad finish requires use of such equipment. Concrete surface shall be aligned to elevation of screed strips by use of strike-off templates or approved compacting-type screeds.

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3.6.5 Reinforcement and Other Embedded Items

Reinforcement, joint materials, and other embedded materials shall be secured in position, inspected, and approved before start of concrete placing.

3.7 CONCRETE CONVEYING

3.7.1 Transfer of Concrete At Project Site

Concrete shall be handled from point of delivery and transfer to concrete conveying equipment and to locations of final deposit as rapidly as practical by methods which will prevent segregation and loss of concrete mix materials.

3.7.2 Mechanical Equipment for Conveying Concrete

Equipment shall ensure a continuous flow of concrete at delivery end and shall be as approved. Runways for wheeled concrete-conveying equipment shall be provided from concrete delivery point to locations of final deposit. Interior surfaces of concrete conveying equipment shall be free of hardened concrete, debris, water, snow, ice, and other deleterious substances.

3.8 CONCRETE PLACING

3.8.1 Weather Limitations and Protection

Concrete shall not be placed when the temperature of the concrete exceeds 90 degrees F, nor when the ambient temperature is below 40 degrees F, nor during rain, sleet, or snow, unless protection is provided, nor after 90-minutes from the time shown on the batch ticket to the time of placement.

When concrete is placed at 90 degree F or better it shall be covered and kept continuously wet for a minimum of 48 hours. Protection shall be provided during cold weather in accordance with ACI/MCP-2 and ACI 301.

During inclement weather, protection material shall be watertight to prevent entry of rain, sleet, or snow onto surfaces to receive concrete and into fresh concrete.

Protection materials shall be stored at project site for use in event of unforeseen weather changes after start of concrete placing operations.

3.8.2 General Placing Requirements

Concrete shall be deposited continuously or in layers of such thickness that no concrete will be placed on concrete which has hardened sufficiently to cause formation of seams or planes of weakness within the section. If a section cannot be placed continuously, construction joints shall be provided as specified. Concrete placing shall be performed at such a rate that concrete which is being integrated with fresh concrete is still plastic. Concrete shall be deposited as nearly as practical in its final position to avoid segregation due to rehandling or flowing. Concrete shall not be subjected to procedures which will cause segregation.

Concrete which becomes non-plastic and unworkable or does not meet quality control limits as specified or has been contaminated by foreign materials shall not be used. Use of retempered concrete will not be permitted. Rejected concrete shall be removed from the site.

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3.8.3 Placing Concrete in Forms

Temporary spreaders in forms shall be removed when concrete placing has reached elevation of spreaders.

Concrete placed in forms shall be consolidated by mechanical vibrating equipment supplemented by hand spading, rodding, or tamping. Vibrators shall be designed to operate with vibratory element submerged in concrete and shall maintain a speed of not less than 9,000 impulses per minute when submerged in concrete. Vibrating equipment shall be adequate in number of units and power of each unit to properly consolidate concrete. Vibration of forms and reinforcement shall not be permitted. Vibrators shall not be used to transport concrete inside forms. Vibrators shall be inserted and withdrawn vertically at uniformly spaced points not farther apart than visible effectiveness of machine. Vibrator shall not be inserted into lower courses of concrete that have begun to set. At each insertion, duration of vibration shall be limited to time necessary to consolidate concrete and complete embedment of reinforcement and other embedded items without causing segregation of concrete mix.

Placing of concrete in supporting elements shall not be started until concrete previously placed in columns and walls is no longer plastic and has been in place a minimum of 2 hours.

3.8.4 Placing Concrete on Grade

Concrete for foundations and slabs shall be placed and consolidated in a continuous operation, within the limits of approved construction joints if any until placing of panel or section is completed.

During concrete placing operations, concrete shall be consolidated by mechanical vibrating equipment so that concrete is worked around reinforcement and other embedded items. Concrete placed in supported slabs or pads shall be consolidated by mechanical vibrators as directed. Otherwise concrete in slabs/pads shall be consolidated by vibrating bridge screeds, roller pipe screeds, or other approved method. Consolidation operations shall be limited to time necessary to obtain consolidation of concrete without bringing an excess of fine aggregate to the surface. Concrete to be consolidated shall be as dry as practical and surfaces thereof shall not be manipulated prior to finishing operations. Concrete shall be brought to correct level with a straightedge and struck-off. Bull floats or darbies shall be used to smooth surface, leaving it free of humps or hollows. Sprinkling of water on plastic surface shall not be permitted.

3.8.5 Bonding

Surfaces of set concrete at joints, except where bonding is obtained by use of concrete bonding agent, shall be roughened and cleaned of laitance, coatings, loose particles, and foreign matter. Surfaces shall be roughened in a manner that will expose the aggregate uniformly and will not leave laitance, loosened particles of aggregate, nor damaged concrete at the surface.

Bonding of fresh concrete that has set shall be obtained as follows:

At joints between concrete construction elements unless otherwise specified; roughened and cleaned surface of set concrete shall be dampened, but not saturated, immediately prior to placing of fresh concrete.

At joints in exposed-to-view work; at vertical joints in walls; at supported slabs, and other structural members; and at joints in work exposed to liquids; the roughened and cleaned surface of set concrete shall be dampened but not saturated and covered with a cement grout coating.

Cement grout shall consist of equal parts of portland cement and fine aggregate by weight with not more than 6 gallons of water per sack of cement. Cement grout shall be applied with a stiff broom

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or brush to a minimum thickness of 1/16 inch. Fresh concrete shall be deposited before cement grout has attained its initial set.

Bonding of fresh concrete to concrete that has set may be obtained by use of a concrete bonding agent. Such bonding material shall be applied to cleaned concrete surface in accordance with approved printed instructions of bonding material manufacturer.

3.9 FINISHING OF FORMED SURFACES

3.9.1 Repairing and Patching Defective Areas

Immediately after removal of forms, defective areas above finish grade shall be repaired and patched with cement mortar. Honeycomb, rock pockets, voids over 1/2 inch in diameter, and holes left by tie rods and bolts shall be cut out to solid concrete, but in no case to a depth of less than 1 inch. Edges of cuts shall be perpendicular to surface of concrete. Before placing cement mortar, area to be patched at least 6 inches adjacent thereto shall be cleaned, dampened with water, and brush coated with neat Portland cement grout. Cement mortar for patching shall consist of one part standard Portland cement to two parts fine aggregate passing No. 16 mesh sieve and as little water as necessary for handling and placing. Portland cement portion of cement mortar shall be a blend of white and standard Portland cement so that when dry, cement mortar will match surrounding concrete in color. Cement mortar shall be compacted in place and struck off slightly higher than the surrounding surface. Holes extending through concrete shall be filled by means of a plunger type gun or other suitable device from unexposed face, using a stop held at exposed face to ensure complete filling.

3.9.2 Standard Rough Form Finish

Formed concrete below finish grade shall be standard rough form finish. Rough finish shall be the concrete surface having texture imparted by form facing material used, defective areas repaired and patched as specified, and fins and other projections exceeding 1/4 inch in height rubbed down with wood blocks.

3.9.3 Standard Smooth Finish

Formed concrete above grade shall be standard smooth finish. Smooth finish shall be as-cast concrete surface as obtained with form facing material for standard smooth finish. Defective areas shall be repaired and patched as specified; and all fins and other projections on surface shall be removed.

3.9.4 Related Unformed Surfaces

Tops of walls, horizontal offsets, and similar unformed surfaces occurring adjacent to formed surfaces shall be struck off smooth after concrete is placed and shall be finished to a texture matching that of adjacent formed surfaces. Final surface treatment on formed surfaces shall continue uniformly across adjacent unformed surfaces.

3.10 FINISHING OF SLABS AND CHANNELS

3.10.1 Scratch Finish

After placing concrete slabs, surface shall be plane to a tolerance not exceeding 1/4 inch in 2 feet when tested with a 2-foot straightedge placed on the surface at not less than two different angles. Surfaces shall be uniformly sloped to drain. After leveling, surface shall be roughened with stiff brushes or raked before final set.

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3.11 CONCRETE CURING AND PROTECTION

3.11.1 General

Freshly placed concrete shall be protected from premature drying and cold or hot temperature and shall be maintained without drying at a relatively constant temperature for the period of time necessary for hydration of cement and proper hardening of concrete.

Initial curing shall start as soon as free water has disappeared from surface of concrete after placing and finishing. Concrete shall be kept moist for minimum 72 hours.

Final curing shall immediately follow initial curing and before concrete has dried. Final curing shall continue until cumulative number of hours or fraction thereof (not necessarily consecutive) during which temperature of air in contact with the concrete is above 50 degrees F has totaled 168 hours. Alternatively, if tests are made of cylinders kept adjacent to the structure and cured by the same methods, final curing may be terminated when the average compressive strength has reached 70 percent of the 28-day design compressive strength. Rapid drying at end of final curing period shall be prevented.

3.11.2 Curing Methods

Curing shall be accomplished by moist curing, by moisture-retaining cover curing, by membrane curing, and by combinations thereof, as specified.

Moist curing:

Moisture curing shall be accomplished by any of the following methods:

Keeping surface of concrete wet by covering with water

Continuous water spraying

Covering concrete surface with specified absorptive cover for curing concrete saturated with water and keeping absorptive cover wet by water spraying or intermittent hosing. Absorptive cover shall be placed to provide coverage of concrete surfaces and edges with a slight overlap over adjacent absorptive covers.

Moisture-cover curing:

Moisture-retaining cover curing shall be accomplished by covering concrete surfaces with specified moisture-retaining cover for curing concrete. Cover shall be placed directly on concrete in widest practical width, with sides and ends lapped at least 3 inches. Cover shall be weighted to prevent displacement; tears or holes appearing during curing period shall be immediately repaired by patching with pressure-sensitive, waterproof tape or other approved method.

Membrane curing:

Membrane curing shall be accomplished by applying specified membrane-forming curing compound to damp concrete surfaces as soon as moisture film has disappeared. Curing compound shall be applied uniformly in a two-coat operation by power-spraying equipment using a spray nozzle equipped with a wind guard. Second coat shall be applied in a direction at right angles to direction of first coat. Total coverage for two coats shall be not more than 200 square feet per gallon of curing compound. Concrete surfaces which are subjected to heavy rainfall within 3 hours after curing compound has been applied shall be resprayed by method and at rate specified.

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Continuity of coating shall be maintained for entire curing period and damage to coating during this period shall be repaired immediately.

Membrane-curing compounds shall not be used on surfaces that are to be covered with coating material applied directly to concrete or with a covering material bonded to concrete, such as other concrete, liquid floor hardener, waterproofing, dampproofing, membrane roofing, painting, and other coatings and finish materials.

3.11.3 Curing Formed Surfaces

Curing of formed surfaces shall be accomplished by moist curing with forms in place for full curing period or until forms are removed. If forms are removed before end of curing period, final curing of formed surfaces shall be accomplished by any of the curing methods specified above, as applicable.

3.11.4 Curing Unformed Surfaces

Initial curing of unformed surfaces, such as monolithic slabs/pads shall be accomplished by membrane curing.

Unless otherwise specified, final curing of unformed surfaces shall be accomplished by any of curing methods specified above, as applicable.

3.11.5 Temperature of Concrete During Curing

When temperature of atmosphere is 40 degrees F and below, temperature of concrete shall be maintained at not less than 50 degrees F throughout concrete curing period or 45 degrees F when the curing period is measured by maturity. When necessary, arrangements shall be made before start of concrete placing for heating, covering, insulation, or housing as required to maintain specified temperature and moisture conditions for concrete during curing period.

When the temperature of atmosphere is 80 degrees F and above or during other climatic conditions which will cause too rapid drying of concrete, arrangements shall be made before start of concrete placing for installation of wind breaks, of shading, and for fog spraying, wet sprinkling, or moisture-retaining covering of light color as required to protect concrete during curing period.

Changes in temperature of concrete shall be uniform and shall not exceed 5 degrees F in any 1 hour nor 50 degrees F in any 24-hour period.

3.11.6 Protection from Mechanical Injury

During curing period, concrete shall be protected from damaging mechanical disturbances, particularly load stresses, heavy shock, and excessive vibration and from damage caused by rain or running water.

3.11.7 Protection After Curing

Finished concrete surfaces shall be protected from damage by construction operations.

3.12 QUALITY-CONTROL TESTING DURING CONSTRUCTION

Concrete shall be sampled and tested for quality control by the Contractor during the placement of the concrete as follows:

<u>REQUIREMENT</u>	<u>TEST METHOD</u>	<u>NUMBER OF TESTS</u>
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Sampling fresh concrete	ASTM C 172 except modified for slump per ASTM C 94	As required for each test
Slump test	ASTM C 143	One for each concrete load at point of discharge and one for each set of compressive strength tests
Air content by pressure method	ASTM C 231	One for each set of compressive strength tests
Compression test specimens	ASTM C 31	One set of six standard cylinders for each compressive strength test
Concrete temperature		Hourly when air temperature is 40 degrees F or below and 80 degrees F or above; each time a set of compression test specimens is made
Compressive strength test	ASTM C 39	One set for each 150 cubic yards or fraction thereof of each concrete class placed in any one day; two specimens tested at 7 days, three specimens tested at 28 days and one specimen retained in reserve for testing if required

Test reports for concrete for Chemical Composition, Mechanical Usability and Soundness shall be submitted by the Contractor meeting all design specifications as required by referenced standards within this section.

3.13 INSPECTION AND ACCEPTANCE PROVISIONS

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3.13.1 Evaluation of Compressive Strength Tests

Concrete quality control test will be evaluated as specified.

Compressive strength tests will be considered satisfactory if the average of all sets of five consecutive compressive strength tests equal or exceed the 28-day design compressive strength, or if no individual compressive strength test (average of two cylinders) falls below the required 28-day design compressive strength by more than 500 pounds per square inch.

If compressive strength tests fail to meet minimum requirements specified, concrete represented by such tests will be considered deficient in strength and subject to provisions specified.

3.13.2 Strength of Concrete Structure

Strength of concrete structure in place will be considered deficient if it fails to comply with requirements which control strength of structure, including following conditions:

Failure to meet compressive strength tests as evaluated

Reinforcement not conforming to requirements specified

Concrete which differs from required dimensions or location in such a manner as to reduce strength

Concrete curing and protection of concrete against extremes of temperature during curing, not conforming to requirements specified

Concrete subjected to damaging mechanical disturbances, particularly load stresses, heavy shock, and excessive vibration

Poor workmanship likely to result in deficient strength

3.13.3 Testing Concrete Structure for Strength

When there is evidence that strength of concrete structure in place does not meet specification requirements, cores drilled from hardened concrete for compressive strength determination shall be made in accordance with ASTM C 42/C 42M, and as follows:

At least three representative cores shall be taken from each member or area of concrete-in-place that is considered potentially deficient. Location of cores will be determined by the Contracting Officer.

Cores shall be tested after moisture conditioning in accordance with ASTM C 42/C 42M if concrete they represent will be more than superficially wet under service.

Cores shall be air dried, (60 to 80 degrees F with relative humidity less than 60 percent) for 7 days before test and shall be tested dry if concrete they represent will be dry under service conditions.

Strength of cores from each member or area will be considered satisfactory if their average is equal to or greater than 85 percent of the 28-day design compressive strength of the class of concrete.

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Core specimens will be taken and tested by the Government. If the results of core-boring tests indicate that the concrete as placed does not conform to the drawings and specification, the cost of such tests and restoration required shall be borne by the Contractor.

Core holes shall be filled solid with patching mortar and finished to match adjacent concrete surfaces.

Concrete work that is found inadequate by core tests shall be corrected in a manner approved by the Contracting Officer.

-- End of Section --

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SECTION 03 37 13

SHOTCRETE
11/09

PART 1 GENERAL

1.1 UNIT PRICES

1.1.1 Shotcrete

1.1.1.1 Payment

Payment will be made for all costs associated with furnishing, delivering, and placing shotcrete.

1.1.1.2 Measurement

Shotcrete will be measured for payment based upon the quantity per cubic yard, based on the area shotcreted to the thickness shown on the contract drawings.

1.1.1.3 Unit of Measure

Unit of measure: cubic yard.

1.2 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN CONCRETE INSTITUTE INTERNATIONAL (ACI)

ACI CP-60	(2009) Craftman Workbook for ACI Certification of Shotcrete Nozzleman
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ASTM INTERNATIONAL (ASTM)

ASTM A820/A820M	(2011) Standard Specification for Steel Fibers for Fiber-Reinforced Concrete
ASTM C1077	(2011c) Standard Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation
ASTM C1140/C1140M	(2011) Standard Practice for Preparing and Testing Specimens from Shotcrete Test Panels
ASTM C1141/C1141M	(2008) Standard Specification for Admixtures for Shotcrete
ASTM C1240	(2011) Standard Specification for Silica Fume Used in Cementitious Mixtures

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ASTM C1260	(2007) Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)
ASTM C136	(2006) Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM C150/C150M	(2011) Standard Specification for Portland Cement
ASTM C1567	(2011) Standard Test Method for Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)
ASTM C171	(2007) Standard Specification for Sheet Materials for Curing Concrete
ASTM C231/C231M	(2010) Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C266	(2008e1) Standard Test Method for Time of Setting of Hydraulic-Cement Paste by Gillmore Needles
ASTM C309	(2011) Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
ASTM C33/C33M	(2011a) Standard Specification for Concrete Aggregates
ASTM C42/C42M	(2011) Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C566	(1997; R 2004) Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying
ASTM C595/C595M	(2011) Standard Specification for Blended Hydraulic Cements
ASTM C618	(2008a) Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
ASTM C685/C685M	(2011) Concrete Made by Volumetric Batching and Continuous Mixing
ASTM C881/C881M	(2010) Standard Specification for Epoxy-Resin-Base Bonding Systems for Concrete
ASTM C94/C94M	(2011b) Standard Specification for Ready-Mixed Concrete

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U.S. ARMY CORPS OF ENGINEERS (USACE)

COE CRD-C 400

(1963) Requirements for Water for Use in
Mixing or Curing Concrete

1.3 SYSTEM DESCRIPTION

1.3.1 Strength

Final acceptance of the shotcrete will be based on compressive strength results obtained from cores.

1.3.2 Compressive Strength

The required compressive strength of cores shall not be less than 4000 psi at 28 days age when tested in accordance with ASTM C42/C42M. The average compressive strength of cores taken from the structure, representing a shift or not more than 50 cubic yards of shotcrete tested at 28 days of age, shall equal or exceed the required compressive strength specified with no individual core less than 85 percent of the required compressive strength. When the length of a core is less than 1.94 times the diameter, the correction factors given in ASTM C42/C42M will be applied to obtain the compressive strength of individual cores.

1.4 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-06 Test Reports

Mixture Proportions; G
Aggregates
Accelerator Compatibility; G
Preconstruction Test Panels

SD-07 Certificates

Portland Cement; G
Pozzolans
Silica Fume
Accelerating Admixtures; G
Curing Materials; G
Steel Fiber Reinforcement; G
Qualifications; G

1.5 QUALITY ASSURANCE

Provide facilities and labor, as may be necessary, for obtaining and testing representative test samples. Shotcrete shall be sampled and tested by the method given in paragraph STRENGTH TESTING in PART 3.

1.5.1 Qualifications

Shotcrete will be produced by either the Dry or Wet Method. Submit a resume for each nozzleman certifying that each has not less than 1 year's

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experience for the particular type of shotcrete to be applied. The resume shall include company name, address, and telephone number, name of supervisor, and detailed description of work performed. All nozzlemen shall be certified in accordance with ACI CP-60. Qualifications of additional nozzlemen throughout the job shall be similarly submitted for approval.

PART 2 PRODUCTS

2.1 MATERIALS

2.1.1 Cementitious Materials

Cementitious materials shall be portland cement, blended hydraulic cement, portland cement in combination with pozzolan or ground granulated blast-furnace slag (GGBFS), or portland cement in combination with silica fume conforming to appropriate specifications listed below.

2.1.1.1 Portland Cement

Portland cement shall meet the requirements of ASTM C150/C150M Type II. Submit certificate of compliance with all specification requirements.

2.1.1.2 Blended Hydraulic Cement

ASTM C595/C595M Type IS, IP.

2.1.1.3 Pozzolan Other Than Silica Fume

Pozzolans shall conform to ASTM C618, Class C, with the optional requirements for [available alkalies from Table 1A] multiple factor, drying shrinkage, and uniformity of Table 2A. Submit certificate of compliance for fly ash and other pozzolans with all specification requirements.

2.1.1.4 Silica Fume

Silica may be furnished as a dry, densified material or as a slurry. Silica fume, unprocessed, or before processing into a slurry or a densified material, shall conform to ASTM C1240. Submit certificate of compliance for silica fume with all specification requirements.

2.1.2 Aggregates

Submit Supplier's test reports for aggregates showing the materials meet the requirements of this specification. Aggregates shall conform to ASTM C33/C33M with the combined grading of coarse and fine aggregates conforming to the grading shown below.

PERCENT BY MASS PASSING INDIVIDUAL SIEVES			
SIEVE SIZE	GRADING NO. 1	GRADING NO. 2	GRADING NO. 3*
(3/4 in.)	--	--	100
(1/2 in.)	--	100	80-95
(3/8 in.)	100	90-100	70-90

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(No. 4)	95-100	75-85	50-70
(No. 8)	80-100	50-70	35-55
(No. 16)	50-85	35-55	20-40
(No. 30)	25-60	20-35	10-30
(No. 50)	10-30	8-20	5-17
(No. 100)	2-10	2-10	2-10

* Fine and coarse aggregates shall be "tested and evaluated for alkali-aggregate reactivity in accordance with ASTM C1260. The fine and coarse aggregates shall be evaluated separately and in combination, which matches the Contractor's proposed mix design proportioning. All results of the separate and combination testing shall have a measured expansion less than 0.10 (0.08) percent at 16 days after casting. Should the test data indicate an expansion of 0.10 (0.08) percent or greater, the aggregate(s) shall be rejected or additional testing using ASTM C1260 and ASTM C1567 shall be performed. The additional testing using ASTM C1260 and ASTM C1567 shall be performed using the low alkali portland cement in combination with ground granulated blast furnace (GGBF) slag, or Class F fly ash. GGBF slag shall be used in the range of 40 to 50 percent of the total cementitious material by mass. Class F fly ash shall be used in the range of 25 to 40 percent of the total cementitious material by mass."

2.1.3 Water

Use fresh, clean, potable mixing water or nonpotable water which meets the requirements of COE CRD-C 400.

2.1.4 Admixtures

a. Admixtures to be used, when required or approved, shall comply with the appropriate sections of ASTM C1141/C1141M. Except as otherwise accepted, soluble admixtures shall be dissolved in water before introduction into the shotcrete mixture.

b. When accelerating admixtures complying with ASTM C1141/C1141M, Type II, Grade 1, are to be used, establish the accelerator compatibility of the job cement and the proposed accelerators using ASTM C266, except as modified herein. The powdered accelerator shall be blended with 1.25 ounces of cement until uniform and 0.004 gal of water shall then be added. The liquid accelerator shall first be mixed with 0.004 gal of water and then added to 1.25 ounces of cement. Three percent of the proposed accelerator by mass of cement shall be used as a starting point. Mixing shall be accomplished within 15 seconds. The specimen shall be molded within 1 minute of adding the mixing water. If initial set is 2 minutes or less and a final set is 10 minutes or less, the accelerator is considered compatible. If these values are not achieved in the first test, additional tests shall be run using 2 percent and 4 percent of accelerator. Submit document establishing the compatibility of the job cement and the proposed accelerators and certificate of

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compliance for accelerating admixtures with all specification requirements.

2.1.5 Curing Materials

Submit certificate of compliance for curing materials with all specification requirements. Curing materials shall meet the following requirements.

2.1.5.1 Impervious Sheet Materials

ASTM C171, type optional except polyethylene film, if used, shall be white opaque.

2.1.5.2 Membrane-Forming Curing Compound

ASTM C309, Type 1-D or Type 2.

2.1.6 Reinforcement

2.1.6.1 Steel Fiber Reinforcement

Steel fiber reinforcement shall meet the requirements of ASTM A820/A820M. Submit certificate of compliance for fiber reinforcement with all specification requirements.

2.1.7 Air Content

Air-entraining admixture shall be used in such proportion that the air content of the shotcrete prior to gunning shall be plus or minus (\pm) 1.0 percent as determined by ASTM C231/C231M.

2.1.8 Air Supply

Provide a supply of clean, dry air adequate for maintaining sufficient nozzle velocity for all parts of the work and, if required, for simultaneous operation of a suitable blowpipe for clearing away rebound.

2.2 MIXTURE PROPORTIONS

Mixture proportions and test data from prior experience within 2 years, if available, may be submitted for approval. If test data from experience are not available or accepted, specimens shall be made and tested from mixtures having three or more different proportions. The recommended mixture proportions, sources of materials, and all test results shall be submitted for acceptance.

2.3 EQUIPMENT

2.3.1 Dry Mix Batching and Mixing

Aggregate and cementitious materials may be batched by mass or by volume. Equipment for batching by mass shall be capable of the accuracy specified in ASTM C94/C94M. Volumetric equipment shall be capable of batching with the accuracy specified in ASTM C685/C685M. The mixing equipment shall be capable of thoroughly mixing the materials in sufficient quantity to maintain placing continuity and be capable of discharging all mixed material without any carryover from one batch to the next.

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2.3.2 Delivery Equipment for Dry Mix

The equipment shall be capable of discharging the aggregate-cement mixture into the delivery hose and delivering a continuous smooth stream of uniformly mixed material to the discharge nozzle. The discharge nozzle shall be equipped with a manually operated water injection system (water ring) for directing an even distribution of water through the aggregate-cement mixture. The water valve shall be capable of ready adjustment to vary the quantity of water and shall be convenient to the nozzleman. The water pressure at the discharge nozzle shall be sufficiently greater than the operating air pressure to ensure that the water is completely mixed with the other materials. If the line water pressure is inadequate, a water pump shall be introduced into the line. The water pressure shall be steady (nonpulsating). The delivery equipment shall be thoroughly cleaned at the end of each shift. Equipment parts, especially the nozzle liner and water ring, shall be regularly inspected and replaced as required.

2.3.3 Wet Mix Batching and Mixing

Batching and mixing shall be accomplished in accordance with the applicable provisions of ASTM C94/C94M. If volumetric batching and mixing are used, the materials shall be batched and mixed in accordance with the applicable provisions of ASTM C685/C685M. The mixing equipment shall be capable of thoroughly mixing the specified materials in sufficient quantity to maintain continuous placing. Ready-mix shotcrete complying with ASTM C94/C94M may be used.

2.3.4 Delivery Equipment for Wet Mix

The equipment shall be capable of delivering the premixed materials accurately, uniformly, and continuously through the delivery hose. Recommendations of the equipment manufacturer shall be followed on the type and size of nozzle to be used and on cleaning, inspection, and maintenance of the equipment.

PART 3 EXECUTION

3.1 PREPARATION OF SURFACES

3.1.1 Earth

Earth shall be compacted and trimmed to line and graded before placement of shotcrete. Surfaces to receive shotcrete shall be dampened.

3.1.2 Existing Concrete

All unsound and loose materials shall be removed by sandblasting, grinding, or high-pressure water jets before applying shotcrete. Any area to be repaired shall be chipped off or scarified to remove offsets which would cause an abrupt change in thickness without suitable reinforcement. Edges shall be tapered to leave no square shoulders at the perimeter of a cavity. The surface shall be dampened but without visible free water.

3.1.3 Rock

Rock surfaces shall be cleaned to remove loose or drummy material, mud, running water, and other foreign matter that will prevent bond of the shotcrete. The rock surface shall be dampened prior to placement of

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shotcrete.

3.1.4 Shotcrete

When a layer of shotcrete is to be covered by a succeeding layer at a later time, it shall first be allowed to develop its initial set. Then all laitance, loose material, and rebound shall be removed by brooming or scraping. Hardened laitance set shall be removed by sandblasting and the surface thoroughly cleaned.

3.1.5 Construction Joints

Unless otherwise specified, construction joints shall be tapered to a shallow edge form, about 1 inch thick. If nontapered joints are specified, take special care to avoid or remove trapped rebound at the joint. The entire joint shall be thoroughly cleaned and wetted prior to the application of additional shotcrete.

3.2 PLACEMENT OF SHOTCRETE

3.2.1 General

Place shotcrete using suitable delivery equipment and procedures. The area to which shotcrete is to be applied shall be clean and free of rebound or overspray.

3.2.2 Placement Techniques

3.2.2.1 Placement Control

Thickness, method of support, air pressure, and water content of shotcrete shall be controlled to preclude sagging or sloughing off. Shotcreting shall be discontinued or suitable means shall be provided to screen the nozzle stream if wind or air currents cause separation of the nozzle stream during placement.

3.2.2.2 Corners

Horizontal and vertical corners and any area where rebound cannot escape or be blown free shall be filled first.

3.2.3 Placement Around Reinforcement

The nozzle shall be held at such distance and angle to place material behind reinforcement before any material is allowed to accumulate on the face of the reinforcement. In the dry-mix process, additional water may be added to the mixture when encasing reinforcement to facilitate a smooth flow of material behind the bars. Shotcrete shall not be placed through more than one layer of reinforcing steel rods or mesh in one application unless demonstrated by preconstruction tests that steel is properly encased.

3.2.4 Cover of Reinforcement

The following minimum cover shall be provided.

- a. For shotcrete used as linings, coatings, slab, or wall: 3/4 inch.

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3.2.5 Placement Precautions

The following precautions shall be taken during placement.

- a. Placement shall be stopped if drying or stiffening of the mixture takes place at any time prior to delivery to the nozzle.
- b. Rebound or previously expended material shall not be used in the shotcrete mixture.

3.3 REPAIR OF DEFECTS

3.3.1 Defects

Defective areas larger than 48 square inches or 2 inches deep shall be removed and replaced with fresh shotcrete. These defects include honeycombing, lamination, dry patches, voids, or sand pockets. Defective areas shall be removed in accordance with the procedures described in paragraph EXISTING CONCRETE and replaced with fresh shotcrete.

3.3.1.1 Repairs

All repairs shall be made within 1 week of the time the deficiency is discovered. All unacceptable materials shall be removed and repaired by the procedures described in the following two paragraphs. Voids and holes left by the removal of tie rods in all permanently exposed surfaces not to be backfilled and in surfaces to be exposed to water shall be reamed and completely filled with dry-patching mortar as specified below.

3.3.1.2 Minor Patching

Minor patching may be accomplished with a dry-pack mixture, or with materials as approved by the Contracting Officer. Patches that exceed 0.1 cubic foot in volume shall receive a brush coat of approved epoxy resin meeting ASTM C881/C881M, Type II, as a prime coat. Care shall be taken not to spill epoxy or overcoat the repair surface so that the epoxy runs or is squeezed out onto the surface which will remain exposed to view. Epoxy resin shall be used in strict conformance with manufacturer's recommendations with special attention paid to pot life, safety, and thin film tack time.

3.3.2 Core Holes

Core holes shall not be repaired with shotcrete. Instead, they shall be filled solid with a dry-pack mixture after being cleaned and thoroughly dampened.

3.4 FINISHING

3.4.1 Natural Gun Finish

Unless otherwise specified, provide undisturbed final layer of shotcrete as applied from nozzle without hand finishing.

3.4.2 Cutting Screed

After the surface has taken its initial set (crumbling slightly when cut), excess material outside the forms and ground wires shall be sliced off with a downward cutting motion using a sharp-edged cutting screed.

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3.4.3 Flash Coat

A thin coat of shotcrete containing finer sand applied from a distance greater than normal shall be applied to the surface as soon as possible after the screeding.

3.4.4 Float and Trowel Finish

Final surface finish shall be provided using wood float. Troweling of thin sections of shotcrete shall be avoided unless both troweling and commencement of moisture curing take place within a relatively short period after placement of shotcrete.

3.4.5 Fiber-Reinforced Shotcrete

Finish the outer surface of the structure with a layer of nonfiber-reinforced shotcrete and provide an appropriate finish as denoted.

3.5 CURING AND PROTECTION

3.5.1 Initial Curing

Immediately after finishing, shotcrete shall be kept continuously moist for at least 3 days. One of the following materials or methods shall be used:

- a. Ponding or continuous sprinkling.
- b. Absorptive mat or fabric, sand, or other covering kept continuously wet.
- c. Curing Compounds. On natural gun or flash finishes, use the coverage application requirement of 100 square feet/gallon or twice the manufacturer's requirement, whichever is less. Curing compounds shall not be used on any surfaces against which additional shotcrete or other cementitious finishing materials are to be bonded unless positive measures, such as sandblasting, are taken to completely remove curing compounds prior to the application of such additional materials.

3.5.2 Final Curing

Additional curing shall be provided immediately following the initial curing and before the shotcrete has dried. One of the following materials or methods shall be used:

- a. Continue the method used in initial curing.
- b. Application of impervious sheet material conforming to ASTM C171.

3.5.3 Formed Surface

If forms are to be removed during curing period, one of the curing materials or methods listed in paragraph INITIAL CURING shall be used immediately. Such curing shall be continued for the remainder of the curing period.

3.5.4 Duration of Curing

Curing shall be continued for the first 7 days after shotcreting or until

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the specified compressive strength of the in-place shotcrete as determined by specimens obtained and tested in accordance with ASTM C42/C42M is achieved.

3.5.5 Temperature Considerations

The air temperature in contact with the shotcrete shall be continuously maintained at a temperature above 40 degrees F for at least 3 days after placement. No shotcrete shall be applied when the concrete surface or air in contact with the concrete surface is below 40 degrees F.

3.6 TESTS

3.6.1 Strength Testing

Test specimens shall be initially cured onsite, then shall be transported in an approved manner to an approved testing laboratory meeting the requirements of ASTM C1077 within 48 hours of scheduled testing time.

3.6.1.1 Test Cores

Test cores shall be drilled from the structure at least 40 hours prior to testing and tested in accordance with ASTM C1140/C1140M. A set of three cores shall be taken not less than once each shift that shotcrete is placed nor less than once for each 50 cubic yards of shotcrete placed through the nozzle. The diameter of core specimens shall be determined in accordance with ASTM C42/C42M.

3.6.2 Aggregate Moisture

Prior to batching the shotcrete and at least once during a shift in which shotcrete is being batched, the coarse and fine aggregate moisture content shall be determined in accordance with ASTM C566. The batch weights of both the aggregates and mixing water shall be appropriately adjusted to account for the available free moisture in the aggregates. The amount of free moisture in the aggregates, expressed as pounds of water per cubic yard, shall be recorded on the batching ticket and delivered to the Contracting Officer prior to placement during the shift. The Contracting Officer will have the option to request additional aggregate moisture content tests for each of the required tests.

3.6.3 Grading

The grading of the coarse and fine aggregate shall be determined in accordance with ASTM C136. The fine and coarse aggregate grading shall be determined prior to batching the shotcrete and at least once during a shift in which shotcrete is being batched. The Contracting Officer will have the option to require one additional sieve analysis test for aggregate type.

3.6.4 Thickness

The minimum shotcrete thickness shall be as shown in the drawings. The unhardened shotcrete shall be checked for thickness using a probe by the nozzleman or laborer at the time of placement. These thickness checks shall be at 15-minute intervals and all low or thin areas shall be corrected by applying additional shotcrete.

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3.6.5 Mixture Proportions

Record and check mixture proportions at least once per shift for weigh batching. Record and check mixture proportions as recommended by ASTM C685/C685M at least once per shift for volumetric batching and continuous mixing plants.

3.6.6 Preparations

Prior to each placement of shotcrete, the Contractor's inspector shall certify in writing or by an approved checkout form that cleanup and preparations are in accordance with the plans and specifications.

3.6.7 Air Content

Air content tests shall be conducted on wet-mix shotcrete according to ASTM C231/C231M with a frequency of not less than once each shift nor less than once for each 50 cubic yards of shotcrete placed through the nozzle. Tests shall be conducted on samples taken as the wet shotcrete mixture is placed in the delivery equipment.

-- End of Section --

SECTION 03 60 00

GROUTING
11/07

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM INTERNATIONAL (ASTM)

ASTM C 143/C 143M	(2010) Standard Test Method for Slump of Hydraulic Cement Concrete
ASTM C 404	(2007)Standard Specification for Aggregate for Masonry Grout
ASTM C 595	(2010)Standard Specification for Blended Hydraulic Cement
ASTM C 618	(2008a)Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Concrete
ASTM C 1157	(2010) Standard Performance for Hydraulic Cement
ASTM C 1019	(2009) Standard Test Method for Sampling and Testing Grout
ASTM C 150	(2009) Standard Specification for Portland Cement
ASTM C 476	(2009) Standard Specification for Grout for Masonry
ASTM C 494/C 494M	(2010) Standard Specification for Chemical Admixtures for Concrete
ASTM C 94/C 94M Concrete	(2007) Standard Specification for Ready-Mixed Concrete

NATIONAL CONCRETE MASONRY ASSOCIATION (NCMA)

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that

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will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-03 Product Data

Cold Weather Installation

Cold weather construction procedures.

Manufacturer's data sheets on each product to be used; G

Mixing and preparation instructions and recommendations.
Storage and handling requirements and recommendations
Installation methods

SD-06 Test Reports

Cementitious components of the grout mix

Grout

Test reports from an approved independent laboratory. Test reports on a previously tested material shall be certified as the same as that proposed for use in this project.

SD-07 Certificates

Admixtures for Grout

Certificates of compliance stating that the materials meet the specified requirements.

1.3 DELIVERY, HANDLING, AND STORAGE

Materials shall be delivered, handled, stored, and protected to avoid compromising packages and contact with soil or contaminating material.

1.3.1 Cementitious Materials, Sand and Aggregates

Cementitious and other packaged materials shall be delivered in sealed, unopened containers, plainly marked and labeled with manufacturers' names and brands. Cementitious material shall be stored in dry, weathertight enclosures or be completely covered. Cement shall be handled in a manner that will prevent the inclusion of foreign materials and damage by water or dampness. Sand and aggregates shall be stored in a manner to prevent contamination or segregation.

1.4 QUALITY ASSURANCE

1.4.1 Spare Vibrator

Maintain at least one spare vibrator on site at all times.

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PART 2 PRODUCTS

2.1 GROUT AND READY-MIXED GROUT

Grout shall conform to ASTM C 476, fine. Cement used in grout shall have a low alkali content. Grout slump shall be between 8 and 11 inches as measured by ASTM C 143. Minimum grout strength shall be 3000 psi in 28 days, as tested by ASTM C 1019. Grout shall be used subject to the limitations of Table III. Proportions shall not be changed and materials with different physical or chemical characteristics shall not be used in grout for the work unless additional evidence is furnished that the grout meets the specified requirements. Ready-Mixed grout shall conform to ASTM C 94/C 94M.

2.1.1 Admixtures for Grout

In cold weather, a non-chloride based accelerating admixture may be used subject to approval; accelerating admixture shall be non-corrosive, shall contain less than 0.2 percent chlorides, and shall conform to ASTM C 494/C 494M, Type C. In general, air-entrainment, anti-freeze or chloride admixtures shall not be used except as approved by the Contracting Officer.

2.1.2 Grout Mix

Factory blended hydraulic cement based product containing aggregate and portland cement, blended cement, or a mixture of portland cement and fly ash proportioned to produce grout complying with ASTM C 476 for the specified type of grout; packaged course and fine fill grout.

1. Portland Cement or Blended Cement: ASTM C 150 Types I, IA, II, IIA, III or IIIA.
2. Portland Cement or Blended Cement: ASTM C 595 Types IS, IS(MS), IS-A, IS-A(MS), IP, or IP-A.
3. Portland Cement or Blended Cement: ASTM C 1157 Types GU, HE, MS, or HS.
4. Fly Ash: ASTM C 618.
5. Aggregate: ASTM C 404.
6. Coarse Grout: Adjust aggregate proportions to provide evenly graded mix which will be easily pumped, with coarse aggregate content no greater than maximum specified in the proportion specifications of ASTM C 476.

2.1.3 Water

Clean and free from deleterious acids, alkalies, and organic matter.

2.2 MIXING

Mixing Procedure: Add factory pre-blended dry materials to water in mortar mixer and mix for at least 5 minutes.

Retempering: Do not retemper grout; discard grout that cannot be easily pumped or poured.

Cold Weather: Follow National Concrete Masonry Association

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recommendations for cold weather construction.

PART 3 EXECUTION

3.1 PREPARATION

Prior to start of work, verify the applicable conditions as set forth in ACI 530.1, inspection. The Contracting Officer will serve as inspector.

3.2 REBAR

See Section 03 20 01.00 10 Concrete Reinforcement for requirements.

3.3 PLACING GROUT

Bollards containing rebar shall be filled with grout. Grout not in place within 1-1/2 hours after water is first added to the batch shall be discarded. Sufficient grout shall be provided to grout each bollard to the height shown on the drawings without cold joints.

3.3.1 Grouting Equipment

3.3.1.1 Grout Pumps

Pumping through aluminum tubes will not be permitted. Pumps shall be operated to produce a continuous stream of grout without air pockets, segregation, or contamination. Upon completion of each day's pumping, waste materials and debris shall be removed from the equipment, and disposed of.

3.3.1.2 Vibrators

Internal vibrators shall maintain a speed of not less than 5,000 impulses per minute when submerged in the grout. At least one spare vibrator shall be maintained at the site at all times. Duration of vibration shall be limited to time necessary to produce satisfactory consolidation without causing segregation.

3.3.2 Grout Placement

Grout shall be placed using a grout pump to completely fill the grout space without segregation of the aggregates. Vibrators shall not be inserted into lower pours that are in a semi-solidified state.

3.4 WASTE MANAGEMENT

Manage waste according to the Waste Management Plan and as follows. Minimize water used to wash mixing equipment. Use trigger operated spray nozzles for water hoses.

3.4.1 Separate and Recycle Waste

Place materials defined as hazardous or toxic waste in designated containers. Fold up metal banding, flatten, and place in designated area for recycling. Collect wood packing shims and pallets and place in designated area. Use leftover mixed mortar as directed where lower strength

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mortar meets the requirements for bulk fill. Separate masonry waste and place in designated area for use as structural fill. Separate selected masonry waste and excess for landscape uses, either whole or crushed as ground cover.

3.5 TEST REPORTS

3.5.1 Field Testing of Grout

Field sampling and testing of grout shall be in accordance with the applicable provisions of ASTM C 1019. A minimum of three specimens of grout per day shall be sampled and tested. Each specimen shall have a minimum ultimate compressive strength of 4000 psi at 28 days.

--End of Section--

Soil Cement

10/12

PART 1 GENERAL

1.1 Soil Cement

The work consists of furnishing, placing, compacting, and curing a mixture of soil material, Portland cement, and water. The mixture shall be uniformly mixed, blended, compacted, finished, and cured as specified. It shall conform to the lines, grades, thicknesses, and cross section(s) shown on the drawings.

1.2 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM INTERNATIONAL (ASTM)

ASTM D 559	Standard Test Methods for Wetting and Drying Compacted Soil-Cement Mixtures
ASTM D 560	Standard Test Methods for Freezing and Thawing Compacted Soil-Cement Mixtures
ASTM D 1632	Standard Practice for Making and Curing Soil-Cement Compression and Flexure Test Specimens in the Laboratory
ASTM D 1633	Standard Test Method for Compressive Strength of Molded Soil-Cement Cylinders
ASTM D 558	Standard Test Methods for Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures
ASTM C 94	Standard Specification for Ready-Mixed Concrete
ASTM C 618	Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
ASTM C 309	Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete

1.3 Material

Soil material shall be obtained from the required excavations or designated borrow locations and shall meet the requirements outlined in this section.

Deleterious material, such as sod, brush, or roots, shall be separated from soil material during the selection, blending, and routing operations. Rock particles larger than 2 inches in any dimension shall be removed before mixing.

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Soil material, cement content, and moisture content other than those specified may be used as approved by the engineer. Proposed alternatives must meet one of the following requirements to be considered:

- a. If the soil material to be used has gradation and Atterberg limits similar to the soils specified, the same cement content and water content shall be used. The contractor shall provide gradation and Atterberg limit test data from a qualified soil testing laboratory verifying gradation and Atterberg limits.
- b. If the soil material does not have gradation and Atterberg limits similar to the soils specified, the contractor shall provide soil-cement, moisture-density relations data, Atterberg limits, gradation tests, and either durability or strength tests as specified in paragraph 1.13 from a qualified soil testing laboratory. The soil-cement mix ratio and water content shall also be provided by the laboratory. If durability is selected, the following durability tests shall be provided: ASTM D 559 and ASTM D 560. If strength is selected, use ASTM D 1632 for cylinder preparation and curing and provide ASTM D 1633 test results. The moisture-density relations are to be in accordance with ASTM D 558. The tests must indicate a soil-cement of a quality equal to or exceeding the quality specified.

Portland cement shall conform to the requirements of 03 30 00.00 10 Cast in Place Concrete, for the specified type. Mixing of different brands or types of cement is not permitted.

Portland cement shall be furnished in bags, barrels, or bulk. Bagged cement that is stored at the job site shall be used in the same order as the deliveries arrived on the site. Each shipment of bagged cement shall be handled and stored so that it may be readily distinguished from other shipments. Emptied cement bags shall be disposed of by the contractor at offsite locations selected by the contractor. Burning of emptied cement bags is permitted if identified on the burning permit as an allowable activity.

Water used in mixing or curing soil-cement shall be clean and free from injurious amounts of oil, acid, alkali, organic matter, or other deleterious substances, and shall meet the requirements for water as specified in ASTM C 94.

Pozzolanic material, when used, shall comply with the requirements of ASTM C 618 Class C or F, Specifications for Fly Ash, and Raw or Calcined Natural Pozzolan.

Curing compounds, when used, shall conform to the requirements set forth in 03 30 00.00 10 Cast in Place Concrete. Application of the curing compound shall be in accordance with paragraph 1.12 of this specification and the manufacturer's recommendations.

1.4 Operations Of Pits Or Stockpiles Of Soil Material

All work required in the opening and operation of borrow areas or

stockpiles shall be performed by the contractor. The borrow areas or stockpiles shall be opened in a manner to expose a near vertical face of the soil material for a suitable working depth. Exposed cut faces shall not exceed 5 feet in height without benching back if it poses a threat to construction personnel or others. The contractor shall conform to OSHA Construction Industry Standards (29 CFR Part 1926) Subpart P, Excavations, Trenching, and Shoring, during all excavation operations.

Material shall be excavated in successive vertical cuts extending across the pit or stockpile. When approved by the engineer, successive horizontal cuts on a horizontal oriented working face may be permitted in homogeneous soils. All pockets or strata of unsuitable material not meeting the quality requirements specified in paragraph 1.3 Material, shall be wasted. The method of operating the pit or stockpile and the blending of material shall be adjusted as necessary to obtain material conforming to the specifications. Upon completion of the work, the pits shall be graded and dressed to minimize erosion and to provide free drainage.

1.5 Foundation Preparation

Before soil-cement processing commences, the subgrade placement area shall be graded, shaped, and compacted in conformance with the lines and grades shown on the drawings. The subgrade shall firmly support the construction equipment. Immediately before placement of the soil-cement, the compacted subgrade surface shall be moistened to approximately the same moisture content as specified for the soil-cement, and shall be kept moist until the soil-cement is placed.

1.6 Design Of Soil-Cement Mixture

The materials and proportions of the soil-cement mixture shall constitute the job-mix. After a job-mix has been approved, the source, character, or grading of the soil and the type, brand, or quantity of cement or pozzolanic material shall not be changed without prior approval of the engineer. A change in material or proportions requires the establishment of a new job-mix supported by evidence, as required for the initial job-mix, that the proposed new material and mix proportions will produce soil-cement of the strength specified.

The use of calcium chloride or other accelerants or antifreeze compounds is not permitted unless approved by the engineer.

Method 1-The contractor shall determine the mix proportions and submit the job-mix design along with the supporting test results to the engineer for approval before incorporating any of the material into the work. The brand of cement and the location of the soil material source shall be included with the job-mix design data. The mix design shall be such that the soil-cement meets or exceeds the minimum compressive strength specified. A new mix design shall be submitted for approval any time the contractor requests a change in material or a proportioning of material from that given in the approved mix design. In no case will the engineer's review and approval of a mix design relieve the contractor of responsibility to provide soil-cement meeting the contract specifications.

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A maximum of 15 percent of the total weight of cement may be replaced with fly ash at a rate of 1.2 pounds of fly ash per pound of cement replaced.

Method 2—The contractor shall furnish the soil, fly ash, cement, and moisture content as specified in paragraph 1.13 of this specification. During the course of the work, the engineer may adjust the job-mix proportions as needed to achieve the specified compressive strength.

All methods—The percent of cement to be used in the mix is determined by dividing the weight of cement by the oven-dry weight of the soil material.

1.6 Mixing

The mixing plant shall produce a mixture of soil, cement, and water that is uniform in color and at the required moisture and cement content throughout. The plant shall be equipped with measurement devices that proportion the mix in the specified quantities. Before all measurement devices are used, they shall be calibrated and certified by a qualified technician approved by the engineer. The actual quantities of the mix shall not vary more than 2 percent from the approved job-mix quantities unless otherwise approved. The moisture content shall be the percent- age of moisture in the mixture at the time of compaction.

The engineer shall have full and free access to the mixing plant at all times for inspection of the plant's operation and for sampling the soil-cement mixture and its components.

Method 1—Mixing of the soil, cement (including fly ash), and water shall be accomplished in a stationary mixing plant. The plant may be either a batch type or a continuous flow type design. The plant may use either weight or volume proportioning. The scale or metering devices shall be sensitive to 1 percent of the maximum load that may be required or imposed. The mixer shall be a pugmill, revolving-blade, or rotary-drum system.

Facilities for efficiently storing, handling, and proportioning unmixed materials shall be provided at the plant.

Method 2—Mixing of the soil, cement (including fly ash), and water shall be accomplished in a truck mixer. The mixer shall meet the requirements for truck mixers contained in ASTM C 94.

Method 3—Mixing of the soil-cement shall be accomplished in place. Mixing of the soil, cement (including fly ash), and water shall be accomplished by a single or multiple transverse shaft mixer, a traveling pugmill, or similar equipment approved by the engineer. A motor grader or similar equipment is not acceptable in lieu of the mixing equipment specified.

Soil material to be mixed in place shall be formed into windrows or divided into known grid areas. If windrows are used, they shall be prepared to a known size with a sizing device. The tops of the windrows

shall be flattened or slightly trenched to receive the cement.

The cement quantity necessary to meet the specified cement-to-soil ratio shall be distributed uniformly on the windrowed soil or over the prepared grid areas. After spreading, cement that has been displaced or is found to be less than that specified shall be properly adjusted or replaced before starting mixing operations.

The mixing operation shall be accomplished so that no unmixed seams of soil are between layers. Excessive streaking of the soil cement below the layer being mixed is not allowed.

All methods—The following provisions apply to all methods of mixing. The mixing time shall be controlled so that all ingredients are mixed as long as necessary to ensure a thorough, uniform, homogeneous mixture of soil, cement, pozzolanic material (if used), and water. Mixing time shall be adjusted based on tests and field determinations. Mixing time is considered as the interval between the time the cement contacts the soil and water and the time the mixture leaves the mixing unit or when the mixer speed is reduced to the agitating speed. The soil and cement shall be mixed sufficiently to prevent cement balls from forming before the water is added. The water may be applied through the mixing machine or separately by approved pressure distributing equipment.

Soil that has plastic silt or clay lumps larger than 1 inch shall be pulverized or screened out of the raw soil before mixing.

1.7 Transporting

The soil-cement mixture shall be transported from the mixing plant to the site of placement in vehicles having tight, clean, smooth beds or mixer trucks. Haul time shall not exceed 30 minutes.

The contractor shall protect the soil-cement mixture if transported during unfavorable weather. Any material excessively wet by precipitation is subject to rejection.

Equipment shall not be operated on a finished and compacted layer of soil-cement except where specifically permitted. Any damage resulting to the finished surface of the soil-cement from such an operation shall be repaired by the contractor at no cost to the owner.

Earth ramps crossing over completed soil-cement must have a minimum compacted thickness of 2 feet. Where ramps are constructed over soil-cement that is not to finished grade, all foreign material and the uppermost inch of the top layer of soil-cement must be removed before the soil-cement installation is continued.

1.8 Placement

Soil-cement shall not be placed until the required excavations and preparation of the foundation are completed and the foundation has been inspected and approved by the engineer.

Equipment for spreading the soil-cement mixture shall be suitable for the purpose and shall be operated to produce a reasonably smooth, uniform

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surface. The equipment shall be controllable so as to produce uniform layers not more than the specified maximum thickness. The layer of soil-cement, or each successive lift when layering is required, shall be spread and compacted as soon as possible after the preceding layer is completed and approved. Soil-cement shall be placed in horizontal layers or layers conforming to the plane of the subgrade.

When the time between completion of compaction on a layer and start of placement of the next layer is more than 2 hours, the contractor shall scarify the surface to a depth of 1 inch at a maximum spacing of 12 inches unless specified otherwise in paragraph 1.13 or approved by the engineer. The contractor shall clean off the scarified surface thoroughly by power brooming or other approved methods before proceeding. The entire broomed surface shall then be thoroughly moistened before the next layer of soil-cement is placed.

Soil-cement placement operations may commence when the air temperature is not less 40 degrees Fahrenheit and a rising temperature is expected for the work period. Soil-cement shall not be placed on a frozen foundation or if the soil to be processed is frozen or if weather conditions are such that the material being processed cannot be completely compacted and protected before the onset of damaging weather (overnight lows below 40 degrees Fahrenheit, cold fronts, and rainstorms). The use of accelerators or antifreeze compounds is not allowed unless otherwise specified. The temperature of fresh soil-cement shall not be allowed to drop below 32 degrees Fahrenheit for 7 days after placement. If temperatures are expected to be below 45 degrees Fahrenheit, the contractor's method for protection shall be approved by the engineer before placement of any soil-cement.

When the mean air temperature does not exceed 90 degrees Fahrenheit, the moisture content at the time of compaction shall be within the range specified. When the mean air temperature exceeds 90 degrees Fahrenheit or conditions promoting rapid drying of the soil-cement mixture exist, the moisture content of the mixture may be increased up to 2 percentage points above optimum unless otherwise specified. Any increase in moisture content shall be less than the quantity that causes the soil cement to become unstable during the compaction and finishing operations.

1.9 Compaction

Equipment-Compaction equipment used shall be capable of uniformly compacting the soil-cement mixture to the specified density. It shall not have tamping feet or projections that penetrate to previously compacted layers. Compaction with only the wheels of the hauling equipment is not an acceptable method of compaction.

Compaction requirements-Soil-cement shall be uniformly compacted to a density not less than the minimum density specified. Optimum moisture and maximum density shall be determined by ASTM D 558. Natural Resources Conservation Service Test No. S-6 (USBR Test E-25), Rapid Compaction Control Method as referenced in NEH-19, may be used as equivalent to ASTM D 558.

Compaction shall start as soon as possible after spreading. Elapsed time between the addition of water to the soil-cement mixture and the start

of compaction shall not exceed 60 minutes. The elapsed time between addition of water to the soil-cement mixture and completion of compaction shall not exceed 90 minutes.

Other requirements—If the surface of a layer of soil-cement has been rutted or compacted unduly by hauling or other equipment, the contractor shall scarify and re-compact such surfaces within 2 hours of the addition of water to the cement. When required to maintain uniformity of the layer surface, blading in connection with compaction operations shall be employed. If blading is required, raw unmixed soil shall not be bladed onto the mixed soil- cement. When more than 2 hours has occurred from the time water was added to the cement, the damaged soil- cement shall be removed in a manner and to the extent approved by the engineer.

1.10 Construction Joints

At the end of each workday, or when the adjacent placing operation is terminated for more than 2 hours, a vertical construction joint shall be made along all unfinished edges of the thoroughly compacted soil-cement. Just before placing operations are resumed, the construction joint shall be shaved to remove all dry soil-cement and all curing compound from the joint face.

1.11 Removal and Replacement

The soil-cement installation shall be considered defective and shall be removed and replaced in accordance with these specifications when any one of the following conditions occur:

- a. Compaction operations are interrupted for any reason before the completion of compaction and the soil- cement mixture is left undisturbed for more than 30 minutes.
- b. The soil-cement mixture becomes excessively wet before completion of compaction so that the moisture content exceeds the specified limits.
- c. The compacted soil-cement does not meet the density and moisture requirements except that when the moisture is lower than required, the soil-cement mixture may be reworked, thoroughly mixed, and compacted within the time limits stated in paragraph 1.8, Compaction requirements.
 - The finished surface is rough or below grade such that a thin "scab" section would be required to smooth the surface or bring the surface to grade.

1.12 Protecting And Curing

1.12.1 Moistening bonding surface

Compacted surface of soil-cement that is to receive an overlay of soil-cement or concrete shall be kept moist until placement of the overlay or adjacent layer of soil-cement or concrete. The contractor is not required to keep such surfaces moistened for longer than 7 days unless the overlay of soil-cement or concrete is not accomplished within 7 days as a result of the contractor's

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operations.

1.12.2 Curing Finished Exposed Surface

Method 1—Concrete curing compound conforming to ASTM C 309 of the type specified shall be applied at a rate of not less than 1 gallon per 150 square feet of surface using constantly agitating, pressure spray equipment. This compound shall form a uniform, continuous, adherent film that does not check, crack, or peel.

The surface of each section of soil-cement to be treated with curing compound shall be moistened with a light spray of water immediately after the section has been compacted. As soon as the surface film of moisture disappears, but while the surface still has a damp appearance, the curing compound shall be applied. Special care shall be implemented to ensure ample coverage with the compound at edges, corners, and around rough spots. After application of the curing compound has been completed and the coating is dry to the touch, any required repair of the soil-cement surface shall be performed. To ensure a clean bonding surface, all curing compound or other foreign substances shall be removed from the area before additional soil-cement is applied. Each repair, after being finished, shall be moistened and coated with curing compound in accordance with the foregoing requirements.

Method 2—Curing moisture shall be maintained by sprinkling, flooding, fog spraying, or covering with continuously moistened canvas, cloth mats, straw, sand, or other approved material. Water or covering, or both, shall be applied so that the soil-cement surface is not eroded or otherwise damaged.

Method 3—Waterproof paper or plastic sheeting shall be used to completely cover the soil-cement and prevent moisture loss. Adjoining sheeting shall be overlapped at least 1 foot and weighted or taped to prevent moisture loss at joints. Sheeting shall be anchored sufficiently to prevent displacement by the wind.

All methods—The curing process shall be maintained for 7 days. Any curing compound that is removed from the surface or damaged within 7 days after application shall be repaired immediately. The contractor shall have all equipment and material required for curing at the site ready for use before starting soil-cement placement activities.

1.13 Inspection and Testing

During the course of the work, the engineer will perform quality assurance tests as required to identify materials and determine compaction characteristics, moisture content, and density of soil-cement in place. Tests performed by the engineer will be used to verify that the soil-cement placed conforms to contract requirements of the specifications and not as a replacement for the contractor's quality control program.

The contractor shall conduct all required quality control tests in accordance with the approved Contractor Quality Control Plan to assure that work performed meets contract requirements.

-- End of Section --

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SECTION 05 05 23

WELDING, STRUCTURAL
11/08

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

AISC 360 (2005) Specification for Structural Steel Buildings, with Commentary

AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING (ASNT)

ASNT RP SNT-TC-1A (2006) Recommended Practice

AMERICAN WELDING SOCIETY (AWS)

AWS A2.4 (2007) Standard Symbols for Welding, Brazing and Nondestructive Examination

AWS A3.0 (2001; Errata 2001) Standard Welding Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting and Thermal Spraying

AWS D1.1/D1.1M (2008; Errata 2009) Structural Welding Code - Steel

AWS D1.3/D1.3M (2008; Errata 2008) Structural Welding Code - Sheet Steel

AWS D1.4/D1.4M (2005; Errata 2005) Structural Welding Code - Reinforcing Steel

AWS D14.1/D14.1M (2005) Welding Industrial and Mill Cranes and Other Material Handling Equipment

AWS D14.4/D14.4M (2005) Welded Joints for Machinery and Equipment

AWS Z49.1 (2005) Safety in Welding, Cutting and Allied Processes

ASTM INTERNATIONAL (ASTM)

ASTM E 165 (2009) Standard Test Method for Liquid Penetrant Examination

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ASTM E 709

(2008) Standard Guide for Magnetic Particle
Examination

1.2 DEFINITIONS

Definitions of welding terms are in accordance with AWS A3.0. The following classifications Class 1 (highest class) to Class 6 (lowest class) indicate the project's class(es) of weld joints.

1.2.1 Class 1 Weld Joints

This covers complete penetration weld joints only. These weld joints apply where failure would cause a loss of the system and/or be hazardous to personnel. Class 1 weld joints are highly stressed (dynamic and cyclic loading) and characterized as a single point of failure with no redundancy for the redistribution of stress into another member.

1.2.2 Class 2 Weld Joints

This covers both complete and partial penetration groove weld joints and fillet weld joints. These weld joints apply where failure would reduce the overall efficiency of a system but loss of the system or a hazard to personnel would not be experienced.

1.2.3 Class 3 Weld Joints

This covers both complete and partial penetration groove weld joints and fillet weld joints. These weld joints apply where failure would not affect the efficiency of a system nor create a hazard to personnel. Class 3 weld joints are connections of secondary members not subject to dynamic action and/or low stressed miscellaneous applications.

1.2.4 Class 4 Weld Joints

This covers weld joints applicable to welding reinforcing steel to primary structural members.

1.2.5 Class 5 Weld Joints

This covers weld joints applicable to welding concrete reinforcing steel splices (prestressing steel excepted), steel connection devices, and inserts and anchors required in concrete construction.

1.2.6 Class 6 Weld Joints

This covers plug and slot weld joints as applicable to the requirements of the project's code(s).

1.3 GENERAL REQUIREMENTS

Conform the design of welded connections to AISC 360, unless otherwise indicated or specified. Material with welds will not be accepted unless the welding is specified or indicated on the drawings or otherwise approved. Perform welding as specified in this section, except where additional requirements are shown on the drawings or are specified in other sections. Do not commence welding until welding procedures, inspectors, nondestructive testing personnel, welders, welding operators, and tackers have been

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qualified and the submittals approved by the Contracting Officer. Perform all testing at or near the work site. Each Contractor performing welding shall maintain records of the test results obtained in welding procedure, welder, welding operator, and tacker performance qualifications.

1.3.1 Pre-erection Conference

Hold a pre-erection conference prior to the start of the field welding, to bring all affected parties together and to gain a naturally clear understanding of the project and the Welding Procedure Specifications (WPS) (which the Contractor shall develop and submit for all welding, including welding done using pre-qualified procedures). Mandatory attendance is required by all Contractor's welding production and inspection personnel and appropriate Government personnel. Include as items for discussion: responsibilities of various parties; welding procedures and processes to be followed; welding sequence (both within a joint and joint sequence within the building); inspection requirements and procedures, both visual and ultrasonic; welding schedule; fabrication of mock-up model; and other items deemed necessary by the attendees.

1.3.2 Mock-up Model

Perform first the field-welded connection designated as the mock-up model on the drawings. All welders qualified and designated to perform field-welded groove joints must be present during the welding of the mock-up model connections and each one shall perform a part of the welding. Simulate with the mock-up test all physical and environmental conditions that will be encountered during the welding of all groove joints. Execute all inspection procedures required for groove welded joints, including NDE tests, on the mock-up model. All Contractor inspection and testing personnel designated to perform QC of groove welded joints must be present during the welding of the mock-up model and each one shall perform the inspection procedures to be performed on production welding of these joints. This mock-up model connection represents the standard of performance, both for the welding and inspection procedures used and the results to be achieved in the production welding for these groove welded joints.

1.4 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-03 Product Data

- Welding Procedure Qualifications; G
- Welder, Welding Operator, and Tacker Qualification
- Inspector Qualification
- Previous Qualifications
- Pre-qualified Procedures

Copies of the welding procedure specifications; the procedure qualification test records; and the welder, welding operator, or tacker qualification test records.

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SD-06 Test Reports

Quality Control
Nondestructive Examination

A quality assurance plan and records of tests and inspections. Submit all records of nondestructive examination in accordance with paragraph "Acceptance Requirements".

SD-07 Certificates

Certified Welding Procedure Specifications (WPS)
Certified Brazing Procedure Specifications (BPS)
Certified Procedure Qualification Records (PQR)
Certified Welder Performance Qualifications (WPQ)
Certified Brazer Performance Qualifications (BPQ)

Certificates in accordance with paragraph "Other Applications".

1.5 WELDING PROCEDURE QUALIFICATIONS

Except for pre-qualified (in accordance with AWS D1.1/D1.1M) and previously qualified procedures, each Contractor performing welding shall record in detail and qualify the welding procedure specification for any welding procedure followed in the fabrication of weldments. Conform welding procedure qualification to AWS D1.1/D1.1M and to the specifications in this section. Submit for approval copies of the welding procedure specification and the results of the procedure qualification test for each type of welding which requires procedure qualification. Approval of any procedure, however, does not relieve the Contractor of the sole responsibility for producing a finished structure meeting all the specified requirements. Submit this information on the forms in Annex M of AWS D1.1/D1.1M. Individually identify and clearly reference on the detail drawings and erection drawings all welding procedure specifications, or suitably key them to the contract drawings. In case of conflict between this specification and AWS D1.1/D1.1M, this specification governs.

1.5.1 General Requirements

The organization performing this work must be certified in the following: American Institute of Steel Construction (AISC) Quality Certification Program Category I Conventional Steel Structures.

a. For Structural Projects, provide documentation of the following:

- 1) Component Thickness 1/8 inch and greater: Qualification documents (WPS, PQR, and WPQ) in accordance with AWS D1.1/D1.1M.
- 2) Component Thickness Less than 1/8 inch: Qualification documents (WPS, PQR, and WPQ) in accordance with AWS D1.3.
- 3) Reinforcing Steel: Qualification documents (WPS, PWR, and WPQ) in accordance with AWS D1.4/D1.4M.

b. For other applications, provide documentation of the following:

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1) Submit for review to the Contracting Officer two copies of Certified Welding Procedure Specifications (WPS), Certified Brazing Procedure Specifications (BPS) and Certified Procedure Qualification Records (PQR) within fifteen calendar days after receipt of Notice to Proceed.

2) Cranes: Qualification documents (WPS, PQR, and WPQ) in accordance with AWS D14.1/D14.1M.

3) Submit for review to the Contracting Officer two copies of Certified Welder Performance Qualifications (WPQ) and Certified Brazer Performance Qualifications (BPQ) within fifteen calendar days prior to any employee welding on the project material.

4) Machinery: Qualification documents (WPS, PQR, and WPQ) in accordance with AWS D14.4/D14.4M.

1.5.2 Previous Qualifications

Welding procedures previously qualified by test may be accepted for this contract without re-qualification if the following conditions are met:

- a. Testing was performed by an approved testing laboratory, technical consultant, or the Contractor's approved quality control organization.
- b. The qualified welding procedure conforms to the requirements of this specification and is applicable to welding conditions encountered under this contract.
- c. The welder, welding operator, and tacker qualification tests conform to the requirements of this specification and are applicable to welding conditions encountered under this contract.

1.5.3 Pre-qualified Procedures

Welding procedures which are considered pre-qualified as specified in AWS D1.1/D1.1M will be accepted without further qualification. The Contractor shall submit for approval a listing or an annotated drawing to indicate the joints not pre-qualified. Procedure qualification is mandatory for these joints.

1.5.4 Retests

If welding procedure fails to meet the requirements of AWS D1.1/D1.1M, the procedure specification must be revised and re-qualified, or at the Contractor's option, welding procedure may be retested in accordance with AWS D1.1/D1.1M. If the welding procedure is qualified through retesting, all test results, including those of test welds that failed to meet the requirements, must be submitted with the welding procedure.

1.6 WELDER, WELDING OPERATOR, AND TACKER QUALIFICATION

Each welder, welding operator, and tacker assigned to work on this contract must be qualified in accordance with the applicable requirements of AWS D1.1/D1.1M and as specified in this section. Welders, welding operators, and tackers who make acceptable procedure qualification test welds will be considered qualified for the welding procedure used.

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1.6.1 Previous Personnel Qualifications

At the discretion of the Contracting Officer, welders, welding operators, and tackers qualified by test within the previous 6 months may be accepted for this contract without re-qualification if all the following conditions are met:

- a. Copies of the welding procedure specifications, the procedure qualification test records, and the welder, welding operator, and tacker qualification test records are submitted and approved in accordance with the specified requirements for detail drawings.
- b. Testing was performed by an approved testing laboratory, technical consultant, or the Contractor's approved quality control organization.
- c. The previously qualified welding procedure conforms to the requirements of this specification and is applicable to welding conditions encountered under this contract.
- d. The welder, welding operator, and tacker qualification tests conform to the requirements of this specification and are applicable to welding conditions encountered under this contract.

1.6.2 Certificates

Before assigning any welder, welding operator, or tacker to work under this contract, submit the names of the welders, welding operators, and tackers to be employed, and certification that each individual is qualified as specified. The certification must state the type of welding and positions for which the welder, welding operator, or tacker is qualified, the code and procedure under which the individual is qualified, the date qualified, and the name of the firm and person certifying the qualification tests. Keep the certification current, on file, and furnish 3 copies.

1.6.3 Renewal of Qualification

Re-qualification of a welder or welding operator is required under any of the following conditions:

- a. It has been more than 6 months since the welder or welding operator has used the specific welding process for which he is qualified.
- b. There is specific reason to question the welder or welding operator's ability to make welds that meet the requirements of these specifications.
- c. The welder or welding operator was qualified by an employer other than those firms performing work under this contract, and a qualification test has not been taken within the past 12 months. Submit as evidence of conformance all records showing periods of employment, name of employer where welder, or welding operator, was last employed, and the process for which qualified.
- d. A tacker who passes the qualification test is considered eligible to perform tack welding indefinitely in the positions and with the processes for which he is qualified, unless there is some specific

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reason to question the tacker's ability. In such a case, the tacker is required to pass the prescribed tack welding test.

1.7 INSPECTOR QUALIFICATION

Inspector qualifications must be in accordance with AWS D1.1/D1.1M. Qualify all nondestructive testing personnel in accordance with the requirements of ASNT RP SNT-TC-1A for Levels I or II in the applicable nondestructive testing method. The inspector may be supported by assistant welding inspectors who are not qualified to ASNT RP SNT-TC-1A, and assistant inspectors may perform specific inspection functions under the supervision of the qualified inspector.

1.8 SYMBOLS

Symbols must be in accordance with AWS A2.4, unless otherwise indicated.

1.9 SAFETY

Safe welding practices and safety precautions during welding must conform to AWS Z49.1.

PART 2 PRODUCTS

2.1 WELDING EQUIPMENT AND MATERIALS

All welding equipment, electrodes, welding wire, and fluxes must be capable of producing satisfactory welds when used by a qualified welder or welding operator performing qualified welding procedures. All welding equipment and materials shall comply with the applicable requirements of AWS D1.1/D1.1M.

PART 3 EXECUTION

3.1 WELDING OPERATIONS

3.1.1 Requirements

Conform workmanship and techniques for welded construction to the requirements of AWS D1.1/D1.1M and AISC 360. When AWS D1.1/D1.1M and the AISC 360 specification conflict, the requirements of AWS D1.1/D1.1M govern.

3.1.2 Identification

Identify all welds in one of the following ways:

a. Submit written records to indicate the location of welds made by each welder, welding operator, or tacker.

b. Identify all work performed by each welder, welding operator, or tacker with an assigned number, letter, or symbol to identify welds made by that individual. The Contracting Officer may require welders, welding operators, and tackers to apply their symbol next to the weld by means of rubber stamp, felt-tipped marker with waterproof ink, or other methods that do not cause an indentation in the metal. Place the identification mark for seam welds adjacent to the weld at 3 foot intervals. Identification with die stamps or electric etchers is not allowed.

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3.2 QUALITY CONTROL

Perform testing using an approved inspection or testing laboratory or technical consultant; or if approved, the Contractor's inspection and testing personnel may be used instead of the commercial inspection or testing laboratory or technical consultant. Perform visual and ultrasonic or radiographic inspections to determine conformance with paragraph STANDARDS OF ACCEPTANCE. Conform procedures and techniques for inspection with applicable requirements of AWS D1.1/D1.1M, ASTM E 165, ASTM E 709, except that in radiographic inspection only film types designated as "fine grain," or "extra fine," are acceptable.

3.3 STANDARDS OF ACCEPTANCE

Conform dimensional tolerances for welded construction, details of welds, and quality of welds with the applicable requirements of AWS D1.1/D1.1M and the contract drawings. Perform nondestructive testing by visual inspection and magnetic particle testing methods. The minimum extent of nondestructive testing shall be random 5-10 percent of welds or joints or every 500 linear feet of fence fabrication, whichever is greater.

3.3.1 Nondestructive Examination

The welding is subject to inspection and tests in the mill, shop, and field. Inspection and tests in the mill or shop do not relieve the Contractor of the responsibility to furnish weldments of satisfactory quality. When materials or workmanship do not conform to the specification requirements, the Government reserves the right to reject material or workmanship or both at any time before final acceptance of the structure containing the weldment.

3.3.2 Destructive Tests

Make all repairs when metallographic specimens are removed from any part of a structure. Employ only qualified welders or welding operators, and use the proper joints and welding procedures, including peening or heat treatment if required, to develop the full strength of the members and joints cut and to relieve residual stress.

3.4 GOVERNMENT INSPECTION AND TESTING

In addition to the inspection and tests performed by the Contractor for quality control, the Government will perform inspection and testing for acceptance to the extent determined by the Contracting Officer. The costs of such inspection and testing will be borne by the Contractor if unsatisfactory welds are discovered, or by the Government if the welds are satisfactory. The work may be performed by the Government's own forces or under a separate contract for inspection and testing. The Government reserves the right to perform supplemental nondestructive and destructive tests to determine compliance with paragraph STANDARDS OF ACCEPTANCE.

3.5 CORRECTIONS AND REPAIRS

If inspection or testing indicates defects in the weld joints, repair defective welds using a qualified welder or welding operator as applicable. Conduct corrections in accordance with the requirements of AWS D1.1/D1.1M

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and the specifications. Repair all defects in accordance with the approved procedures. Repair defects discovered between passes before additional weld material is deposited. Wherever a defect is removed and repair by welding is not required, blend the affected area into the surrounding surface to eliminate sharp notches, crevices, or corners. After a defect is thought to have been removed, and before re-welding, examine the area by suitable methods to ensure that the defect has been eliminated. Repaired welds shall meet the inspection requirements for the original welds. Any indication of a defect is regarded as a defect, unless re-evaluation by nondestructive methods or by surface conditioning shows that no unacceptable defect is present.

-- End of Section --

SECTION 05 12 00

STRUCTURAL STEEL

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

AISC 201-06	(2006) AISC Certification Program for Structural Steel Fabricators
AISC 317	(1992; Reprint 1999) ASD Manual of Steel Construction, Vol II: Connections
AISC 325	(2011) Manual of Steel Construction
AISC 326	(2009) Detailing for Steel Construction
AISC 360	(2010) Specification for Structural Steel Buildings, with Commentary
AISC 201 Structural Steel Fabricators	(2006) AISC Certification Program for

AMERICAN WELDING SOCIETY (AWS)

AWS A2.4	(2007) Standard Symbols for Welding, Brazing and Nondestructive Examination
AWS D1.1/D1.1M	(2008; Errata 2009) Structural Welding Code - Steel

ASTM INTERNATIONAL (ASTM)

ASTM A 143/A 143M	(2007) Standard Practice for Safeguarding Against Embrittlement of Hot-Dip Galvanized Structural Steel Products and Procedure for Detecting Embrittlement
ASTM A 153/A 153M	(2009) Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
ASTM A 307	(2010) Standard Specification for Carbon Steel Bolts and Studs, 60 000 PSI Tensile Strength
ASTM A 325	(2010) Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength

ASTM A 36/A 36M	(2008) Standard Specification for Carbon Structural Steel
ASTM A 490	(2010) Standard Specification for Structural Bolts, Alloy Steel, Heat Treated, 150 ksi Minimum Tensile Strength
ASTM A 500	(2010) Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
ASTM A 53/A 53M	(2010) Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
ASTM A 563	(2007a) Standard Specification for Carbon and Alloy Steel Nuts
ASTM A 780	(2009) Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings
ASTM A 992/A 992M	(2011) Standard Specification for Structural Steel Shapes
ASTM F 844	(2007a) Washers, Steel, Plain (Flat), Unhardened for General Use
ASTM F2453	Standard Specification for Welded Wire mesh Fence Fabric (Metallic-Coated or Polymer Coated) for Meshes of 6 in. ² or Less, in Panels or Rolls, with Uniform Meshes

THE SOCIETY FOR PROTECTIVE COATINGS (SSPC)

SSPC SP 6	(2007) Commercial Blast Cleaning
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1.2 SYSTEM DESCRIPTION

Provide the structural steel for fencing system and any required shop primed or galvanized steel, complete and ready for use. Structural steel works shall include specified design, materials, installation, workmanship, fabrication, assembly, inspection, quality control, and testing in accordance with AISC 316 and AISC 317 except as modified in this contract.

1.3 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Erection Plan, including description of temporary supports; G

Fabrication drawings including description of connections; G

SD-03 Product Data

Welding electrodes and rods

SD-06 Test Reports

Bolts, nuts, and washers

Supply the certified manufacturer's mill reports which clearly show the applicable ASTM mechanical and chemical requirements together with the actual test results for the supplied fasteners.

SD-07 Certificates

Steel

Bolts, nuts, and washers

Galvanizing

Welding procedures and qualifications

1.4 AISC QUALITY CERTIFICATION

Not Applicable.

1.5 SEISMIC PROVISIONS

Not Applicable.

1.6 QUALITY ASSURANCE

1.6.1 Fabrication and Erection Quality Control Procedures

Quality control procedures for the fabrication and erection of all fence panels and components shall be included in the Contractor quality control plan. Quality control procedures shall be reviewed and approved by Contracting Officer's Representative (COR) prior to start of fabrication.

1.6.2 Shop Drawing Requirements

As applicable, submit fabrication drawings for approval prior to fabrication. Prepare in accordance with AISC 325, AISC 326, and AISC 317. Fabrication drawings shall not be reproductions of contract drawings. Include complete information for the fabrication and erection of the structure's components, including the location, type, and size of bolts, welds, member sizes and lengths, connection details, blocks, copes, and cuts. Use AWS A2.4 standard welding symbols. Shoring and temporary bracing shall be designed and sealed by a registered professional engineer and submitted for record purposes, with calculations, as part of the drawings. Member substitutions of details shown on the contract drawings shall be clearly highlighted on the fabrication drawings. Explain the reasons for any deviations from the contract drawings.

Provide connection, forming and stiffening details for Structural Steel. Avoid ledges, crevices and pockets that hold water, water-laden debris or condensation.

1.6.2 Certifications

1.6.2.1 Erection Plan

Submit for record purposes. Indicate the sequence of erection, temporary shoring and bracing, and a detailed sequence of welding, including each welding procedure required.

1.6.2.2 Welding Procedures and Qualifications

Prior to welding, submit certification for each welder stating the type of welding and positions qualified for, the code and procedure qualified under, date qualified, and the firm and individual certifying the qualification tests. If the qualification date of the welding operator is more than one-year old, the welding operator's qualification certificate shall be accompanied by a current certificate by the welder attesting to the fact that he has been engaged in welding since the date of certification, with no break in welding service greater than 6 months.

Conform to all requirements specified in AWS D1.1/D1.1M.

PART 2 PRODUCTS

2.1 STEEL

2.1.1 HSS Bollards

ASTM A500 Grade B, Structural Steel, rectangular, tabular steel, sizes as shown on drawings.

2.1.3 HSS Rails

ASTM A500 Grade B, Structural Steel, Rectangular, tabular steel, HSS, sizes as shown on the drawings.

2.1.4 WF Columns, Beams, and Rail

ASTM A992 Grade 50, Structural Steel, Structural wide flange sizes as shown on the drawings.

2.1.5 HSS Post and Beam

ASTM A500 Grade B, Structural Steel, Structural posts and beams, HSS, sizes as shown on the drawings.

2.1.6 Plates, Bars and Angles

ASTM A36, Structural Steel, Structural sizes as shown on the drawings.

2.1.7 Sheet

ASTM A1011, Grade 36, Steel, Sheet and Strip, Carbon, Hot-Rolled for Sheathing and Miscellaneous Brackets.

2.2 BOLTS, NUTS, AND WASHERS

Provide the following unless indicated otherwise.

2.2.1 Structural Steel

2.2.1.1 Bolts

ASTM A 325, Type 1. The bolt heads and the nuts of the supplied fasteners must be marked with the manufacturer's identification mark, the strength grade and type specified by ASTM specifications.

2.2.1.2 Nuts

ASTM A 563, Grade and Style for applicable ASTM bolt standard recommended.

2.2.1.3 Washers

ASTM F 844 washers for ASTM A 307, ASTM A 325 and ASTM A 490 bolts.

2.4 STRUCTURAL STEEL ACCESSORIES

2.4.1 Welding Electrodes and Rods

AWS D1.1/D1.1M. Use low-hydrogen electrodes as specified by the American Welding Society for welding Weathering Steel. Suggestions on minimum preheat are contained in the latest revisions of ANSI/AWS "Structural Welding Code" 01.1 and the ANSI/AASHTO/AWS "Bridge Welding Code" 01.5.

When matching strength is required, and color match and corrosion resistance are not important, E70, E80, E90, E100 or E110 low-hydrogen electrodes may be used. These electrodes also work for the underlying passes in multiple-pass welds.

2.5 SHOP PRIMER

Not used.

2.6 GALVANIZING

Connection elements (bolts, connection brackets, etc) shall be galvanized in accordance with ASTM A 153/A 153M.

2.7 FABRICATION

2.7.1 Markings

Prior to erection, members shall be identified by a painted erection mark. Connecting parts assembled in the shop for reaming holes in field connections shall be match marked with scratch and notch marks. Do not locate erection markings on areas to be welded. Do not locate match markings in areas that will decrease member strength or cause stress concentrations.

2.7.2 Cleaning

SSPC SP 6, Maintain steel surfaces free from rust, dirt, oil, grease, and other contaminants through final assembly.

2.8 DRAINAGE HOLES

Adequate drainage holes shall be drilled to eliminate water traps. Hole diameter shall be 1/2 inch and location shall be indicated on the detail drawings. Hole size and location shall not affect the structural integrity.

PART 3 EXECUTION

3.1 FABRICATION

Fabrication shall be in accordance with the applicable provisions of AISC 316.

Splices not indicated require the approval of the Contracting Officer.

3.2 ERECTION

Erection of structural steel shall be in accordance with the applicable provisions of AISC 316 or endorsement F of AISC FCD. Erection plan shall be reviewed, stamped and sealed by a licensed structural engineer.

Provide for drainage in structural steel. After final positioning of steel members, provide full bearing under base plates and bearing plates using nonshrink grout. Place nonshrink grout in accordance with the manufacturer's instructions.

3.2.1 STORAGE

Material shall be stored out of contact with the ground in such manner and location as will minimize deterioration.

3.3 CONNECTIONS

Except as modified in this section, connections not detailed shall be designed in accordance with AISC 360. Build connections into existing work. Do not tighten anchor bolts set in concrete with impact torque wrenches. Punch, subpunch and ream, or drill bolt holes perpendicular to the surface of the member. Holes shall not be cut or enlarged by burning. Bolts, nuts, and washers shall be clean of dirt and rust, and lubricated immediately prior to installation.

3.3.1 Common Grade Bolts

ASTM A 325 bolts shall be tightened to a "snug tight" fit. "Snug tight" is the tightness that exists when plies in a joint are in firm contact. If firm contact of joint plies cannot be obtained with a few impacts of an impact wrench, or the full effort of a man using a spud wrench, contact the Contracting Officer for further instructions.

3.4 GAS CUTTING

Use of gas-cutting torch in the field for correcting fabrication errors will not be permitted on any major member in the structural framing. Use of a gas cutting torch will be permitted on minor members not under stress only after approval has been obtained from the COR.

3.5 WELDING

AWS D1.1, except as follows.

Use only shielded metal arc welding and low hydrogen electrodes for ASTM A 514 steel. Do not stress relieve ASTM A 514 steel by heat treatment.

Conform to suggestions on minimum preheat that are contained in the latest revisions of ANSI/AWS "Structural Welding Code" 01.1 and the ANSI/AASHTO/AWS "Bridge Welding Code" 01.5. When matching strength is required, and color match and corrosion resistance are not important, E70, E80, E90, E100 or E110 low-hydrogen electrodes may be used. These electrodes also work for the underlying passes in multiple-pass welds. However, when color match and corrosion resistance are important, appropriate alloy electrodes must be used for the final two exposed top layers. Welding shall be consistent with AWS recommended procedures including adequate edge preparation and preheating, the selection of proper flux (when applicable) and the use of properly dried, low-hydrogen electrodes and fluxes.

Grind exposed welds smooth as indicated. Provide AWS D1.1 qualified welders, welding operators, and tackers.

The Contractor shall develop and submit the Welding Procedure Specifications (WPS) for all welding, including welding done using prequalified procedures. Prequalified procedures may be submitted for information only; however, procedures that are not prequalified shall be submitted for approval.

3.5.1 Removal of Temporary Welds, Run-Off Plates, and Backing Strips

Remove only from finished areas.

3.6 SHOP PRIMER REPAIR

Not used.

3.7 GALVANIZING REPAIR

Provide as indicated or specified. Galvanize after fabrication where practicable. Repair damage to galvanized coatings using ASTM A 780 zinc rich paint for galvanizing damaged by handling, transporting, cutting, welding, or bolting. Do not heat surfaces to which repair paint has been applied.

3.8 FIELD QUALITY CONTROL

Perform field tests, and provide labor, equipment, and incidentals required for testing. The COR shall be notified in writing of defective welds, bolts, nuts, and washers within 7 working days of the date of weld inspection.

3.8.1 Welds

3.8.1.1 Visual Inspection

AWS D1.1. Furnish the services of AWS-certified welding inspectors for fabrication and erection inspection and testing and verification inspections. Welding inspectors shall visually inspect and mark welds, including fillet weld end returns.

3.8.1.2 Nondestructive Testing

AWS D1.1. Test locations shall be as indicated. If more than 20 percent of welds made by a welder contain defects identified by testing, then all welds made by that welder shall be tested by radiographic or ultrasonic testing, as approved by the COR. When all welds made by an individual welder are required to be tested, magnetic particle testing shall be used. Retest defective areas after repair.

Testing frequency: Provide for 5-10 percent of welds or joints, or every 500 linear feet of fence fabrication, whichever is greater. Testing frequency will be increased if visual inspections reveal that welds are suspect.

Nondestructive testing shall be performed by AWS-certified inspectors only.

3.8.2 Testing for Embrittlement

ASTM A 143 for steel products hot-dip galvanized after fabrication.

-- End of Section -

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SECTION 31 00 00

EARTHWORK
08/08

PART 1 GENERAL

1.1 PAYMENT PROCEDURES

Earthwork will not be paid as a separate line item. The contractor shall include earthwork costs in the appropriate line item on the Price Schedule.

Payment will constitute full compensation for all labor, equipment, tools, supplies, and incidentals necessary to complete the work.

1.1.1 Authorized Overhaul

The number of station-yards of overhaul to be paid for will be the product of number of cubic yards of overhaul material measured in the original position, multiplied by the overhaul distance measured in stations of 100 feet.

1.2 CRITERIA FOR BIDDING

Base bids on the following criteria:

- a. Surface elevations are as indicated.
- b. Pipes or other artificial obstructions, except those indicated, will not be encountered.
- c. Ground water elevations indicated by the boring log were those existing at the time subsurface investigations were made and do not necessarily represent ground water elevation at the time of construction.
- d. Material character is indicated by the boring logs.

1.3 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
(AASHTO)

AASHTO T 180	(2010) Standard Method of Test for Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop
AASHTO T 224	(2010) Standard Method of Test for Correction for Coarse Particles in the Soil Compaction Test

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ASTM INTERNATIONAL (ASTM)

ASTM C136	(2006) Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM D 1140	(2000; R 2006) Amount of Material in Soils Finer than the No. 200 (75-micrometer) Sieve
ASTM D 1557	(2009) Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³) (2700 kN-m/m ³)
ASTM D 1883	(2007e2) CBR (California Bearing Ratio) of Laboratory-Compacted Soils
ASTM D 2434	(1968; R 2006) Permeability of Granular Soils (Constant Head)
ASTM D 2487	(2011) Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D 422	(1963; R 2007) Particle-Size Analysis of Soils
ASTM D 4318	(2010) Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D 6938	(2010) Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)
ASTM D 698	(2007e1) Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/cu. ft. (600 kN-m/cu. m.))

U.S. ARMY CORPS OF ENGINEERS (USACE)

EM 385-1-1	(2008; Errata 1-2010; Changes 1-3 2010; Changes 4-6 2011) Safety and Health Requirements Manual
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U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

EPA 600/4-79/020	(1983) Methods for Chemical Analysis of Water and Wastes
EPA SW-846.3-3	(1999, Third Edition, Update III-A) Test Methods for Evaluating Solid Waste: Physical/Chemical Methods

1.4 DEFINITIONS

1.4.1 Satisfactory Materials

Satisfactory materials comprise any materials classified by ASTM D 2487 as

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GW, GP, GM, GP-GM, GW-GM, GC, GP-GC, GM-GC, SW, SP, SM, SW-SM, SC, SW-SC, SP-SM, SP-SC, CL, ML, CL-ML. Satisfactory materials for grading comprise stones less than 8 inches, except for fill material for pavements and railroads which comprise stones less than 3 inches in any dimension.

1.4.2 Unsatisfactory Materials

Materials which do not comply with the requirements for satisfactory materials are unsatisfactory. Unsatisfactory materials also include man-made fills; trash; refuse; backfills from previous construction; and material classified as satisfactory which contains root and other organic matter or frozen material. Notify the Contracting Officer when encountering any contaminated materials.

1.4.3 Cohesionless and Cohesive Materials

Cohesionless materials include materials classified in ASTM D 2487 as GW, GP, SW, and SP. Cohesive materials include materials classified as GC, SC, ML, CL, MH, and CH. Materials classified as GM and SM will be identified as cohesionless only when the fines are nonplastic. Perform testing, required for classifying materials, in accordance with ASTM D 4318, ASTM C136, ASTM D 422, and ASTM D 1140.

1.4.4 Degree of Compaction

Degree of compaction required, except as noted in the second sentence, is expressed as a percentage of the maximum density obtained by the test procedure presented in ASTM D 1557 abbreviated as a percent of laboratory maximum density. Since ASTM D 1557 applies only to soils that have 30 percent or less by weight of their particles retained on the 3/4 inch sieve, express the degree of compaction for material having more than 30 percent by weight of their particles retained on the 3/4 inch sieve as a percentage of the maximum density in accordance with AASHTO T 180 and corrected with AASHTO T 224. To maintain the same percentage of coarse material, use the "remove and replace" procedure as described in NOTE 8 of Paragraph 7.2 in AASHTO T 180.

1.4.5 Topsoil

Material suitable for topsoils obtained from excavations is defined as: Natural, friable soil representative of productive, well-drained soils in the area, free of subsoil, stumps, rocks larger than one inch diameter, brush, weeds, toxic substances, and other material detrimental to plant growth. Amend topsoil pH range to obtain a pH of 5.5 to 7.

1.4.6 Hard/Unyielding Materials

Hard/Unyielding materials comprise weathered rock, dense consolidated deposits, or conglomerate materials which are not included in the definition of "rock" dimension as defined by the pipe manufacturer. These materials usually require the use of heavy excavation equipment, ripper teeth, or jack hammers for removal.

1.4.7 Rock

Solid homogeneous interlocking crystalline material with firmly cemented, laminated, or foliated masses or conglomerate deposits, neither of which can be removed without systematic drilling and blasting, drilling and the use of expansion jacks or feather wedges, or the use of backhoe-mounted

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pneumatic hole punchers or rock breakers. Removal of hard material will not be considered rock excavation because of intermittent drilling and blasting that is performed merely to increase production.

1.4.8 Unstable Material

Unstable materials are too wet to properly support the utility pipe, conduit, or appurtenant structure.

1.4.9 Select Granular Material

1.4.9.1 General Requirements

Select granular material consist of materials classified as GW, by ASTM D 2487 where indicated. The liquid limit of such material must not exceed 35 percent when tested in accordance with ASTM D 4318. The plasticity index must not be greater than 15 percent when tested in accordance with ASTM D 4318, and not more than 35 percent by weight may be finer than No. 200 sieve when tested in accordance with ASTM D 1140. Provide a minimum coefficient of permeability of 0.002 feet per minute when tested in accordance with ASTM D 2434.

1.4.9.2 California Bearing Ratio Values

Bearing Ratio: At 0.1 inch penetration, provide a bearing ratio of 20 percent at 95 percent ASTM D 1557 maximum density as determined in accordance with ASTM D 1883 for a laboratory soaking period of not less than 4 days. Conform the combined material to the following sieve analysis:

<u>Sieve Size</u>	<u>Percent Passing by Weight</u>
1 inches	100
No. 3/4 inches	80 - 100
No. 3/8 inches	60 - 80
No. 4	40 - 60
No. 8	28 - 48
No. 16	20 - 36
No. 30	14 - 26
No. 50	10 - 22
No. 100	9 - 17
No. 200	8 - 15

1.4.10 Initial Backfill Material

Initial backfill consists of select granular material or satisfactory materials free from rocks 3 inches or larger in any dimension or free from rocks of such size as recommended by the pipe manufacturer, whichever is smaller. When the pipe is coated or wrapped for corrosion protection, free the initial backfill material of stones larger than 3 inches in any dimension or as recommended by the pipe manufacturer, whichever is smaller.

1.4.11 Expansive Soils

Expansive soils are defined as soils that have a plasticity index equal to or greater than 15 when tested in accordance with ASTM D 4318.

1.5 SYSTEM DESCRIPTION

Subsurface soil boring logs are located in the geotechnical report. These

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data represent the best subsurface information available; however, variations may exist in the subsurface between boring locations.

1.5.1 Classification of Excavation

No consideration will be given to the nature of the materials, and all excavation will be designated as unclassified excavation. Finish the specified excavation on a classified basis, in accordance with the following designations and classifications.

1.5.2 Blasting

Perform blasting in accordance with EM 385-1-1 and in conformance with Federal, State, and local safety regulations. Submit notice 15 days prior to starting work. Submit a Blasting Plan, prepared and sealed by a registered professional engineer that includes calculations for overpressure and debris hazard. Provide blasting mats and use the non-electric blasting caps. Obtain written approval prior to performing any blasting and notify the Contracting Officer 24 hours prior to blasting. Include provisions for storing, handling and transporting explosives as well as for the blasting operations in the plan. The Contractor is responsible for damage caused by blasting operations.

1.5.3 Dewatering Work Plan

Submit procedures for accomplishing dewatering work.

1.6 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Shoring; G
Dewatering Work Plan; G
Blasting; G

Submit 15 days prior to starting work.

SD-03 Product Data

Utilization of Excavated Materials; G
Rock Excavation
Opening of any Excavation or Borrow Pit
Shoulder Construction

Procedure and location for disposal of unused satisfactory material. Proposed source of borrow material. Notification of encountering rock in the project. Advance notice on the opening of excavation or borrow areas. Advance notice on shoulder construction for rigid pavements.

SD-06 Test Reports

Testing

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Borrow Site Testing

Within 24 hours of conclusion of physical tests, 2 copies of test results, including calibration curves and results of calibration tests. Results of testing at the borrow site.

SD-07 Certificates

Testing

Qualifications of the Corps validated commercial testing laboratory or the Contractor's validated testing facilities.

PART 2 PRODUCTS

2.1 REQUIREMENTS FOR OFFSITE SOILS

Test offsite soils brought in for use as backfill for Total Petroleum Hydrocarbons (TPH), Benzene, Toluene, Ethyl Benzene, and Xylene (BTEX) and full Toxicity Characteristic Leaching Procedure (TCLP) including ignitability, corrosivity and reactivity. Determine TPH concentrations by using EPA 600/4-79/020 Method 418.1. Determine BTEX concentrations by using EPA SW-846.3-3 Method 5030/8020. Perform TCLP in accordance with EPA SW-846.3-3 Method 1311. Provide Borrow Site Testing for TPH, BTEX and TCLP from a composite sample of material from the borrow site, with at least one test from each borrow site. Within 24 hours of conclusion of physical tests, submit 2 copies of test results, including calibration curves and results of calibration tests. Do not bring material onsite until tests have been approved by the Contracting Officer.

2.2 BURIED WARNING AND IDENTIFICATION TAPE

Provide metallic core or metallic-faced, acid- and alkali-resistant, polyethylene plastic warning tape manufactured specifically for warning and identification of buried utility lines. Provide tape on rolls, 3 inches minimum width, color coded as specified below for the intended utility with warning and identification imprinted in bold black letters continuously over the entire tape length. Warning and identification to read, "CAUTION, BURIED (intended service) LINE BELOW" or similar wording. Provide permanent color and printing, unaffected by moisture or soil.

Warning Tape Color Codes

Red:	Electric
Yellow:	Gas, Oil; Dangerous Materials
Orange:	Telephone and Other Communications
Blue:	Water Systems
Green:	Sewer Systems
White:	Steam Systems
Gray:	Compressed Air

2.2.1 Warning Tape for Metallic Piping

Provide acid and alkali-resistant polyethylene plastic tape conforming to the width, color, and printing requirements specified above, with a minimum thickness of 0.003 inch and a minimum strength of 1500 psi lengthwise, and 1250 psi crosswise, with a maximum 350 percent elongation.

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2.2.2 Detectable Warning Tape for Non-Metallic Piping

Provide polyethylene plastic tape conforming to the width, color, and printing requirements specified above, with a minimum thickness of 0.004 inch, and a minimum strength of 1500 psi lengthwise and 1250 psi crosswise. Manufacture tape with integral wires, foil backing, or other means of enabling detection by a metal detector when tape is buried up to 3 feet deep. Encase metallic element of the tape in a protective jacket or provide with other means of corrosion protection.

2.3 DETECTION WIRE FOR NON-METALLIC PIPING

Insulate a single strand, solid copper detection wire with a minimum of 12 AWG.

2.4 MATERIAL FOR RIP-RAP

Provide Bedding material, Filter fabric and rock conforming to these requirements for construction indicated.

2.4.1 Bedding Material

Provide bedding material consisting of sand, gravel, or crushed rock, well graded, or poorly graded with a maximum particle size of 2 inches. Compose material of tough, durable particles. Allow fines passing the No. 200 standard sieve with a plasticity index less than six.

2.4.2 Rock

Provide rock fragments sufficiently durable to ensure permanence in the structure and the environment in which it is to be used. Use rock fragments free from cracks, seams, and other defects that would increase the risk of deterioration from natural causes. Provide fragments sized so that no individual fragment exceeds a weight of 150 pounds and that no more than 10 percent of the mixture, by weight, consists of fragments weighing 2 pounds or less each. Provide rock with a minimum specific gravity of 2.50. Do not permit the inclusion of more than trace 1 percent quantities of dirt, sand, clay, and rock fines.

PART 3 EXECUTION

3.1 STRIPPING OF TOPSOIL

Where indicated or directed, strip topsoil to a depth of 4 inches. Spread topsoil on areas already graded and prepared for topsoil, or transported and deposited in stockpiles convenient to areas that are to receive application of the topsoil later, or at locations indicated or specified. Keep topsoil separate from other excavated materials, brush, litter, objectionable weeds, roots, stones larger than 2 inches in diameter, and other materials that would interfere with planting and maintenance operations. Stockpile in locations indicated or Remove from the site any surplus of topsoil from excavations and gradings.

3.2 GENERAL EXCAVATION

Perform excavation of every type of material encountered within the limits of the project to the lines, grades, and elevations indicated and as specified. Perform the grading in accordance with the typical sections shown and the tolerances specified in paragraph FINISHING. Transport

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satisfactory excavated materials and place in fill or embankment within the limits of the work. Excavate unsatisfactory materials encountered within the limits of the work below grade and replace with satisfactory materials as directed. Include such excavated material and the satisfactory material ordered as replacement in excavation. Dispose surplus satisfactory excavated material not required for fill or embankment in areas approved for surplus material storage or designated waste areas. Dispose unsatisfactory excavated material in designated waste or spoil areas. During construction, perform excavation and fill in a manner and sequence that will provide proper drainage at all times. Excavate material required for fill or embankment in excess of that produced by excavation within the grading limits from the borrow areas indicated or from other approved areas selected by the Contractor as specified.

3.2.1 Ditches, Gutters, and Channel Changes

Finish excavation of ditches, gutters, and channel changes by cutting accurately to the cross sections, grades, and elevations shown on Drawings. Do not excavate ditches and gutters below grades shown. Backfill the excessive open ditch or gutter excavation with satisfactory, thoroughly compacted, material or with suitable stone or cobble to grades shown. Dispose excavated material as shown or as directed, except in no case allow material be deposited a maximum 4 feet from edge of a ditch. Maintain excavations free from detrimental quantities of leaves, brush, sticks, trash, and other debris until final acceptance of the work.

3.2.2 Drainage Structures

Make excavations to the lines, grades, and elevations shown, or as directed. Provide trenches and foundation pits of sufficient size to permit the placement and removal of forms for the full length and width of structure footings and foundations as shown. Clean rock or other hard foundation material of loose debris and cut to a firm, level, stepped, or serrated surface. Remove loose disintegrated rock and thin strata. Do not disturb the bottom of the excavation when concrete or masonry is to be placed in an excavated area. Do not excavate to the final grade level until just before the concrete or masonry is to be placed. Where pile foundations are to be used, stop the excavation of each pit at an elevation 1 foot above the base of the footing, as specified, before piles are driven. After the pile driving has been completed, remove loose and displaced material and complete excavation, leaving a smooth, solid, undisturbed surface to receive the concrete or masonry.

3.2.3 Drainage

Provide for the collection and disposal of surface and subsurface water encountered during construction. Completely drain construction site during periods of construction to keep soil materials sufficiently dry. Construct storm drainage features (ponds/basins) at the earliest stages of site development, and throughout construction grade the construction area to provide positive surface water runoff away from the construction activity or provide temporary ditches, swales, and other drainage features and equipment as required to maintain dry soils. When unsuitable working platforms for equipment operation and unsuitable soil support for subsequent construction features develop, remove unsuitable material and provide new soil material as specified herein. It is the responsibility of the Contractor to assess the soil and ground water conditions presented by the plans and specifications and to employ necessary measures to permit construction to proceed.

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3.2.4 Dewatering

Control groundwater flowing toward or into excavations to prevent sloughing of excavation slopes and walls, boils, uplift and heave in the excavation and to eliminate interference with orderly progress of construction.

3.2.5 Structural Excavation

Ensure that footing subgrades have been inspected and approved by the Contracting Officer prior to concrete placement. Excavate to bottom of pile cap prior to placing or driving piles, unless authorized otherwise by the Contracting Officer. Backfill and compact over excavations and changes in grade due to pile driving operations to 95 percent of ASTM D 698 maximum density.

3.3 SELECTION OF BORROW MATERIAL

Select borrow material to meet the requirements and conditions of the particular fill or embankment for which it is to be used. Obtain borrow material from the borrow areas within the limits of the project site, selected by the Contractor. Unless otherwise provided in the contract, the Contractor is responsible for obtaining the right to procure material, pay royalties and other charges involved, and bear the expense of developing the sources, including rights-of-way for hauling from the owners. Borrow material from approved sources on Government-controlled land may be obtained without payment of royalties. Unless specifically provided, do not obtain borrow within the limits of the project site without prior written approval. Consider necessary clearing, grubbing, and satisfactory drainage of borrow pits and the disposal of debris thereon related operations to the borrow excavation.

3.4 OPENING AND DRAINAGE OF EXCAVATION AND BORROW PITS

Notify the Contracting Officer sufficiently in advance of the opening of any excavation or borrow pit or borrow areas to permit elevations and measurements of the undisturbed ground surface to be taken. Except as otherwise permitted, excavate borrow pits and other excavation areas providing adequate drainage. Transport overburden and other spoil material to designated spoil areas or otherwise dispose of as directed. Provide neatly trimmed and drained borrow pits after the excavation is completed. Ensure that excavation of any area, operation of borrow pits, or dumping of spoil material results in minimum detrimental effects on natural environmental conditions.

3.5 GRADING AREAS

Where indicated, divide work into grading areas within which satisfactory excavated material will be placed in embankments, fills, and required backfills. Do not haul satisfactory material excavated in one grading area to another grading area except when so directed in writing. Place and grade stockpiles of satisfactory and unsatisfactory as specified. Keep stockpiles in a neat and well drained condition, giving due consideration to drainage at all times. Clear, grub, and seal by rubber-tired equipment, the ground surface at stockpile locations; separately stockpile excavated satisfactory and unsatisfactory materials. Protect stockpiles of satisfactory materials from contamination which may destroy the quality and fitness of the stockpiled material. If the Contractor fails to protect the stockpiles, and any material becomes unsatisfactory, remove and replace

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such material with satisfactory material from approved sources.

3.6 FINAL GRADE OF SURFACES TO SUPPORT CONCRETE

Do not excavate to final grade until just before concrete is to be placed. For pile foundations, stop the excavation at an elevation of from 6 to 12 inches above the bottom of the footing before driving piles. After pile driving has been completed, complete the remainder of the excavation to the elevations shown. Only use excavation methods that will leave the foundation rock in a solid and unshattered condition. Roughen the level surfaces, and cut the sloped surfaces, as indicated, into rough steps or benches to provide a satisfactory bond. Protect shales from slaking and all surfaces from erosion resulting from ponding or water flow.

3.7 GROUND SURFACE PREPARATION

3.7.1 General Requirements

Remove and replace unsatisfactory material with satisfactory materials, as directed by the Contracting Officer, in surfaces to receive fill or in excavated areas. Scarify the surface to a depth of 6 inches before the fill is started. Plow, step, bench, or break up sloped surfaces steeper than 1 vertical to 4 horizontal so that the fill material will bond with the existing material. When subgrades are less than the specified density, break up the ground surface to a minimum depth of 6 inches, pulverizing, and compacting to the specified density. When the subgrade is part fill and part excavation or natural ground, scarify the excavated or natural ground portion to a depth of 12 inches and compact it as specified for the adjacent fill.

3.7.2 Frozen Material

Do not place material on surfaces that are muddy, frozen, or contain frost. Finish compaction by sheepsfoot rollers, pneumatic-tired rollers, steel-wheeled rollers, or other approved equipment well suited to the soil being compacted. Moisten material as necessary to provide the moisture content that will readily facilitate obtaining the specified compaction with the equipment used.

3.8 UTILIZATION OF EXCAVATED MATERIALS

Dispose unsatisfactory materials removing from excavations into designated waste disposal or spoil areas. Use satisfactory material removed from excavations, insofar as practicable, in the construction of fills, embankments, subgrades, shoulders, bedding (as backfill), and for similar purposes. Submit procedure and location for disposal of unused satisfactory material. Submit proposed source of borrow material. Do not waste any satisfactory excavated material without specific written authorization. Dispose of satisfactory material, authorized to be wasted, in designated areas approved for surplus material storage or designated waste areas as directed. Clear and grub newly designated waste areas on Government-controlled land before disposal of waste material thereon. Stockpile and use coarse rock from excavations for constructing slopes or embankments adjacent to streams, or sides and bottoms of channels and for protecting against erosion. Do not dispose excavated material to obstruct the flow of any stream, endanger a partly finished structure, impair the efficiency or appearance of any structure, or be detrimental to the completed work in any way.

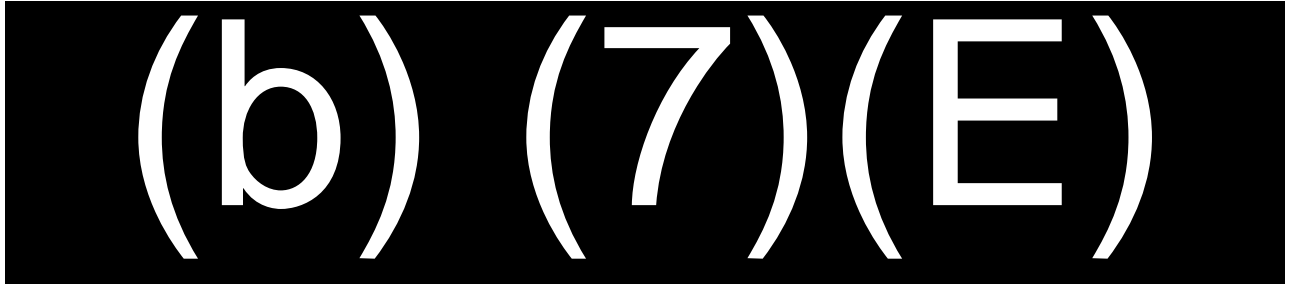
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3.9 BURIED TAPE AND DETECTION WIRE

3.9.1 Buried Warning and Identification Tape

Provide buried utility lines with utility identification tape. Bury tape 12 inches below finished grade; under pavements and slabs, bury tape 6 inches below top of subgrade.

3.9.2 Buried Detection Wire



3.10 BACKFILLING AND COMPACTION

Place backfill adjacent to any and all types of structures, and compact to at least 90 percent laboratory maximum density for cohesive materials or 95 percent laboratory maximum density for cohesionless materials, to prevent wedging action or eccentric loading upon or against the structure. Prepare ground surface on which backfill is to be placed and provide compaction requirements for backfill materials in conformance with the applicable portions of paragraphs GROUND SURFACE PREPARATION. Finish compaction by sheepsfoot rollers, pneumatic-tired rollers, steel-wheeled rollers, vibratory compactors, or other approved equipment.

3.11 SPECIAL REQUIREMENTS

Special requirements for both excavation and backfill relating to the specific utilities are as follows:

3.11.1 Gas Distribution

Excavate trenches to a depth that will provide a minimum 18 inches of cover in rock excavation and a minimum 24 inch of cover in other excavation.

3.11.2 Electrical Distribution System

Provide a minimum cover of 24 inches from the finished grade to direct burial cable and conduit or duct line, unless otherwise indicated.

3.11.3 Rip-Rap Construction

Construct rip-rap on filter fabric in the areas indicated. Trim and dress indicated areas to conform to cross sections, lines and grades shown within a tolerance of 0.1 foot.

3.11.3.1 Stone Placement

Place rock for rip-rap on prepared bedding material to produce a well graded mass with the minimum practicable percentage of voids in conformance with lines and grades indicated. Distribute larger rock fragments, with dimensions extending the full depth of the rip-rap throughout the entire

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mass and eliminate "pockets" of small rock fragments. Rearrange individual pieces by mechanical equipment or by hand as necessary to obtain the distribution of fragment sizes specified above. For grouted rip-rap, hand-place surface rock with open joints to facilitate grouting and do not fill smaller spaces between surface rock with finer material. Provide at least one "weep hole" through grouted rip-rap for every 50 square feet of finished surface. Provide weep holes with columns of bedding material, 4 inches in diameter, extending up to the rip-rap surface without grout.

3.12 EMBANKMENTS

3.12.1 Earth Embankments

Construct earth embankments from satisfactory materials free of organic or frozen material and rocks with any dimension greater than 3 inches. Place the material in successive horizontal layers of loose material not more than 12 inches in depth. Spread each layer uniformly on a soil surface that has been moistened or aerated as necessary, and scarified or otherwise broken up so that the fill will bond with the surface on which it is placed. After spreading, plow, disk, or otherwise break up each layer; moisten or aerate as necessary; thoroughly mix; and compact to at least 90 percent laboratory maximum density for cohesive materials or 95 percent laboratory maximum density for cohesionless materials. Compaction requirements for the upper portion of earth embankments forming subgrade for pavements are identical with those requirements specified in paragraph SUBGRADE PREPARATION. Finish compaction by sheepsfoot rollers, pneumatic-tired rollers, steel-wheeled rollers, vibratory compactors, or other approved equipment.

3.13 SUBGRADE PREPARATION

3.13.1 Proof Rolling

Finish proof rolling on an exposed subgrade free of surface water (wet conditions resulting from rainfall) which would promote degradation of an otherwise acceptable subgrade. Operate the roller truck in a systematic manner to ensure the number of passes over all areas, and at speeds between 2-1/2 to 3-1/2 mph. When proof rolling, provide one-half of the passes made with the roller in a direction perpendicular to the other passes. Notify the Contracting Officer a minimum of 3 days prior to proof rolling. Perform proof rolling in the presence of the Contracting Officer. Undercut rutting or pumping of material as directed by the Contracting Officer and replace with select material.

3.13.2 Construction

Shape subgrade to line, grade, and cross section, and compact as specified. Include plowing, disking, and any moistening or aerating required to obtain specified compaction for this operation. Remove soft or otherwise unsatisfactory material and replace with satisfactory excavated material or other approved material as directed. Excavate rock encountered in the cut section to a depth of 6 inches below finished grade for the subgrade. Bring up low areas resulting from removal of unsatisfactory material or excavation of rock to required grade with satisfactory materials, and shape the entire subgrade to line, grade, and cross section and compact as specified. After rolling, the surface of the subgrade for roadways shall not show deviations greater than 1/2 inch when tested with a 12-foot straightedge applied both parallel and at right angles to the centerline of the area. Do not vary the elevation of the finish subgrade

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more than 0.05 foot from the established grade and cross section.

3.13.3 Compaction

Finish compaction by sheepsfoot rollers, pneumatic-tired rollers, steel-wheeled rollers, vibratory compactors, or other approved equipment. Except for paved areas and railroads, compact each layer of the embankment to at least 95 percent of laboratory maximum density.

3.13.3.1 Subgrade for Pavements

Compact subgrade for pavements to at least 95 percentage laboratory maximum density for the depth below the surface of the pavement shown. When more than one soil classification is present in the subgrade, thoroughly blend, reshape, and compact the top of subgrade.

3.13.3.2 Subgrade for Shoulders

Compact subgrade for shoulders to at least 95 percentage laboratory maximum density for the full depth of the shoulder.

3.14 SHOULDER CONSTRUCTION

Construct shoulders of satisfactory excavated or borrow material or as otherwise shown or specified.. Submit advanced notice on shoulder construction for rigid pavements. Construct shoulders immediately after adjacent paving is complete. In the case of rigid pavements, do not construct shoulders until permission of the Contracting Officer has been obtained. Compact the entire shoulder area to at least the percentage of maximum density as specified in paragraph SUBGRADE PREPARATION above, for specific ranges of depth below the surface of the shoulder. Finish compaction by sheepsfoot rollers, pneumatic-tired rollers, steel-wheeled rollers, vibratory compactors, or other approved equipment. Finish shoulder construction in proper sequence in such a manner that adjacent ditches will be drained effectively and that no damage of any kind is done to the adjacent completed pavement. Align the completed shoulders true to grade and shaped to drain in conformity with the cross section shown.

3.15 FINISHING

Finish the surface of excavations, embankments, and subgrades to a smooth and compact surface in accordance with the lines, grades, and cross sections or elevations shown. Provide the degree of finish for graded areas within 0.1 foot of the grades and elevations indicated except that the degree of finish for subgrades specified in paragraph SUBGRADE PREPARATION. Finish gutters and ditches in a manner that will result in effective drainage. Finish the surface of areas to be turfed from settlement or washing to a smoothness suitable for the application of turfing materials. Repair graded, topsoiled, or backfilled areas prior to acceptance of the work, and re-established grades to the required elevations and slopes.

3.15.1 Subgrade and Embankments

During construction, keep embankments and excavations shaped and drained. Maintain ditches and drains along subgrade to drain effectively at all times. Do not disturb the finished subgrade by traffic or other operation. Protect and maintain the finished subgrade in a satisfactory condition until ballast, subbase, base, or pavement is placed. Do not

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permit the storage or stockpiling of materials on the finished subgrade. Do not lay subbase, base course, ballast, or pavement until the subgrade has been checked and approved, and in no case place subbase, base, surfacing, pavement, or ballast on a muddy, spongy, or frozen subgrade.

3.15.2 Grading Around Structures

Construct areas within 5 feet outside of each building and structure line true-to-grade, shape to drain, and maintain free of trash and debris until final inspection has been completed and the work has been accepted.

3.16 PLACING TOPSOIL

On areas to receive topsoil, prepare the compacted subgrade soil to a 2 inches depth for bonding of topsoil with subsoil. Spread topsoil evenly to a thickness of 1 inch and grade to the elevations and slopes shown. Do not spread topsoil when frozen or excessively wet or dry. Obtain material required for topsoil in excess of that produced by excavation within the grading limits from offsite areas.

3.17 TESTING

Perform testing by a Corps validated commercial testing laboratory or the Contractor's validated testing facility. Submit qualifications of the Corps validated commercial testing laboratory or the Contractor's validated testing facilities. If the Contractor elects to establish testing facilities, do not permit work requiring testing until the Contractor's facilities have been inspected, Corps validated and approved by the Contracting Officer.

a. Determine field in-place density in accordance with ASTM D 6938. ASTM D 6938 results in a wet unit weight of soil in determining the moisture content of the soil when using this method.

b. Check the calibration curves furnished with the moisture gauges along with density calibration checks as described in ASTM D 6938; check the calibration of both the density and moisture gauges at the beginning of a job on each different type of material encountered and at intervals as directed by the Contracting Officer. When test results indicate, as determined by the Contracting Officer, that compaction is not as specified, remove the material, replace and recompact to meet specification requirements.

c. Perform tests on recompacted areas to determine conformance with specification requirements. Appoint a registered professional civil engineer to certify inspections and test results. These certifications shall state that the tests and observations were performed by or under the direct supervision of the engineer and that the results are representative of the materials or conditions being certified by the tests. The following number of tests, if performed at the appropriate time, will be the minimum acceptable for each type operation.

3.17.1 Moisture Contents

In the stockpile, excavation, or borrow areas, perform a minimum of two tests per day per type of material or source of material being placed during stable weather conditions. During unstable weather, perform tests as dictated by local conditions and approved by the Contracting Officer.

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3.17.2 Optimum Moisture and Laboratory Maximum Density

Perform tests for each type material or source of material including borrow material to determine the optimum moisture and laboratory maximum density values. One representative test per 5 cubic yards of fill and backfill, or when any change in material occurs which may affect the optimum moisture content or laboratory maximum density.

3.17.3 Tolerance Tests for Subgrades

Perform continuous checks on the degree of finish specified in paragraph SUBGRADE PREPARATION during construction of the subgrades.

-- End of Section --

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SECTION 31 63 29

DRILLED CONCRETE PIERS AND SHAFTS

05/09

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN CONCRETE INSTITUTE INTERNATIONAL (ACI)

ACI 117	(2010) Specifications for Tolerances for Concrete Construction and Materials and Commentary
ACI 301	(2010) Specifications for Structural Concrete
ACI 304R	(2000; R 2009) Guide for Measuring, Mixing, Transporting, and Placing Concrete
ACI 305R	(2010) Specification for Hot Weather Concreting
ACI 306.1	(1990; R 2002) Standard Specification for Cold Weather Concreting
ACI 318	(2011) Building Code Requirements for Structural Concrete and Commentary
ACI 336.1	(2001) Specification for the Construction of Drilled Piers
ACI SP-66	(2004) ACI Detailing Manual

AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE)

ASCE 7-10	(2010; Change 2010; Change 2011) Minimum Design Loads for Buildings and Other Structures
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AMERICAN WELDING SOCIETY (AWS)

AWS A5.1/A5.1M	(2004) Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding
AWS D1.1/D1.1M	(2010) Structural Welding Code - Steel
AWS D1.4/D1.4M	(2011) Structural Welding Code - Reinforcing Steel

ASTM INTERNATIONAL (ASTM)

ASTM A615/A615M	(2009b) Standard Specification for
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	Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
ASTM A82/A82M	(2007) Standard Specification for Steel Wire, Plain, for Concrete Reinforcement
ASTM C143/C143M	(2010) Standard Test Method for Slump of Hydraulic-Cement Concrete
ASTM C150/C150M	(2011) Standard Specification for Portland Cement
ASTM C172	(2010) Standard Practice for Sampling Freshly Mixed Concrete
ASTM C31/C31M	(2010) Standard Practice for Making and Curing Concrete Test Specimens in the Field
ASTM C39/C39M	(2010) Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
ASTM C94/C94M	(2011a) Standard Specification for Ready-Mixed Concrete

CONCRETE REINFORCING STEEL INSTITUTE (CRSI)

CRSI 10MSP	(2009; 28th Ed) Manual of Standard Practice
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U.S. FEDERAL HIGHWAY ADMINISTRATION (FHWA)

FHWA IF-99-025	(2000) Drilled Shafts: Construction Procedures and Design Methods (with Errata Sheet)
FHWA IP-84-11	(1984) Handbook on Design and Construction of Drilled Shafts Under Lateral Load

U.S. NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

29 CFR 1926.501	Duty to Have Fall Protection
29 CFR 1926.502	Fall Protection Systems Criteria and Practices
29 CFR 1926.651	Specific Excavation Requirements

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Installation drawings are to include, but not limited to, the following items indicating a completely dimensioned layout and

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location of drilled shafts and concrete placement for foundation system:

Drilled shaft diameters
Depth of test holes
Top and Bottom of shaft elevations
Steel Reinforcement
Anchor bolt locations
Accessories

SD-05 Design Data

As applicable submit the following:

Applicable Building code criteria for the geographic area where the excavation will take place
Casing description

Submit Mix design data in accordance with the paragraph entitled, "Ready-Mix Concrete".

SD-06 Test Reports

Submit test reports in accordance with the test described in paragraph entitled, "Field Testing" for the following items:

Soils Report
Ground Water conditions
Load Test
Penetration Test
Slump
Concrete
Compressive Strength

SD-07 Certificates

Submit certificates for the following items showing conformance with referenced standards contained in this section:

Bill of Lading for "Ready-Mix Concrete" deliveries
Steel Reinforcement
Welding Certificates
Excavation and Drilling Equipment

Qualifications of Excavator
Certify that the excavator meets requirements specified under paragraph entitled "Qualifications of Excavation Contractor".

Qualifications of Engineer
Certify that the engineer meets requirements specified under paragraph entitled "Qualifications of Professional Engineer".

1.3 QUALITY ASSURANCE

1.3.1 General

Install Drilled Shaft Foundations in accordance with applicable requirements as described by ACI 336.1 "Reinforced Specifications for the Construction of Drilled Piers", ADSC "Standards and Specifications for the

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Foundation Drilling Industry", FHWA IF-99-025 "Drilled Shafts: Construction Procedures and Design Methods" and FHWA IP-84-11 "Handbook on Design and Construction of Drilled Shafts under Lateral Load".

Submit design data for the following:

- a. Drilled shaft foundation design analysis to include, but not limited to the following:
 - (1) Casing description
- b. Mix design data in accordance with the paragraph entitled, "Ready-Mix Concrete", accompanied by the Bill of Lading for Ready Mix Concrete deliveries.

1.3.2 Sequencing and Scheduling

Submit a detailed installation plan describing the schedule for drilling and/or excavation, installation of steel reinforcement and concrete placement with anticipated site conditions so that each excavated shaft is poured the same day that the drilling is performed.

Submit detailed shop drawings for the following:

- a. Drilled shaft diameters
- b. Depth of test holes
- c. Top and Bottom of shaft elevations
- d. Steel Reinforcement
- e. Anchor bolt locations
- f. Accessories

1.3.3 Drilling and Excavation Equipment

Provide drilling and excavation equipment having adequate capacity, including but not limited to, power, torque and down thrust to excavate a hole of diameter and depth indicated. Also provide excavation and over-reaming tools of adequate design, size and strength to perform the work indicated.

Provide special drilling equipment including, but not limited to, rock core barrels, rock tools, air tools and other equipment as necessary to construct the shaft excavation to the size and depth indicated when materials encountered can not be drilled using earth augers and/or over-reaming tools.

Submit certificates substantiating appropriate selection of excavation and drilling equipment.

1.3.4 Construction Criteria

Provide and install monolithically cast-in-place concrete drilled shaft foundation to the sizes indicated.

Provide and install straight cylindrical shaft foundation of the type

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indicated.

Tolerances:

- a. Maximum variation of the center of any shaft foundation from the required location: 3 inches, measured at the ground surface.
- b. Bottom Diameter: Minus zero, plus 6 inches, measured in any direction.
- c. Maximum variation from plumb: 1:40.
- d. Maximum bottom level: Plus or minus 2 inches.

1.3.5 Inspection Criteria

Inspection activities should be designed to minimize delays while insuring the intent of the Industry Standard Specifications.

Provide equipment for checking the dimensions and alignment of each shaft excavation. Determine dimensions and alignment jointly with the contractor and engineer. Measure final shaft depths with appropriate weighted tape measure or other approved method after cleaning.

A minimum of 50 percent of the base for each shaft is to be less than 1/2 inch of sediment at the time of concrete placement. Maximum depth of sediment or debris at any place on the base of the shaft is not to exceed 1-1/2 inches. Shaft cleanliness is to be determined by the engineer by visual inspection.

1.3.6 Qualification of Excavation Contractor

An experienced excavator with five (5) years experience and licensed in the State of Arizona who has specialized in excavating and installing work similar in material, design, and extent to that indicated for this Project. Submit certificates substantiating the Qualifications of Excavator.

1.3.7 Qualification of Professional Engineer

Provide engineering services by an authorized engineer; currently licensed in the State of Arizona, having a minimum of four (4) years experience as an engineer knowledgeable in drilled shaft foundation design analysis, protocols and procedures for the ACI 336.1, FHWA IF-99-025, FHWA IP-84-11; ASCE 7-10 and the 2012 International Building Code. Submit certificates substantiating the Qualifications of Engineer.

1.3.8 Welding Qualifications

Provide and maintain qualified procedures and personnel according to AWS D1.1/D1.1M, AWS D1.4/D1.4M, AWS A5.1/A5.1M "Carbon Steel Electrodes for Shielded Metal Arc Welding", and "Structural Welding Code--Steel". Submit Welding Certificates. Submit Welding Certificates to the Contracting Officer.

1.3.9 Pre-Construction Conference

After submittals are received and approved but before drilled shaft excavation and foundation work, including associated work, is performed, the Contracting Officer will hold a pre-construction conference to review the following:

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- a. The drawings, specifications and the geotechnical report.
- b. Finalize construction schedule and verify availability of materials, Excavator's personnel, equipment, and facilities needed to make progress and avoid delays.
- c. Methods and procedures related to drilled shaft foundation installation, including engineer's written instructions.
- d. Support conditions for compliance with requirements, including alignment between foundation system and erection of structural members.
- e. Governing regulations and requirements for, certificates, insurance, tests and inspections if applicable.
- f. Temporary protection requirements for foundation assembly during and after installation.

1.4 PROJECT CONDITIONS

1.4.1 Existing Conditions

Locate existing underground utilities before excavating drilled shaft foundations. If existing utilities are to remain in place, provide protection during drilled shaft operations.

1.4.2 Interruption of Existing Utilities

Do not interrupt any utility to occupied facilities unless directed in writing by the Contracting Officer.

1.4.3 Weather Limitations

Proceed with installation preparation only when existing and forecasted weather conditions permit Work to proceed without water entering into the area of excavation.

PART 2 PRODUCTS

2.1 STEEL REINFORCEMENT

2.1.1 Deformed Steel Bars

Steel bars conforming to ASTM A615/A615M, Grade 60 ksi and ACI 318.

2.1.2 Plain Steel Wire

Steel wire conforming to ASTM A82/A82M.

2.2 READY-MIX CONCRETE

Ready-Mix Concrete and Mix Design conforming to ACI 117, ACI 301, and ACI 304R, minimum compressive strength 4,000 psi at 28 days. Slump to be between 5 to 6 inches, according to ASTM C143/C143M.

Portland cements conforming to ASTM C150/C150M, Type II; provide one brand and type of cement for formed concrete having exposed to view finished surfaces.

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Potable water conforming to ASTM C94/C94M.

Measure, batch, mix and deliver concrete according to ASTM C94/C94M and furnish batch ticket information.

PART 3 EXECUTION

3.1 PREPARATION

Protect existing structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, vibration, and other hazards created by drilled shaft foundation operations.

Provide Fall Protection as required by 29 CFR 1926.501, 29 CFR 1926.502 and 29 CFR 1926.651.

3.2 REQUIRED TEST REPORTS

As a minimum, submit the following test reports and data.

Ground Water conditions

- b. Load Test
- c. Penetration Test
- d. Slump
- e. Concrete
- f. Compressive Strength

3.3 EXCAVATION

Excavation of shaft foundations to be accomplished by standard excavation methods including, but not limited to, conventional augers fitted with soil and/or rock teeth, or under-reaming tools attached to drilling equipment of adequate size, power, torque and down thrust necessary for the work.

Excavation is to be performed through whatever materials that are encountered to the dimensions, depths and applicable ACI 336.1 tolerances.

Protect excavated walls with temporary watertight steel casings of sufficient length to prevent water intrusion, cave-ins, displacement of surrounding earth, and injury to personnel and damage to construction operations.

Excavate shafts for drilled foundations to indicated elevations. Remove loose debris, materials and/or muck to make bottom surfaces level within ACI 336.1 tolerances.

Remove water from excavated shaft prior to concrete placement.

3.4 STEEL REINFORCEMENT

Comply with recommendations in the CRSI "Manual of Standard Practice" CRSI 10MSP for fabricating, placing and supporting reinforcement. Shop fabricate steel reinforcement in accordance with ACI SP-66.

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When practicable to deliver the reinforcement cage assembly to the jobsite as a complete unit ready for installation, should it not be possible make remaining connections and/or splices, as indicated on the approved shop drawings, at-grade level prior to lowering the complete assembly into the hole.

Clean reinforcement of loose rust, mill scale, earth and other foreign materials. Do not tack weld crossing reinforcing bars. Set wire ties with ends directed into concrete, not toward exposed concrete surfaces.

Lower reinforcement steel into the hole in such a manner as to prevent damage to the walls of the excavation; place, tie and/or clip cage symmetrically about the axis of the shaft. Use centering devices securely attached to the cage; to clear the shaft walls and to maintain the cage in place throughout the concrete placement operations.

Cooperate with other trades in setting of anchor bolts, inserts, and other embedded items. Where conflicts occur between reinforcing and embedded items, notify the Contracting Officer that conflicts may be reconciled before concrete placement. Anchors and embedded items are to be positioned and supported with appropriate accessories.

Use templates to set anchor bolts, leveling plates and other accessories required for structure erection. Provide blocking and/or holding devices to maintain required anchoring positions during final concrete placement.

3.5 CONCRETE PLACEMENT

Keep all equipment, including but not limited to, mixers, pumps, hoses, tools and screeds clean and free or set concrete throughout the placement operation.

Convey concrete from the mixer to place of deposit by best industry methods that will prevent segregation and loss of material. Size and design the equipment for conveying concrete to ensure uniform, continuous placement of concrete.

Place concrete in accordance with ACI 318.

Place concrete in a continuous operation and without segregation into dry excavations whenever possible after inspection and written approval by the Contracting Officer. Use all practicable means to obtain a dry excavation before and during concrete placement.

Protect freshly placed concrete from premature drying and excessive cold or hot temperatures. When hot weather conditions exist that would impair quality and strength of placed concrete, comply with ACI 305R. Comply with ACI 306.1 for cold-weather protection.

3.6 FIELD TESTING

Sample and test concrete for quality control during placement. Quality control testing is provided by the contract.

Sample freshly placed concrete for testing in accordance with ASTM C172.

Test concrete for compressive strength at 7 and 28 days for each design mix conforming to ASTM C39/C39M and compression testing in accordance with

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ASTM C31/C31M.

Test Slump at plant for reach design mix in accordance with ASTM C143/C143M.

-- End of Section --

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PRE-MANUFACTURED RETAINING WALL SYSTEM
10/12

PART 1 GENERAL

1.1 Pre-Manufactured Retaining Wall System

Work includes furnishing and installing concrete retaining wall units to the lines and grades designated on the construction drawings and as specified herein.

1.2 Reference Standards

ASTM INTERNATIONAL (ASTM)

ASTM C94 Ready-Mixed Concrete

ASTM C1372 Segmental Retaining Wall Units

ASTM C 94 Standard Specification for Ready-Mixed Concrete

1.3 Delivery, Storage, and Handling

- a. Contractor shall check the materials upon delivery to assure proper material has been received.
- b. Contractor shall prevent excessive mud, wet cement and like materials from coming in contact with the SRW units.
- c. Contractor shall protect the materials from damage. Damaged material shall not be incorporated in the project.

PART 2: MATERIALS

2.1 Wall Units

- a. Wall units shall be as produced by a licensed manufacturer.
- b. Wall units shall be made with Ready-Mixed concrete in accordance with ASTM C94, latest revision, and per the following chart:

Climate	Air Content	28 Day Compressive Strength, psi	Slump*
Negligible	1½%-4½%	4000	5" ±1 ½"
Moderate	3%-6%	4000	5" ±1 ½"
Severe	4½%-7½%	4000	5" ±1 ½"

*Higher slumps are allowed if achieved by use of appropriate admixtures. Notwithstanding anything stated above, all material used in the wall units must meet applicable ASTM and local requirements for exterior concrete.

- c. Exterior block dimensions shall be uniform and consistent. Maximum dimensional deviations shall be 1%. Maximum width (face to back) deviation shall be 1.0 inch.
- d. Exposed face shall be smooth form type. Dime-size bug holes on the block face may be patched and/or shake-on color stain can be used to blend into the remainder of the block face.

2.2 Leveling Pad and Free Draining Backfill

- a. Leveling pad shall be crushed stone. See detail sheet defining Leveling Pad options for drain placement in the bottom of the foundation leveling pad.
- b. Free Draining Backfill material shall be washed stone and shall be placed to a minimum of 1' width behind the back of the wall and shall extend vertically from the Leveling Pad to an elevation 4" below the top of wall.
- c. Backfill material shall be approved by the geotechnical engineer. Site excavated soils may be used if approved unless otherwise specified in the drawings. Unsuitable soils with a PL>6, organic soils and frost susceptible soils shall not be used within a 1 to 1 influence area.
- d. Non-woven geotextile cloth shall be placed between the Free Draining Backfill and retained soil if required.
- e. Where additional fill is needed, Contractor shall submit sample and specifications to the Engineer for approval.

2.3 Drainage

- a. Internal and external drainage shall be evaluated by the Professional Engineer who is responsible for the final wall design.

2.4 Geogrid Connection

- a. Fiberglass rod used in the Type 1AT Geo-Grid connection shall be 7/16" diameter. Only fiberglass rod obtained from an authorized pre-manufactured retaining wall supplier shall be used.

PART 3: CONSTRUCTION OF WALL SYSTEM

3.1 Excavation

- a. Contractor shall excavate to the lines and grades shown on the construction drawings.

3.2 Foundation Soil Preparation

- a. Native foundation soil shall be compacted to 95% of standard proctor or 90% of modified proctor prior to placement of the Leveling Pad material.
- b. In-situ foundation soil shall be examined by the Engineer to ensure that the actual foundation soil strength meets or exceeds assumed design strength. Soil not meeting the required strength shall be removed and replaced with acceptable, compacted material.

3.3 Leveling Pad Placement

- a. Leveling Pad shall be placed as shown on the construction drawings.
- b. Leveling Pad shall be placed on undisturbed native soils or suitable replacements fills.
- c. Leveling Pad shall be compacted to 95% of standard proctor or 90% of modified proctor to ensure a level, hard surface on which to place the first course blocks. Pad shall be constructed to the proper elevation to ensure the final elevation shown on the plans.
- d. Leveling Pad shall have a 6 inch minimum depth for walls under 8 feet in height and a 12 inch minimum depth for walls over 8 feet. Pad dimensions shall extend beyond the blocks in all directions to a distance at least equal to the depth of the pad or as designed by Engineer.
- e. For steps and pavers, a minimum of 1" - 1 ½" of free draining sand shall be screeded smooth to act as a placement bed for the steps or pavers.

3.4 Unit Installation

- a. The first course of wall units shall be placed on the prepared Leveling Pad with the aesthetic surface facing out and the front edges tight together. All units shall be checked for level and alignment as they are placed.
- b. Ensure that units are in full contact with Leveling Pad. Proper care shall be taken to develop straight lines and smooth curves on base course as per wall layout.
- c. The backfill in front and back of entire base row shall be placed and compacted to firmly lock them in place. Check all units again for level and alignment. All excess material shall be swept from top of units.
- d. Install next course of wall units on top of base row. Position blocks to be offset from seams of blocks below. Blocks shall be placed fully forward so knob and groove are engaged. Check each block for proper alignment and level. Backfill to 12 inch width behind block with Free Draining Backfill. Spread backfill in uniform lifts not exceeding 9 inches. Employ methods using lightweight compaction equipment that will not disrupt the stability or batter of the wall. Hand-operated plate compaction equipment shall be used around the block and within 3 feet of the wall to achieve consolidation. Compact backfill to 95% of standard proctor (ASTM D 698, AASHTO T-99) density within 2% of its optimum moisture content.
- e. Install each subsequent course in like manner. Repeat procedure to the extent of wall height.
- f. Allowable construction tolerance at the wall face is 2 degrees vertically and 1 inch in 10 feet horizontally.

- g. All walls shall be installed in accordance with local building codes and requirements.

3.5 Geogrid Installation

- a. See Wall Installation instructions.

-- End of Section --

APPENDIX D

GEOTECHNICAL TESTING RESULTS

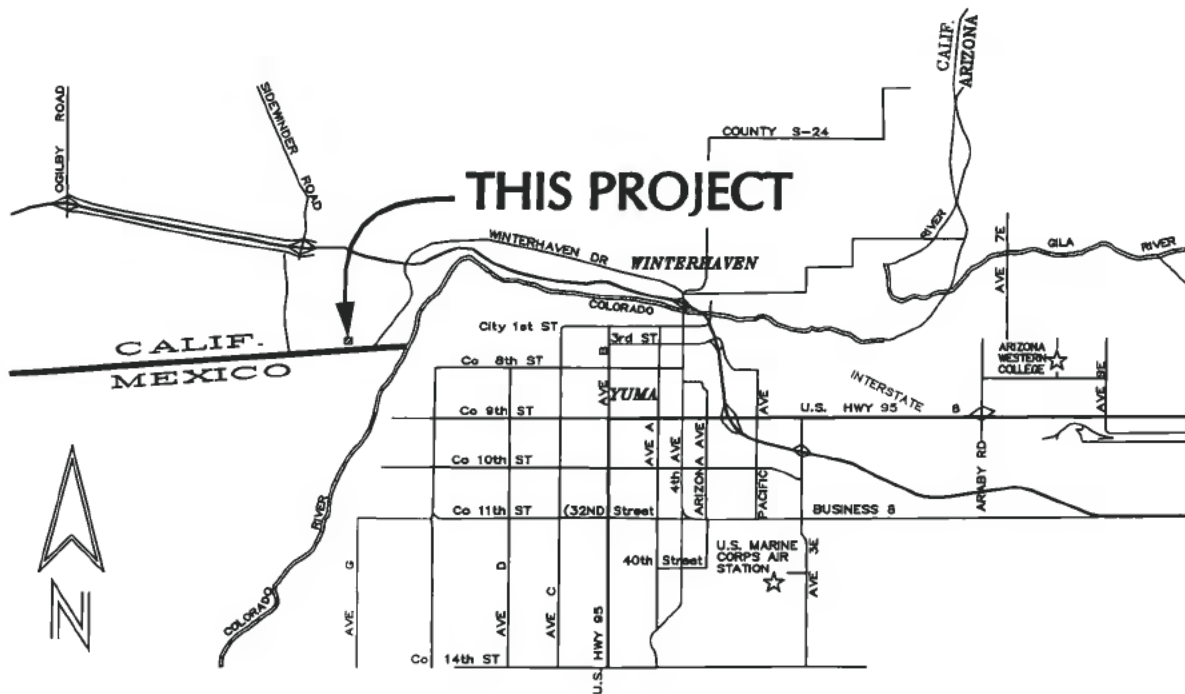


PLATE A

VICINITY MAP
C-1 FENCE REPAIR
JOB NO. 12GC012



1851 West 24th Street P.O. Box 6029
 YUMA, ARIZONA 86406-6029 (928) 344-8374
 Email: ne@neicorp.com



THIS PROJECT

PLATE B

LOCATION MAP

C-1 FENCE REPAIR

JOB NO. 12GC012



1851 West 24th Street P.O. Box 6029
BIRMINGHAM, AL 35202-0029
Phone: (205) 344-8374
Email: ne@neicw.com

LEGEND



BORING LOCATION

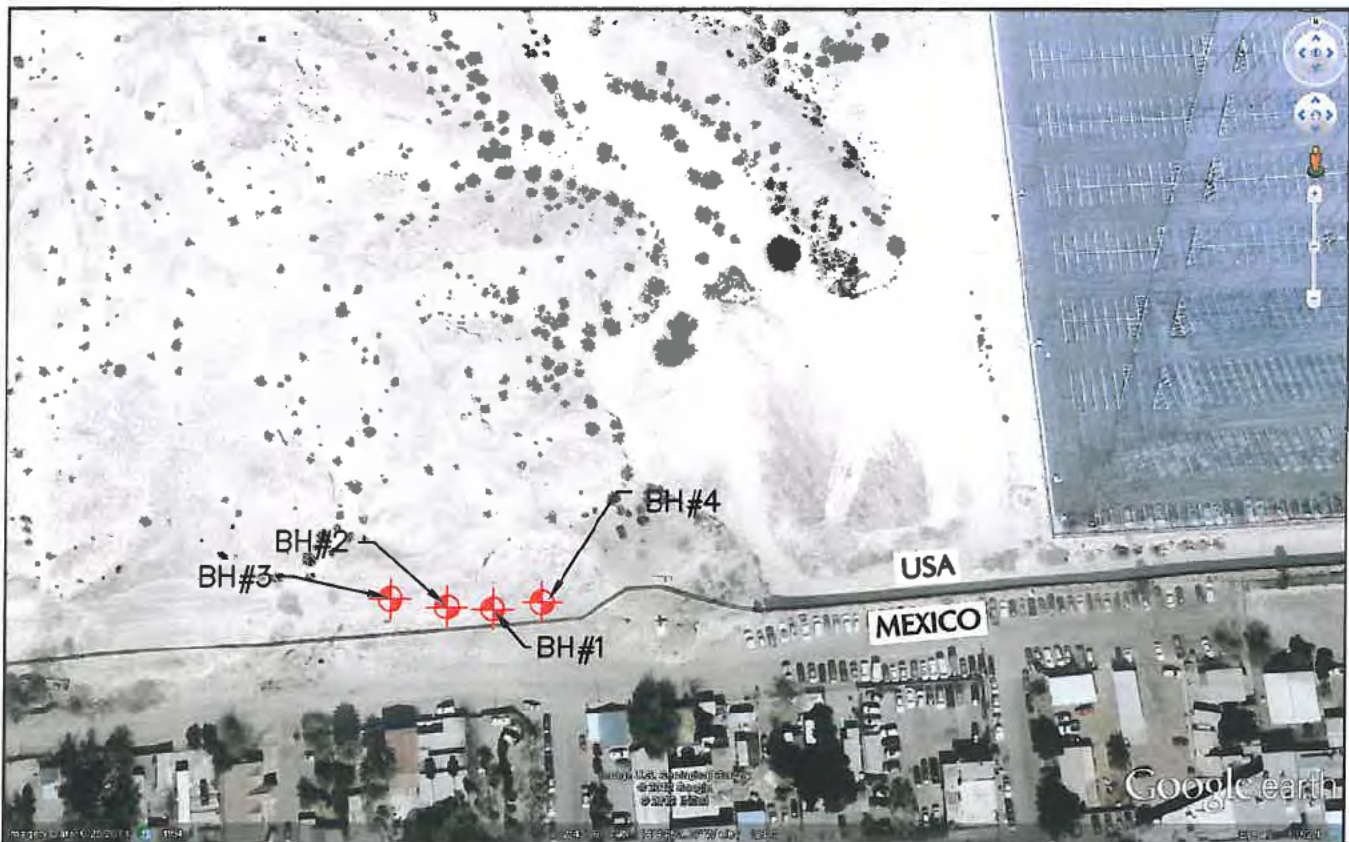


PLATE C

BORING LOCATION MAP

C-1 FENCE REPAIR

JOB NO. 12GC012



GEOTECHNICAL
1861 West 24th Street P.O. Box 6029
YUMA, ARIZONA 85304 (928)344-8374
www.negi.com

BW23 FOIA CE 1002076



Nicklaus Engineering, Inc.
1851 W. 24th St.
Yuma, Arizona 85364
Telephone: 928-344-8374
Fax: 928-726-6994

BORING NUMBER BH-1

PAGE 1 OF 1

CLIENT Michael Baker, Jr., Inc.

PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012

PROJECT LOCATION Winterhaven, CA

DATE STARTED 9/7/12

COMPLETED 9/7/12

GROUND ELEVATION _____

HOLE SIZE 8 inches

DRILLING CONTRACTOR NEI

GROUND WATER LEVELS:

DRILLING METHOD Hollow Stem Auger

▽ AT TIME OF DRILLING 20.00 ft at time of drilling

LOGGED BY GCE

CHECKED BY (b) (6)

AT END OF DRILLING _____

NOTES Boring Location:

(b) (7)(E)

AFTER DRILLING _____

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/26/12 15:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\12GC012\C-1 FENCE REPAIR.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0						
	GB			GM		SILTY GRAVEL WITH SAND, (GM) 51 % gravel, 22 % sand, 27 % fines, light gray, moist, non plastic
5	MC	100	7-7-5 (12)	GM		SILTY GRAVEL WITH SAND, (GM) 47 % gravel, 27 % sand, 26 % fines, light gray, moist, non plastic
10	MC	94	30-45-50 (95)	SP-SM		POORLY GRADED SAND WITH SILT, (SP-SM) 0 % gravel, 92 % sand, 8 % fines, light gray, moist, non plastic
15	MC	56	25-50	SM		SILTY SAND, (SM) 7 % gravel, 67 % sand, 26 % fines, pale brown, moist, non plastic
20	MC	72	13-50-50 (100)	SM		▽ SILTY SAND, (SM) pale brown, saturated, non plastic, visual classification

Bottom of borehole at 21.5 feet.



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BORING NUMBER BH-2

PAGE 1 OF 2

CLIENT Michael Baker, Jr., Inc.

PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012

PROJECT LOCATION Winterhaven, CA

DATE STARTED 9/10/12

COMPLETED 9/10/12

GROUND ELEVATION

HOLE SIZE 6 inches

DRILLING CONTRACTOR Pacific Drilling

GROUND WATER LEVELS:

DRILLING METHOD Hollow Stem Auger

AT TIME OF DRILLING 28.00 ft at time of drilling

LOGGED BY GCE

CHECKED BY (b) (6)

AT END OF DRILLING

NOTES Boring Location: (b) (7)(E)

AFTER DRILLING

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0						
	GB			GM		SILTY GRAVEL, (GM) 84 % gravel, 4 % sand, 12 % fines, pale brown, dry, non plastic
	MC	100	23-24-50 (74)	GM		SILTY GRAVEL WITH SAND, (GM) 53 % gravel, 21 % sand, 26 % fines, light gray, moist, non plastic
5						
	GB			GM		SILTY GRAVEL WITH SAND, (GM) 44 % gravel, 26 % sand, 30 % fines, very light gray, moist, non plastic
						SILTY GRAVEL WITH SAND, (GM) 44 % gravel, 27 % sand, 29 % fines, light gray, moist, non plastic
10						
	SPT	100	7-10-9 (19)	GM		
						SILTY GRAVEL WITH SAND, (GM) 57 % gravel, 17 % sand, 26 % fines, very light gray, moist, non plastic
15						
	MC	56	27-50	GM		
						16.5
				CL		SANDY LEAN CLAY, (CL) 6 % gravel, 42 % sand, 52 % fines, very light gray, moist, low plasticity
20						
	SPT	100	7-16-17 (33)	CL		
						21.5
				SM		SILTY SAND WITH GRAVEL, (SM) 16 % gravel, 59 % sand, 25 % fines, pale brown, moist, non plastic
25						
	SPT	100	6-14-22 (36)	SM		
						26.5
				CL		LEAN CLAY WITH SAND, (CL) 0 % gravel, 26 % sand, 74 % fines, pale brown, moist, low plasticity
30						
	SPT	100	5-7-13 (20)	CL		
						31.5
				SM		SILTY SAND, (SM) 3 % gravel, 84 % sand, 13 % fines, light gray, saturated, non plastic
35						

(Continued Next Page)

BW23 FOIA CBP 003078



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BORING NUMBER BH-3

PAGE 1 OF 2

CLIENT Michael Baker, Jr., Inc.

PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012

PROJECT LOCATION Winterhaven, CA

DATE STARTED 9/10/12

COMPLETED 9/10/12

GROUND ELEVATION

HOLE SIZE 6 inches

DRILLING CONTRACTOR Pacific Drilling

GROUND WATER LEVELS:

DRILLING METHOD Hollow Stem Auger

AT TIME OF DRILLING 28.00 ft at time of drilling

LOGGED BY GCE

CHECKED BY (b) (6)

AT END OF DRILLING

NOTES Boring Location: (b) (7)(E)

AFTER DRILLING

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0						
	GB			GM		SILTY GRAVEL, (GM) 70 % gravel, 12 % sand, 18 % fines, light yellowish brown, dry, non plastic
	GB			GM		SILTY GRAVEL WITH SAND, (GM) 50 % gravel, 22 % sand, 28 % fines, pale brown, moist, non plastic
5						
	MC	100	25-38-42 (80)	GP-GM		POORLY GRADED GRAVEL WITH SILT AND SAND, (GP-GM) 49 % gravel, 41 % sand, 10 % fines, light gray, moist, non plastic
	SPT	17	50			7.5 SILTY GRAVEL WITH SAND, (GM) 50 % gravel, 25 % sand, 25 % fines, pale brown, moist, non plastic
10				GM		
	MC	28	50			SILTY GRAVEL, (GM) 68 % gravel, 13 % sand, 19 % fines, pale brown, moist, non plastic
15				GM		
	SPT	28	50			SILTY GRAVEL WITH SAND, (GM) 47 % gravel, 24 % sand, 29 % fines, pale brown, moist, non plastic
20				GM		
	SPT	100	7-14-17 (31)			22.5 SILTY SAND, (SM) 13 % gravel, 68 % sand, 19 % fines, pale brown, moist, non plastic
25				SM		
	SPT	100	5-7-27 (34)			SILTY SAND, (SM) 4 % gravel, 81 % sand, 15 % fines, pale brown, saturated, non plastic
30				SM		
	SPT	89	15-30-50 (80)	SM		SILTY SAND, (SM) 11 % gravel, 68 % sand, 21 % fines, pale brown, saturated, non plastic
35						

(Continued Next Page)

BW23 FOIA CBP 003080



Nicklaus Engineering, Inc.
1851 W. 24th St.
Yuma, Arizona 85364
Telephone: 928-344-8374
Fax: 928-726-6994

BORING NUMBER BH-3

PAGE 2 OF 2

CLIENT Michael Baker, Jr., Inc.

PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012

PROJECT LOCATION Winterhaven, CA

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
35						
				SM		SILTY SAND, (SM) 11 % gravel, 68 % sand, 21 % fines, pale brown, saturated, non plastic (continued)
40						40.0

Bottom of borehole at 40.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/26/12 15:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\12GC012 C-1 FENCE REPAIR.GPJ



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BORING NUMBER BH-4

PAGE 1 OF 2

CLIENT Michael Baker, Jr., Inc.

PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012

PROJECT LOCATION Winterhaven, CA

DATE STARTED 9/10/12 COMPLETED 9/10/12

GROUND ELEVATION _____ HOLE SIZE 6 inches

DRILLING CONTRACTOR Pacific Drilling

GROUND WATER LEVELS:

DRILLING METHOD Hollow Stem Auger

▽ AT TIME OF DRILLING 20.00 ft at time of drilling

LOGGED BY GCE CHECKED BY (b) (6)

AT END OF DRILLING —

NOTES Boring Location: (b) (7)(E)

AFTER DRILLING —

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/26/12 15:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\12GC012 C-1 FENCE REPAIR.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0						
	GB			GM		SILTY GRAVEL WITH SAND, (GM) 63 % gravel, 15 % sand, 22 % fines, pale brown, dry, non plastic
	MC	67	10-14-14 (28)	GM		SILTY GRAVEL, (GM) 65 % gravel, 14 % sand, 21 % fines, pale brown, moist, non plastic
5				GM		
	SPT	100	15-20-27 (47)	GM		SILTY GRAVEL WITH SAND, (GM) 56 % gravel, 21 % sand, 23 % fines, light gray, moist, non plastic
10				GM		
15	MC	100	18-18-34 (52)	SM		SILTY SAND, (SM) 9 % gravel, 74 % sand, 17 % fines, light gray, moist, non plastic
				SM		
20	SPT	94	14-28-50 (78)	SM		▽ SILTY SAND, (SM) 7 % gravel, 78 % sand, 15 % fines, light gray, saturated, non plastic
				SM		
25	SPT	100	14-23-29 (52)	SP-SM		POORLY GRADED SAND WITH SILT, (SP-SM) 1 % gravel, 91 % sand, 8 % fines, light gray, saturated, non plastic
				SP-SM		
30	SPT	100	21-12-32 (44)	SM		SILTY SAND, (SM) 5 % gravel, 83 % sand, 12 % fines, light gray, saturated, non plastic
				SM		
35						

(Continued Next Page)

BW23 FOIA CBP 003082



Nicklaus Engineering, Inc.
1851 W. 24th St.
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BORING NUMBER BH-4

PAGE 2 OF 2

CLIENT Michael Baker, Jr., Inc.

PROJECT NAME C-1 Fence Repair

PROJECT NUMBER 12GC012

PROJECT LOCATION Winterhaven, CA

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
35						
	X SPT	61	25-50			POORLY GRADED SAND WITH SILT, (SP-SM) 1 % gravel, 89 % sand, 10 % fines, very light gray, saturated, non plastic
				SP-SM		
40						
	X SPT	100	16-21-36 (57)	SM		SILTY SAND, (SM) 15 % gravel, 64 % sand, 21 % fines, very light gray, saturated, non plastic

Bottom of borehole at 41.5 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/26/12 15:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\12GC012 C-1 FENCE REPAIR.GPJ

PRELIMINARY SCREENING FOR CORROSIVITY

Table of General Guidelines

MATERIAL AFFECTED	CHEMICAL AGENT	AMOUNT IN SOIL (PPM)	DEGREE OF CORROSIVITY
CONCRETE	Soluble Sulfates	0 - 1,000	Low
		1,000 - 2,000	Moderate
		2,000 - 20,000	Severe
		>20,000	Very Severe
MATERIAL AFFECTED	CHEMICAL AGENT	AMOUNT IN SOIL (PPM)	DEGREE OF CORROSIVITY
NORMAL GRADE STEEL	Soluble Chlorides	0 - 200	Low
		200 - 700	Moderate
		700 - 1,500	Severe
		>1,500	Very Severe
MATERIAL AFFECTED	CHEMICAL AGENT	AMOUNT IN SOIL (PPM)	DEGREE OF CORROSIVITY
NORMAL GRADE STEEL	Resistivity	1 - 1,000	Very Severe
		1,000 - 2,000	Severe
		2,000 - 10,000	Moderate
		>10,000	Low

Chemical Analysis

SITE DESIGNATION	pH	Resistivity (ohm-cm)	Chloride (ppm)	Sulfate (ppm)
C-1 Border Fence (Borehole #2)	9.34	2,200	80	188

LANDMARK CONSULTANTS, INC.

CLIENT: Gutierrez Canales Engineering

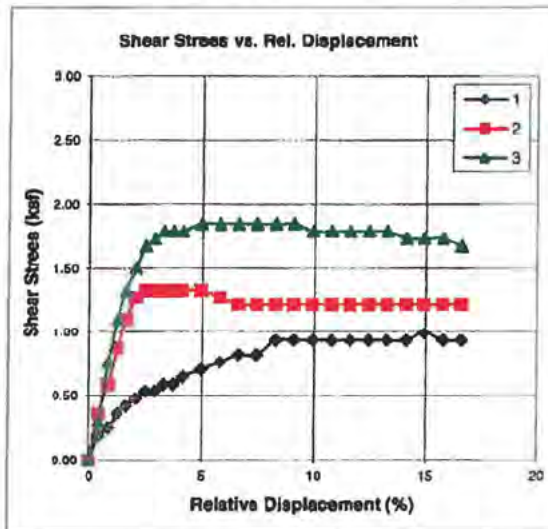
PROJECT: 2012 Material Testing

PROJECT No: LE12002

DATE: 9/14/2012

DIRECT SHEAR TEST - INSITU (ASTM D3080)

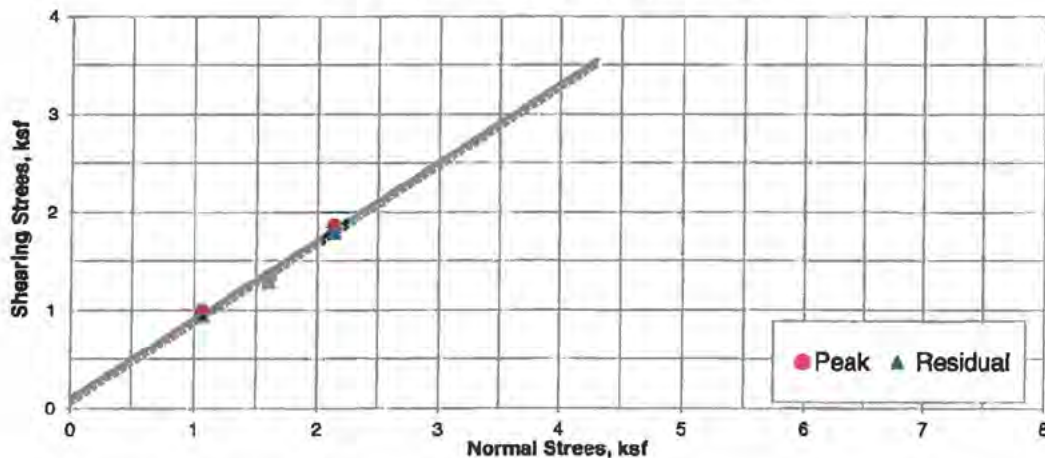
SAMPLE LOCATION: C-1-B @ 2.5-4.0 ft
 SAMPLE DESCRIPTION: Gravely Sand (SP)



Specimen:		1	2	3	Avg.
Initial	Moisture Content, %:	5.3	5.3	5.3	5.3
	Dry Density, pcf:	128.0	128.1	127.7	127.9
	Saturation, %:	48	48	48	
Final	Moisture Content, %:	15.7	14.0	15.2	
	Dry Density, pcf:	123.2	126.5	129.2	
	Saturation, %:	121	120	144	
Normal Stress, ksf:		1.07	1.61	2.15	
Peak Shear Stress, ksf:		0.99	1.33	1.85	
Residual Shear Stress, ksf:		0.93	1.28	1.79	
Deformation Rate, in./min.		0.01	0.01	0.01	

		Peak	Residual	
Angle of Internal Friction, deg.:		39	39	
Cohesion, ksf:		0.10	0.04	

DIRECT SHEAR TEST RESULTS



LANDMARK
 Geo-Engineers and Geologists
 PROJECT No: LE12002

Direct Shear
 Test Results

Plate
 C-1

LANDMARK CONSULTANTS, INC.

CLIENT: Gutierrez Canales Engineering

PROJECT: 2012 Material Testing

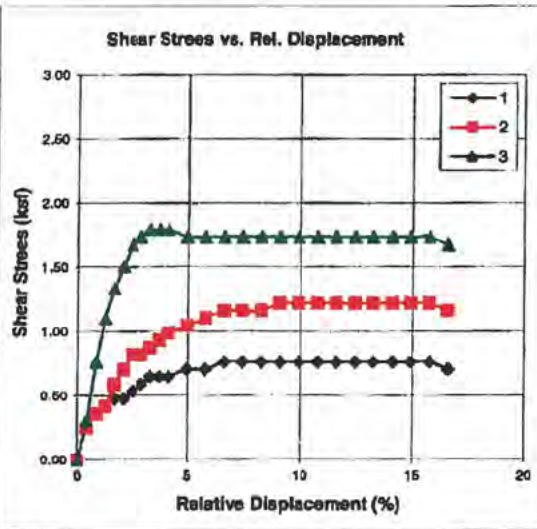
PROJECT No: LE12002

DATE: 9/14/2012

DIRECT SHEAR TEST - INSITU (ASTM D3080)

SAMPLE LOCATION: C-1-C @ 5-6.5 ft

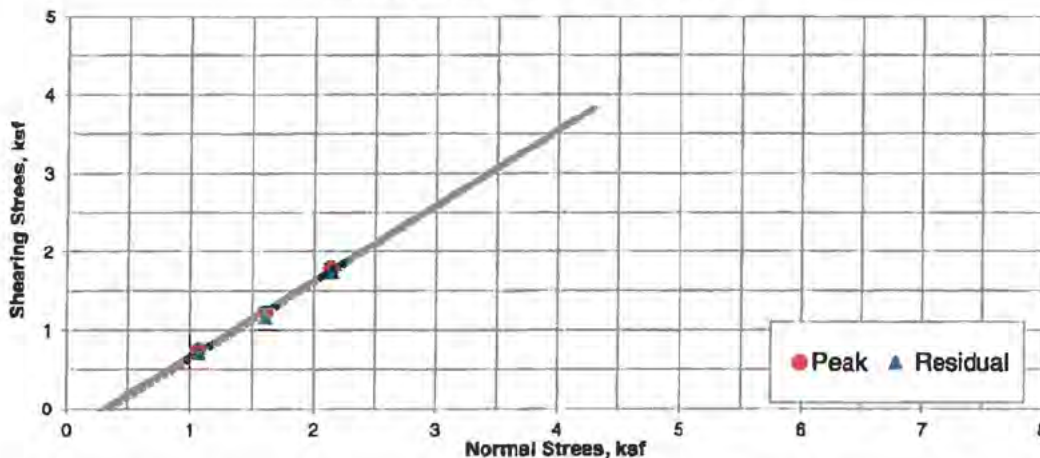
SAMPLE DESCRIPTION: Gravely Sand (SP)



Specimen:		1	2	3	Avg.
Initial	Moisture Content, %:	5.5	5.5	5.5	5.5
	Dry Density, pcf:	128.3	128.6	128.0	128.3
	Saturation, %:	50	51	50	
Final	Moisture Content, %:	15.7	15.5	14.8	
	Dry Density, pcf:	122.3	127.6	123.9	
	Saturation, %:	117	138	117	
Normal Stress, ksf:		1.07	1.61	2.15	
Peak Shear Stress, ksf:		0.76	1.22	1.79	
Residual Shear Stress, ksf:		0.7	1.16	1.74	
Deformation Rate, in./min.		0.01	0.01	0.01	

		Peak	Residual	
Angle of Internal Friction, deg.:		44	44	
Cohesion, ksf:		0.00	0.00	

DIRECT SHEAR TEST RESULTS



LANDMARK
Geo-Engineers and Geologists
PROJECT No: LE12002

Direct Shear
Test Results

Plate
C-2

C-1 Fence Repair
Michael Baker, Jr., Inc.

12GC012

MOISTURE-DENSITY COMPACTION TEST

ASTM D 1557-02

PROCEDURE USED: C

September 20, 2012

PREPARATION METHOD: Moist

Boring #1; S-1 @ 1.0 - 3.0'

RAMMER TYPE: Mechanical

Brown Silty Gravel with Sand (GM)

SPECIFIC GRAVITY: 2.65 (assumed)

SIEVE DATA:

Sieve Size	% Retained
3/4"	12
3/8"	18
#4	21

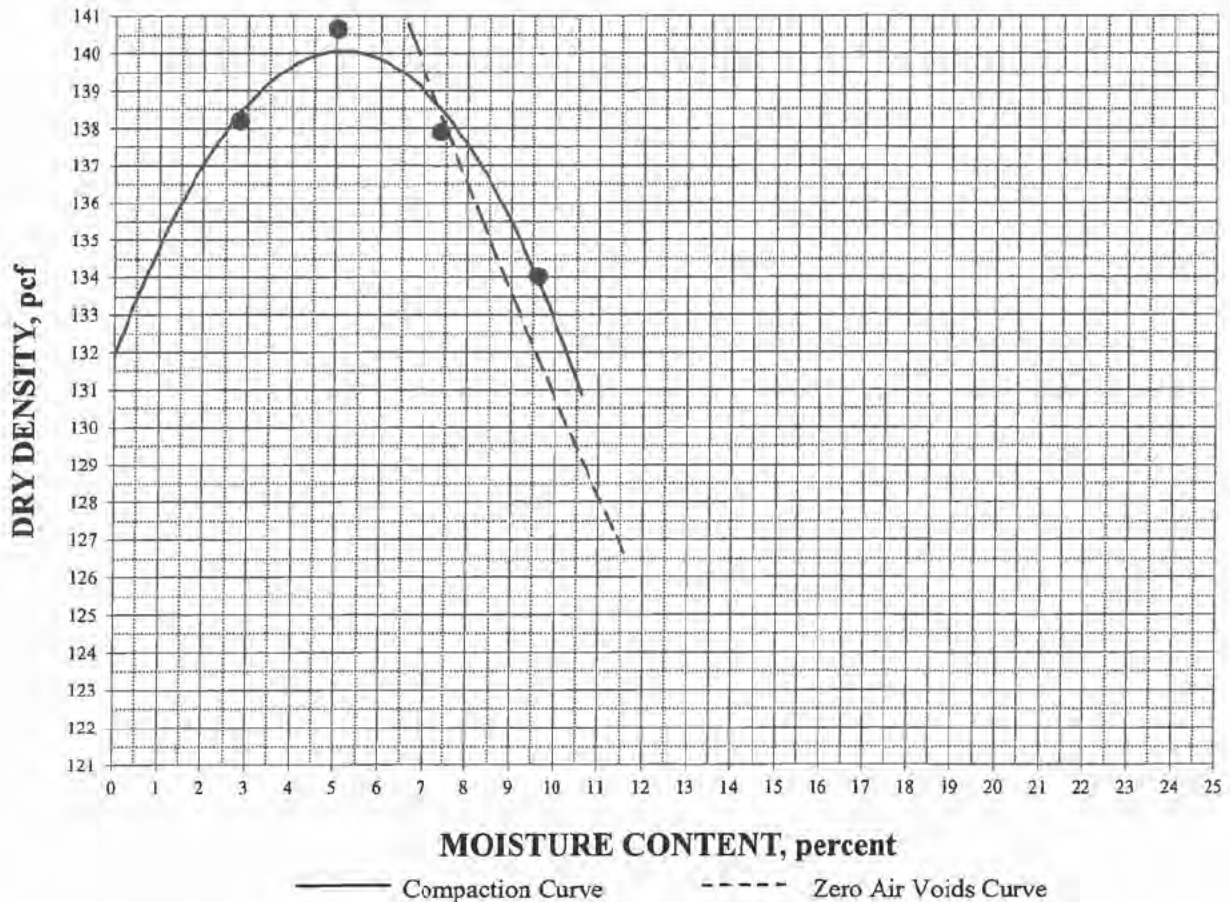
MAXIMUM DRY DENSITY: 140.0 pcf

OPTIMUM MOISTURE: 5.0%

OVERSIZE PARTICLE CORRECTION (ASTM D 4718)

CORRECTED MAXIMUM DENSITY: 142.0 pcf

CORRECTED OPTIMUM MOISTURE: 4.5 %



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #1; S-1 @ 0.0 - 1.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

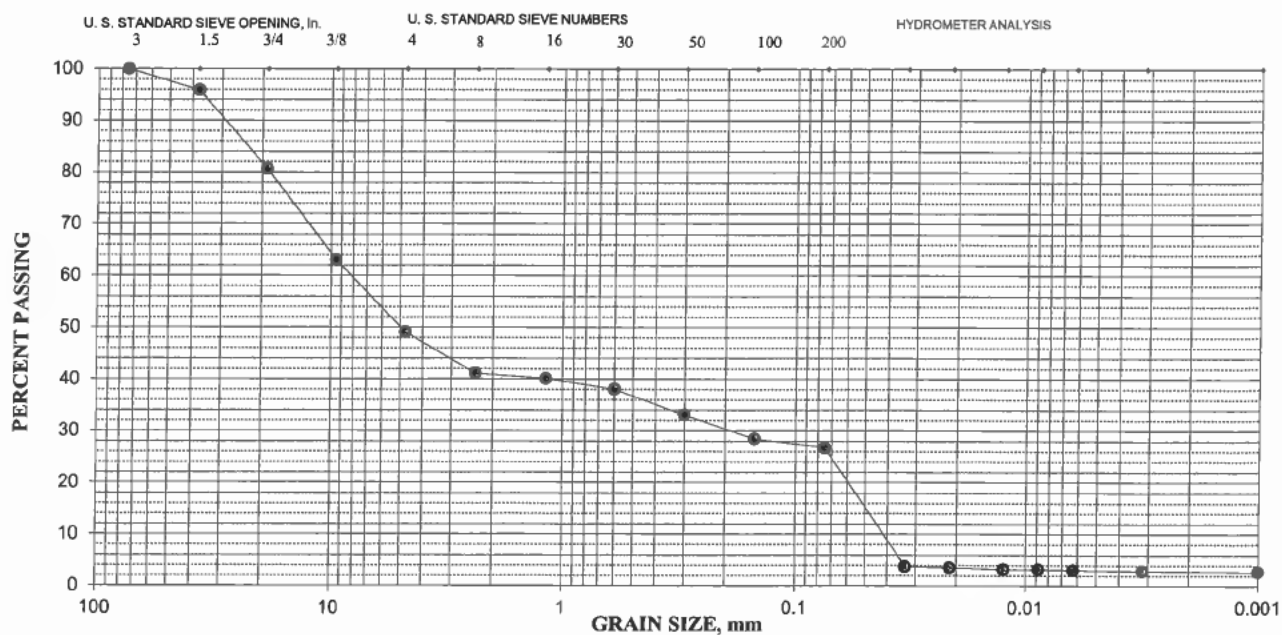
LL = 0; PL = 0; PI = 0

Gravel = 51%; Sand = 22%; Silt = 24%; Clay = 3%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	4	96
3/4" (19.0-mm)	19	81
3/8" (9.5-mm)	37	63
#4 (4.75-mm)	51	49
#8 (2.36-mm)	59	41
#16 (1.18-mm)	60	40
#30 (600-μm)	62	38
#50 (300-μm)	67	33
#100 (150-μm)	72	28
#200 (75-μm)	73	27

Hydrometer Analysis

33-μm	4
21-μm	4
12-μm	3
9-μm	3
6-μm	3
3.2-μm	3
Colloids (<1-μm)	3



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #1; S-2 @ 1.0 - 6.5'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

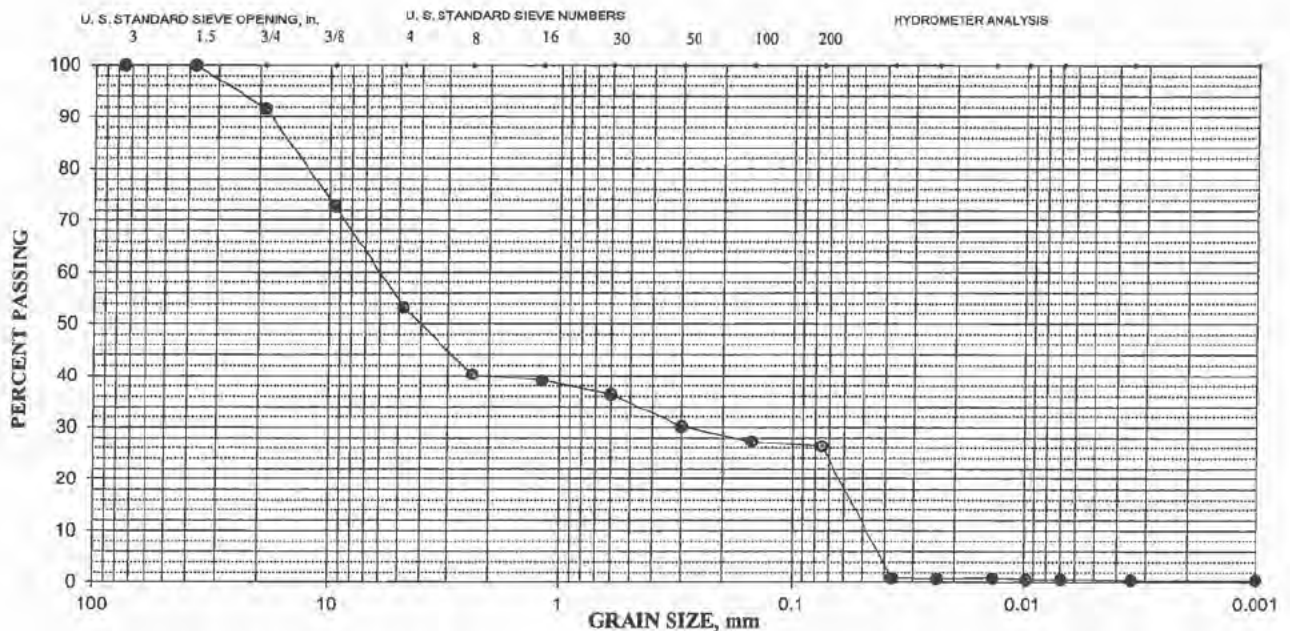
LL = 0; PL = 0; PI = 0

Gravel = 47%; Sand = 27%; Silt = 26%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	8	92
3/8" (9.5-mm)	27	73
#4 (4.75-mm)	47	53
#8 (2.36-mm)	60	40
#16 (1.18-mm)	61	39
#30 (600- μ m)	64	36
#50 (300- μ m)	70	30
#100 (150- μ m)	73	27
#200 (75- μ m)	74	26

Hydrometer Analysis

37- μ m	1
24- μ m	1
14- μ m	1
10- μ m	0
7- μ m	0
3.4- μ m	0
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #1; S-3 @ 6.5 - 11.5'

September 20, 2012

Light Brown Poorly Graded Sand with Silt (SP-SM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

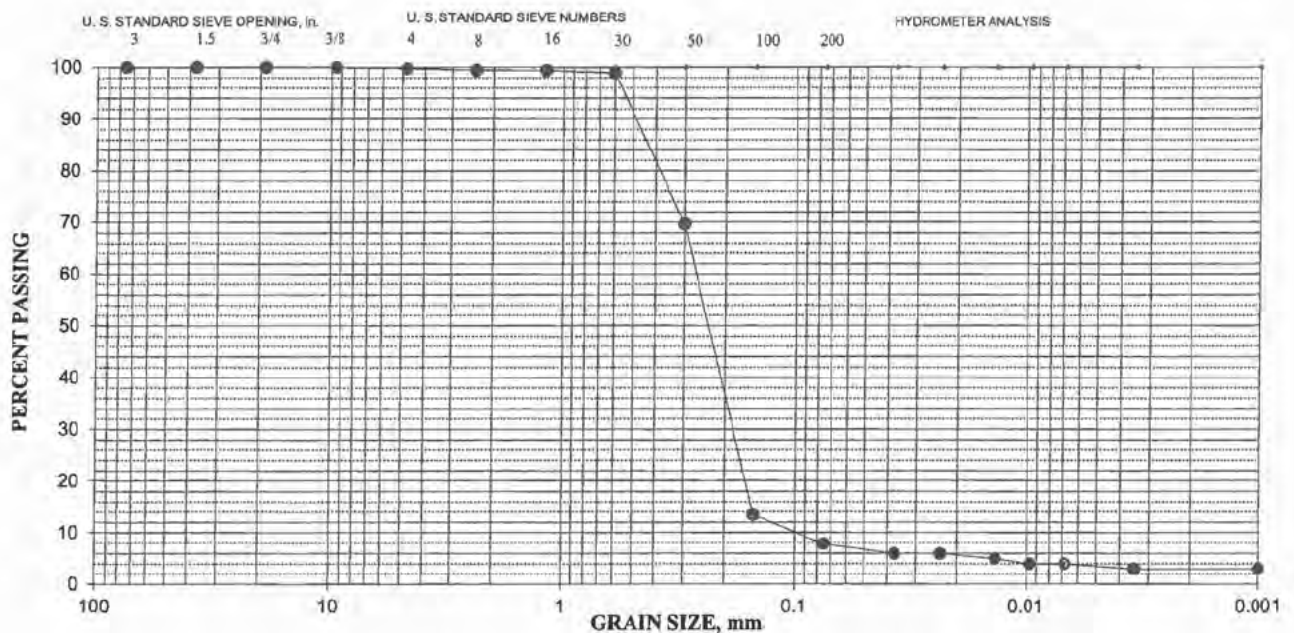
Gravel = 0%; Sand = 92%; Silt = 5%; Clay = 3%

Cu = 2.7; Cc = 1.3

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	0	100
#4 (4.75-mm)	0	100
#8 (2.36-mm)	1	99
#16 (1.18-mm)	1	99
#30 (600-μm)	1	99
#50 (300-μm)	30	70
#100 (150-μm)	87	13
#200 (75-μm)	92	8

Hydrometer Analysis

37-μm	6
23-μm	6
14-μm	5
10-μm	4
7-μm	4
3.4-μm	3
Colloids (<1-μm)	3



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #1; S-4 @ 11.5 - 16.5'

September 20, 2012

Light Brown Silty Sand (SM)

Specific Gravity = 2.65 (assumed)

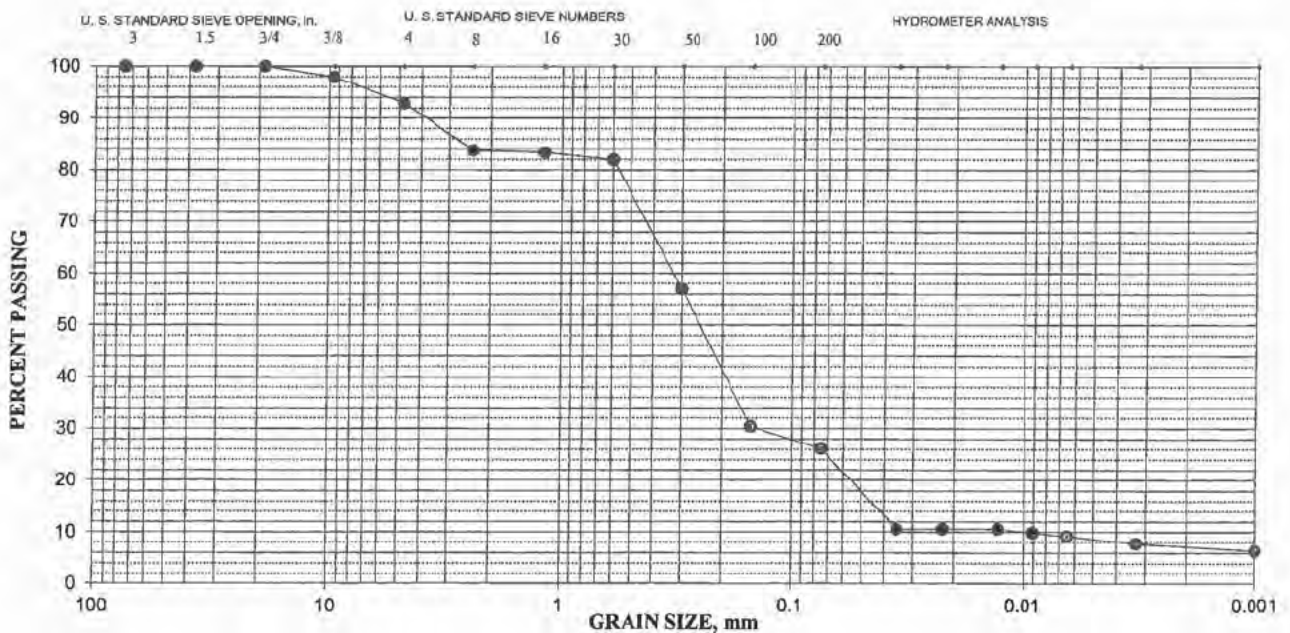
LL = 0; PL = 0; PI = 0

Gravel = 7%; Sand = 67%; Silt = 18%; Clay = 8%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	2	98
#4 (4.75-mm)	7	93
#8 (2.36-mm)	16	84
#16 (1.18-mm)	17	83
#30 (600-μm)	18	82
#50 (300-μm)	43	57
#100 (150-μm)	70	30
#200 (75-μm)	74	26

Hydrometer Analysis

35-μm	11
22-μm	11
13-μm	11
9-μm	10
6-μm	9
3.3-μm	8
Colloids (<1-μm)	6



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-6 @ 0.0 - 1.0'

September 20, 2012

Light Brown Silty Gravel (GM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

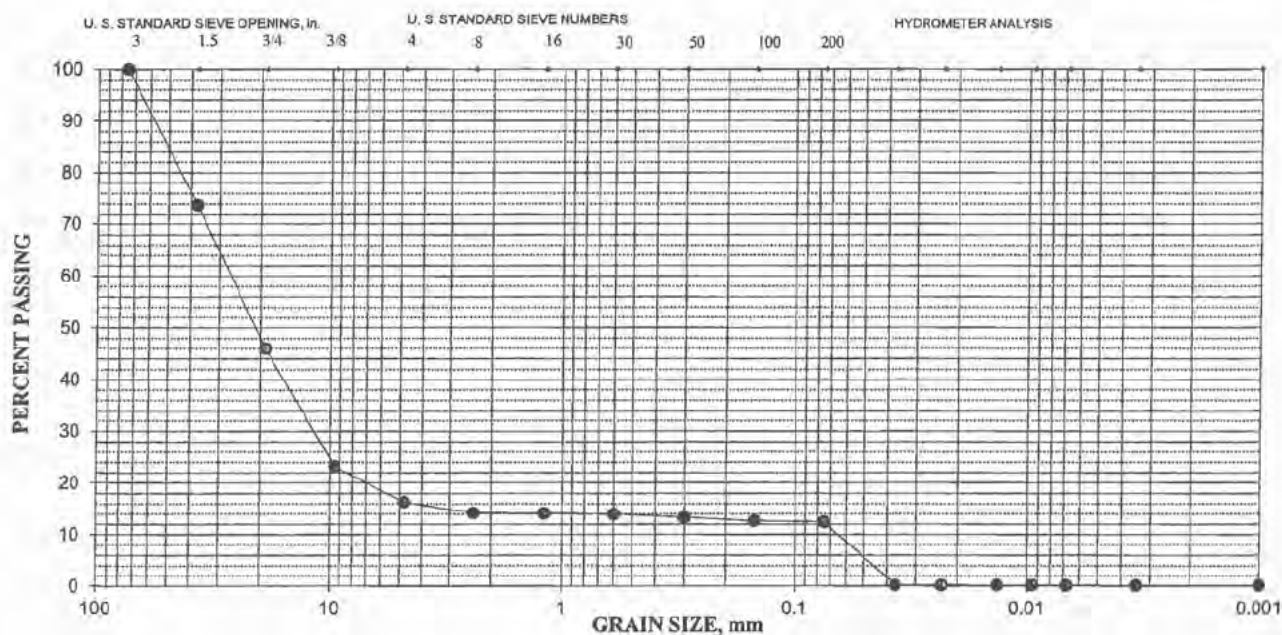
Gravel = 84%; Sand = 4%; Silt = 12%; Clay = 0%

Cu = 411.9; Cc = 78.6

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	26	74
3/4" (19.0-mm)	54	46
3/8" (9.5-mm)	77	23
#4 (4.75-mm)	84	16
#8 (2.36-mm)	86	14
#16 (1.18-mm)	86	14
#30 (600-μm)	86	14
#50 (300-μm)	87	13
#100 (150-μm)	87	13
#200 (75-μm)	88	12

Hydrometer Analysis

36-μm	0
23-μm	0
13-μm	0
9-μm	0
7-μm	0
3.4-μm	0
Colloids (<1-μm)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-7 @ 1.0 - 5.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

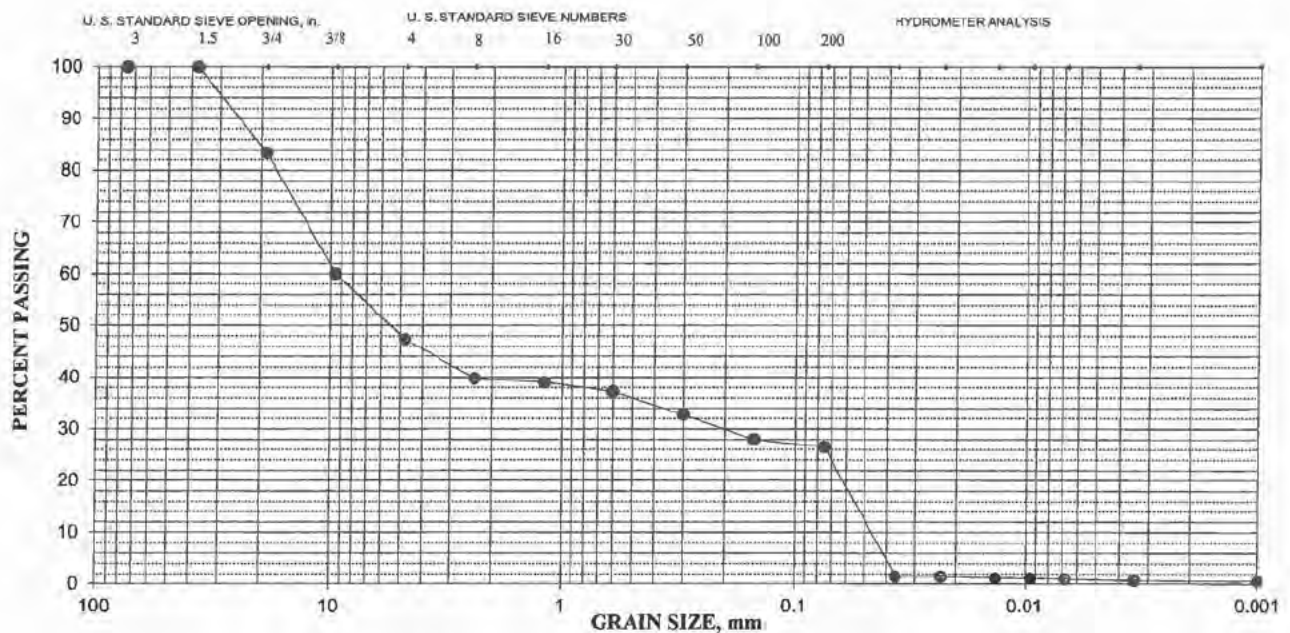
LL = 0; PL = 0; PI = 0

Gravel = 53%; Sand = 21%; Silt = 25%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	17	83
3/8" (9.5-mm)	40	60
#4 (4.75-mm)	53	47
#8 (2.36-mm)	60	40
#16 (1.18-mm)	61	39
#30 (600- μ m)	63	37
#50 (300- μ m)	67	33
#100 (150- μ m)	72	28
#200 (75- μ m)	74	26

Hydrometer Analysis

36- μ m	1
23- μ m	1
13- μ m	1
9- μ m	1
7- μ m	1
3.4- μ m	1
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-8 @ 5.0 - 6.5'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

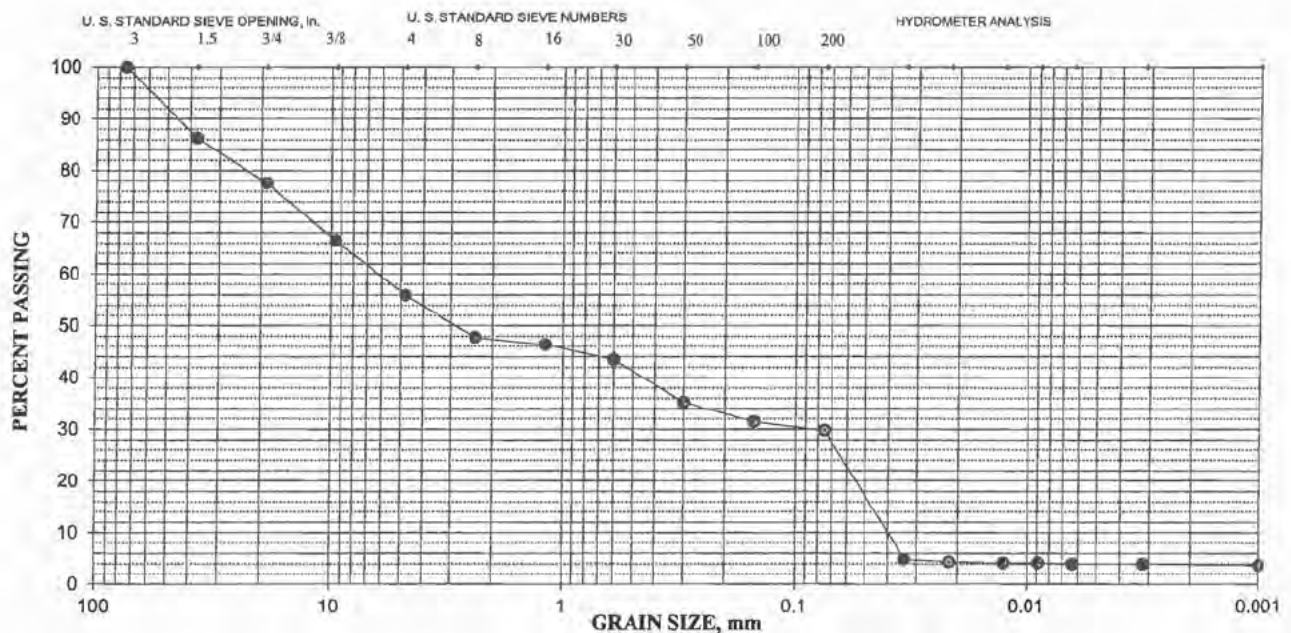
LL = 0; PL = 0; PI = 0

Gravel = 44%; Sand = 26%; Silt = 26%; Clay = 4%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	14	86
3/4" (19.0-mm)	22	78
3/8" (9.5-mm)	34	66
#4 (4.75-mm)	44	56
#8 (2.36-mm)	52	48
#16 (1.18-mm)	54	46
#30 (600- μ m)	57	43
#50 (300- μ m)	65	35
#100 (150- μ m)	69	31
#200 (75- μ m)	70	30

Hydrometer Analysis

34- μ m	5
22- μ m	4
13- μ m	4
9- μ m	4
6- μ m	4
3.2- μ m	4
Colloids (<1- μ m)	4



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-9 @ 6.5 - 11.5'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

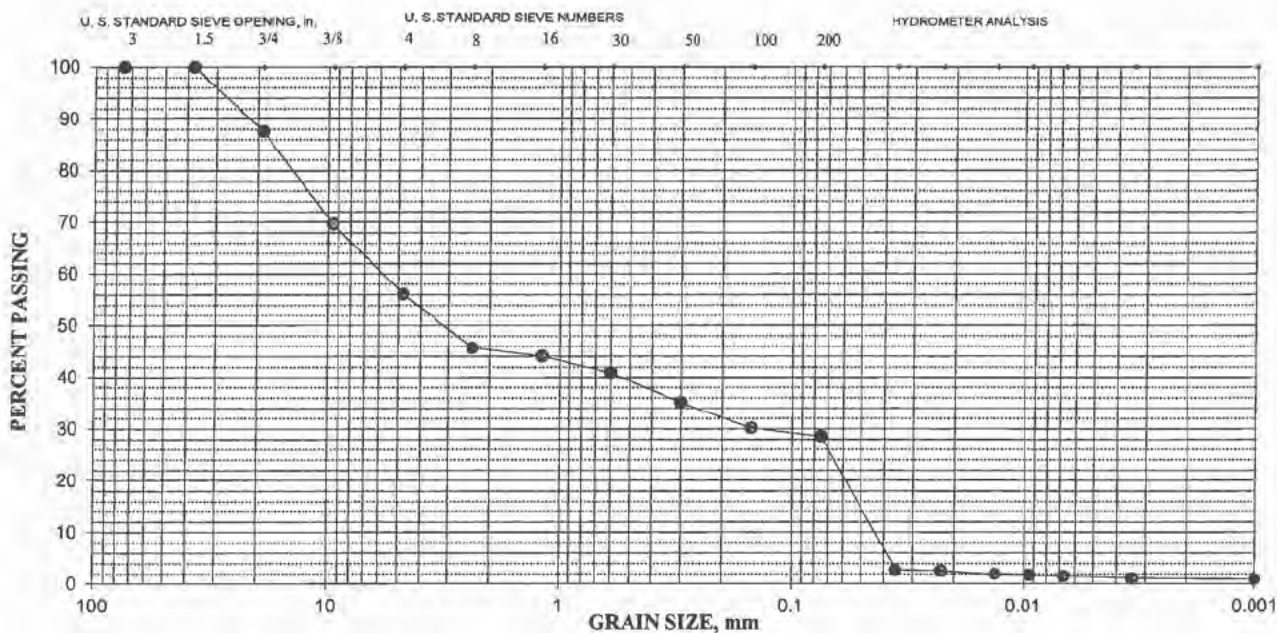
LL = 0; PL = 0; PI = 0

Gravel = 44%; Sand = 27%; Silt = 28%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	12	88
3/8" (9.5-mm)	30	70
#4 (4.75-mm)	44	56
#8 (2.36-mm)	54	46
#16 (1.18-mm)	56	44
#30 (600-μm)	59	41
#50 (300-μm)	65	35
#100 (150-μm)	70	30
#200 (75-μm)	71	29

Hydrometer Analysis

35-μm	3
23-μm	3
13-μm	2
9-μm	2
7-μm	1
3.4-μm	1
Colloids (<1-μm)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-10 @ 11.5 - 16.5'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

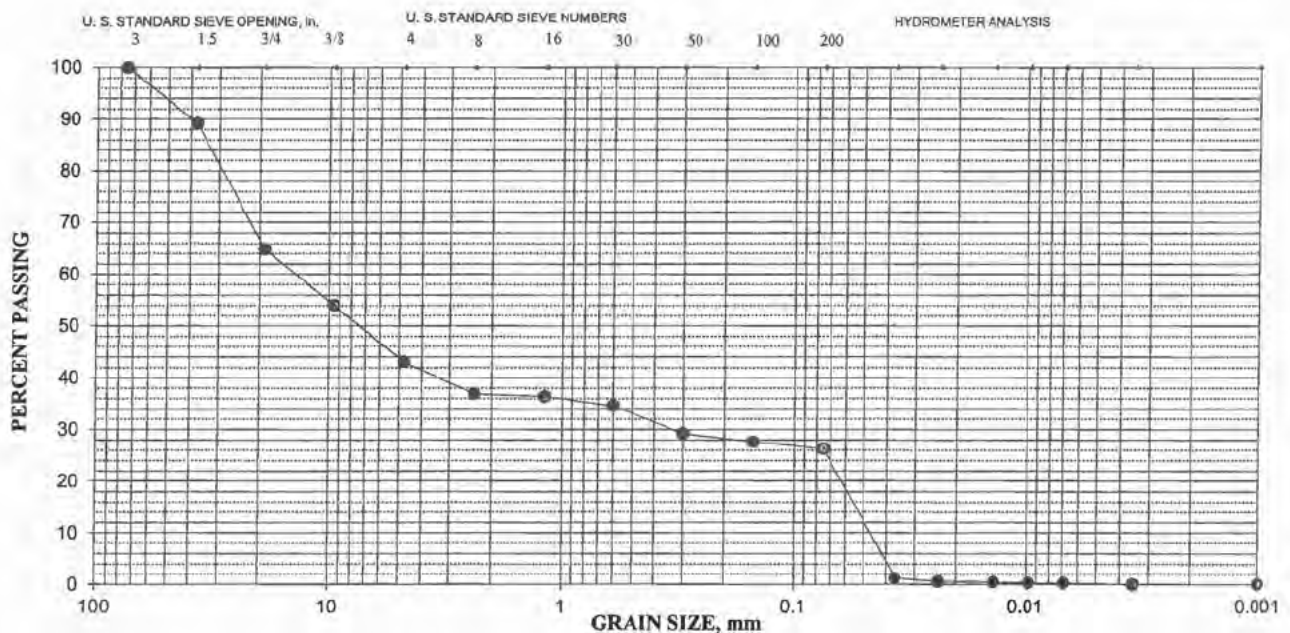
LL = 0; PL = 0; PI = 0

Gravel = 57%; Sand = 17%; Silt = 26%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	11	89
3/4" (19.0-mm)	35	65
3/8" (9.5-mm)	46	54
#4 (4.75-mm)	57	43
#8 (2.36-mm)	63	37
#16 (1.18-mm)	64	36
#30 (600-μm)	65	35
#50 (300-μm)	71	29
#100 (150-μm)	72	28
#200 (75-μm)	74	26

Hydrometer Analysis

36-μm	1
24-μm	1
14-μm	0
10-μm	0
7-μm	0
3.5-μm	0
Colloids (<1-μm)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-11 @ 16.5 - 21.5'

September 20, 2012

Light Brown Sandy Lean Clay (CL)

Specific Gravity = 2.65 (assumed)

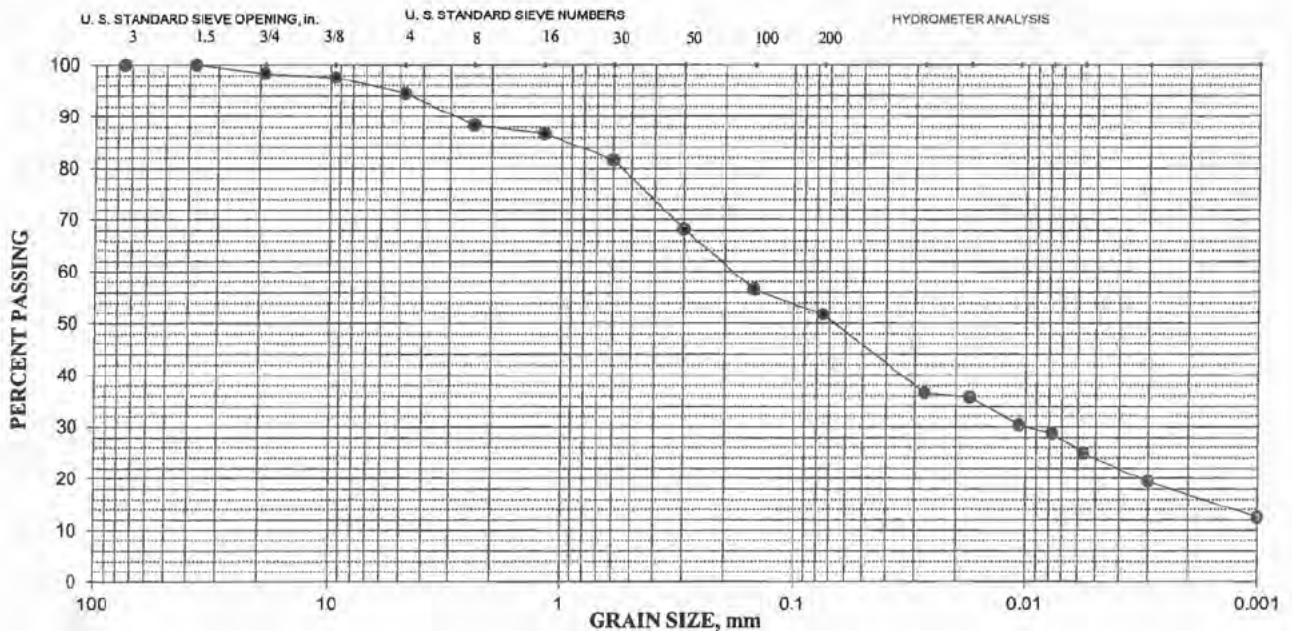
LL = 27; PL = 8; PI = 19

Gravel = 6%; Sand = 42%; Silt = 33%; Clay = 19%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	2	98
3/8" (9.5-mm)	2	98
#4 (4.75-mm)	6	94
#8 (2.36-mm)	12	88
#16 (1.18-mm)	13	87
#30 (600-μm)	18	82
#50 (300-μm)	32	68
#100 (150 μm)	43	57
#200 (75-μm)	48	52

Hydrometer Analysis

27-μm	37
17-μm	36
11-μm	30
8-μm	29
6-μm	25
3.0-μm	19
Colloids (<1-μm)	12



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-12 @ 21.5 - 26.5'

September 20, 2012

Light Brown Silty Sand with Gravel (SM)

Specific Gravity = 2.65 (assumed)

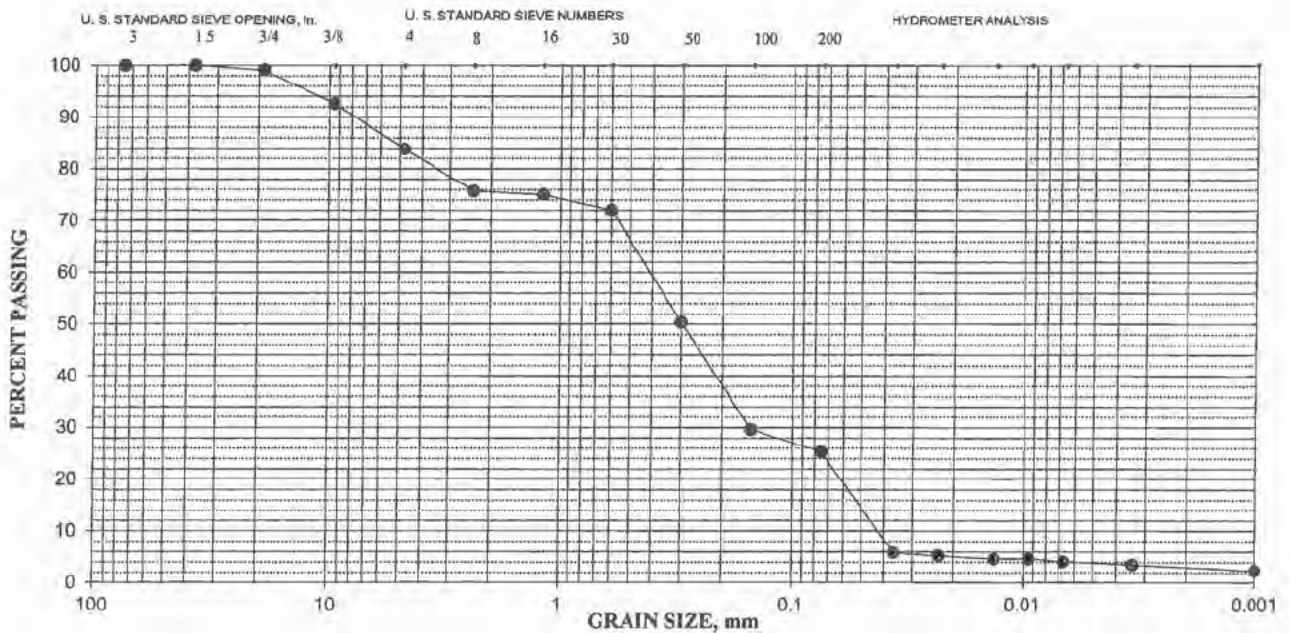
LL = 0; PL = 0; PI = 0

Gravel = 16%; Sand = 59%; Silt = 22%; Clay = 3%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	1	99
3/8" (9.5-mm)	7	93
#4 (4.75-mm)	16	84
#8 (2.36-mm)	24	76
#16 (1.18-mm)	25	75
#30 (600-μm)	28	72
#50 (300-μm)	50	50
#100 (150-μm)	70	30
#200 (75-μm)	75	25

Hydrometer Analysis

36-μm	6
23-μm	5
13-μm	5
9-μm	5
7-μm	4
3.4-μm	3
Colloids (<1-μm)	2



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-13 @ 26.5 - 31.5'

September 20, 2012

Light Brown Lean Clay with Sand (CL)

Specific Gravity = 2.65 (assumed)

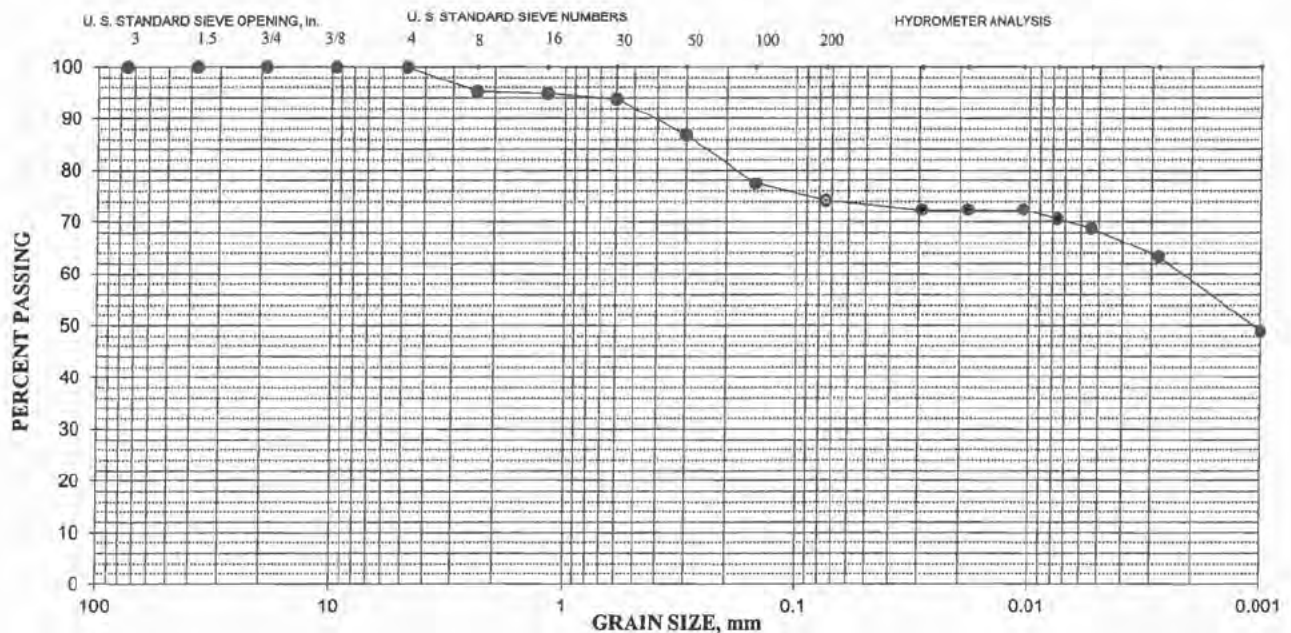
LL = 49; PL = 11; PI = 38

Gravel = 0%; Sand = 26%; Silt = 11%; Clay = 63%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	0	100
#4 (4.75-mm)	0	100
#8 (2.36-mm)	5	95
#16 (1.18-mm)	5	95
#30 (600-μm)	6	94
#50 (300-μm)	13	87
#100 (150-μm)	23	77
#200 (75-μm)	26	74

Hydrometer Analysis

29-μm	72
18-μm	72
11-μm	72
8-μm	71
5-μm	69
2.8-μm	63
Colloids (<1-μm)	49



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-14 @ 31.5 - 36.5'

September 20, 2012

Light Brown Silty Sand (SM)

Specific Gravity = 2.65 (assumed)

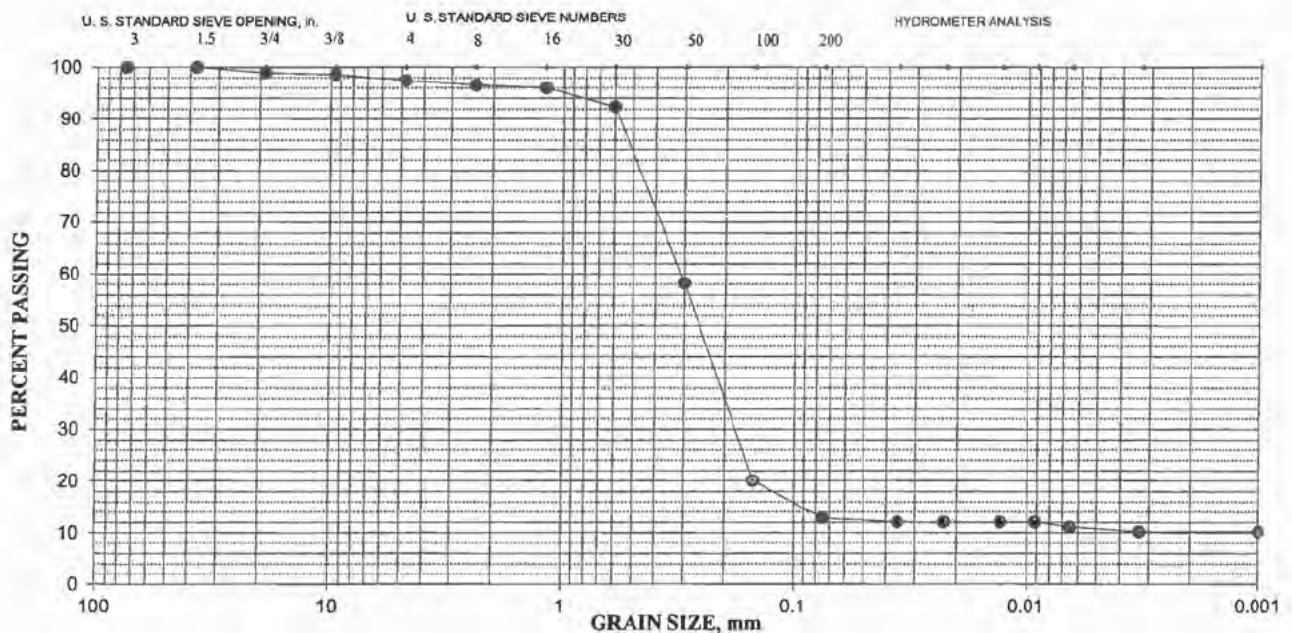
LL = 0; PL = 0; PI = 0

Gravel = 3%; Sand = 84%; Silt = 3%; Clay = 10%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	1	99
3/8" (9.5-mm)	1	99
#4 (4.75-mm)	3	97
#8 (2.36-mm)	4	96
#16 (1.18-mm)	4	96
#30 (600- μ m)	8	92
#50 (300- μ m)	42	58
#100 (150- μ m)	80	20
#200 (75- μ m)	87	13

Hydrometer Analysis

35- μ m	12
22- μ m	12
13- μ m	12
9- μ m	12
7- μ m	11
3.3- μ m	10
Colloids (<1- μ m)	10



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #2; S-15 @ 36.5 - 41.5'

September 20, 2012

Light Brown Poorly Graded Sand with Silt (SP-SM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

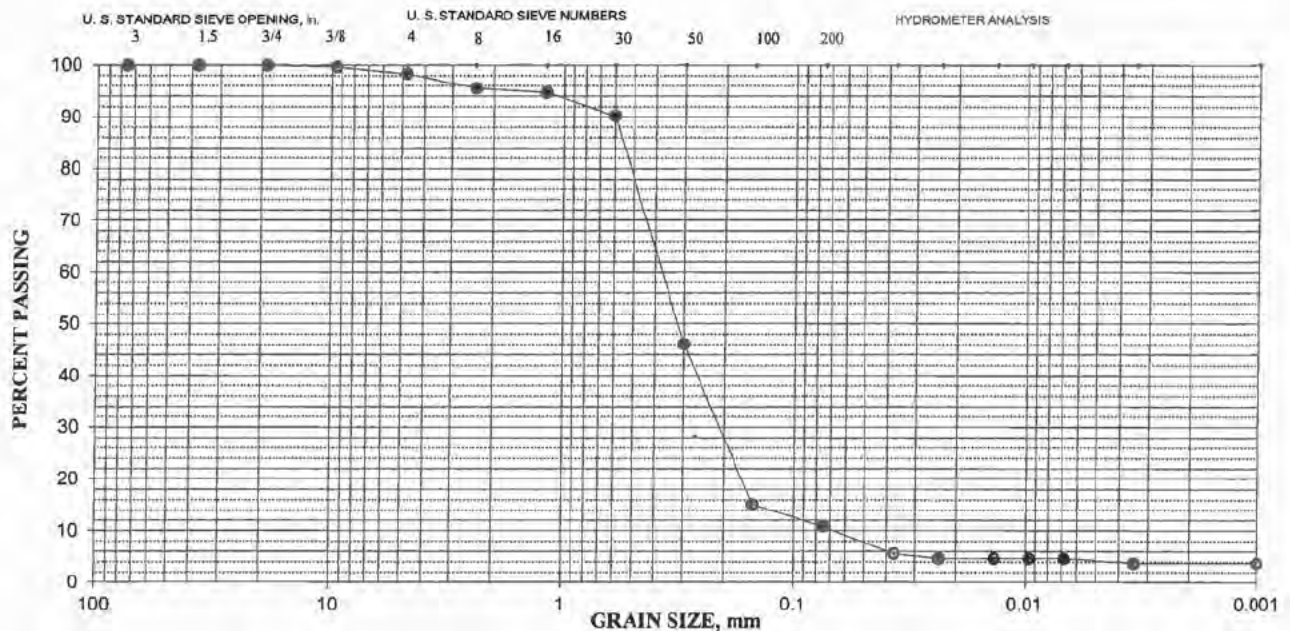
Gravel = 2%; Sand = 87%; Silt = 7%; Clay = 4%

Cu = 5.6; Cc = 1.7

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	0	100
#4 (4.75-mm)	2	98
#8 (2.36-mm)	4	96
#16 (1.18-mm)	5	95
#30 (600-μm)	10	90
#50 (300-μm)	54	46
#100 (150-μm)	85	15
#200 (75-μm)	89	11

Hydrometer Analysis

37-μm	6
23-μm	5
14-μm	5
10-μm	5
7-μm	5
3.4-μm	4
Colloids (<1-μm)	4



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-16 @ 0.0 - 1.0'

September 20, 2012

Light Brown Silty Gravel (GM)

Specific Gravity = 2.65 (assumed)

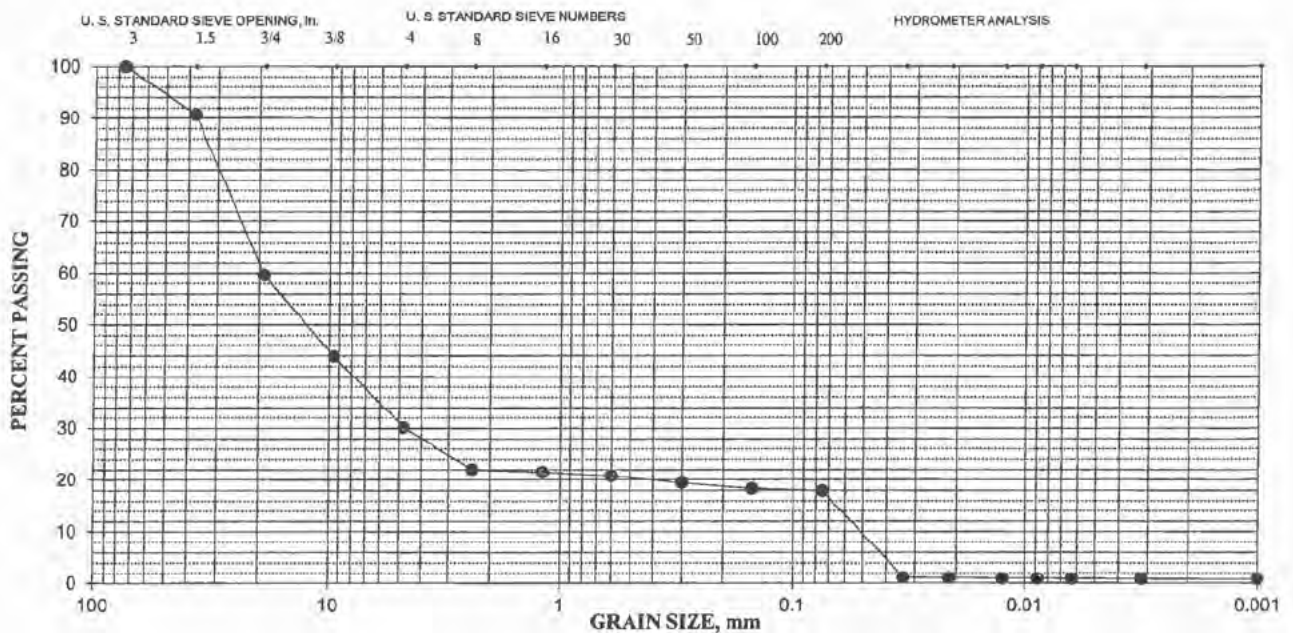
LL = 0; PL = 0; PI = 0

Gravel = 70%; Sand = 12%; Silt = 17%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	9	91
3/4" (19.0-mm)	40	60
3/8" (9.5-mm)	56	44
#4 (4.75-mm)	70	30
#8 (2.36-mm)	78	22
#16 (1.18-mm)	78	22
#30 (600-μm)	79	21
#50 (300-μm)	81	19
#100 (150-μm)	82	18
#200 (75-μm)	82	18

Hydrometer Analysis

33-μm	1
21-μm	1
12-μm	1
9-μm	1
6-μm	1
3.2-μm	1
Colloids (<1-μm)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-17 @ 1.0 - 5.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

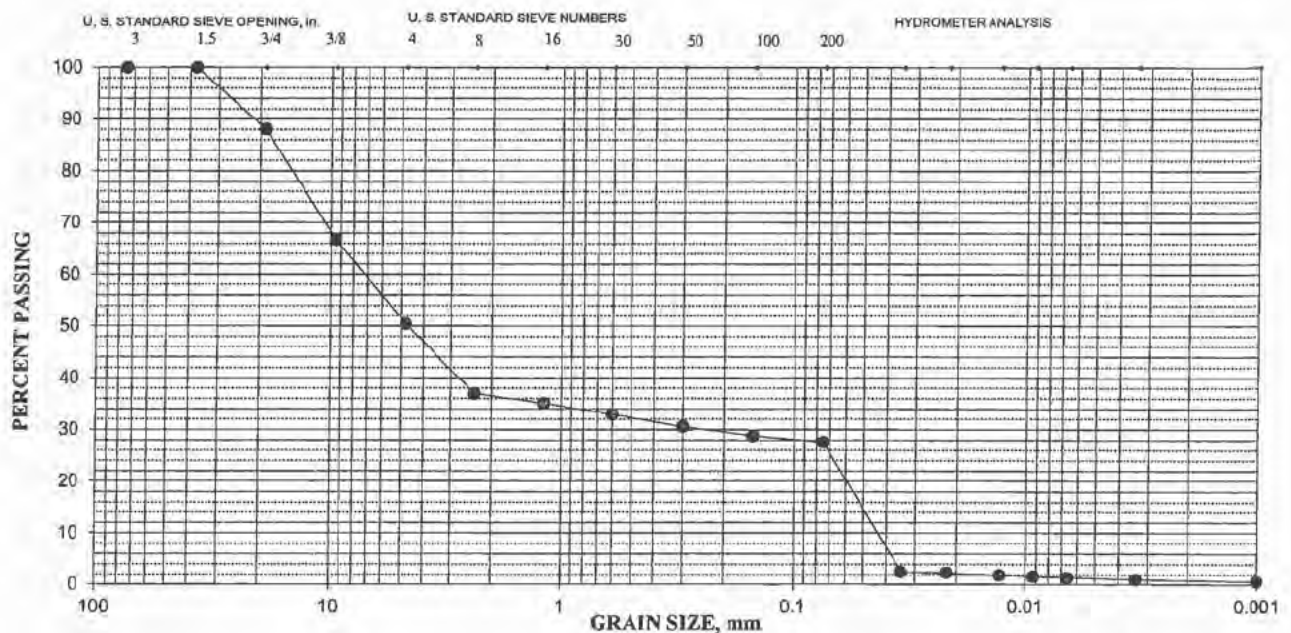
LL = 0; PL = 0; PI = 0

Gravel = 50%; Sand = 22%; Silt = 27%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	12	88
3/8" (9.5-mm)	33	67
#4 (4.75-mm)	50	50
#8 (2.36-mm)	63	37
#16 (1.18-mm)	65	35
#30 (600-μm)	67	33
#50 (300-μm)	69	31
#100 (150-μm)	71	29
#200 (75-μm)	72	28

Hydrometer Analysis

34-μm	2
22-μm	2
13-μm	2
9-μm	2
7-μm	1
3.4-μm	1
Colloids (<1-μm)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-18 @ 5.0 - 10.0'

September 20, 2012

Light Brown Poorly Graded Gravel with Silt and Sand (GP-GM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

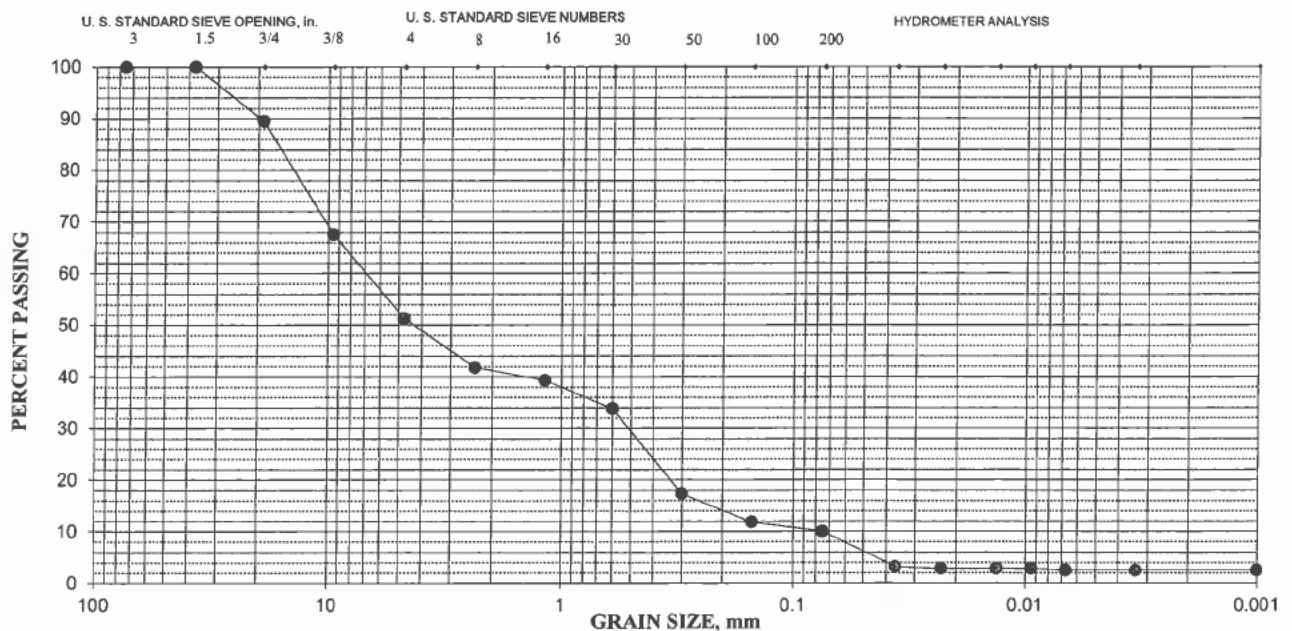
Gravel = 49%; Sand = 41%; Silt = 8%; Clay = 2%

Cu = 91.9; Cc = 0.5

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	11	89
3/8" (9.5-mm)	32	68
#4 (4.75-mm)	49	51
#8 (2.36-mm)	58	42
#16 (1.18-mm)	61	39
#30 (600-μm)	66	34
#50 (300-μm)	83	17
#100 (150-μm)	88	12
#200 (75-μm)	90	10

Hydrometer Analysis

36-μm	3
23-μm	3
13-μm	3
9-μm	3
7-μm	2
3.4-μm	2
Colloids (<1-μm)	2



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-19 @ 10.0 - 15.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

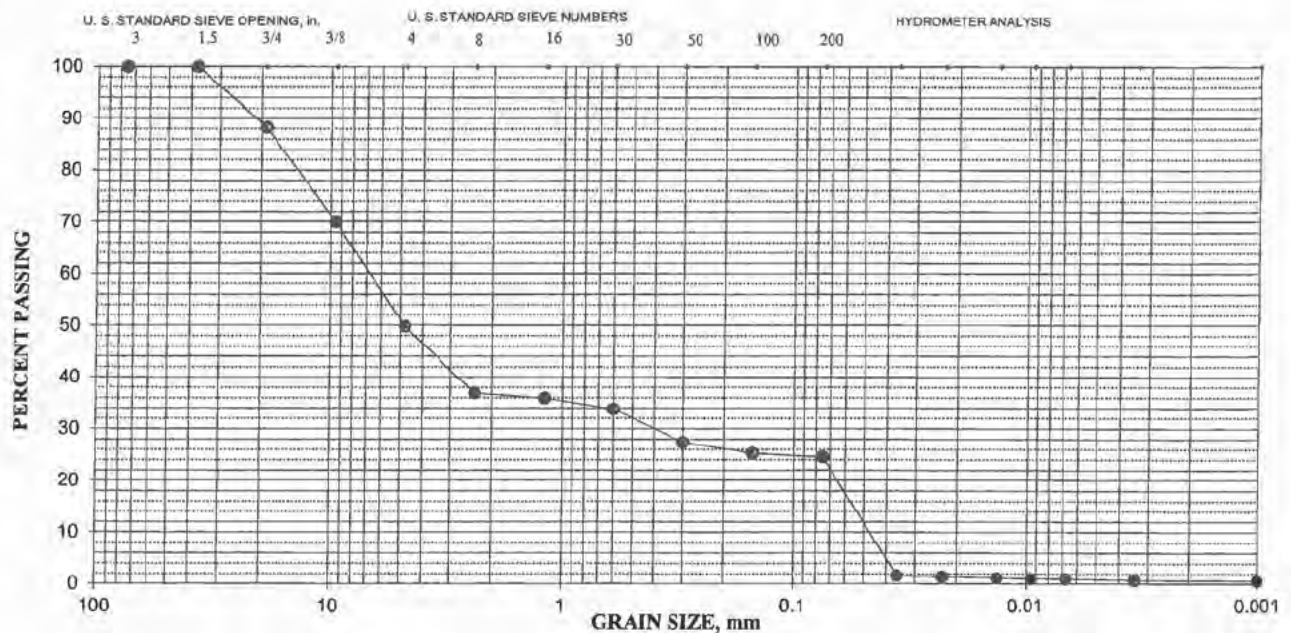
LL = 0; PL = 0; PI = 0

Gravel = 50%; Sand = 25%; Silt = 24%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	12	88
3/8" (9.5-mm)	30	70
#4 (4.75-mm)	50	50
#8 (2.36-mm)	63	37
#16 (1.18-mm)	64	36
#30 (600-μm)	66	34
#50 (300-μm)	73	27
#100 (150-μm)	75	25
#200 (75-μm)	75	25

Hydrometer Analysis

36-μm	1
23-μm	1
13-μm	1
9-μm	1
7-μm	1
3.4-μm	1
Colloids (<1-μm)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-20 @ 15.0 - 20.0'

September 20, 2012

Light Brown Silty Gravel (GM)

Specific Gravity = 2.65 (assumed)

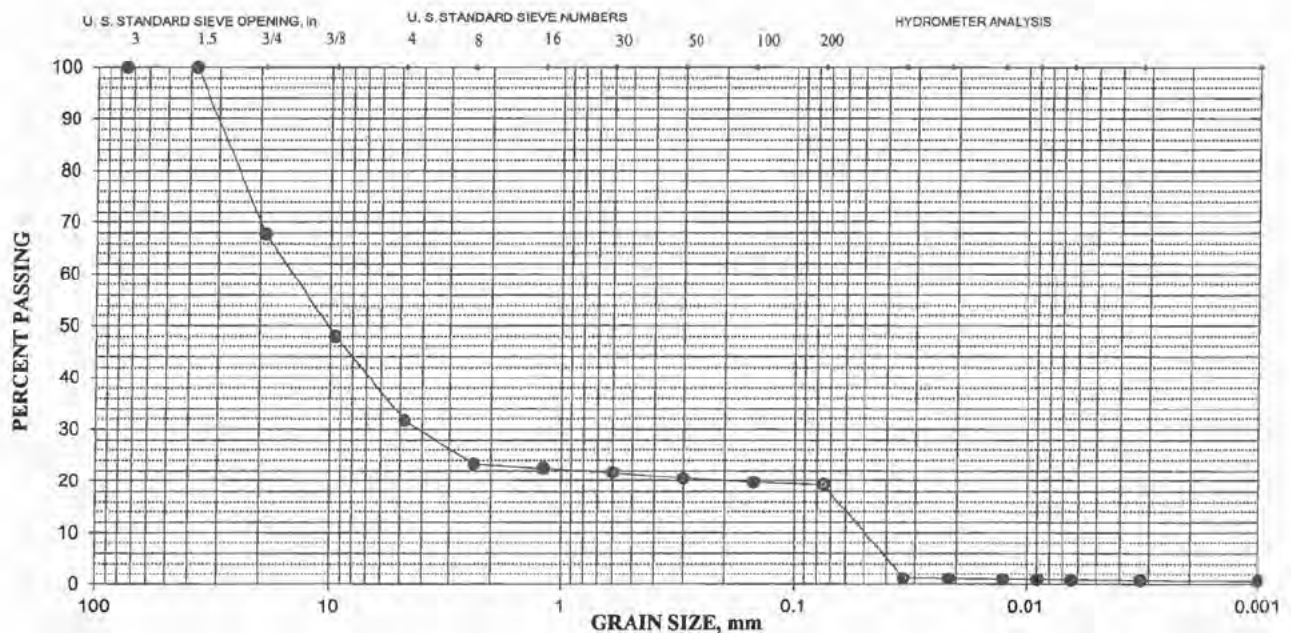
LL = 0; PL = 0; PI = 0

Gravel = 68%; Sand = 13%; Silt = 18%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	32	68
3/8" (9.5-mm)	52	48
#4 (4.75-mm)	68	32
#8 (2.36-mm)	77	23
#16 (1.18-mm)	78	22
#30 (600-μm)	78	22
#50 (300-μm)	80	20
#100 (150-μm)	80	20
#200 (75-μm)	81	19

Hydrometer Analysis

33-μm	1
21-μm	1
13-μm	1
9-μm	1
6-μm	1
3.2-μm	1
Colloids (<1-μm)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-21 @ 20.0 - 25.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

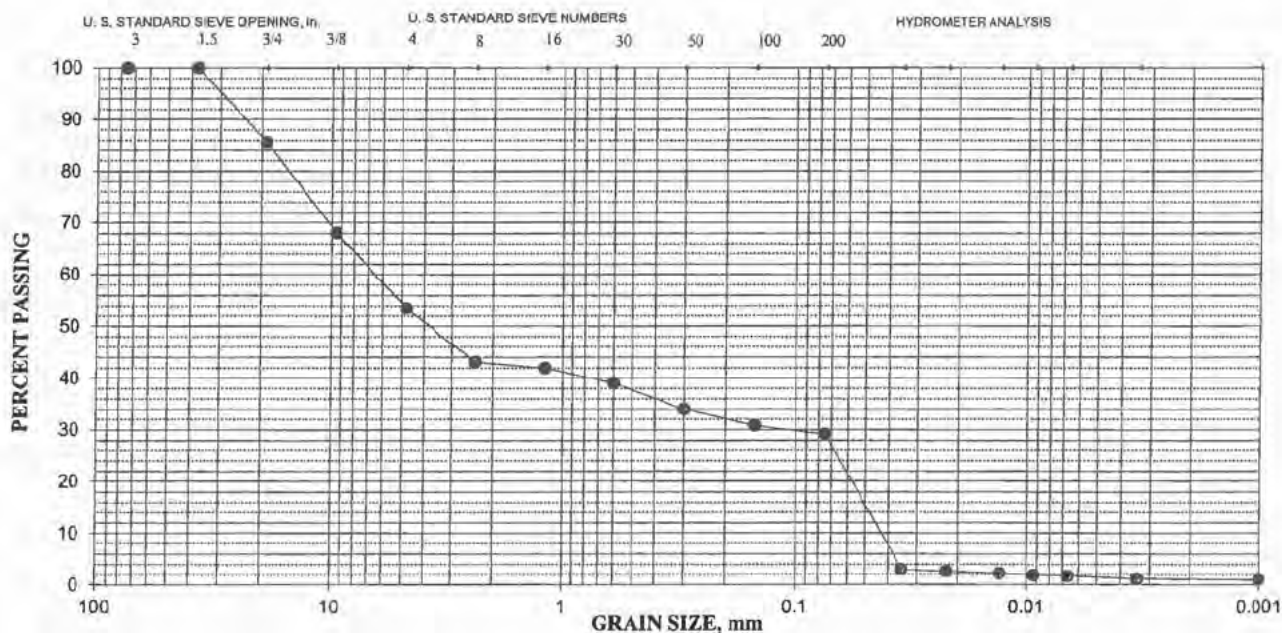
LL = 0; PL = 0; PI = 0

Gravel = 47%; Sand = 24%; Silt = 28%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	14	86
3/8" (9.5-mm)	32	68
#4 (4.75-mm)	47	53
#8 (2.36-mm)	57	43
#16 (1.18-mm)	58	42
#30 (600-μm)	61	39
#50 (300-μm)	66	34
#100 (150-μm)	69	31
#200 (75-μm)	71	29

Hydrometer Analysis

35-μm	3
22-μm	3
13-μm	2
9-μm	2
7-μm	2
3.4-μm	1
Colloids (<1-μm)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-22 @ 25.0 - 30.0'

September 20, 2012

Light Brown Silty Sand (SM)

Specific Gravity = 2.65 (assumed)

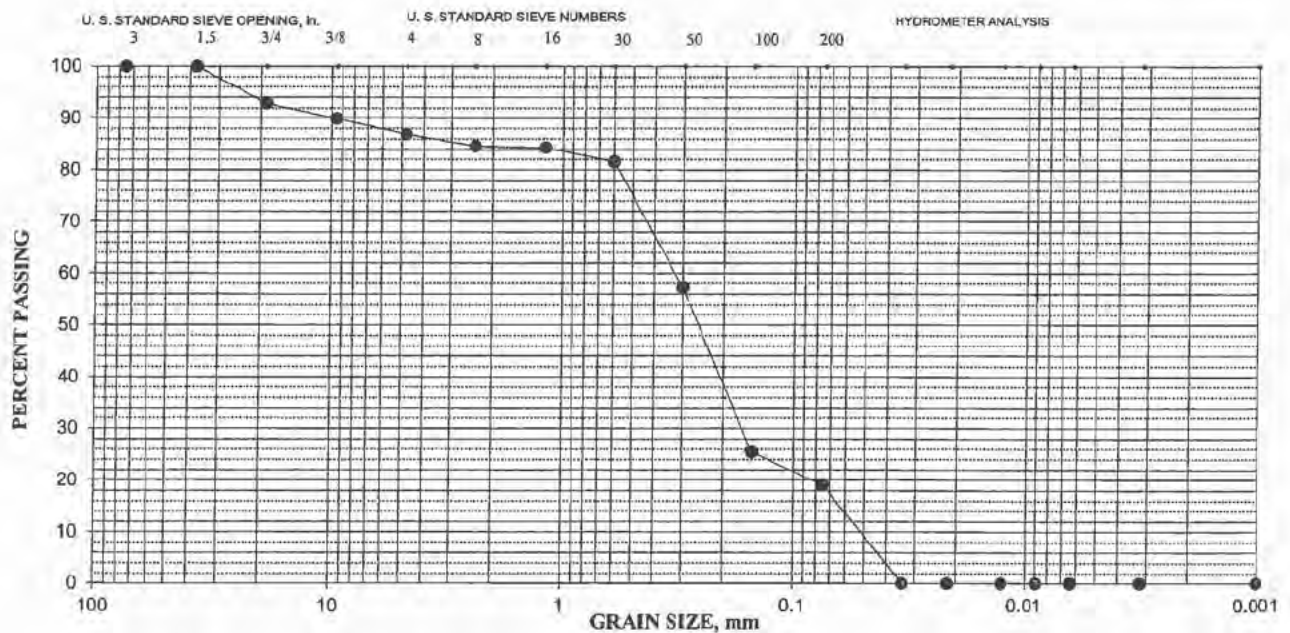
LL = 0; PL = 0; PI = 0

Gravel = 13%; Sand = 68%; Silt = 19%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	7	93
3/8" (9.5-mm)	10	90
#4 (4.75-mm)	13	87
#8 (2.36-mm)	15	85
#16 (1.18-mm)	16	84
#30 (600- μ m)	18	82
#50 (300- μ m)	43	57
#100 (150- μ m)	75	25
#200 (75- μ m)	81	19

Hydrometer Analysis

34- μ m	0
22- μ m	0
13- μ m	0
9- μ m	0
6- μ m	0
3.2- μ m	0
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-23 @ 30.0 - 35.0'

September 20, 2012

Light Brown Silty Sand (SM)

Specific Gravity = 2.65 (assumed)

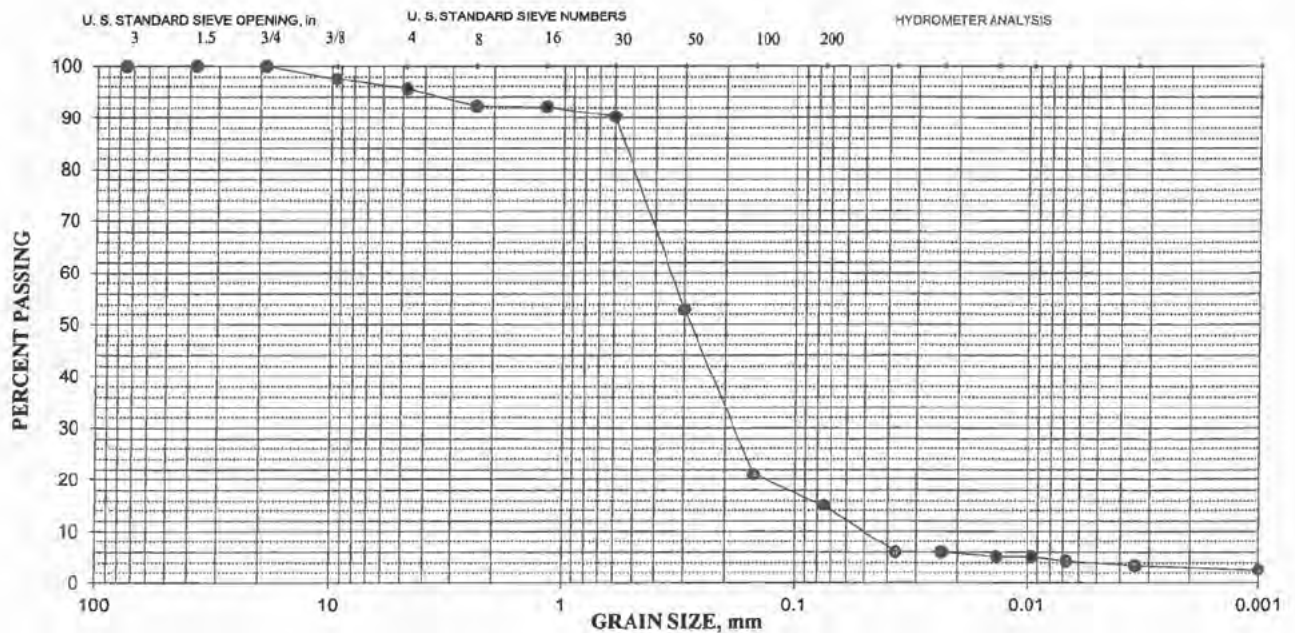
LL = 0; PL = 0; PI = 0

Gravel = 4%; Sand = 81%; Silt = 12%; Clay = 3%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	3	97
#4 (4.75-mm)	4	96
#8 (2.36-mm)	8	92
#16 (1.18-mm)	8	92
#30 (600-μm)	10	90
#50 (300-μm)	47	53
#100 (150-μm)	79	21
#200 (75-μm)	85	15

Hydrometer Analysis

37-μm	6
23-μm	6
14-μm	5
10-μm	5
7-μm	4
3.4-μm	3
Colloids (<1-μm)	3



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #3; S-24 @ 35.0 - 40.0'

September 20, 2012

Light Brown Silty Sand (SM)

Specific Gravity = 2.65 (assumed)

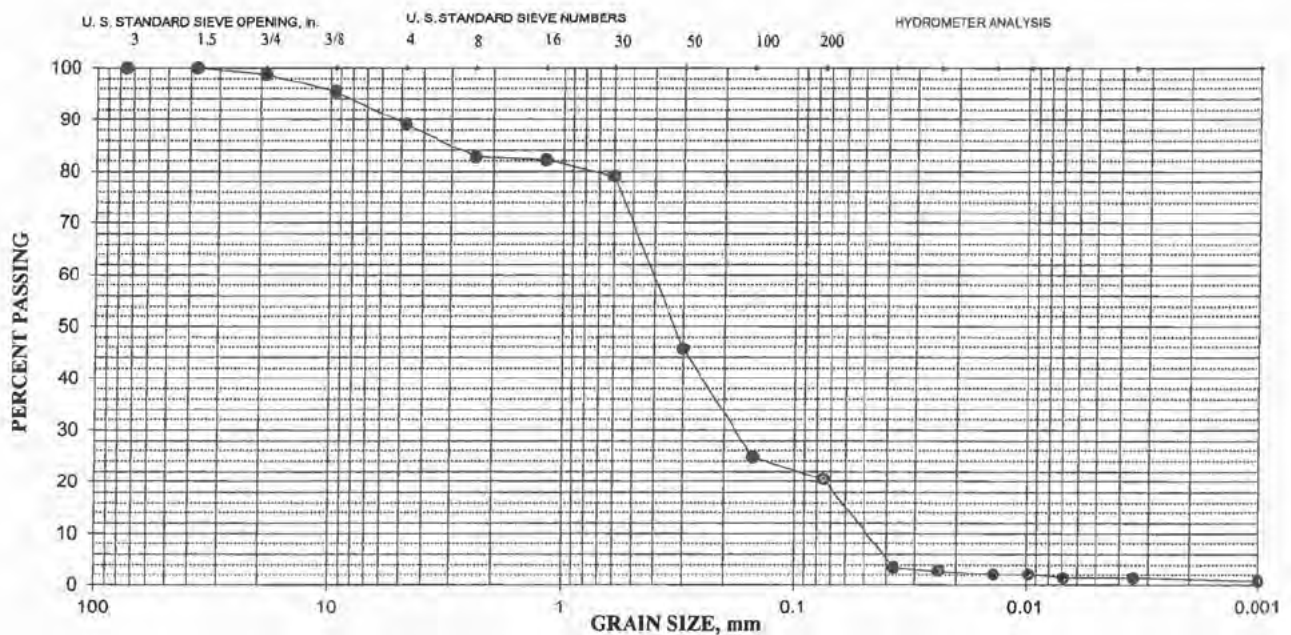
LL = 0; PL = 0; PI = 0

Gravel = 11%; Sand = 68%; Silt = 20%; Clay = 1%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	1	99
3/8" (9.5-mm)	5	95
#4 (4.75-mm)	11	89
#8 (2.36-mm)	17	83
#16 (1.18-mm)	18	82
#30 (600-μm)	21	79
#50 (300-μm)	54	46
#100 (150-μm)	75	25
#200 (75-μm)	79	21

Hydrometer Analysis

37-μm	3
24-μm	3
14-μm	2
10-μm	2
7-μm	1
3.4-μm	1
Colloids (<1-μm)	1



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-25 @ 0.0 - 1.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

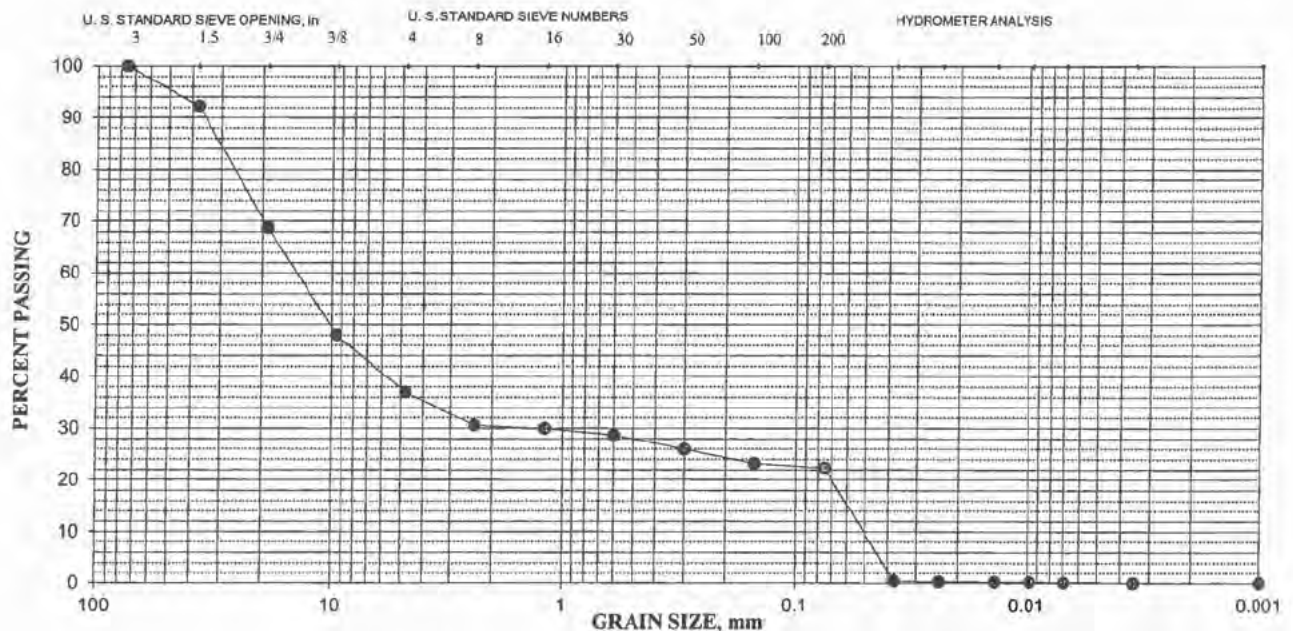
LL = 0; PL = 0; PI = 0

Gravel = 63%; Sand = 15%; Silt = 22%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	8	92
3/4" (19.0-mm)	31	69
3/8" (9.5-mm)	52	48
#4 (4.75-mm)	63	37
#8 (2.36-mm)	69	31
#16 (1.18-mm)	70	30
#30 (600-μm)	71	29
#50 (300-μm)	74	26
#100 (150-μm)	77	23
#200 (75-μm)	78	22

Hydrometer Analysis

37-μm	0
24-μm	0
14-μm	0
10-μm	0
7-μm	0
3.5-μm	0
Colloids (<1-μm)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-26 @ 1.0 - 4.0'

September 20, 2012

Light Brown Silty Gravel (GM)

Specific Gravity = 2.65 (assumed)

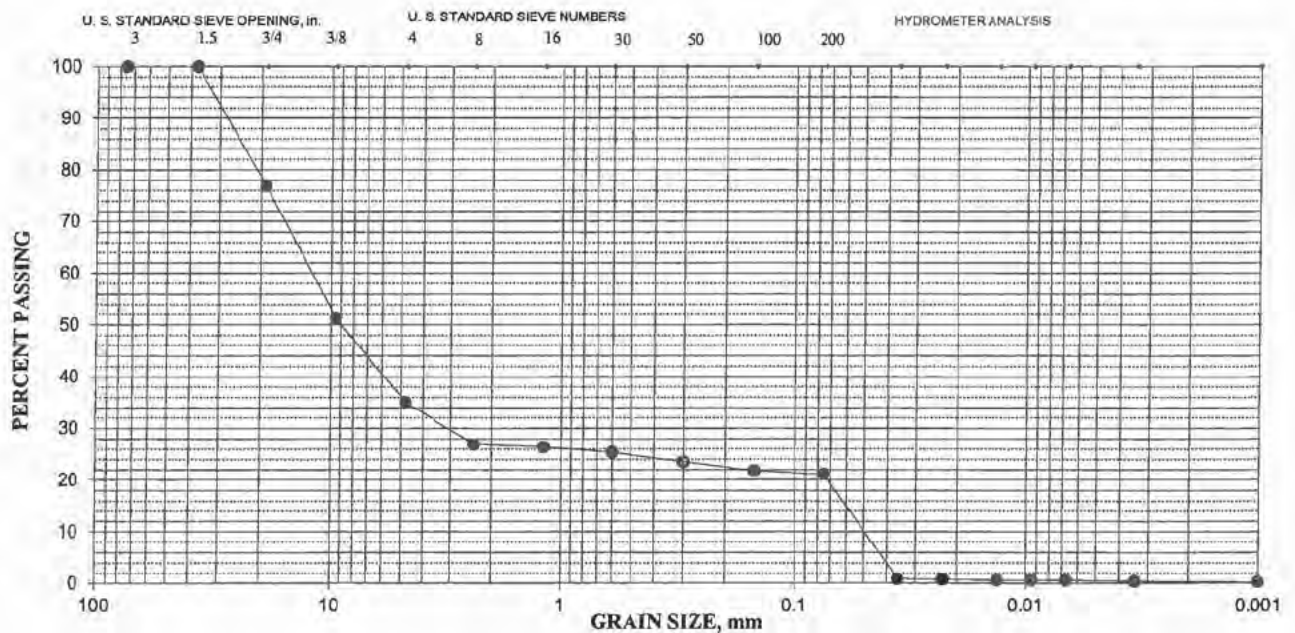
LL = 0; PL = 0; PI = 0

Gravel = 65%; Sand = 14%; Silt = 21%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	23	77
3/8" (9.5-mm)	49	51
#4 (4.75-mm)	65	35
#8 (2.36-mm)	73	27
#16 (1.18-mm)	74	26
#30 (600- μ m)	75	25
#50 (300- μ m)	77	23
#100 (150- μ m)	78	22
#200 (75- μ m)	79	21

Hydrometer Analysis

36- μ m	1
23- μ m	1
13- μ m	1
9- μ m	1
7- μ m	1
3.4- μ m	0
Colloids (<1- μ m)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-27 @ 4.0 - 9.0'

September 20, 2012

Light Brown Silty Gravel with Sand (GM)

Specific Gravity = 2.65 (assumed)

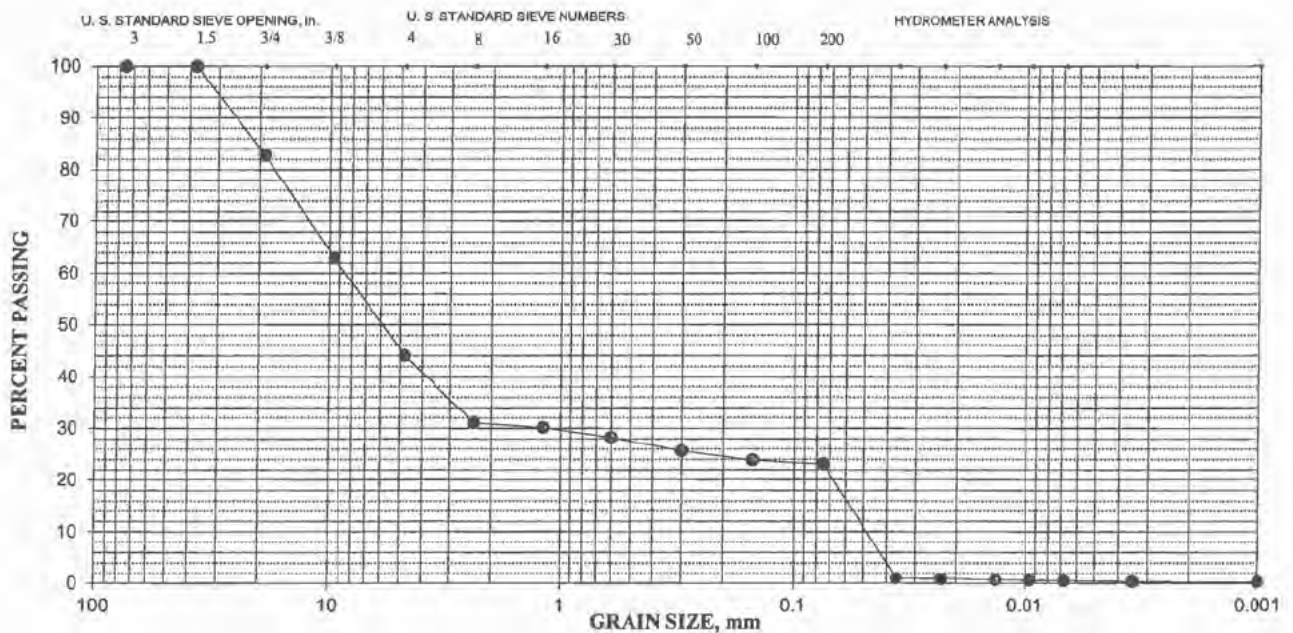
LL = 0; PL = 0; PI = 0

Gravel = 56%; Sand = 21%; Silt = 23%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	17	83
3/8" (9.5-mm)	37	63
#4 (4.75-mm)	56	44
#8 (2.36-mm)	69	31
#16 (1.18-mm)	70	30
#30 (600-μm)	72	28
#50 (300-μm)	74	26
#100 (150-μm)	76	24
#200 (75-μm)	77	23

Hydrometer Analysis

36-μm	1
23-μm	1
13-μm	1
10-μm	1
7-μm	0
3.4-μm	0
Colloids (<1-μm)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-28 @ 9.0 - 16.5'

September 20, 2012

Light Brown Silty Sand (SM)

Specific Gravity = 2.65 (assumed)

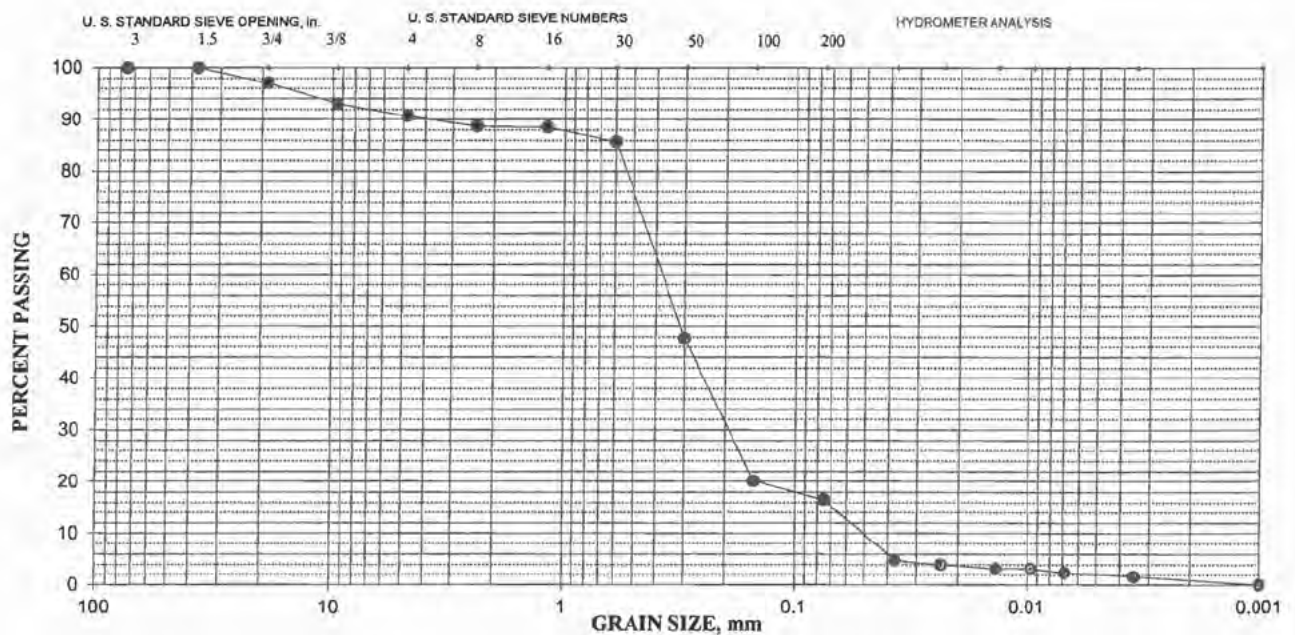
LL = 0; PL = 0; PI = 0

Gravel = 9%; Sand = 74%; Silt = 15%; Clay = 2%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	3	97
3/8" (9.5-mm)	7	93
#4 (4.75-mm)	9	91
#8 (2.36-mm)	11	89
#16 (1.18-mm)	11	89
#30 (600-μm)	14	86
#50 (300-μm)	52	48
#100 (150-μm)	80	20
#200 (75-μm)	83	17

Hydrometer Analysis

37-μm	5
23-μm	4
14-μm	3
10-μm	3
7-μm	2
3.4-μm	2
Colloids (<1-μm)	0



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-29 @ 16.5 - 21.5'

September 20, 2012

Light Brown Silty Sand (SM)

Specific Gravity = 2.65 (assumed)

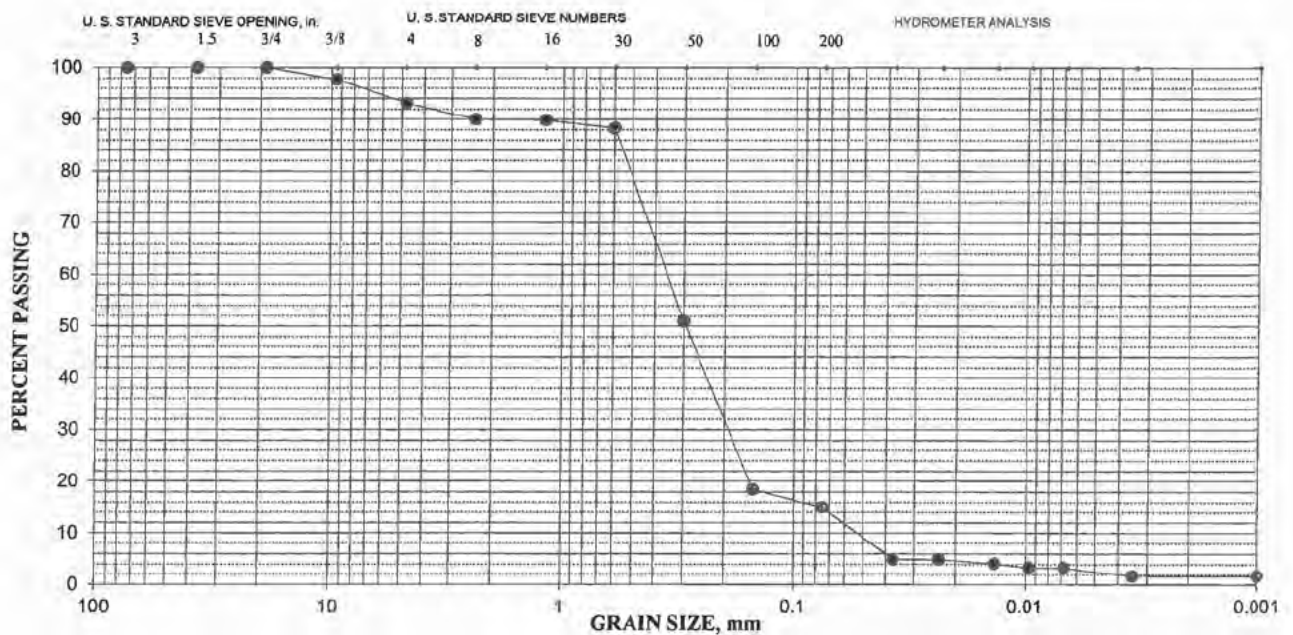
LL = 0; PL = 0; PI = 0

Gravel = 7%; Sand = 78%; Silt = 13%; Clay = 2%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	2	98
#4 (4.75-mm)	7	93
#8 (2.36-mm)	10	90
#16 (1.18-mm)	10	90
#30 (600-μm)	12	88
#50 (300-μm)	49	51
#100 (150-μm)	82	18
#200 (75-μm)	85	15

Hydrometer Analysis

37-μm	5
23-μm	5
14-μm	4
10-μm	3
7-μm	3
3.4-μm	2
Colloids (<1-μm)	2



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-30 @ 21.5 - 26.5'

September 20, 2012

Light Brown Poorly Graded Sand with Silt (SP-SM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

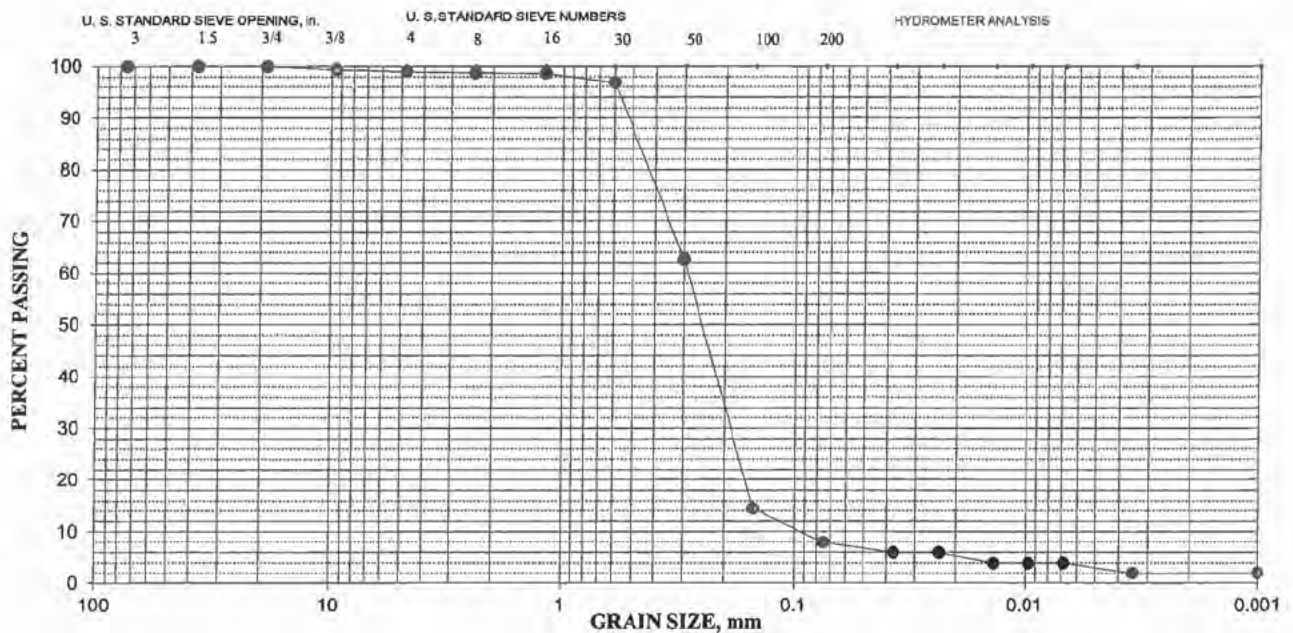
Gravel = 1%; Sand = 91%; Silt = 6%; Clay = 2%

Cu = 3.1; Cc = 1.3

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	1	99
#4 (4.75-mm)	1	99
#8 (2.36-mm)	1	99
#16 (1.18-mm)	1	99
#30 (600-μm)	3	97
#50 (300-μm)	37	63
#100 (150-μm)	86	14
#200 (75-μm)	92	8

Hydrometer Analysis

37-μm	6
23-μm	6
14-μm	4
10-μm	4
7-μm	4
3.4-μm	2
Colloids (<1-μm)	2



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-31 @ 26.5 - 31.5'

September 20, 2012

Light Brown Silty Sand (SM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

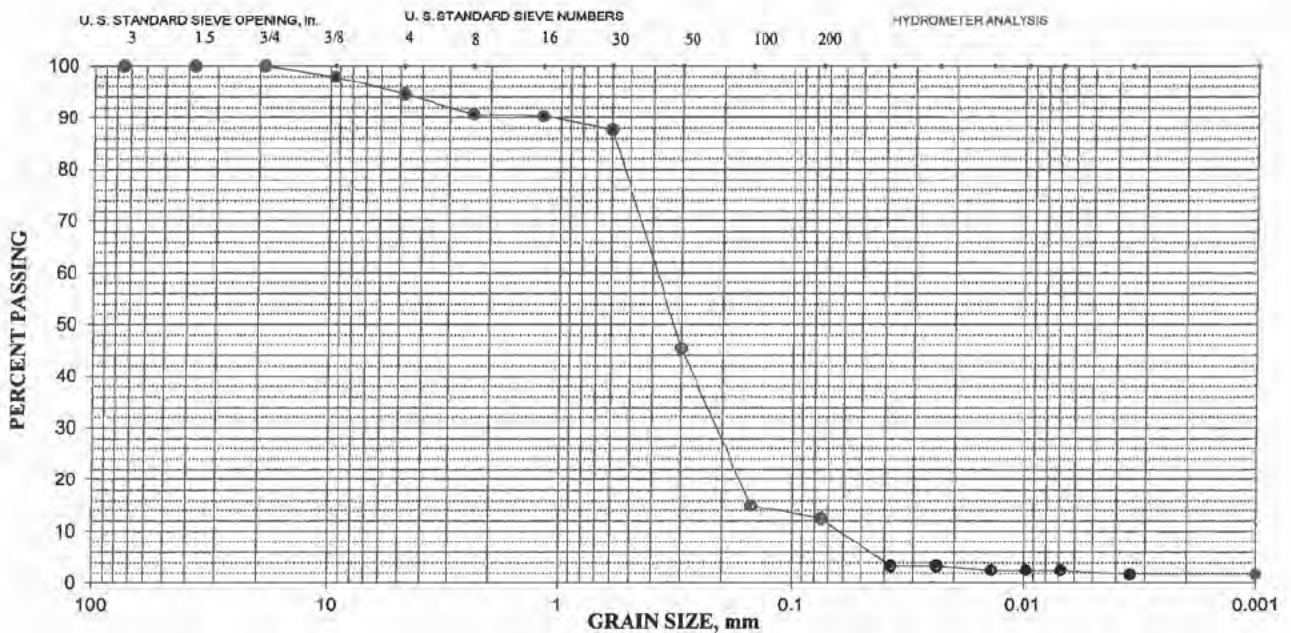
Gravel = 5%; Sand = 83%; Silt = 10%; Clay = 2%

Cu = 6.1; Cc = 1.9

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	2	98
#4 (4.75-mm)	5	95
#8 (2.36-mm)	9	91
#16 (1.18-mm)	10	90
#30 (600-μm)	12	88
#50 (300-μm)	55	45
#100 (150-μm)	85	15
#200 (75-μm)	88	12

Hydrometer Analysis

37-μm	3
24-μm	3
14-μm	2
10-μm	2
7-μm	2
3.4-μm	2
Colloids (<1-μm)	2



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-32 @ 31.5 - 36.5'

September 20, 2012

Light Brown Poorly Graded Sand with Silt (SP-SM)

Specific Gravity = 2.65 (assumed)

LL = 0; PL = 0; PI = 0

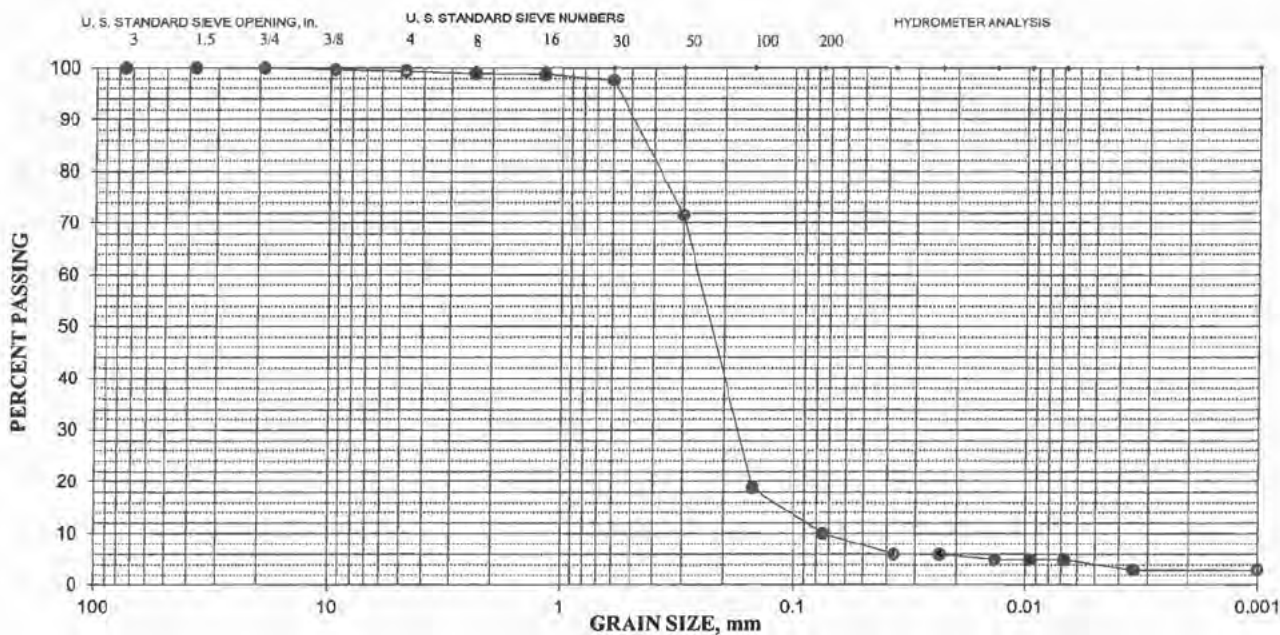
Gravel = 1%; Sand = 89%; Silt = 7%; Clay = 3%

Cu = 3.4; Cc = 1.6

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	0	100
3/8" (9.5-mm)	0	100
#4 (4.75-mm)	1	99
#8 (2.36-mm)	1	99
#16 (1.18-mm)	1	99
#30 (600-μm)	2	98
#50 (300-μm)	29	71
#100 (150-μm)	81	19
#200 (75-μm)	90	10

Hydrometer Analysis

37-μm	6
23-μm	6
14-μm	5
10-μm	5
7-μm	5
3.4-μm	3
Colloids (<1-μm)	3



PARTICLE-SIZE ANALYSIS of SOILS

ASTM D 422-02

Boring #4; S-32 @ 36.5 - 41.5'

September 20, 2012

Light Brown Silty Sand with Gravel (SM)

Specific Gravity = 2.65 (assumed)

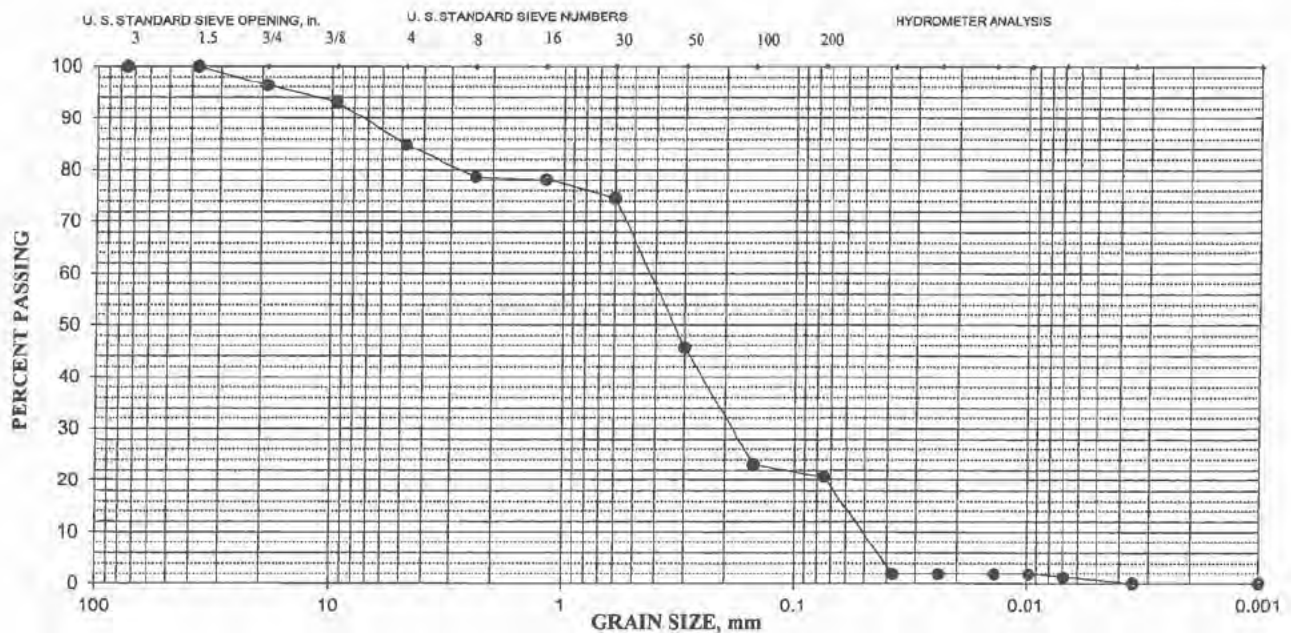
LL = 0; PL = 0; PI = 0

Gravel = 15%; Sand = 64%; Silt = 21%; Clay = 0%

Sieve Size	% Retained	% Passing
3" (75.0-mm)	0	100
1-1/2" (37.5-mm)	0	100
3/4" (19.0-mm)	4	96
3/8" (9.5-mm)	7	93
#4 (4.75-mm)	15	85
#8 (2.36-mm)	21	79
#16 (1.18-mm)	22	78
#30 (600-μm)	25	75
#50 (300-μm)	54	46
#100 (150-μm)	77	23
#200 (75-μm)	79	21

Hydrometer Analysis

38-μm	2
24-μm	2
14-μm	2
10-μm	2
7-μm	1
3.5-μm	0
Colloids (<1-μm)	0



REVIEW COMMENTS MATRIX

ANDRADE FENCE REPAIR

DATE: 10/3/2012
PROJECT
MILESTONE: 90% Submittal

A = concur, D = Do not concur, E = Exception, X = Delete

NO	Reviewer	Section	Review Comments	Action	Resolution	Responsible Party	Action Item	Status
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

From: (b) (6)
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
(b) (6); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: [EXTERNAL] Re: Missing As-Built's for PF225 Fence Segments in RGV (O-11 thru O-21)
Date: Thursday, August 11, 2016 8:23:39 AM

(b) (6), (b) (7)(C)

(b) (5)

Sent from my BlackBerry 10 smartphone.

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 11, 2016 6:40 AM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
(b) (6); (b) (6), (b) (7)(C); (b) (6)
Subject: [EXTERNAL] Re: Missing As-Built's for PF225 Fence Segments in RGV (b)(7)(E)

Great news - thanks (b) (6), (b) (7)(C)

(b) (5)

----- Original Message -----

From: (b) (6)
Sent: Wednesday, August 10, 2016 08:46 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C); (b) (6)
(b) (6)
Subject: RE: Missing As-Built's for PF225 Fence Segments in RGV (O-11 thru O-21)

(b) (6), (b) (7)(C)

A search of my laptop files has revealed that I have electronic copies of the as-builts for Segments O-11 through O-21A with the exception of Segments (b)(7)(E). Not all as-builts are in pdf format as some of the contractors provided CADD files in lieu of pdfs which are in dgn format. I've attempted to upload the pdf files to FITT but the browser times out due to the file size. FITT will not accept the dgn file format nor will it accept zip files. Consequently, I will burn them to a DVD and send it to you on Monday when I return to the office. I also found some construction photos so if you want copies of those let me know and I will add them to the DVD. Lastly, let me know the physical address you want me to send the DVD to.

Thanks,

(b) (6), (b) (7)(C), P.E.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 10, 2016 5:01 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
(b) (6)

Subject: [EXTERNAL] Missing As-Built's for PF225 Fence Segments in RGV (O-11 thru O-21)

Importance: High

Good Afternoon (b) (6), (b) (7)

Bottom line up front - we are requesting your help to locate or obtain a replacement set of PF225 as-built's; and we need it as soon as possible.

Specifically, we are in need of as-built drawings from construction of PF225 fence segments (O-11 thru O-21) in RGV - these are Cameron County fence segments.

Just FYI - we already have the as-built's for the other RGV fence segments that were in Hidalgo County (O-4 thru O-10), so we're good there.

In my discussions with (b) (6), (b) (7)(C), USACE definitely provided hard-copies and CD's to the BPFTI PM at the conclusion of the project.

However, those deliverables are currently MIA...and unfortunately copies were never uploaded into FITT's document library - (b) (6) already confirmed that they're not there.

If (b) (6), (b) (7)(C) search of his files in Galveston comes up empty/purged due to the time that has elapsed since the project was completed, and if you discover your office does not have them, we will need to explore soliciting the contractor(s) who originally produced them to generate a replacement set.

FYI - at this point, we really don't need hard copies, CD's would be sufficient I think.

Normally, this would be a back-burner request; however, circumstances are such that this is a priority issue.

(b) (5), (b) (7)(E)

Your help in this matter is greatly appreciated.

Thank you in advance!

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing

Border Patrol's proud legacy.

(b) (6), (b) (7)(C)

(b)(7)(E)

(b) (6)

-----Original Message-----

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 10, 2016 5:01 PM
To: (b) (6)
Cc: (b) (6); (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6) (b) (6)

Subject: [EXTERNAL] Missing As-Built's for PF225 Fence Segments in RGV (O-11 thru O-21)
Importance: High

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Specifically, we are in need of as-built drawings from construction of PF225 fence segments (O-11 thru O-21) in RGV - these are Cameron County fence segments.

Just FYI - we already have the as-built's for the other RGV fence segments that were in Hidalgo County (O-4 thru O-10), so we're good there.

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(b) (5), (b) (7)(E)

Your help in this matter is greatly appreciated.

Thank you in advance!

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing

Border Patrol's proud legacy.

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); [RGVTI](#); (b) (6) | (b) (6), (b) (7)(C)
(b) (6) | (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: RE: RGV - (b)(7)(E) Boat Ramp Repairs
Date: Wednesday, March 29, 2017 11:40:53 AM

(b) (6), (b) (7)(C)

(b) (6) and (b) (6) are in the field down there this week and part of that work is researching the public vs private nature of that road crossing the (b) (6) (b) (5)

(b) (5), (b) (6)
(b) (5) it would be a welcome addition to the pool of knowledge.

(b) (5)

(b) (5), (b)(6); (b)(7)(C) then have a discussion later in the week next week?

Thanks,

(b) (6)

(b) (6)
Chief, TI & Facilities Section
Interagency Support Branch
Real Estate Division
US Army Corps of Engineers
(b) (6) Office
(b) (6) BB

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, March 29, 2017 10:16 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) | [RGVTI](#) | (b) (7)(E) | (b) (6)
(b) (6), (b) (7)(C) | (b) (6)
(b) (6)
(b) (6), (b) (7)(C) | (b) (6)
(b) (6), (b) (7)(C)
Subject: [Non-DoD Source] RE: RGV - (b)(7)(E) Boat Ramp Repairs

(b) (6), (b) (7)(C)

Let's you, me, (b) (6), (b) (6) and (b) (6) speak to (b) (6) together.

Friday is free for me until 2pm EDT...otherwise, we could aim for Monday or Wednesday of next week.

If you can please coordinate a time with (b) (6), I'll send out a meeting invite with a call-in number.

(b) (5)

Thank you!

v/r

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 21, 2017 12:08 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) RGVTT (b) (7)(E); (b) (6)

(b) (6), (b) (7)(C)

(b) (6)

(b) (6)

(b) (6)

(b) (6)

(b) (6), (b) (7)(C)

Subject: RE: RGV - (b) (7)(E) Boat Ramp Repairs

Good Morning (b) (6), (b) (7)(C)

I spoke to (b) (6) (b) (5)

(b) (5), (b) (6) I informed him of the possibility of the call and he is good with it. Thanks let me know.

Respectfully,

(b) (6), (b) (7)(C)

Operations Officer

RGV Sector/Tactical Infrastructure

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

"Become the kind of leader that people would follow voluntarily, even if you had no title or position." --Brian Tracy

From: (b) (6), (b) (7)(C)

Sent: Friday, March 17, 2017 10:16 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) >; RGVTI

(b) (7)(E)

(b) (6)

(b) (6), (b) (7)(C)

(b) (6)

(b) (6)

(b) (6), (b) (7)(C)

(b) (6)

(b) (6), (b) (7)(C)

Subject: RE: RGV - (b)(7)(E) Boat Ramp Repairs

Thanks (b) (6), (b) (7)(C)

Respectfully,

(b) (6), (b) (7)(C)

Operations Officer

RGV Sector/Tactical Infrastructure

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

"Become the kind of leader that people would follow voluntarily, even if you had no title or position." --Brian Tracy

From: (b) (6), (b) (7)(C)

Sent: Friday, March 17, 2017 10:15 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (7)(E) (b) (6), (b) (7)(C) RGVTI

(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6)
(b) (6)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)

Subject: RE: RGV - (b)(7)(E) Boat Ramp Repairs

Good morning (b) (6), (b) (7)(C)

Yes sir - I will consult with (b) (6), (b) (7)(C), and we'll get back to you asap regarding who will reach out to (b) (6).
(b) (6) and what will be communicated.

v/r

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, March 17, 2017 10:34 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) RGVTI

(b) (7)(E) (b) (6)

(b) (6) (b) (6), (b) (7)(C)
(b) (6)
(b) (6) (b) (6)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)

Subject: RE: RGV - (b)(7)(E) Boat Ramp Repairs

Thank you (b) (6), (b) (7) I appreciate your quick response.

(b) (5)

* (b) (6)

(b) (5)

On another note the violence in this area doesn't stop as you can see in the below open source article.

Blockedhttp://www.themonitor.com/news/local/article_e6a0eff0-0aac-11e7-be20-5b8289d765fc.html
<Blockedhttp://www.themonitor.com/news/local/article_e6a0eff0-0aac-11e7-be20-5b8289d765fc.html>

Respectfully,

(b) (6), (b) (7)(C)

Operations Officer

RGV Sector/Tactical Infrastructure

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

"Become the kind of leader that people would follow voluntarily, even if you had no title or position." --Brian Tracy

From: (b) (6), (b) (7)(C)

Sent: Friday, March 10, 2017 11:33 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (7)(E) (b) (6), (b) (7)(C) RGVTI

(b) (7)(E)

,

(b) (6)

(b) (6), (b) (7)(C)

(b) (6)

(b) (6)

(b) (6), (b) (7)(C)

(b) (6)

(b) (6)

(b) (6), (b) (7)(C)

Subject: RE: RGV - (b) (7)(E) Boat Ramp Repairs

Importance: High

Good morning (b) (6), (b) (7)(C) in response to your below email -

(b) (5)

(b) (5)

(b) (5)

(b) (5), (b) (7)(E)



i. ACTION CURRENTLY UNDERWAY: USACE is in the process of performing that title research now, but it may take 3-4 weeks.

4. REF the attached Exhibit/Map (it highlights the "big picture")

a. The blue line is the portion of road that is paved, and that is generally understood to be public.

b. The landowner who signed the license now owns more land - he purchased a second parcel along the river, so he now owns (b) (6)

c. That leaves the yellow portion of road between (b) (6) (b) (7)(E)
That is what USACE is researching

(b) (5)



(b) (5), (b) (6)

d. PF225 (Unconstructed Segment O-1) CONDEMNATION ACTION:

i. CBP filed a Declaration of Taking (DT) for RGC-1045 along the river, and for all of the access road tracts. However, we never received a possession order before the O-1 segment cases were "paused" due to the effort to re-align the fence swath to meet IBWC's flood plain requirements.

(b) (5)

(b) (5)

I hope that helps...

If you would like to have a call on this next week, I'll tee it up.

v/r

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, March 10, 2017 10:43 AM

To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) > >; RGVTI
(b) (7)(E) | (b) (6), (b) (7)(C) (b) (6)
(b) (6), (b) (7)(C)
Subject: FW: RGV - (b)(7)(E) Boat Ramp Repairs

(b) (6), (b) (7)(C)

(b) (5)

(b) (5), (b)(6); (b)(7)(C)

Respectfully,

(b) (6), (b) (7)(C)

Operations Officer

RGV Sector/Tactical Infrastructure

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

"Become the kind of leader that people would follow voluntarily, even if you had no title or position." --Brian Tracy

From: (b) (6), (b) (7)(C)

Sent: Friday, February 24, 2017 3:04 PM

To: (b) (6), (b) (7)(C)

(b) (6)

Cc: (b) (6), (b) (7)(C)

RGVTI

(b) (7)(E)

Subject: RE: RGV -(b)(7)(E) Boat Ramp Repairs

(b) (6), (b) (7)(C)

Per our phone conversation,

(b) (5)

(b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Realty Specialist

Sev1tech, Inc.

Real Estate, Environmental & Leasing Division

US Customs and Border Protection

150 Westpark Way

Eules, TX 76046

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, February 24, 2017 2:44 PM

To: (b) (6), (b) (7)(C)
(b) (6)

Cc: (b) (6), (b) (7)(C) RGVTI
(b) (7)(E) | (b) (6), (b) (7)(C)

Subject: RE: RGV - (b)(7)(E) Boat Ramp Repairs

Importance: High

Good Afternoon All,

(b)(7)(E)

* See articles on the following links:

o Blocked<http://valleycentral.com/news/local/texas-department-of-public-safety-trooper-shot-in-starr-county>
<Blocked<http://valleycentral.com/news/local/texas-department-of-public-safety-trooper-shot-in-starr-county>>

o Blockedhttp://www.themonitor.com/news/local/trooper-shot-near-the-rio-grande/article_e2b81260-b347-11e6-96f3-7fc9b55d9def.html
<Blockedhttp://www.themonitor.com/news/local/trooper-shot-near-the-rio-grande/article_e2b81260-b347-11e6-96f3-7fc9b55d9def.html>

(b) (5), (b) (6)

Respectfully,

(b) (6), (b) (7)(C)

Operations Officer

RGV Sector/Tactical Infrastructure

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, February 24, 2017 2:10 PM

To: (b) (6), (b) (7)(C) (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: RE: RGV - (b)(7)(E) Boat Ramp Repairs

(b) (6), (b) (7)(C)

From a Real Estate perspective, in accordance with (b) (6) email below, (b) (5)

(b) (5)

(b) (6), (b)

(b) (6), (b) (7)(C)

Realty Specialist

Sev1tech, Inc.

Real Estate, Environmental & Leasing Division

US Customs and Border Protection

150 Westpark Way

Eules, TX 76046

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, February 24, 2017 1:40 PM

To: (b) (6)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RGV - (b)(7)(E) Boat Ramp Repairs

(b) (6) & (b) (6), (b) (7)(C)

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

QUESTIONS:

(b) (6)

(b) (5)

(b) (5), (b) (7)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

From:

(b) (6)

Sent: Wednesday, February 15, 2017 5:50 PM

To:

(b) (6), (b) (7)(C)

Cc:

(b) (6), (b) (7)(C)

(b) (7)(E)

(b) (6)

RGVTI

(b) (7)(E)

Subject: RE: RGV - (b)(7)(E) Boat Ramp Update
Importance: High

(b) (5), (b) (7)

(b) (5), (b) (6)

Respectfully,

(b) (6)

Realty Specialist

Interagency Support Branch

p. (b) (6)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, February 15, 2017 10:24 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

RGVTI (b) (7)(E)

(b) (6)

Subject: [EXTERNAL] RE: RGV - (b)(7)(E) Boat Ramp Update

Importance: High

(b) (5), (b) (7)

(b) (5)

(b) (5)

Respectfully,

(b) (6), (b) (7)(C)

Operations Officer

RGV Sector/Tactical Infrastructure

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, February 14, 2017 1:38 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

RGVTI (b) (7)(E)

Subject: RE: RGV - Bowers Boat Ramp Update

(b) (6), (b) (7)(C)

Thanks for the additional information.

(b) (5)

(b) (6)

(b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Realty Specialist

Sev1tech, Inc.

Real Estate, Environmental & Leasing Division

US Customs and Border Protection

150 Westpark Way

Eules, TX 76046

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, February 14, 2017 1:17 PM

To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

RGVTI (b) (7)(E)

Subject: RE: RGV - (b)(7)(E) Boat Ramp Update

(b) (6), (b) (7)(C)

Attached are two additional pictures of the previously provided document.

(b)(7)(E)

Respectfully,

(b) (6), (b) (7)(C)

Operations Officer

RGV Sector/Tactical Infrastructure

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, February 03, 2017 11:41 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: RGV - (b)(7)(E) Boat Ramp Update

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)

Respectfully,

(b) (6), (b) (7)(C)

Operations Officer

RGV Sector/Tactical Infrastructure

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, May 18, 2016 7:35:37 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)

Subject: RE: RGV -(b)(7)(E)Boat Ramp Update

I am sorry to hear this news, (b) (5) I thank you for the update and all the hard work placed in the attempt.

(b) (5)

Let's take a look at the latest ramp spreadsheet and go forward with the next one.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 17, 2016 5:15 PM

To: (b) (6), (b) (7)(C)

(b) (6)

Subject: RE: RGV - Bowers Boat Ramp Update

All,

(b) (5), (b) (6)

(b) (6), (b) (7)(C)

Sr. Program Mgmt. Specialist

CBP/BPFTI

DOS Logistics, Inc.

Direct: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Monday, May 16, 2016 7:33 AM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: RE: RGV - (b)(7)(E) Boat Ramp Update

Thanks (b) (6), (b) (7)(C) (b) (5) (b)(7)(E) (b) (5), (b) (6)
(b) (5)

(b) (6), (b) (7)(C) (b) (5)

From: (b) (6), (b) (7)(C)
Sent: Monday, May 16, 2016 6:30 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: RGV Boat Ramp Update

(b) (6), (b) (7)(C)

(b) (5)
(b) (5) I'll keep you posted on the clearance
for the road repairs.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP
Sr. Environmental Specialist

LMI Government Consulting
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

1331 Pennsylvania Avenue, NW,

Suite 1555, Mailstop 1102

Washington, DC 20229

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Friday, May 13, 2016 11:43 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: RGV Boat Ramp Update

Yes, you are correct.

(b) (5)

(b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)

Sent: Friday, May 13, 2016 10:19 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: RGV Boat Ramp Update

Importance: High

Good Morning (b) (6), (b) (7)(C)

(b) (5)

(b)(7)(E) Boat Ramp - 3/2016 construction began and then delayed due to high water and heavy water flow.
New estimate to be reviewed. (b) (5)

(b) (5), (b) (6)

(b) (5), (b) (7)(E)

Thank you.

Respectfully,

(b) (6), (b) (7)(C)

Operations Officer

RGV Sector/Tactical Infrastructure

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, May 13, 2016 9:25 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)


Subject: RGV Boat Ramp Update

Meeting held 5/12/2016 that addressed the following boat ramps:

RGV Boat Ramps

Attendees:

(b) (6), (b) (7)(C)



DECISIONS:

(b)(7)(E)



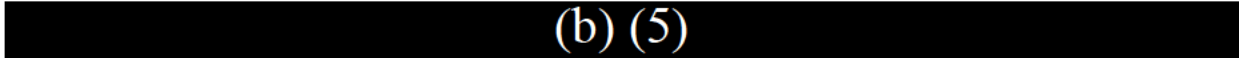
ACTIONS:

(b)(7)(E) Boat Ramp - Requesting estimate from contractor, (b) (5)
Once estimate has been received, (b) (5)

(b)(7)(E) Boat Ramp - Reviewing estimate, (b) (5)
(b) (5)

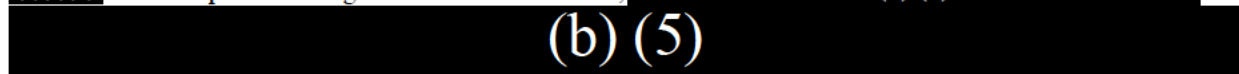
(b)(7)(E) Boat Ramp - 3/2016 construction began and then delayed due to high water and heavy water flow.
New estimate to be reviewed. (b) (5)

(b) (5)



(b)(7)(E) Boat Ramp - Reviewing estimate from contractor, (b) (5)

(b) (5)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) | (b) (6)
(b) (6), (b) (7)(C) | (b) (6) | (b) (6)
(b) (6) | (b) (6), (b) (7)(C)
Subject: Proposed New Boat Ramp in RGV Sector (b)(7)(E) - on (b) (6) property
Date: Friday, September 09, 2016 11:49:17 AM
Attachments: [RE Road - \(b\) \(6\) 708-cv-176.msg](#)
[O-1 DT Status Map \(3-8-16\) \(3\).pdf](#)
Importance: High

Good morning (b) (6), (b) (7)(C)

As you can see by the attached email chain, RGV Sector has proposed adding a new boat ramp for

(b) (5)

(b) (5) – we can have a call any time to discuss with all the key players at your convenience.

BACKGROUND:

(b) (5)

(b) (5)

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**
Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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Border Patrol's proud legacy.*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Road - (b) (6) 7:08-cv-176
Date: Friday, July 15, 2016 10:26:52 AM
Attachments: [image001.png](#)
[1467735578748_1467984854146.jpg](#)
[1467735616000_1467984854452.jpg](#)
Importance: High

Good Morning (b) (6), (b) (7)(C)

I just received word from the station regarding the road placement. (b) (5)

(b) (5)
(b) (5) Attached
are a couple of pictures for reference.

Respectfully,

(b) (6), (b) (7)(C)
Operations Officer
RGV Sector/Tactical Infrastructure
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, June 24, 2016 10:51 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Road - (b) (6), 7:08-cv-176

Attached is the larger map of O-1

From: (b) (6), (b) (7)(C)
Sent: Friday, June 24, 2016 11:47 AM
To: (b) (6), (b) (7)(C)
Subject: FW: Road - (b) (6) 7:08-cv-176

(b) (6), (b) (7)(C)

As discussed...

From: (b) (6)
Sent: Tuesday, May 31, 2016 1:18 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)

(b) (5)

(b) (5)

Thanks,

(b) (6)

Assistant U.S. Attorney
U.S. Attorney's Office - Southern District of Texas
600 E. Harrison, Ste. 201
Brownsville, TX 78520-5106

Phone: (b) (6)

Fax: (b) (6)

(b) (6)

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(b) (6), (b) (7)(E)



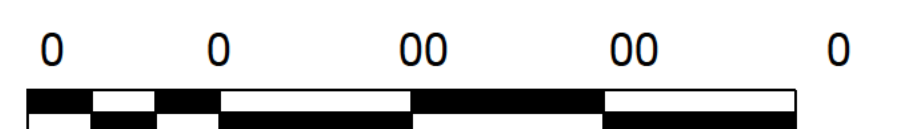
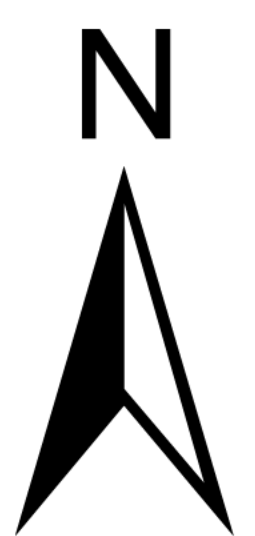
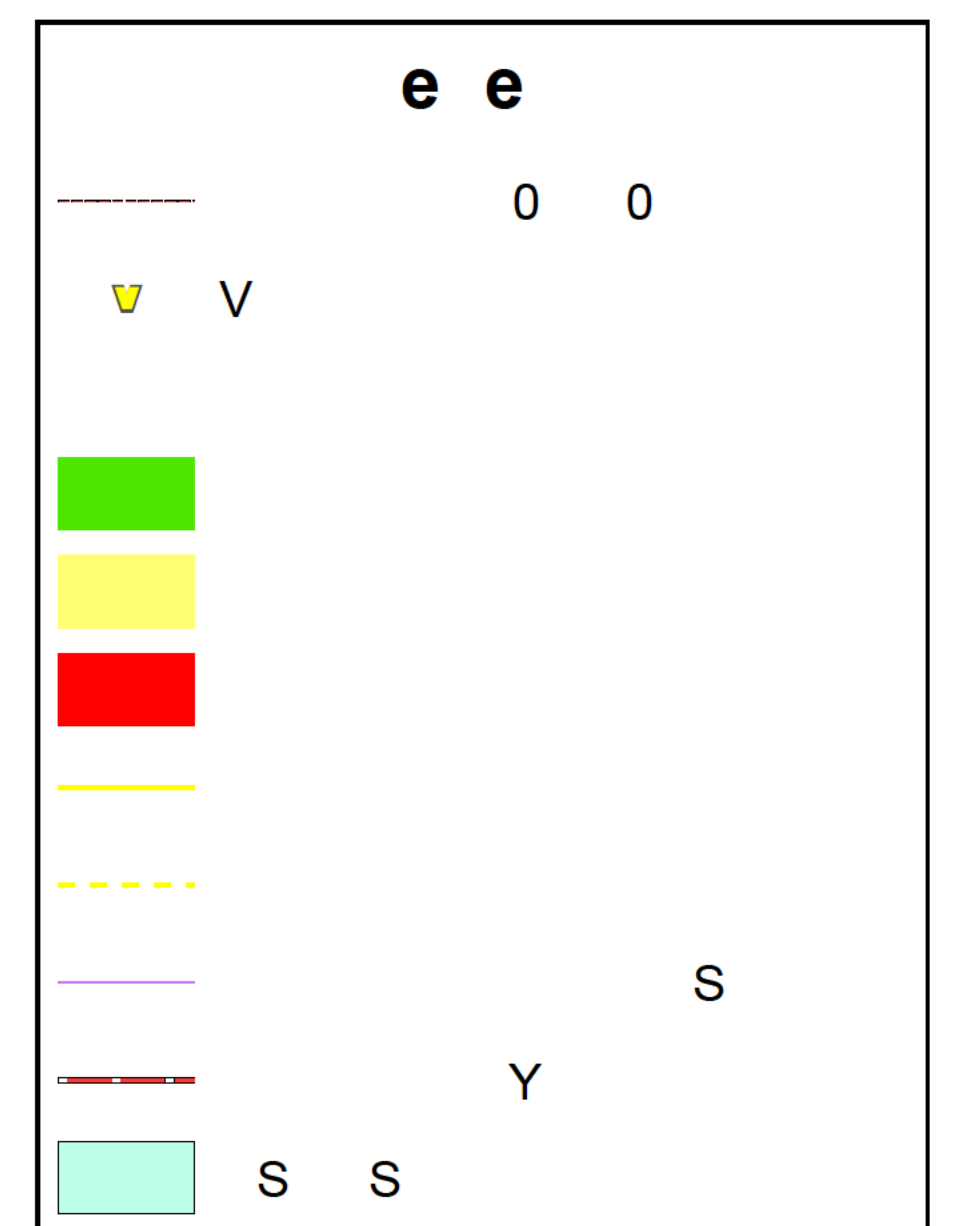
(b) (6), (b) (7)(E)



(b)(7)(E)

e es a e e
V Ma e es
e b) 7) E)

(b)(7)(E)



US Army Corps
of Engineers®

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) FOB purchase update meeting
Date: Tuesday, January 31, 2017 2:45:56 PM
Sensitivity: Private

(b) (6), (b) (7)(C)

Thank you. We are here to serve so anytime you have a question, issue or concern let me know via email or phone call, and we will get you answer or at least a response to which we will work the answer.

Regards,

(b) (6), (b) (7)(C), CBM, PMP
Director-Real Estate, Environmental and Leasing Services (REEL)
Border Patrol Air & Marine Program Management Office (BPAM PMO)
DHS-CBP-ES-FM&E
(b) (6), (b) (7)(C) (cell)



From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 31, 2017 2:38 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
Subject: RE: (b) (7)(E) FOB purchase update meeting
Sensitivity: Private

Sir,

Yes it does clarify what is happening. Thank you for getting us an answer so quickly. I guess it would have occurred to me had I simply contemplated the cost of building a bridge. I blame the hour of the day and insufficient amounts of coffee. Again, thank you and your team for all the hard work in keeping this effort moving in the right direction.

Respectfully,

(b) (6), (b) (7)(C)

Director, MRO

USBP HLT SHQ

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 31, 2017 1:35 PM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) FOB purchase update meeting

Sensitivity: Private

(b) (6), (b) (7)(C) Thank you. Brief and to the point.

(b) (6), (b) (7)(C), I hope this suffices your question.

Our Office continues to move forward to that RE action is completed.

Any questions, please call me.

Regards,

(b) (6), (b) (7)(C), CBM, PMP

Director-Real Estate, Environmental and Leasing Services (REEL)

Border Patrol Air & Marine Program Management Office (BPAM PMO)

DHS-CBP-ES-FM&E

(b) (6), (b) (7)(C) (cell)



From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 31, 2017 10:14 AM

To: (b) (6), (b) (7)(C)

[REDACTED]

Cc: (b) (6), (b) (7)(C)

[REDACTED]

Subject: RE: (b) (7)(E) FOB purchase update meeting

Sensitivity: Private

Good morning (b) (6), (b) (7)(C),

Sir:

This solution is what we refer to in real estate as a “cost to cure.” Often times, when land is acquired by the government, there are other reasonable and necessary concessions negotiated with the landowner that require monies in excess of the appraised value be added to the final compensation. For example, in acquisitions along the border for the border fence, we accommodated “cost to cure” to fund landowners’ removal and relocation of existing infrastructure that was in the path of fence – such as their boundary fence, or a water well. What we would never agree to was to move and rebuild a fence or a well for a landowner – that is on them. Resolving such issues is mutually beneficial to the government and to the landowner.

Here, we are curing access to the site. In doing so, the government is not incurring any commitment to be involved in the bridge’s construction (b) (5) nor in its future maintenance and repair.

In other words, as stated earlier, this is a one-time expense that will cure access to the site.

Please note, this has been coordinated and vetted with CBP Office of Counsel and BPAM PMO leadership; USACE would not have negotiated this with TNC were it otherwise.

All of that said, if you would like to have a more detailed discussion, we are happy to arrange a teleconference. We can invite OCC onto the call.

Please let me know if you would like to have that call, and we will arrange it.

v/r

(b) (6), (b) (7)(C)

[REDACTED]

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 31, 2017 8:52 AM

To: (b) (6), (b) (7)(C)

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Cc: (b) (6), (b) (7)(C)

[REDACTED]
[REDACTED]
[REDACTED]

Subject: RE: (b) (7)(E) FOB purchase update meeting

Sensitivity: Private

Yes. (b) (6), (b) (7)(C) can provide an overview. (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 31, 2017 8:50:32 AM

To: (b) (6), (b) (7)(C)

[REDACTED]
[REDACTED]

Subject: RE: (b) (7)(E) FOB purchase update meeting

All,

(b) (5)

(b) (5)

Your time and attention to this matter is greatly appreciated.

Respectfully,

(b) (6), (b) (7)(C)

Director, MRO

USBP HLT SHQ

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 31, 2017 12:55 AM

To: (b) (6), (b) (7)(C)

_____ (S) (S),

(b) (6)

Cc: (b) (6), (b) (7)(C)

[REDACTED] (b) (6) (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E) FOB purchase update meeting

Sensitivity: Private

(b) (6), (b) (7)(C) indicated, due diligence documentation will be necessary prior to acquiring the property. A Phase I Site Assessment is the typical level of documentation required in accordance with the CBP Due Diligence policy. We are looking into the possibility of reducing the level of documentation given the location and type of facility being acquired. However, a physical inspection of the property is likely going to be required. Completion of the due diligence is going to be dependent on ability to access the property. We will be coordinating with (b) (6), (b) (7)(C) on access.

From: (b) (6), (b) (7)(C)

Sent: Monday, January 30, 2017 1:34 PM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6)
(b) (6) (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E) FOB purchase update meeting
Sensitivity: Private

All,

It appears there was a mix-up with today's call, so I am providing an update for Real Estate & Environmental.

REAL ESTATE UPDATE:

USACE reached an agreement verbally with The Nature Conservancy (TNC).

As you all know, the nearby bridge once used for wheel vehicular access has been in disrepair, and thus impassable for some time.

(b) (5), (b)(6);(b)(7)(C)

ENVIRONMENTAL UPDATE:

Prior to completing the land acquisition, the PMO will complete a Phase-1 site assessment to make an initial determination as to whether there is any contamination at this site. My understanding is that (b) (6), (b) (7)(C) is coordinating that effort. (b) (6), (b) (7)(C) if you could provide a status update on the Phase-1, that'd be great.

Thank you – and a special thanks to (b) (6), (b) (7)(C) for leading the negotiations!

v/r

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

-----Original Appointment-----

From: (b) (6), (b) (7)(C)

Sent: Friday, October 14, 2016 11:57 AM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: FW: (b) (7)(E) FOB purchase update meeting

When: Monday, January 30, 2017 3:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: (b) (7)(E)

Sensitivity: Private

(b) (6), (b) (7)(C)

I can do this but if you want to let me know.

(b) (6), (b) (7)(C)

-----Original Appointment-----

From: (b) (6), (b) (7)(C)

Sent: Thursday, August 18, 2016 12:23 PM

To: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: (b) (7)(E) FOB purchase update meeting

When: Occurs every 2 week(s) on Monday effective 9/12/2016 from 3:00 PM to 4:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: (b) (7)(E)

Sensitivity: Private

(b) (7)(E)

<< Message: FW: Purchase of (b) (7)(E) FOB in Houlton Sector >>

<< File: (b) (7)(E) FOB acquisition PRD 091216.docx >>

2006 to 2013 – (b) (7)(E) Station was using the (b) (7)(E) facility to conduct western operations. It is owned by the Maine Forest Service (MFS) and is located on leased land from the Nature Conservancy (NC). (b) (7)(E) was sub-leasing bedroom space from the MFS

2013 – MFS advised (b) (7)(E) that they were no longer going to use the facility. (b) (7)(E) (PAIC (b) (6), (b) (7)(C)) did an issue paper proposing to purchase the facility for use as a FOB.

2013 – (b) (7)(E) submits proposal to HQ LEOD requesting (b) (7)(E) be designated as a FOB (was not prior to this) and for continued use.

Sept. 2013 – Chief (b) (6), (b) (7)(E) (B-1) approves (b) (7)(E) as a FOB, approves continued use of it and recommends the purchase of the facility.

2014 – Facility was appraised by MFS and 3 possible buy scenarios were created. Largest cost estimate was (b) (5)

(b) (5), (b)(6); (b)(7)(C)

(b) (5) – Budgeted funding was \$500K.

Spring 2015 – bridge that crosses river to get to camp is destroyed by ice.

May 2015 – HQ MRO (Facilities) advises (b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

June 2015 to January 2016 – ACE starts some very limited engagement with MFS and NC about the purchase.

April 2016 - Due to the bridge being knocked out and delay in the purchase process, NC decides it no longer wants to sell the land surrounding the camp – now wants only to lease the land. This results in some wavering by ACE/FME whether the purchase will continue. After some conversations with (b) (7)(E), purchase is to continue

May/June 2016 – land around FOB surveyed by contractor for ACE

August 2016 – FOB appraised by contractor for ACE.

The ACE POC for this project is (b) (6), (b) (7)(C) (Dallas/Fort Worth) at (b) (6), (b) (7)(C). He has been designated as the ACE person to contact if we have any questions or issues.

The FME Real Estate POC (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: ELP (b) (7)(E) Bridge Repairs
Date: Thursday, November 17, 2016 10:19:03 AM

Yes. Am aware. This is El Paso. So it is Western Corridor.

(b) (5)

(b) (5)

(b) (6), (b) (7)(C), CBM, PMP

Director-Real Estate, Environmental and Leasing Services (REEL)

Border Patrol Air & Marine Program Management Office (BPAM PMO)

DHS-CBP-ES-FM&E

(b) (6), (b) (7)(C) (cell)



From: (b) (6), (b) (7)(C)

Sent: Thursday, November 17, 2016 9:52 AM

To: (b) (6), (b) (7)(C)

Subject: FW: ELP (b) (7)(E) Bridge Repairs

(b) (6), (b) (7)(C) and (b) (6), (b) (7)(C)

This came across my desk. These were drafts that were done by (b) (6), (b) (7)(C). This project is again being considered. I believe this is in the Eastern Corridor. No PRD or funding has been approved.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Real Estate Lead and Program Manager

Real Estate and Environmental Services Division

Border Patrol Facilities and Tactical Infrastructure Program Management Office (BPFTI)

Facilities Management and Engineering (FM&E)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Thursday, November 17, 2016 9:47 AM

To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: ELP (b) (7)(E) Bridge Repairs

(b) (6), (b) (7)(C)

Attached is a construction cost estimate a certified cost engineer colleague of mine ((b) (6) , PE, CCE) prepared for the project based on concept repair sketches the owner prepared. The ROM construction cost estimate is (b) (5)

I have revised the project PRD to reflect the updated cost estimate. I have also added costs for the Corps of Engineers including, PM, design, construction and construction oversight bringing the total ROM estimated project cost to (b) (5).

I would also like to make some edits to the PRD risk registrar but I couldn't edit the image in the word file provided to me. If I could send me the template used to develop the risk registrar I will update it.

Finally, I took a shot at estimating key milestone dates for the project holding the target completion date (b) (5) My schedule assumptions need to be confirmed by (b) (6), (b) (7)(C) as all three have potential critical path activities that impact project delivery. (b) (5)

(b) (5)

Please let me know if you have any questions or concerns.

Best,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., PMP, Chief Engineer

LMI

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: ELP (b) (7)(E) Bridge Repairs
Date: Thursday, November 17, 2016 11:49:44 AM

Thanks

From: (b) (6), (b) (7)(C)
Sent: Thursday, November 17, 2016 8:31:02 AM
To: (b) (6), (b) (7)(C)
Subject: FW: ELP (b) (7)(E) Bridge Repairs

FYSA..... (b) (5)
(b) (5).

(b) (6), (b) (7)(C), CBM, PMP
Director-Real Estate, Environmental and Leasing Services (REEL)
Border Patrol Air & Marine Program Management Office (BPAM PMO)
DHS-CBP-ES-FM&E
(b) (6), (b) (7)(C) (cell)



From: (b) (6), (b) (7)(C)
Sent: Thursday, November 17, 2016 9:52 AM
To: (b) (6), (b) (7)(C)
Subject: FW: ELP (b) (7)(E) Bridge Repairs

(b) (6), (b) (7)(C) and (b) (6), (b) (7)(C),

This came across my desk. These were drafts that were done by (b) (6), (b) (7)(C). This project is again being considered. I believe this is in the Eastern Corridor. No PRD or funding has been approved.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Real Estate Lead and Program Manager
Real Estate and Environmental Services Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office (BPFTI)
Facilities Management and Engineering (FM&E)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Thursday, November 17, 2016 9:47 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6); (b) (6), (b) (7)(C)

Subject: ELP (b) (7)(E) Bridge Repairs

(b) (6), (b) (7)(C)

Attached is a construction cost estimate a certified cost engineer colleague of mine ((b) (6), PE, CCE) prepared for the project based on concept repair sketches the owner prepared. The ROM construction cost estimate is (b) (5)

I have revised the project PRD to reflect the updated cost estimate. I have also added costs for the Corps of Engineers including, PM, design, construction and construction oversight bringing the total ROM estimated project cost to (b) (5).

I would also like to make some edits to the PRD risk registrar but I couldn't edit the image in the word file provided to me. If I could send me the template used to develop the risk registrar I will update it.

Finally, I took a shot at estimating key milestone dates for the project holding the target completion date as (b) (5). My schedule assumptions need to be confirmed by (b) (6), (b) (7)(C) as all three have potential critical path activities that impact project delivery. (b) (5)

(b) (5)

Please let me know if you have any questions or concerns.

Best,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., PMP, Chief Engineer

LMI

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) | (b) (6) | (b) (6), (b) (7)(C)
Subject: RE: PF225/VF300 land costs broken out (DOJ requested in wake of Tuesday's Post article)
Date: Friday, March 24, 2017 5:39:11 PM

Yes pls share with (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
[Redacted]

From: (b) (6), (b) (7)(C)
Sent: Friday, March 24, 2017 5:37 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) | (b) (6) | (b) (6), (b) (7)(C)
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

Subject: PF225/VF300 land costs broken out (DOJ requested in wake of Tuesday's Post article)

(b) (6), (b) (7)(C),

As you're aware, the following article was run by the Washington Post, but they've apparently made a correction since it first launched on the internet on Tuesday:

https://www.washingtonpost.com/news/wonk/wp/2017/03/21/trumps-big-beautiful-wall-will-require-him-to-take-big-swaths-of-other-peoples-land/?utm_term=.71f784a6e196

In the *Post* article, it now states that, "The U.S. government has already spent \$78 million compensating private landowners, **as well as on land surveys and appraisals.**" {bold/underlined language is newly added by the Post since original release on 3/21}

(b) (5), (b)(6);(b)(7)(C)

[Redacted]

(b) (5)

With your permission, I'd like to share these figures with (b) (6), (b) (7)(C).

Thank you, and I hope y'all have a great weekend!

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**
Real Estate Program Manager
LMI Government Consulting
Border Patrol Air and Marine
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

*Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6)
Subject: CIR Documents
Date: Friday, June 21, 2013 9:47:49 AM
Attachments: NON-RESPONSIVE
Draft (b) (7)(E) CIR PRD.docx
(b) (7)(E) Fence Replacement Initial risk.xls

(b) (6), (b) (7)(C):

Attached are 3 documents: the first is a draft process flow for the PRD amendments. The open discussion amongst the three of us is timing to complete. (b) (5)

The other two documents are DRAFT versions of the amendment and risk matrix using (b)(7)(E) replacement fence as the location.

(b) (6), (b) (7)(C), PMP
PM, TI
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy

Program	Tactical Infrastructure	
FM&E # & Project Title	(b)(7)(E)	Fence Replacement
Date	6/19/2013	
Project Manager	(b) (6), (b) (7)(C)	
Project Base Cost Est.	\$	(b) (5)
PBC + Est. Impact	\$	(b) (5)

Border Patrol Facilities and Tactical Infrastructure

Risk Register



RISK MANAGEMENT SUMMARY RESULTS (planned)		
3 Point Impact Estimate		
Low	Medium	High
(b) (5)		
Total Expected Impact - Dollars	\$	(b) (7)(E)
Total Expected Impact - Days		598

(b) (5)

Program	Tactical Infrastructure	
FM&E # & Project Title	(b)(7)(D)	Fence Replacement
Date	6/19/2013	
Project Manager	(b) (6), (b) (7)(C)	
Project Base Cost Est.	\$	(b) (5)
PBC + Est. Impact	\$	

Border Patrol Facilities and Tactical Infrastructure

Risk Register



RISK MANAGEMENT SUMMARY RESULTS (planned)		
3 Point Impact Estimate		
Low	Medium	High
(b) (5)		
Total Expected Impact - Dollars	\$	(b) (7)(E)
Total Expected Impact - Days		598
Impact to Critical Path - Total Days		-

(b) (5)

Border Patrol Facilities Tactical Infrastructure PMO Risk Categories		
Category	Definition	Examples
(b) (5)		

(b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: Re: TI/Military Project and YUMA ENABLE Weekly Update 07/02/14
Date: Wednesday, July 02, 2014 2:12:25 PM

Thank you too...

From: (b) (6), (b) (7)(C)
Sent: Wednesday, July 02, 2014 02:08 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: TI/Military Project and YUMA ENABLE Weekly Update 07/02/14

(b) (6), (b) (7)(C) – Below are my updates for the week. I am headed out of the office shortly and will be out of the office tomorrow. Have a great July 4th!

-
TI/Military Weekly Update 07/02/14

- ELC (b) (7)(E) Road: FY14 Construction is complete (b) (5), (b) (7)(E)
(b) (5), (b) (7)(E)
- (b) (5)
- (b) (7)(E):
 - JTF-N Update: All FY14 road work has been completed to date. (b) (5)
(b) (5)
 - Forest Service Update: BPFTI is working with CBP Procurement on the Modification for the IAA in the amount of \$ (b) (5), (b) (7)(E)
(b) (5)
 - (b) (5)
- Coronado National Forest Service Road EA is due October 2014. PRD is drafted and provided to (b) (6), (b) (7)(C) for review and routing as of 4/24/2014.
- (b) (7)(E) Fence:
 - Construction started on 12/19/13
 - Substantial Completion was on 6/19/14

- Final walk through took place on 6/25/14
- Actuator is in transit to El Paso for installation at the LWC the week of July 7th.
- Closing out final construction punch list items and transitioning to M&R and Border Patrol.
- (b) (7)(E) Crossing: Right of Entry obtained for 1 private land owner (b) (6) and working to finalize ROE/OTS with (b) (5), (b) (6)
(b) (5)
- (b) (7)(E) Crossings: DOJ will hold a follow-up meeting with the Water District board in July 2014 to finalize the Declaration of Takings (DOT). SSEB was held from 5/20/14-5/21/14, and on 6/24/14 for Tech Review. (b) (5) The Base will include 3 Crossing, with an Option for the remaining 5 Crossing. (b) (5)

(b) (5)

- RGV (b) (7)(E) Phase 1 & 2 100% Drawings are available. FY14 Construction is complete as of 6/20/14 (b) (5)
- Laredo (b) (7)(E) Re-Vegetation contract to be awarded (b) (5) The PRD is currently being circulated for final signature.
- (b) (7)(E) Road PRD (FY15 MILCON) PRD was signed on 3/18/2014. Final 15% Designs were distributed on 4/9/2014. Real Estate obtained executed ROE-S clearance with the City of Laredo (b) (5)
- (b) (5)
- Yuma (b) (7)(E) Road Improvement PRD (FY15 MILCON) PRD was signed on 3/18/2014. Final 15% Designs were distributed on 4/9/2014. ENV and RE cleared for ROE.
- C-1 (b) (7)(E) Road Improvement PRD (FY15 MILCON) PRD was signed on 3/18/2014. Final 15% Designs were distributed on 4/9/2014. ENV and RE cleared for ROE.
- Future (FY15 & Beyond) MILCON Planning: Projected unit for Fronton (2 Unit), WDR (1 to 2 JTF-N Units; 1 National Guard Unit), and (b) (7)(E) (1 Unit).
- (b) (7)(E) Secondary Fence: Draft PRD was sent to BusOps on 6/30/2014 for final signature. D&D Funding approved in the amount of \$450K – to be placed on Equipment BPA and contract for material purchase. Environmental to complete MFR for clearance and finalizing possible 404 permit needs.
- (b) (7)(E) Pump Project: Meeting held with IBWC and CBP to discuss path forward between IBWC and the County. IBWC to make a decision on the path forward by the end of July 2014.

Yuma Lights ENABLE

- Field Demonstration of the lights took place the night of 1/4/14. BPFTI approved all designs on 5/8/14. Contractor submitted the Draft IGA, Contract and Financing Document to CBP on 5/31/14. (b) (5)

(b) (5)

(b) (5) Environmental is obtaining final signature on the additional CATEx needed for trenching.

○

(b) (5)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP

Project Manager, TI Project Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Real Estate Status Update
Date: Friday, September 13, 2013 5:23:23 PM

Thanks all.

From: (b) (6), (b) (7)(C)
Sent: Friday, September 13, 2013 05:19 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: Re: (b)(7)(E) Real Estate Status Update

Fyi for All-

Sunland Park has signed a ROE-S, and the Corps has contracted an appraisal.

These are significant positive developments. Thank you to (b) (6), (b) (7)(C) and the Corps RE team in Ft Worth!

I hope everyone has a great weekend!

V/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, August 30, 2013 02:55 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: (b)(7)(E) Real Estate Status Update

FYI for All-Concerned:

WESTERN PORTION of (b)(7)(E) FENCE 'RE GREEN':

We just today received our first signed ROE-C for the two Timberlake Properties (now BJTR Investments LP).

As you can see on the attached map set, this covers (Tracts (b) (7)(E)), which encompass the

western portion of the proposed work area – including the access in from the railroad crossing. So, we're 'RE Green' for the western half of the project.

EASTERN PORTION – STATUS & PATH FORWARD:

As for the eastern half of the project, there are two owners: the Union Pacific Railroad and Sunland Park Properties LLC.

I'm also attaching the RE Status Tracking spreadsheet that (b) (6) (USACE RE) has been updating for us each Thursday.



Special thanks to (b) (6) for his responsiveness and diligence in pursuing RE clearance as expeditiously as possible!

We're half-way there after formally energizing just three weeks ago!

I hope everyone has a great 3-day weekend!

Very Respectfully,

(b) (6), (b) (7)(C)

W: (b) (6), (b) (7)(C)

M: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 21, 2013 12:05 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Updated with Both Attachments - FW: (b)(7)(E) RE Map & RE Status Update

(b) (6), (b) (7)(C),

1. Sector confirmed that Tract (b) (7)(E) is the correct access point to the site.
2. Sector understands that Tract (b) (7)(E) will be very tight along the railroad lines, and you will get whatever space is available.

3. Staging in Tract (b) (7)(E) Some concerns were discussed that need to be considered.

(b) (5)

4. Another concern raised is (b) (5)

(b) (5)

(b) (5)

(b) (5) If anyone has a concern with either of those, please respond to this email. Thanks!

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 20, 2013 2:01 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Updated with Both Attachments - FW (b)(7)(E) RE Map & RE Status Update

(b) (6), (b) (7)(C),

I'll set up a call, maybe for tomorrow, so we can discuss the real estate plan for (b)(7)(E)

(b) (5) Please review the attached, and invite anyone you'd like.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, August 20, 2013 1:37 PM
To: (b) (6), (b) (7)(C)
Subject: Updated with Both Attachments - FW (b)(7)(E) RE Map & RE Status Update

(b) (6), (b) (7)(C), here you go.

To review:

1. Confirm access & staging
- 2.
- 3.

(b) (5)

FYI – The Corps has already commenced efforts to secure a Right of Entry for Construction (ROE-C) from impacted landowners.

I've attached the tracker sheet we've put together.

Here's the latest update notes from (b) (6) (Corps Realty Specialist):

(he's updating me weekly on status)

- 1) ROE-C's are all created
- 2) BJTR Investments (Timberlake) - made contact and sent ROE-C...we will be working with 5 members of the corporation, they are reviewing ROE-C
- 3) Sunland Park Properties - made contact with officer of corporation, he is forwarding on my request to the owner, following up
- 4) Union Pacific - Prior contact has retired, attempted to make contact, following up

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager

LMI

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

*Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.*

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subject: RE: (b)(7)(E) Real Estate Status Update
Date: Friday, September 27, 2013 12:17:11 PM

FYI for all-

Sunland Park Properties, LLC: As you will recall, Sunland Park was not willing to sign a ROE-C, but they agreed to sell the land. So, the Corps has ordered the appraisal for the Sunland Park properties, (b) (5) A formal appraisal is required due to the magnitude of this acquisition. Once complete, we will be ready to make an offer.

Union Pacific Rail Road (UPRR): UPRR has not yet come back to the Corps with their proposed edits to the proposed agreement; it's reportedly being routed through their hierarchy. The Corps is continuing to follow-up, and they hope to hear back within the next few weeks.

BJTR Investments: As you all know, we have a ROE-C for the BJTR tracts – so they're clear for real estate. To go ahead and complete the land acquisition as agreed to in the ROE-C, the Corps will first need to perform a survey. (b) (5)
(b) (5)

We continue to make great progress – Thanks again to (b) (6) and the whole Corps RE team!

Very Respectfully,

(b) (6), (b) (7)(C)
W: (b) (6), (b) (7)(C)
M: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, September 13, 2013 5:20 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6), (b) (7)(C)
Subject: Re: (b)(7)(E) Real Estate Status Update

Fyi for All-

Sunland Park has signed a ROE-S, and the Corps has contracted an appraisal.

These are significant positive developments. Thank you to (b) (6) and the Corps RE team in Ft Worth!

I hope everyone has a great weekend!

V/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, August 30, 2013 02:55 PM Eastern Standard Time

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

(b) (6), (b) (7)(C)

Subject: (b)(7)(E) Real Estate Status Update

FYI for All-Concerned:

WESTERN PORTION of (b)(7)(E) FENCE 'RE GREEN':

We just today received our first signed ROE-C for the two Timberlake Properties (now BJTR Investments LP).

As you can see on the attached map set, this covers (Tracts (b) (7)(E)), which encompass the western portion of the proposed work area – including the access in from the railroad crossing. So, we're 'RE Green' for the western half of the project.

EASTERN PORTION – STATUS & PATH FORWARD:

As for the eastern half of the project, there are two owners: the Union Pacific Railroad and Sunland Park Properties LLC.

I'm also attaching the RE Status Tracking spreadsheet that (b) (6) (USACE RE) has been updating for us each Thursday.

(b) (5)

Special thanks to (b) (6) for his responsiveness and diligence in pursuing RE clearance as expeditiously as possible!

We're half-way there after formally energizing just three weeks ago!

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Very Respectfully,

(b) (6), (b) (7)(C)

W: (b) (6), (b) (7)(C)

M: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 21, 2013 12:05 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Updated with Both Attachments - FW: (b)(7)(E) RE Map & RE Status Update

(b) (6), (b) (7)(C),

1. Sector confirmed that Tract (b) (7)(E) is the correct access point to the site.
2. Sector understands that Tract (b) (7)(E) will be very tight along the railroad lines, and you will get whatever space is available.
3. Staging in Tract (b) (7)(E) – Some concerns were discussed that need to be considered.

(b) (7)(E)

4. Another concern raised is (b) (7)(E)

(b) (5)

(b) (5)

(b) (5)

If anyone has a concern with either of those, please respond to this email. Thanks!

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 20, 2013 2:01 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Updated with Both Attachments - FW: (b)(7)(E) RE Map & RE Status Update

(b) (6), (b) (7)(C),

I'll set up a call, maybe for tomorrow, so we can discuss the real estate plan for (b)(7)(E)

(b) (5)

Please

review the attached, and invite anyone you'd like.

(b) (6), (b) (7)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 20, 2013 1:37 PM

To: (b) (6), (b) (7)(C)

Subject: Updated with Both Attachments - FW: (b)(7)(E) RE Map & RE Status Update

(b) (6), (b) (7), here you go.

To review:

1. Confirm access & staging

2.

3.

(b) (5)

FYI – The Corps has already commenced efforts to secure a Right of Entry for Construction (ROE-C) from impacted landowners.

I've attached the tracker sheet we've put together.

Here's the latest update notes from (b) (6) (Corps Realty Specialist):
(he's updating me weekly on status)

- 1) ROE-C's are all created
- 2) BJTR Investments (Timberlake) - made contact and sent ROE-C...we will be working with 5 members of the corporation, they are reviewing ROE-C
- 3) Sunland Park Properties - made contact with officer of corporation, he is forwarding on my request to the owner, following up
- 4) Union Pacific - Prior contact has retired, attempted to make contact, following up

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager

LMI

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

*Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.*

From: (b) (6), (b) (7)(C) on behalf of (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
[FM&E-BPFTI-TI](#); [FM&E-BPFTI-A&E](#); [FM&E-BPFTI-FAC](#); [FM&E-BPFTI-BOD](#)
Cc: (b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
Subject: Updated slides: RE/ENV PMR
Date: Monday, September 09, 2013 12:38:01 PM
Attachments: [BPFTI PMO RE ENV PMR Sept 2013 MASTER ALL v6 amb 090913.pdf](#)

All- minor update to slide 70. Feel free to print the update but we will talk to the new numbers.

<<BPFTI PMO RE ENV PMR Sept 2013 MASTER ALL v6 amb 090913.pdf>>

(b) (6), (b) (7)(C)

Office: (b) (6), (b) (7)(C)

-----Original Appointment-----

From: (b) (6), (b) (7)(C)
Sent: Friday, July 12, 2013 7:15 AM
To: (b) (6), (b) (7)(C)
FM&E-BPFTI-RE&ENV; (b) (6), (b) (7)(C)
(b) (6)
(b) (6)
(b) (6), (b) (7)(C)
FM&E-BPFTI-TI; FM&E-BPFTI-A&E; FM&E-BPFTI-FAC;
FM&E-BPFTI-BOD
Cc: (b) (6), (b) (7)(C)
(b) (6)
(b) (6)
(b) (6)
Subject: RE/ENV PMR
When: Monday, September 09, 2013 1:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: VTCs/ (b) (7)(E)

9/9- final slides attached. Please print a copy for the meeting.

<< File: BPFTI PMO RE ENV PMR Sept 2013 MASTER ALL final amb 090913.pdf >>

All,

The next RE/ENV PMR will be held on Monday, September 9. Slides forthcoming. All VTCs have been booked.

CBP Office of Administration

Facilities Management and Engineering

Border Patrol Facilities and Tactical Infrastructure PMO
RE/ENV Division Program Management Review
September 9, 2013



U.S. Customs and
Border Protection



Agenda



Part 1: REAL ESTATE BRANCH

- I. Budget Overview
- II. CTIMR Overview
- III. RE Activities- TI
- IV. RE Activities- Facilities
- V. RE Activities – Towers
- VI. FITT Update

Part 3: ENVIRONMENTAL BRANCH

- I. Budget / BPA Status
- II. Current Actions/Projects
 - TI
 - Facilities
 - Mitigation
 - Range Remediation

Part 2: LEASING BRANCH

- I. Leasing Organization and Functional Areas
- II. Facilities Leasing by Program Corridors (Holdover/Renewal/New)
- III. Tower Leasing Program
- IV. TRIRIGA
- V. Planning and Early Requirements Development
- VI. Budget and Finance
- VII. Lease Administration



RE / Env Division – Organization Chart



(b) (6), (b) (7)(C)



PART 1: REAL ESTATE BRANCH UPDATE



Real Estate Branch- Agenda



I. Budget Overview

II. CTIMR Overview

III. RE Activities- TI

- PF225 RE/Acquisition Litigation
- Rio Grande Valley Sector
- Laredo Sector
- El Paso Sector
- Tucson Sector
- San Diego Sector

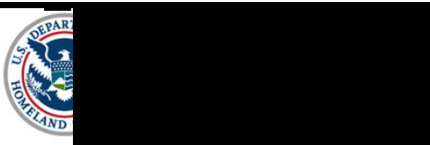
IV. RE Activities- Facilities

- Rio Grande Valley, Laredo, Del Rio Sectors
- El Paso Sector
- Tucson Sector
- Misc Activities- Multiple Sectors

V. RE Activities – Towers

- New Towers Status
- Tower Maintenance & Repair Program (TMRP) Status

VI. FITT Update



I. Budget Overview



Real Estate- Budget Status

(b) (6), (b) (7)(C)



TI REAL ESTATE FUNDING STATUS - 26aug13						
PF225 REAL ESTATE - RWA 20028710						
-	<u>AUTHORIZED AMT</u>	<u>OBLIGATED AMT</u>	<u>EXPENDITURES</u>	<u>UDO'S</u>	<u>OPEN COMMITMENTS</u>	<u>AVAILABLE</u>
<u>PF225 REAL ESTATE TOTALS:</u>	(b) (5)					
SDC BIS REAL ESTATE - RWA 20028711						
-	<u>AUTHORIZED AMT</u>	<u>OBLIGATED AMT</u>	<u>EXPENDITURES</u>	<u>UDO'S</u>	<u>OPEN COMMITMENTS</u>	<u>AVAILABLE</u>
<u>SDC BIS REAL ESTATE TOTALS</u>	(b) (5)					
CTIMR REAL ESTATE - RWA 20050392						
-	<u>AUTHORIZED AMT</u>	<u>OBLIGATED AMT</u>	<u>EXPENDITURES</u>	<u>UDO'S</u>	<u>OPEN COMMITMENTS</u>	<u>AVAILABLE</u>
<u>CTIMR REAL ESTATE TOTALS:</u>	(b) (5)					
TI (b) (7)(E) TOWERS - RWA 20060545						
-	<u>AUTHORIZED AMT</u>	<u>OBLIGATED AMT</u>	<u>EXPENDITURES</u>	<u>UDO'S</u>	<u>OPEN COMMITMENTS</u>	<u>AVAILABLE</u>
<u>TI RVSS TOWER REAL ESTATE TOTALS</u>	(b) (5)					
IFT site prep (b) (7)(E) - RWA 20068934						
-	<u>AUTHORIZED AMT</u>	<u>OBLIGATED AMT</u>	<u>EXPENDITURES</u>	<u>UDO'S</u>	<u>OPEN COMMITMENTS</u>	<u>AVAILABLE</u>
<u>IFT REAL ESTATE TOTALS:</u>	(b) (5)					



I. CTIMR Overview



CTIMR Overview– All Sectors

(b) (6), (b) (7)(C)



As of August 22, 2013

CTIMR Work Category	As of April 2, 2010		As of August 22, 2013 (Green- Green)	Total CTIMR Requirements
Fence & Gates (miles/count)	546/340		640/1159	*701/1173
Roads & Bridges/Boat ramps (miles/count/count)	644/0/0		963/13/0	3979/24/8
Vegetation Control Debris removal (count/acres/miles)	254/40/391		234/295/616	235/1033/1110
Drainage & Grates (count) Culverts and Low water crossings	132		380	415
Lighting & Electrical (count)	1087		1304	1304

10704 miles of fence need road clearance

Area 1 Baseline July 30, 2010
Area 4 Baseline September 24, 2010
Area 2 & 3 Baseline October 8, 2010



III. RE Activities: TI Update



Real Estate - TI Status PF225 Litigation

(b) (6), (b) (7)(C)



(b) (5), (b) (7)(E)



Real Estate- TI Status - RGV

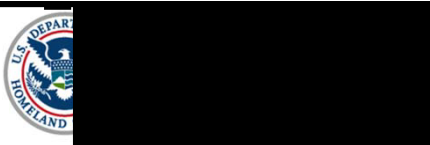
(b) (6), (b) (7)(C)



Current Actions:

1. **RGV Gates: 100%** of the (b) (7)(E) are RE Certified for Construction, but (b) (7)(E) have RE issues:
 - (b) (7)(E) are pending utility easements and assignments that may not come within Weston's contracted performance schedule. Gates may require testing via generator.
 - (b) (7)(E) (at (b) (5)) are constructed and are cleared by a ROE-C. But, negotiation reached an impasse – DT currently in legal review.
 - (b) (7)(E) is constructed, but learned access road is public (county owned). Cannot close gate until road is acquired. Likely will require DT.
 - (b) (7)(E) RE Certified by ROE-C's. Negotiations underway for all required tracts.
 - (b) (7)(E) RE Certified, with plans to use alternate access route. Preferred route in negotiation; will be 'donated'.

Estimated completion: October 2013



Real Estate- TI Status - RGV (con't)

(b) (6), (b) (7)(C)



Litigation Status/Open Items:

(b) (5), (b) (7)(E)



Real Estate- TI Status - RGV (con't)

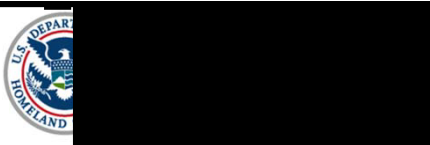
(b) (6), (b) (7)(C)



Upcoming PRDs

1. O-1- O-3 Fence Segments

- ROM RE Budget: \$43M
- **Projected RE Schedule:** (Assumes 35% design at 6-month mark, 6 months from DT filing to Possession)
 - **O-3:** (b) (7)(E) (15 Months –Hidalgo County; owners ID'd; title work underway)
 - **O-1:** (b) (7)(E) (23 Months – Starr County; forecast 12 months for title work)
 - **O-2:** (b) (7)(E) (26 Months – Starr County + more new owners; forecast 15 months for title work)
- **Key Assumptions:**
 - **188 Tracts** (95% of which will require condemnation)
 - O-1 (63 tracts), O-2 (100 tracts), O-3 (25 tracts)
 - **35 Relocations**
 - O-1 (25 Relos), O-2 (2 Relos), O-3 (8 Relos)
- **Land Acquisition Options:** (will be evaluated tract-by-tract)
 - Install Gate & Provide Access Cure (buy fee swath, Damage 50% to riverside and 25% to dry side)
 - No Gate & No Access Cure (buy fee swath and 100% Riverside – no damage to dry side)



Real Estate- TI Status - RGV (con't)

(b) (6), (b) (7)(C)



Upcoming PRDs (con't)

2. Phase 2 Gates

- Originally (b) (7)(E), now (b) (7)(E) – because Phase-1 option not exercised
- Rough Order of Magnitude (ROM) RE Budget (*based on* (b) (7)(E)): **\$32M to \$51M**, includes:
 - Estimate approximately 240 condemnations (*new and amended*)
 - Acquiring roughly 35 acres of property for construction (*avg \$4,000 per acre*)
 - Compensating for value damages to impacted property (*roughly 9,000 acres*)
 - U.S. Army Corps of Engineers (USACE) and Department of Justice (DOJ) support
 - Required surveys, appraisals and title work
 - Potential for business and residential relocations



CTIMR Summary – RGV

(b) (6), (b) (7)(C)

As of August 22, 2013

CTIMR Work Category	As of April 2, 2010 (Original Baseline)	As of September 24, 2010 (CTIMR Baseline)	As of August 22, 2013 (Green-Green)	Total CTIMR Requirements
Fence & Gates (miles/count)	49/NA	50/NA	54/6	54/6
Roads & Bridges/Boat ramps (miles/count/count)	98/NA/NA	99/NA/NA	99/NA/NA	664/NA/NA
Vegetation Control Debris removal (count/acres/miles)	48/0/57	55/0/94	16/0/94	*16/449/550
Drainage & Grates (count)	0	1	1	1
Lighting & Electrical (count)	38	38	0	0

*veg/deb points are pending



Baseline Area 4 September 24, 2010

Real Estate- TI Status- LRT & DRT

(b) (6), (b) (7)(C)



Current Actions – RE Clearance for M&R Activities:

1. Boat ramps and related access (LRT)

- (b) (6) – ROE executed May 2013. Lease approved and in execution . Survey & GLO easement to follow initial M&R work.
- City of Laredo – Easement acquired in 2012. Street address secured August 2013.

2. Vegetation control in POE bridge areas (LRT)

- Private landowners (2) – Informal written clearance obtained 2012. License agreements presented Jan 2013 (one executed Feb 2013; one awaiting landowner response).
- City of Laredo – Informal written clearance obtained 2012. License agreement to be requested.

3. Phase II and Phase III Roads (LRT & DRT)

- Multiple landowners in (b) (7)(E) AOR (6 miles; 7 properties; 23 total landowners) – Licensing effort in progress. Current status: 4 executed agreements; 1 refusal; 2 awaiting landowner response.
- Union Pacific Railroad (10.5± miles along UPRR tracks in Val Verde County) – ROE to perform broad range of one-time M&R actions executed by CTIMR contractor July 2013.



CTIMR Summary – (b) (7)(E)

(b) (6), (b) (7)(C)

As of August 22, 2013

CTIMR Work Category	As of April 2, 2010 (Original Baseline)	As of September 24, 2010 (CTIMR Baseline)	As of August 22, 2013 (Green-Green)	Total CTIMR Requirements
Fence & Gates (miles/count)	1/1	1/3	1/3	1/3
Roads & Bridges/Boat ramps (miles/count/count)	0/NA/NA	2/NA/NA	2/1/0	65/1/3
Vegetation Control Debris removal (count/acres/miles)	NA/0/NA	NA/9/NA	NA/9/NA	NA/9/NA
Drainage & Grates (count)	0	7	7	13
Lighting & Electrical (count)	NA	NA	NA	NA

Baseline Area 4 September 24, 2010



CTIMR Summary – BBT

(b) (6), (b) (7)(C)

As of August 22, 2013

CTIMR Work Category	As of April 2, 2010 (Original Baseline)	As of October 8, 2010 (CTIMR Baseline)	As of August 22, 2013 (Green-Green)	Total CTIMR Requirements
Fence & Gates (miles/count)	5/3	5/3	5/3	5/3
Roads & Bridges/Boat ramps (miles/count/count)	5/NA/NA	5/NA/NA	5/NA/NA	206/NA/NA
Vegetation Control Debris removal (count/acres/miles)	1/NA/1	1/NA/1	6/NA/1	6/NA/1
Drainage & Grates (count)	NA	NA	NA	NA
Lighting & Electrical (count)	NA	NA	NA	NA

Area 3 Baseline October 8, 2010



CTIMR Summary – DRT

(b) (6), (b) (7)(C)

As of August 22, 2013

CTIMR Work Category	As of April 2, 2010 (Original Baseline)	As of September 24, 2010 (CTIMR Baseline)	As of August 22, 2013 (Green-Green)	Total CTIMR Requirements
Fence & Gates (miles/count)	3/19	3/19	4/31	4/31
Roads & Bridges /Boat ramps (miles/count/count)	16/0/0	6/1/0	18/1/0	1091/3/4
Vegetation Control Debris removal (count/acres/miles)	20/40/4	20/40/4	20/47/4	20/47/4
Drainage & Grates (count)	NA	NA	1	1
Lighting & Electrical	NA	NA	NA	NA

Baseline Area 4 September 24, 2010



Real Estate- TI Status - EPT

(b) (6), (b) (7)(C)



Current Actions – RE Clearance for M&R Activities:

1. Phase III roads

- o **Animas Foundation** (20± miles on ~495,000-acre property) – Agreement in concept reached April 2013 for CBP-funded, Animas-executed M&R work plan. Additional negotiation required.
- o **BLM** (50 miles, 34 segments, 12 roads) – ROW permit application submitted Aug 2012. On hold pending resolution of BLM-proposed cost reimbursements.
- o **NM State Land Trust** (28 miles, 27 segments, 10 roads) – ROW permit pre-application meeting held Nov 2012. On hold pending resolution of BLM cost & NM fee issues.
- o **Private landowners** (40 miles, 15 segments, 13 roads) – License agreement with PacWest in negotiation (30 miles). Others on hold (10 miles).

2. Other

- o **(b) (7)(E) tower/access** (8 properties, 8 owners) – All required ROEs executed. Survey underway, with easement acquisition to follow.
- o **(b) (7)(E) Rd bypass** (1 property/owner) – New ROE executed. Survey/site assessment in progress. Easement acquisition to follow.
- o **Broken TXDOT culvert under (b) (7)(E) fence access road** – Ownership validated. Further action pending agreement between CBP and TXDOT.



CTIMR Summary – EPT

(b) (6), (b) (7)(C)

As of August 22, 2013

CTIMR Work Category	As of April 2, 2010 (Original Baseline)	As of October 8, 2010 (CTIMR Baseline)	As of August 22, 2013 (Green-Green)	Total CTIMR Requirements
Fence & Gates (miles/count)	171/184	172/186	184/250	184/250
Roads & Bridges/Boat ramps (miles/count/count)	187/0/NA	205/3/NA	142/3/NA	437/8/NA
Vegetation Control Debris removal (count/acres/miles)	92/NA/127	92/NA/153	92/NA/185	92/NA/195
Drainage & Grates (count)	41	60	115	138
Lighting & Electrical (count)	107	60	107	107

Area 3 Baseline October 8, 2010



Real Estate- TI Status- EPT

(b) (6), (b) (7)(C)



Current Actions (cont.):

1. (b) (7)(E) **Gap:** RE is Certified for Construction following possession of 3 DTs, however:

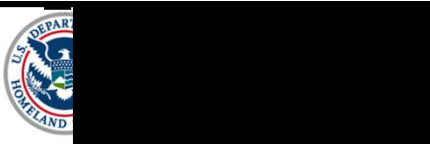
(b) (5)

2. (b) (7)(E) **Crossings:**

- 5 of 8 check-final surveys complete; in technical review before turning over to IBWC for review.
- IBWC should then formally concur with surveys and with DOJ's legal determination
- Condemnation to quiet title should be filed in early-mid November timeframe.
- 3 crossings will be 'Green' once Possession Order issued. Other 5 await access/staging – will be contract options

3. (b) (7)(E) **(Milcon):** (*Access road & staging area on private land; Crossing on IBWC land*)

- Negotiations pending (*for access & staging*)
- Title work nearly done; offers will be made once title work is complete
- Drafted letter to Hudspeth County asserting crossing is on IBWC land; will require condemnation to quiet title



Real Estate- TI Status - EPT

(b) (6), (b) (7)(C)



Upcoming PRDs:

1. (b)(7)(E)

- ROM RE Budget: \$800,000
- Sector constructed (b)(7)(E) mile of landing mat fence in 1995/96, assumed to be in Roosevelt Reservation (RR)
- Later determined that approx. (b)(7)(E) mile falls within a gap in the RR

(b) (5)



Real Estate- TI Status – TCA (On TON)

(b) (6), (b) (7)(C)



Current Actions

1. **TON Required Roads** (*approx. 160 miles of road*)
 - Committed to performing centerline surveys necessary for a permit; commencing top-priority roads first
2. **TON Fence & Border Road Constructed along Fence:** (constructed under resolution)
 - Committed to obtain Bureau of Indian Affairs (BIA) Right of Way for portions of fence & border road that jut out of the Roosevelt Reservation (RR). Intent is to survey those areas along with the road surveys.
3. **Drainage Improvement Project (DIP):** (de-scoped from border-wide DIP; RE in planning for over 3 years)

(b) (7)(E)

(b) (7)(E)



Real Estate- TI Status - TCA

(b) (6), (b) (7)(C)



Current Actions:

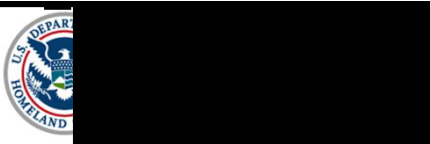
1. BMGR - Memorandum of Understanding (MOU) and License Agreement in negotiations - approximately (b) (7)(E) of CTIMR roads
2. Securing Rights for required M&R roads on State of Arizona Lands – Working with State to file three separate applications (1 for each county). Applications will be filed by mid-September.

Litigation Status/Open Items:

(b) (5)

Upcoming PRDs:

1. Replacement of landing mat fence – (*pending CIR*)
2. Six camps to FOB in Tucson – (*pending CIR*)



CTIMR Summary – TCA

(b) (6), (b) (7)(C)

As of August 22, 2013

CTIMR Work Category	As of April 2, 2010 (Original Baseline)	As of October 8, 2010 (CTIMR Baseline)	As of August 22, 2013 (Green-Green)	Total CTIMR Requirements
Fence & Gates (miles/count)	155/23	155/309	156/516	*210/516
Roads & Bridges/Boat ramps (miles/count)	131/0/NA	240/1/NA	388/2/NA	1015/2/NA
Vegetation Control Debris removal (count/acres/miles)	74/NA/49	79/NA/51	79/NA/51	80/NA/51
Drainage & Grates / Cattle Guards (count)	54/0	123/0	175/5	177/24
Lighting & Electrical (count)	354	354	354	354

(b) (6) miles of fence need road clearance

Area 2 Baseline October 8, 2010



CTIMR Summary – YUM

(b) (6), (b) (7)(C)

As of August 22, 2013

CTIMR Work Category	As of April 2, 2010 (Original Baseline)	As of October 8, 2010 (CTIMR Baseline)	As of August 22, 2013 (Green-Green)	Total CTIMR Requirements
Fence & Gates (miles/count)	92/68	123/61	123/61	123/74
Roads & Bridges/Boat ramps (miles/count/count)	103/0/0	104/1/0	106/1/0	188/1/1
Vegetation Control Debris removal (count/acres/miles)	4/NA/130	6/NA/208	6/NA/221	6/NA/246
Drainage & Grates (count)	37	48	48	52
Lighting & Electrical (count)	48	48	253	253



Area 2 Baseline October 8, 2010

BIS Litigation Status (SDC) *All Cases Settled*

(b) (6), (b) (7)(C)



1. Condemnations with Wide Value Disparity between Gov't / Owner:

- 53.14 Acres (State of CA): Gov't deposited \$2,425,000 vs. State at \$15,096,250
 - Settlement reached at \$5,950,396 (*includes Bunker Hill case*); Final title policy issued.

2. Whiskey-8: DT Filed 2/6/12; Court Issued Possession Order 2/13/12

- 2.81 acres originally condemned from City of San Diego: converted from Lease to Own. CBP later determined it only needed 0.889 acres, so Gov't revested 1.92 acres
 - Deposited Originally: \$310,000
 - Settlement reached – \$96,915 (*City returned \$213,085*)

3. Bunker Hill Access Road: DT Filed 2/7/12; Court Issued Possession Order 2/23/12

- 5.095 acres owned by State of CA
 - Deposited: \$285,000
 - Settlement reached – (*Final compensation included in the settlement with the State of CA*)

BIS Real Estate BUDGET:

- Available Funding Overage After \$3.2M UDO to cover Settlement = **+\$23.9M**



CTIMR Summary – SDC

(b) (6), (b) (7)(C)



As of August 22, 2013

CTIMR Work Category	As of April 2, 2010 (Original Baseline)	As of July 30, 2010 (CTIMR Baseline)	As of August 22, 2013 (Green-Green)	Total CTIMR Requirements
Fence & Gates (miles/count)	16/32	16/32	61/280	61/280
Roads & Bridges/Boat ramps (miles/count/count)	38/0/NA	66/5/NA	127/5/NA	231/5/NA
Vegetation Control Debris removal (count/acres/miles)	4/0/17	4/20/35	4/187/54	4/302/56
Drainage & Grates (count)	0	19	33	33
Lighting & Electrical (count)	280	304	330	330

Area 1 Baseline July 30, 2010



CTIMR Summary – ELC

(b) (6), (b) (7)(C)

As of August 22, 2013

CTIMR Work Category	As of April 2, 2010 (Original Baseline)	As of July 30, 2010 (CTIMR Baseline)	As of August 22, 2013 (Green-Green)	Total CTIMR Requirements
Fence & Gates (miles/count)	52/10	52/10	52/10	*58/10
Roads & Bridges/Boat ramps (miles/count/count)	66/NA/NA	77/NA/NA	77/NA/NA	94/NA/NA
Vegetation Control Debris removal (count/acres/miles)	11/0/7	11/47/7	11/53/7	11/226/7
Drainage & Grates (count)	NA	NA	NA	NA
Lighting & Electrical (count)	260	260	260	260

0.0 miles of fence need road clearance

Area 1 Baseline July 30, 2010



IV. RE Activities: FAC Update



Real Estate- FAC Status - RGV, DRT, LRT

(b) (6), (b) (7)(C)



Del Rio Current Actions:

Rock Springs, TX BPS - Purchase of land under mobile building owned by BP. Funding provided for RE work, including survey & appraisal. Appraisal completed. Contract for survey should be awarded within a month.

Laredo Current Actions:

Freer BPS - Final negotiations for preferred site to begin in September. Appraisal complete. (b) (5)

(b) (5), (b) (6)

Rio Grande Valley Current Actions:

(b) (7)(E) **Checkpoint** – Revised Market Study complete. Preferred site selected. Contract for survey is complete. (b) (5), (b) (7)(E)

(b) (5)



Real Estate- FAC Status EPT

(b) (6), (b) (7)(C)



Current Actions:

(b) (7)(E) FOB

- State abandoned entry road to LPOE/FOB; no longer a public Right of Way (RoW)
- CBP technically has no legal access to POE/FOB; road reverted back to (b) (7)(E)
- Negotiations re-commenced after funding issues resolved
- Revised OTS sent to (b) (7)(E) t on 8/20/13. (b) (7)(E), (b) (5) in fee (*includes back rent*)
- (b) (7)(E) performing their own appraisal prior to going to their board for approval



Real Estate- FAC Status TCA

(b) (6), (b) (7)(C)



Current Actions:

1. (b) (7)(E)

- (b) (5)

2. (b) (7)(E) FOB:

- Lease fully executed for expanded (b) (7)(E) site

3. (b) (7)(E) FOB:

- (b) (5)



Real Estate- FAC & TI Status – Other

(b) (6), (b) (7)(C)



Current Actions

1. (b) (7)(E) **BPS (TCA)**: Secure abandonment of County roadway easement over site – In progress.
2. **Advanced Training Center** (b) (7)(E) : Title review, boundary survey, and closeout of RE acquisition, all through USACE – Title review complete (5/13). Boundary survey and RE acquisition closeout in progress.
3. **Tethered Aerostat Radar System (TARS) Program (multiple sectors)**
 - Program being transferred from USAF to CBP-OTIA. Includes (b) (7)(E) existing TARS sites and (b) (7)(E) related beacon sites along southern border and in Puerto Rico.
 - BPFTI handling transfer of RE rights for all (b) (7)(E) sites. Includes amended special use permits and MOUs with Army; new leases with private and public landowners; assignment or replacement of other government permits; and direct transfer of two USAF-owned sites.
 - All RE actions except the (b) (7)(E) direct transfers and (b) (7)(E) DHS-associated beacon sites will be through USACE, with funding provided by BPFTI and reimbursed by OTIA.
 - Currently on track to complete all actions by 9/30/13 deadline, with possible exception of BLM approval of ROW assignment for (b) (7)(E) TARS site.
4. **Force Development Evaluation (FDE) Project (RGV)**
 - CBP-OTIA evaluation of DOD aerostat-and-tower (b) (7)(E) systems.
 - BPFTI handling RE clearance for (b) (7)(E) initial sites in RGV. Accelerated project timeframe and combination of FAA and ENV issues have required RE clearance actions on (b) (7)(E) sites so far.
 - Current status: license agreements executed on (b) (7)(E) sites, in negotiation on (b) (7)(E) others.



Real Estate- FAC Status - Other

(b) (6), (b) (7)(C)



1. RE Clearance for OTIA Projects

Former (b) (7)(E) Station - declare excess with GSA and obtain BLM approval. Without BLM approval, BPFTI will have to fund removal of old HQ building per the current BLM agreement.

2. Firing Range Effort: multiple Sectors; confirm status and clear- Complete.

3. Camp-to-FOB Conversion(s) (CIR Planning) - In progress.

DRT: (b) (7)(E) EPT: (b) (7)(E) (a/k/a (b) (7)(E))

TCA Sector: (b) (7)(E)

(b) (7)(E)

RGV: (b) (7)(E)

4. Northern Border: (b) (7)(E) Border Patrol Station - Once environmental work is complete and Flood maps revised, will proceed with the Air Base property at no cost to the Government. Anticipated complete (b) (5)

5. Missing Deeds Project - 14 of 27 located.

6. Easement Outgrant Effort: multiple Sectors.

(b) (7)(E) BPS: negotiations with Utility complete; awaiting letter to WA Dept. of Ecology

(b) (7)(E) BPS: working with BPFTI PM.



V. RE- Towers Update



Real Estate Towers Activity- New Towers

(b) (6), (b) (7)(C) (b) (7)(E) IFT; (b) (6), (b) (7)(C) (MDP)



Current Status:

Acquisition of new tower sites and ingress/egress:

(b) (7)(E) – (b) (7)(E); (b) (7)(E) *RE certified. All RE is Clear!*

IFT – (b) (7)(E); (b) (7)(E) *RE certified. All RE is Clear!*

MDP – (b) (7)(E); (b) (7)(E) *long-term lease in execution, (b) (7)(E) in final approval.*



Real Estate Towers Activity

Towers Maintenance & Repair Program (TMRP)- (b) (6), (b) (7)(C)



Sector	# sites	Percent reviewed	Number remaining to turn 'green' for FAA M&R	Number remaining for various real estate document deficiency cures
Tucson & Yuma	(b) (7)(E)	100%	(b) (7)(E)	
Rio Grande		100%		
Laredo		100%		
Del Rio		100%		
El Paso		100%		
Marfa		100%		
El Centro		100%		
San Diego		100%		
Blaine		0%		
Swanton		0%		
Houlton		0%		
Detroit & Buffalo SBInet		0%		
Total				



Real Estate Towers Activity

Towers Maintenance & Repair Program (TMRP)- (b) (6), (b) (7)(C)



Current Activities:

Review with FM&E Real Estate

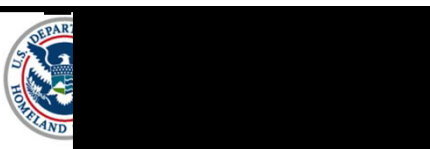
- Collect and review of all documentation available
- Discuss individual sites, circumstances and deficiencies
- Determine work to perform

Satisfying RE needs of users and curing deficiencies

- Add additional property or obtaining easements for FAA M&R
- Address missing documentation, expired leases, missing attachments, title and survey, etc.
- Share data with FM&E leasing office

Coordination with FM&E Leasing Office

- Share documentation in FITT
- Plan for management of easements and other assets in TRIRIGA



VI: FITT Update



FITT Update

(b) (6), (b) (7)(C)

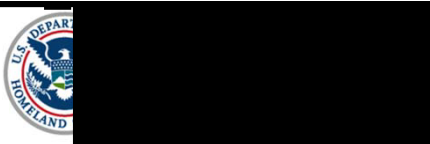


OBJECTIVES:

- Ensure all RE information & status is current
- Ensure applicable RE documentation is uploaded into FITT

STATUS: ('active' projects = top priority)

- Working with USACE to review & update RE data in FITT
- Efforts are substantially complete for 'active' projects
- Corrections based on validation/spot-check – done by end of September
- Next focus on 'closed' projects: already started updating PF225 RE to make current with ongoing DT/ADT process



PART 2: LEASING BRANCH UPDATE



Leasing Branch- Agenda



- I. Leasing Organization and Functional Areas
- II. Facilities Leasing by Program Corridors (Holdover/Renewal/New)
- III. Tower Leasing Program
- IV. TRIRIGA
- V. Planning and Early Requirements Development
- VI. Budget and Finance
- VII. Lease Administration



I. Leasing Organization and Functional Areas



Leasing Branch Organization

(b) (6), (b) (7)(C)



Organization: Territory and Functional Programs

(b) (6), (b) (7)(C)



U.S. Customs and
Border Protection

II. Facilities Leasing by Program Corridors



Leasing – Program Overview

(b) (6), (b) (7)(C)



Functional Areas

- Program Policy, Processes and Regulation Compliance
- Portfolio Management and Planning
 - Inventory management (TRIRIGA and Data Accuracy)
 - Prioritization and Expiring Lease Planning
 - Planning Coordination and Tracking
 - Requirement Development – Early Acquisition Strategy Development
- Execution (4 Facilities Program Corridors and Tower Program)
 - Lease acquisition
 - Design and construction Management
 - Integrated occupancy services for move in
- Budget Formulation and Financial Management
- Lease Administration
 - Life-cycle Admin. – terminations, renewal options, escalations, change of owner, cyclical MRO,
 - Overtime Utilities and Services
 - Property Management - lessor performance monitoring and correction, maintenance repairs



Leasing – East Southeast Corridor (9/3/13)

Program Manager – (b) (6), (b) (7)(C)

Program Analyst – Vacant

Area of Responsibility

Houlton Sector

Swanton Sector

Buffalo Sector

Miami Sector

Ramey Sector

Projects of Interest

(b) (7)(E) BPS

(b) (7)(E) BPS (b) (7)(E)

(b) (7)(E) BPS (b) (7)(E)

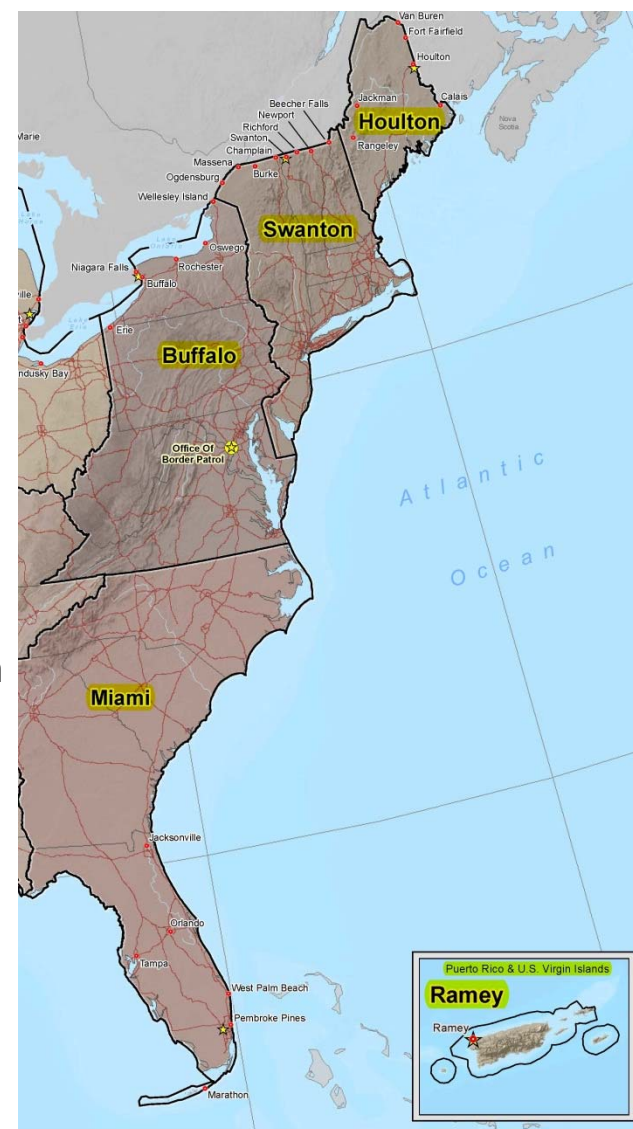
Swanton Sector (move to Station)

Inventory – 31 Leases / Agreements

- 433k sf
- 2.38 Acres
- Holdovers: 6
- Renewals: 8
- New Actions: 2 to 0 – new projects canceled; staying at same location
- Closures: 0
- Estimated Annual Savings: \$ (b) (5)

Corridor Rent Responsibility

- GSA Leased: \$16,353,498
- Direct Leased: \$402,183



Leasing – East Central Corridor (9/3/13)

Program Manager – (b) (6), (b) (7)(C)
Program Analyst – (b) (6), (b) (7)(C)

Area of Responsibility

Del Rio Sector
Detroit Sector
Laredo Sector
New Orleans Sector
Rio Grande Valley Sector

Projects of Interest

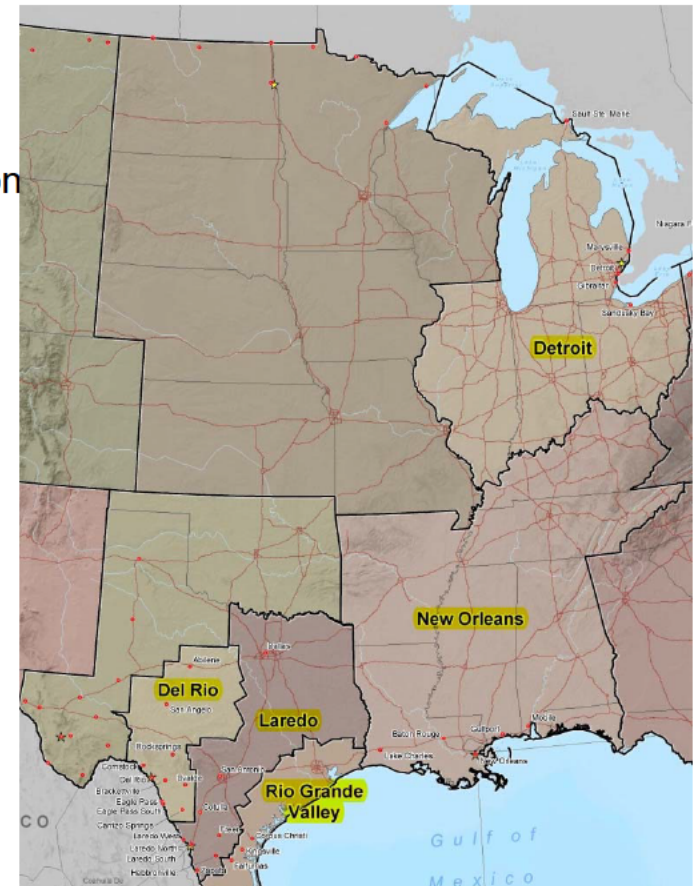
(b) (7)(E)
(b) (7)(E) / BPS Relocation
(b) (7)(E) BPS Relocation
(b) (7)(E) Training Facility

Inventory – 75 Leases / Agreements

- 603K Square Feet
- 200 Acres
- Holdovers: 11
- Renewals: 5
- New Actions: 3
- Closures: 4
 - Estimated Annual Savings: \$ (b) (5)

Corridor Rent Responsibility

- GSA Leased: \$ 14,741,974
- Direct Leased: \$ 2,438,097



Leasing – West Central Corridor

Program Manager – (b) (6), (b) (7)(C)
Program Analyst – (b) (6), (b) (7)(C)

Area of Responsibility

Big Bend Sector

El Paso Sector

Grand Forks Sector

Tucson Sector

Yuma Sector

Projects of Interest

(b) (7)(E) BPSH
BPS

(b) (7)(E) BPS

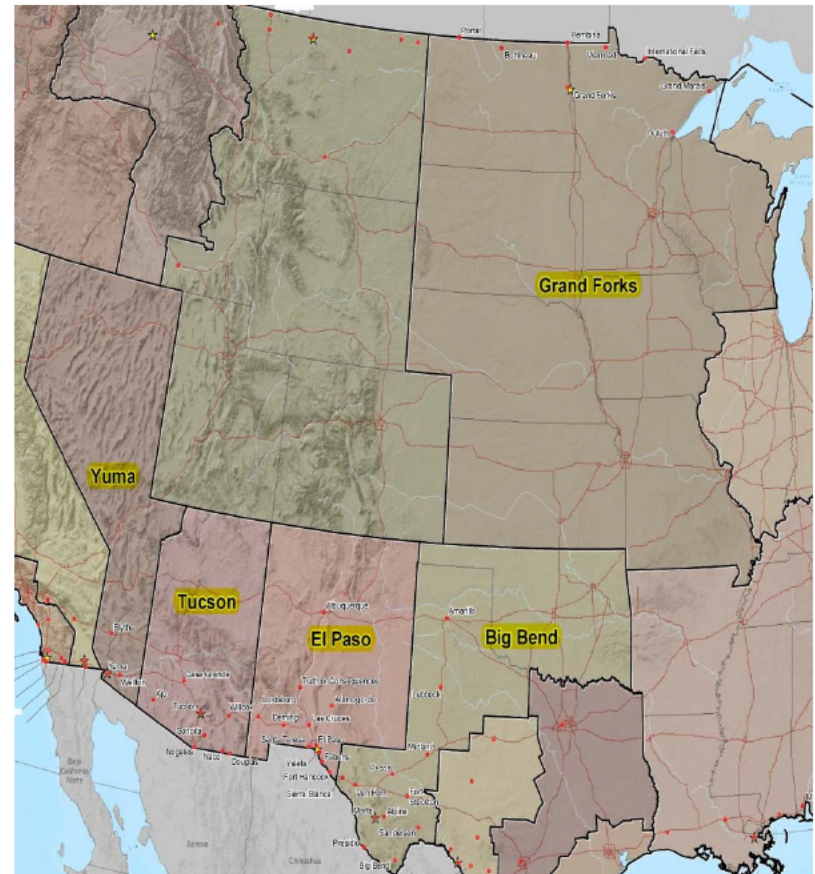
(b) (7)(E) BPSH Training Facility
BPSH Fac Maint/Prop

Inventory- 77 Leases / Agreements

- 565K Square Feet
- 459 Acres
- Holdover: 11
- Renewal: 4
- New Actions: 2
- Closures: 0
 - Estimated Annual Savings: \$ (b) (5)

Corridor Rent Responsibility

- GSA Leased: \$9,485,813
- Direct Leased: \$1,614,474



Leasing – Pacific Corridor (9/3/13)

Program Manager – (b) (6), (b) (7)(C)

Program Analyst – (b) (6), (b) (7)(C)

Area of Responsibility

San Diego Sector

El Centro Sector

Blaine Sector

Spokane Sector

Havre Sector

Projects of Interest

(b) (7)(E) VMF FMF

(b) (7)(E) BPS

Inventory – 44 Leases / Agreements

- 390K Square Feet
- 77.35 Acres
- Holdovers: 10
- Renewals: 10
- New Actions: 2
- Closures: 0
 - Estimated Annual Savings: \$ (b) (5)

Corridor Rent Responsibility

- GSA Leased: \$8,958,782
- Direct Leased: \$3,772,469



III. Tower Leasing Program



Leasing – Towers Nationwide (9/3/13)

Program Manager – (b) (6), (b) (7)(C)
Program Analyst – (b) (6), (b) (7)(C)



- **Tower Lease Portfolio:** (b) (7)(E)
 - Expiring leases to be replaced with Succeeding Leases through FY2015: (b) (7)(E)
- **Lease Acquisition and Lease Administrative Support Provided to:**
 - IFT
 - (b) (7)(E) Existing Towers (USACE / FAA Validation and correction)
 - (b) (7)(E) Upgrade and Refresh Program – (b) (7)(E) (Succeeding Leases or SLAs)
 - SBINet Northern Border and Southern Border Transfer
 - Other Tower Leases: Havre Sector (b) (7)(E) – (b) (7)(E) (Pending funding for equipment)
- **Tower Lease Processes and Templates:**
 - Standard Lease and process under GSA Categorical Delegation authority for land
 - Standard Lease and process under GSA Categorical Delegation authority for Towers (Land & Towers)
 - Standard Lease and process for DHS 1103(b) Leasing authority for Land
- **Tower Rent Budget:**
 - SW Border Towers: \$445,811 (b) (7)(E)
 - Northern Border SBINet: \$298,644 (b) (7)(E)
 - Northern Border (Havre Sector): \$28,520 (b) (7)(E)
 - SW Border SBINet: (b) (7)(E) Pima County – Anticipated No-Cost; Effective FY14, transfer to BPFTI



IV. TRIRIGA

Leasing – TRIRIGA (9/3/13)

(b) (6), (b) (7)(C)



TRIRIGA

- 347 Active Lease Records
- 99 Active GSA Occupancy Agreements
- 248 Direct Leases
- Improving record quality and integrity almost every day by correcting, revising, and adding information.
- Ensuring lease records are attached to appropriate building, land or structure records; adding and updating premise records.
- Approximately 99% complete for initial data entry, still correcting, revising, and adding data elements. Leases entered as they become available.

Inventory Management

- PM over Data Accuracy Program
- Over 133 leases have been reviewed for data accuracy
- Review includes proper escalation payments, proper BE/BU codes with proper naming conventions in TRIRIGA
- Source documents are reviewed for accuracy prior to uploading to TRIRIGA and KMS

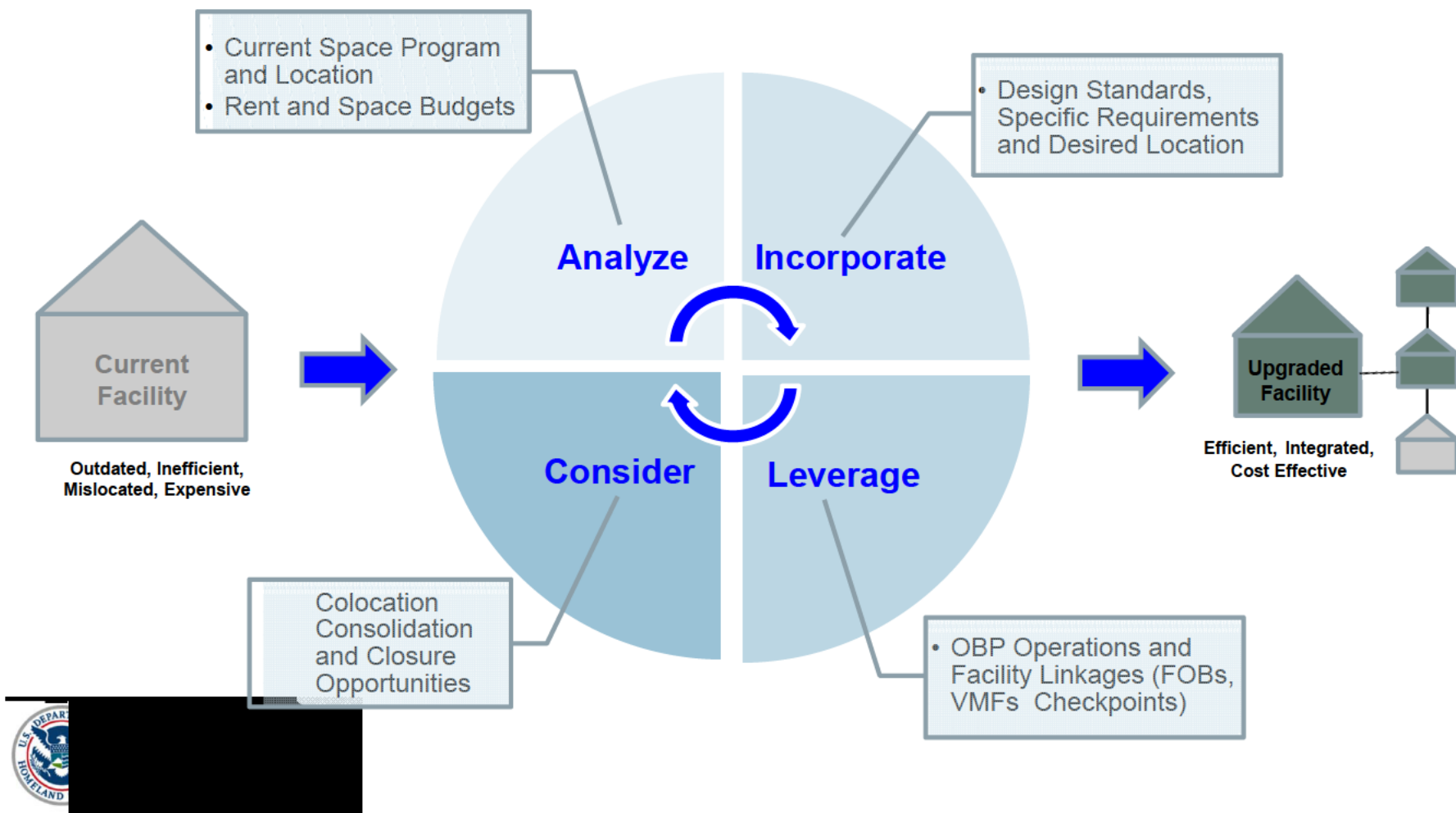


V. Planning and Early Requirements Development



Leasing – Requirements Development (9/3/13)

- Requirements constraint of no new space and no additional funding requires increased creativity and analysis to meet OBP's facility needs



Leasing – Requirements Development

- Operational Analysis of Alternatives
 - Locate BPS facilities based on distances between top operational facilities (checkpoints, FOB's substations)
 - Configure and right-size BPS facilities based on proximity to support elements (SHQ's, VMF's, fuel islands, processing/holding)

(b) (7)(E)



Leasing – Requirements Development

Cost Analysis of Alternatives

- Allows the cost comparison of various facility options that are right-sized to meet OBP'S operational requirements
- Incorporates design standards while considering budget limitations and aggregate space constraints

(b) (7)(E)BPS - Analysis of Alternatives													
August 6, 2013													
		(b) (7)(E) Current Configuration			1) (b) (7)(E)			2) (b) (7)(E) I-94 Upgrades			3) (b) (7)(E)		
	\$1.50	42000	\$0.00	\$32 - \$35	42000	\$50.00	\$35.00	24000	\$40.00	\$35.00	95000	\$50.00	\$35.00
	\$ / mile	sf	\$ / sf	\$ / sf	sf	\$ / sf	\$ / sf	sf	\$ / sf	\$ / sf	sf	\$ / sf	\$ / sf
	One-Way Trips/ Day	Distance (miles)	Capital Costs (MCA Funds)	Annual Costs (rent & travel)	Distance (miles)	Capital Costs (MCA Funds)	Annual Costs (rent & travel)	Distance (miles)	Capital Costs (MCA Funds)	Annual Cost (rent & travel)	Distance (miles)	Capital Costs (MCA Funds)	Annual Cost (rent & travel)
Facility (Auxiliary) Costs													
(b) (7)(E)			\$0	\$1,341,866									
			\$50,000	\$1,470,000		\$2,100,000	\$1,470,000		\$960,000	\$840,000		\$1,800,000	\$3,325,000
			\$0	\$11,000		\$0	\$11,000		\$500,000	\$11,000		\$0	\$11,000
			\$0	\$1,600,000		\$0	\$1,600,000		\$0	\$1,600,000		\$2,950,000	inc in BRF rent
Travel Costs (includes vehicle and labor)													
(b) (7)(E)	20	26		\$284,700	10		\$109,500	10		\$109,500	12		\$131,400
	136	28		\$2,084,880	21		\$1,563,660	21		\$1,563,660	22		\$1,638,120
	0	0		\$0	0		\$0	0		\$0	0		\$0
	8	0		\$0	0		\$0	15		\$65,700	0		\$0
	20	15		\$164,250	14		\$153,300	14		\$153,300	0		\$0
Total Costs			\$50,000	\$5,614,830		\$2,100,000	\$4,907,460		\$1,460,000	\$4,343,160		\$4,750,000	\$5,105,520
Present Values (10 years)				\$45,591,301			\$41,903,897			\$36,686,918			\$46,160,341



Leasing – Requirements Development (9/3/13)

■ Requirements Tracking

- Log of requirements' development materials transmitted to OBP for review.
- Aligns the efforts of OBP and BPFTI while reflecting the overall lease acquisition pipeline.

Sector/Station	Facility	Status/ Guidance	Document Transmitted	Date to OBP	Date Returned	Action Required	MCA Funds Req'd (\$)
	(b) (7)(E)	(b) (5)					
ELC (b) (7)(E)			PRD	4/18/2013	4/22/2013; 6/17/2013	PRD has been completely signed off. OBP signed LAPD on 6/17/2013. Project forwarded to GSA; reconciling program w/ new VMF design stds. RWA sent to GSA.	\$1,600,000
SDC (b) (7)(E)			TBD			Ongoing discussions with OBP Facilities and SDC sector regarding requirements for solicitation. Ongoing programming meetings; OBP Operations to discuss current analyses with SDC sector.	\$2,100,000
TCA (b) (7)(E)			LAPD	2/26/2013	Responded 8/09/2013	OBP has provided direction relative to long-term goals at CAG and TUC stations; CAG splits into two stations, with the southern portion located in Three Points. Working on operational analysis of current and proposed BPS locations.	\$1,100,000
HLT (b) (7)(E)			TBD			After review of several relocation and backfill options between HLT BPS and SHQ, OBP has put this project on hold pending possible approval of CIR. Submitted to GSA to obtain LDA to extend current lease.	\$648,000
MIP (b) (7)(E)			GSA R4 Checklist & Delineated Area Map	January 2013		Ongoing review of current facility requirements with OBP Facilities. Awaiting further definition of facility requirements from OBP and review by senior mgt.	TBD



Leasing – Requirements Development (9/3/13)

■ Efficiency Analysis

- Review of leased facilities to ascertain locations with high rents (\$/person) and/or poor utilization rates (sf/person)
- BPS design standards are included for comparison purposes and to ensure proper benchmarking

OBP Leased Facilities' Efficiency Analysis									
9/3/2013									
		Staffing			Inside Space			Annual Costs	
Sector	Station (VMFs not included)	Agents	Support	Total Staff	Total Space (rsf)	Net Space (usf)	Utilization Rate (usf/person)	Rent (FY2013)	\$/person \$/usf
BPS Design Stds	(b) (7)(E)	(b) (7)(E)			(b) (7)(E)	110			(b) (7)(E)
						232	\$432,410		
						322	\$1,732,527		
						223	\$1,987,231		
						167	\$2,072,164		
Pacific Corridor	(b) (7)(E)				(b) (7)(E)				(b) (7)(E)
Blaine (BLW)									
						154	\$332,132		
						178	\$70,836		
Havre (HVM)									
						284	\$225,180		
						1024	\$43,380		
						694	\$1,726,429		
						669	\$513,820		
						740	\$523,645		
						773	\$605,832		
						644	\$366,748		
						351	\$140,348		
						682	\$1,741,320		
San Diego (SDC)									
					227	\$1,597,073			
					81	\$1,280,186			



Leasing – Requirements Development (9/3/13)

■ MCA Funding Requirements for Relocation Projects

- Likelihood of relocation based on current lease evaluation during requirements development, then included in MCA planning
- Average ROM estimate of \$50/sf, comprised of IT systems/cabling, security, furniture, equipment and move costs

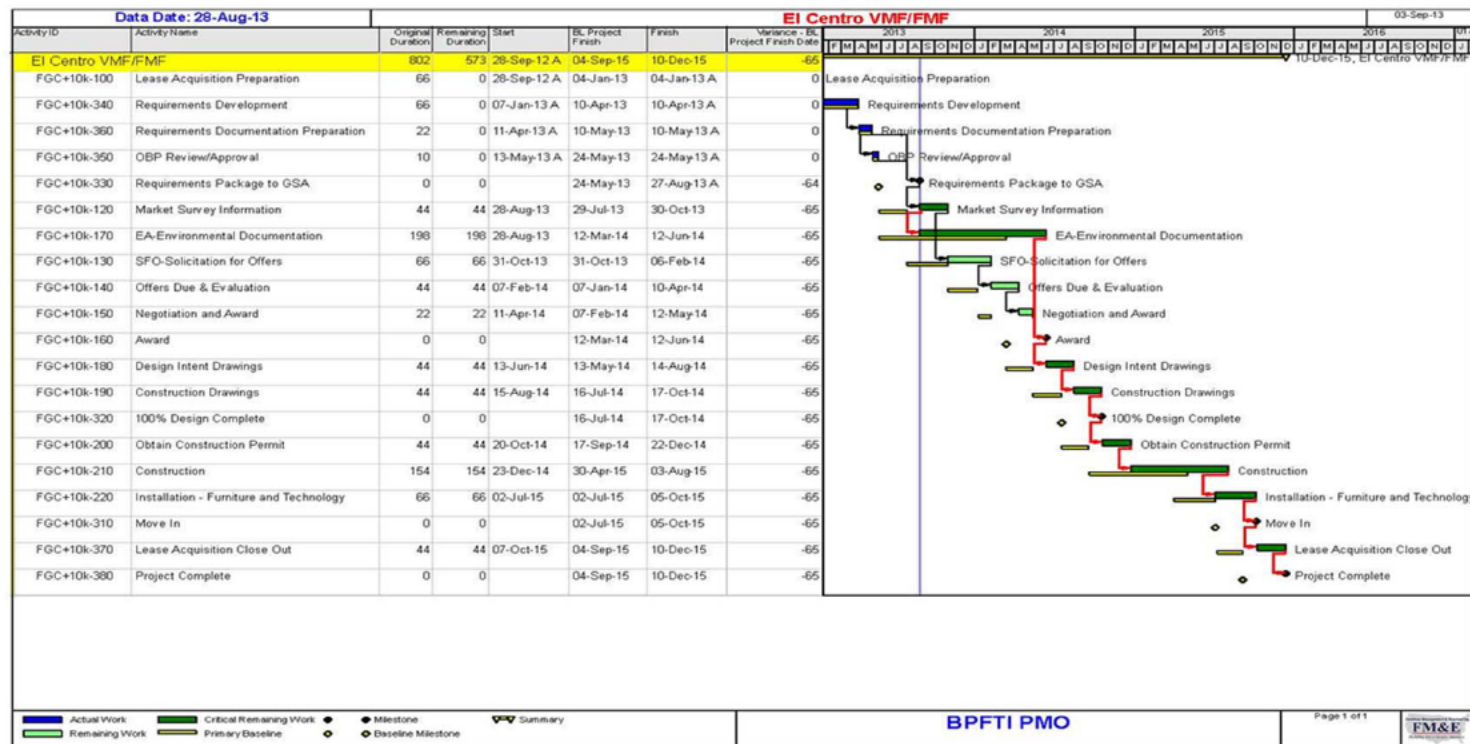
MCA Funding Requirements for Leased Facilities by Fiscal Year																	
August 30, 2013																	
		FY2013				FY2014				FY2015				FY2016			
	MCA Funds Req'd	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
OBP Facility																	
<i>Pacific Corridor</i>																	
ELC/ (b) (7)(E)	(b) (5)				1222	0	0	100	100	178							
SDC (b) (7)(E)						79	79	79	80								
SDC (b) (7)(E)						100	50	250	250	250	250	250	250	250	200		
<i>West Central Corridor</i>																	
TCA/ (b) (7)(E)						100	143	143	143	143	143	143	143				
EPT/ (b) (7)(E)						75	75	75	75	75	75	75	75				
BBT (b) (7)(E)						15	20	20	20	20	20	20					
EPT (b) (7)(E)						50	56	56	56	56	56	56	56	56			
BBT (b) (7)(E)						50											
<i>East Central Corridor</i>																	
LRT/ (b) (7)(E)					0	0	0	0	0	0	0	0	0	0			
DRT/ (b) (7)(E)						50											
DRT/ (b) (7)(E)						50											
<i>East Southeast Corridor</i>																	
HLT/ (b) (7)(E)					0	50	50	50	50	50	50	50	50	50	50	50	98
Totals		\$0	\$0	\$0	\$1,222	\$619	\$473	\$773	\$774	\$772	\$594	\$594	\$574	\$356	\$250	\$50	\$98
					\$1,222				\$2,639				\$2,534				\$754
					FY2013				FY2014				FY2015				FY2016



Leasing – Requirements Development (9/3/13)

Leasing Project Schedules

- Creating schedules for critical lease acquisition projects guides execution and management of each project
- Provides insight into overall execution performance of lease portfolio and enables planning for necessary funding



VI. Budget and Finance



Leasing – Rent (9/3/13)

(b) (6), (b) (7)(C)



FY13 Actual Rent

- GSA Leasing Purchase Order: \$50,406,768
- Direct Leasing Rental Payments: \$8,457,075 (FY transfer)
- SBI Net Rental Payments: \$42,481 (FY transfer)
- Overtime Services: \$2,250,000 (FY Transfer)

FY14 Rent and Rent Transfers

- GSA RENTEST not received yet
- Direct Lease Costs: \$10,572,823 (Permanent Transfer)
- SBI Net Rental Payments: \$299,000 (FY Transfer)
- Overtime Utilities: \$2,574,000 (Permanent Transfer)

FY15 Rent and Rent Transfer

- OTIA Tucson Warehouse - \$1,271,427 (Permanent Transfer)
- SBINet Northern Border - \$301,052 (Permanent Transfer)



VII. Lease Administration



Lease Administration (9/3/13)

(b) (6), (b) (7)(C)



Property Management

➤ FY13 Life-cycle Administration

Escalations totaling \$93,426.08

- a. Direct Lease (DL) with CPI Clause: 14; processed payments totaling \$6,357.48
- b. DL with Scheduled/Specific Escalations : 18; processed payments totaling \$20,997.76
- c. Tax Escalations : 8; processed payments totaling \$66,070.84

Renewal Options

(b) (5)

Confirming renewal options requiring written notice

Change of Owner/Payee/Vendor Verification in FY13 until 09/03/2013

- a. Change of ownership: 2
- b. Change of Payee: 2
- c. Vendor Research for uncashed checks (cancelled): 3
- d. Vendors in DNP (suspensions): 3



Lease Administration: Terminations (9/3/13)

(b) (6), (b) (7)(C)

➤ 14 Terminations

11 Direct leases (2 Parking Lot, 3 Border Patrol Stations, 1 Modular, 5 Land/Storage)

3 GSA OA's (1 Border Patrol Station, 2 Land)

➤ 4 Closures (terminated lease to CBP owned) Rent Savings \$329,129

Sector	Stie Name	City	ST	Lease Effective Date	Lease Expiration Date	Estimated Move Out Date	Holdover	Lease Type	Notes
RGV	(b) (7)(E)	(b) (7)(E)	TX	5/1/1994	12/31/2015	FY2014	NO-Terminating	Direct Lease to CBP Owned	PENDING TERMINATION
DTM			MI	9/10/2010	8/31/2015	FY2015	NO-Terminating	GSA Commercial to CBP Owned	PENDING TERMINATION
DRT			TX	2/1/2009	11/30/2012	FY2015	YES - Terminaing	Direct Lease to CBP Owned	PENDING TERMINATION
DRT			TX	1/31/1995	9/30/2015	FY2015	NO-Terminating	Direct Lease to CBP Owned	PENDING TERMINATION

- Pending Terminations FY2014-FY2015 (1 Pending for FY14, 3 Pending for FY15)



PART 3: ENVIRONMENTAL BRANCH UPDATE



ENV BRANCH - AGENDA



- Budget / BPA Status
- Current Actions/Projects
 - Corridors
 - Facilities
 - TI
 - Mitigation
 - Range Remediation



RE / Env Division – Organization Chart



(b) (6), (b) (7)(C)

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I. Budget/BPA Status

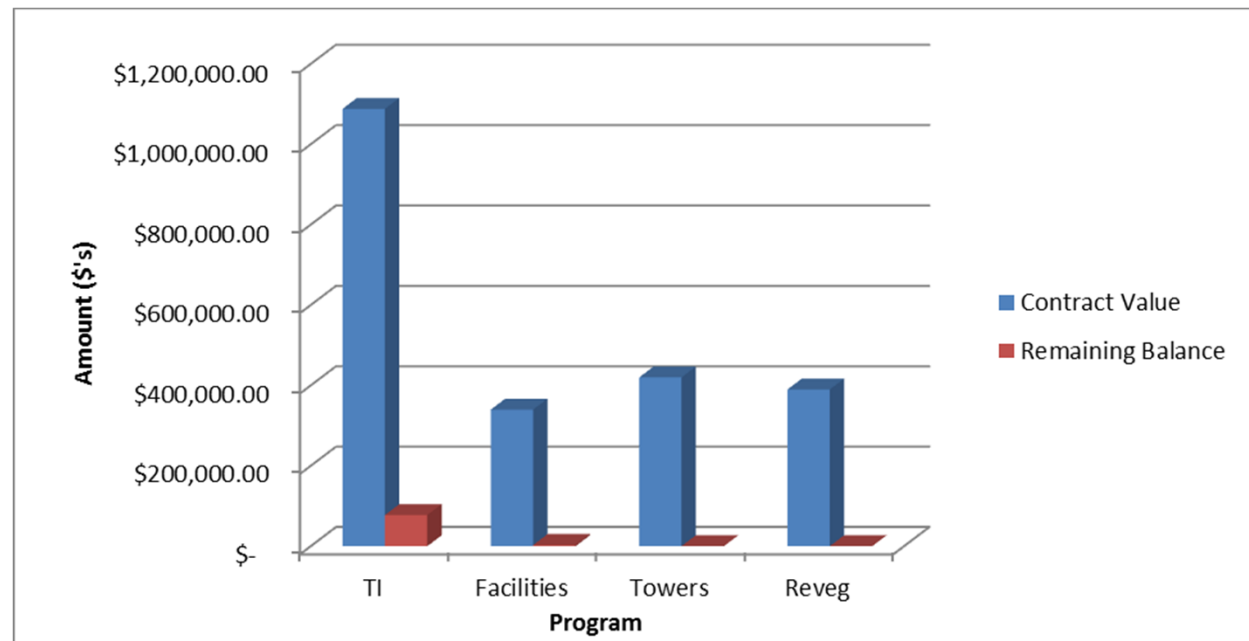


ENV Activities

(b) (6), (b) (7)(C)

FY13 BPA Status

CONTRACT	FUNDING	ACTIVITIES	CONTRACT AMOUNT	AWARDED TASK AMOUNTS	PENDING WORK ORDERS	REMAINING FUNDS
SWCA-HSBP1012J00777	BSFIT	NR/CR/EP Spt or TI	\$ 245,401.33	\$ 108,156.89	\$ 137,000.00	\$ 244.44
HDR-HSBP1012J00788	Facilities	Env. Support - Facilities	\$ 339,930.20	\$ 332,135.64	\$ 4,764.00	\$ 3,030.56
Northland Research-HSBP1012J00838	Tower/BSFIT	Env. Support - Towers	\$ 419,932.00	\$ 167,731.00	\$ 252,000.00	\$ 201.00
RECON - HSBP1012J00838	Reveg/BSFIT	Env. Support - Reveg	\$ 389,996.86	\$ 368,833.73	\$ 21,000.00	\$ 163.13
SWCA-HSBP1012J00900	BSFIT	NR/CR/EP Spt or TI	\$ 429,000.00	\$ 105,932.39	\$ 250,000.00	\$ 73,067.61
Dewberry-HSBP1012J00901	BSFIT	NR/CR/EP Spt or TI	\$ 429,000.00	\$ 149,824.80	\$275,000.00	\$ 4,175.20



ENV Activities

(b) (6), (b) (7)(C)



FY14 Environmental Contracts

BPA	AMOUNT	ACTIVITIES
Env. Planning TI and Towers	\$ 845,000	NR/CR/EP Spt for TI
BIS and (b) (7)(E) Reveg	\$ 588,000	Env Support - Reveg
Facilities Compliance Support to Correct Deficiencies and Training	\$ 400,000	Env Support - Facilities
Facilities Env. Planning	\$ 300,000	Env Support - Facilities
Other TI Reveg	\$ 313,000	Vega mowing; A-2; (b) (7)(E)
TOTAL	\$ 2,446,000	



II. Current Actions/Projects



ENV BRANCH – Accomplishments

(b) (6), (b) (7)(C)



May 1, 2013 to August 30, 2013

Env. Documents	No.
CATEX	18
REC	6
EA/FONSI	1
Coordination/Consultations	193/193

Env Training Events	Persons Trained	Sectors
EPCRA Training	32	All
Compliance Training	55	EPT, RGV
Hazmat Training	18	SDC
Env Stewardship for TIMR	11	TCA



ENV – East Corridor

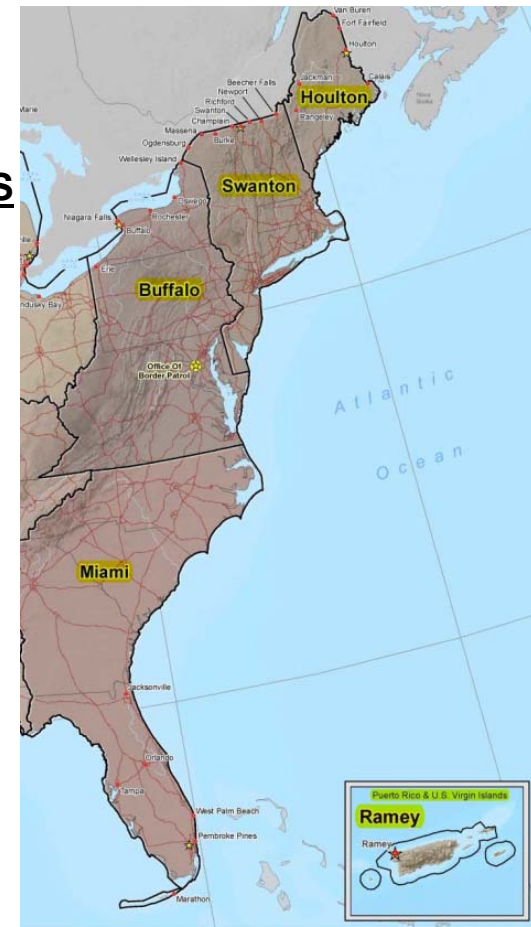
(b) (6), (b) (7)(C) – Facilities

Major Facilities Actions

- (b) (7)(E) BPS – EA for new station
- (b) (7)(E) BPS – New water well
- (b) (7)(E) BPS – Renovations to existing station
- (b) (7)(E) BPS – Install solar panels

NEPA REVIEWS/DOCUMENTS

- No. of CATEXs - 0
- No. of RECs - 0
- No. of EAs/FONSIs - 0
- No. of Coordinations - 0
- No. of Consultations - 0



ENV – East Central Corridor

(b) (6), (b) (7)(C) – TI and Facilities (LRT, RGV, NLL)
(b) (6), (b) (7)(C) – TI and Facilities (DRT)

Major TI Actions

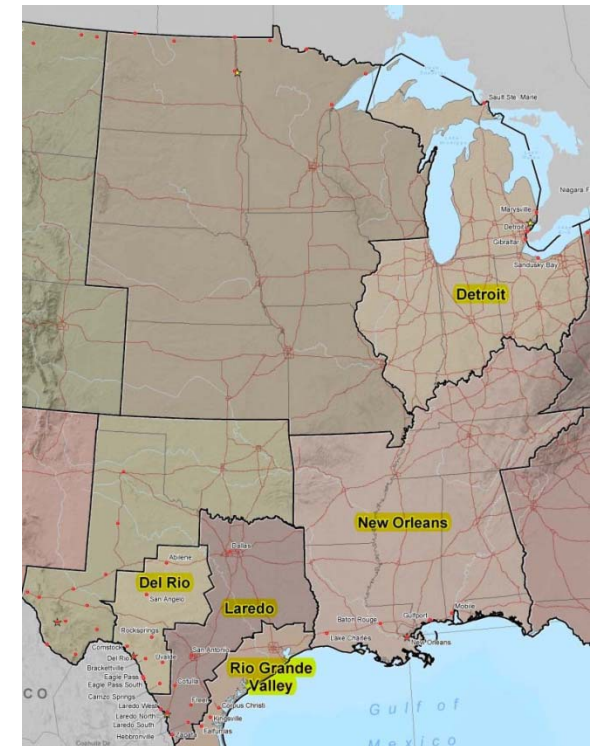
- DRT (b) (7)(E) Boat Ramp
- DRT Sector-wide (b) (7)(E) M&R Clearance
- LRT (b) (7)(E) Boat Ramp and (b) (7)(E) Boat Ramp
- RGV (b) (7)(E) and priority roads.

Major Facilities Actions

- DRT (b) (7)(E) Checkpoint Canopy Replacement

NEPA REVIEWS/DOCUMENTS

- No. of CATEXs - 7
- No. of RECs - 0
- No. of EAs/FONSIs - 0
- No. of Coordination's - 60
- No. of Consultations – 6
- No. of CWA Coordinations - 5



ENV – West Central Corridor

- (b) (6), (b) (7)(C) – Facilities (TCA, EPT, BBT)
- (b) (6), (b) (7)(C) – TI (EPT, BBT)
- (b) (6), (b) (7)(C) – Facilities (YUM)
- (b) (6), (b) (7)(C) – TI (YUM and TCA)

Major TI Actions

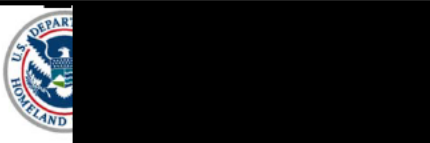
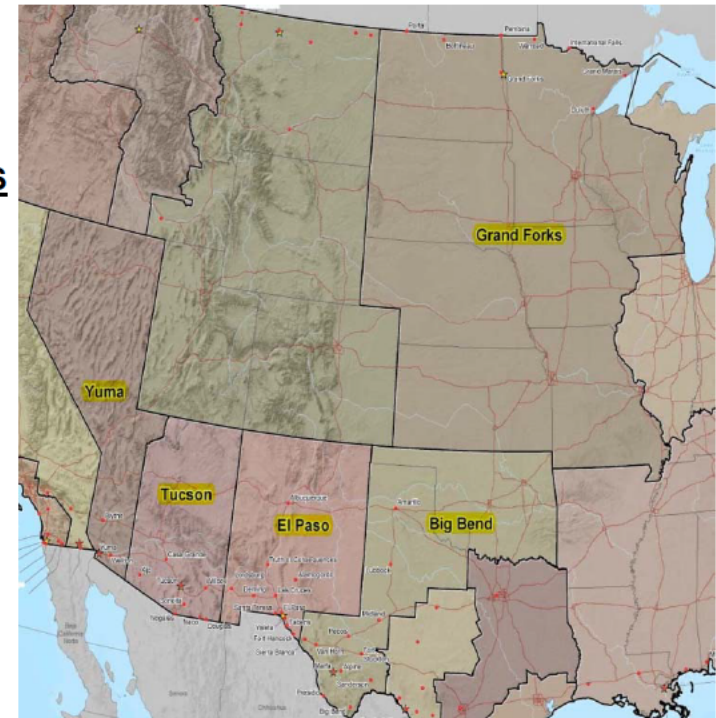
- EPT Sector-wide (b) (7)(E) M&R cl Clearance
- EPT (b) (7)(E) Fence and Road
- TON 286 Miles of Road M&R
- Coronado National Forest EA for three roads
- (b) (7)(E) EA
- (b) (7)(E)

Major Facilities Actions

- TCA TON MCA Expand (b) (7)(E)
- (b) (7)(E)

NEPA REVIEWS/DOCUMENTS

- No. of CATEXs - 3
- No. of RECs - 5
- No. of EAs/FONSI's - 0
- No. of Coordination's - 50
- No. of Consultations - 7



ENV – West Corridor

(b) (6), (b) (7)(C) – TI and Facilities

Major TI Actions

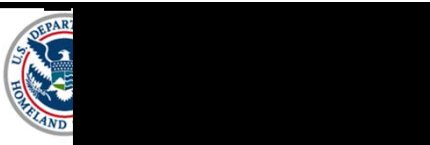
- (b) (7)(E) AWR
- (b) (7)(E)
- A1 Slope and Road
- Gapfiller

Major Facilities Actions

- (b) (7)(E) Checkpoint
- Calexico Horse Stables

NEPA REVIEWS/DOCUMENTS

- No. of CATEXs - 2
- No. of REC's - 4
- No. of EAs/FONSI's - 1
- No. of Coordinations - 70
- No. of Consultations - 70



ENV Activities Projects

(b) (6), (b) (7)(C)



TI PROJECTS

- TIMR EAs (CA, AZ, NM, TX)
- Re-vegetation Projects
 - A-1
 - (b) (7)(E)
 - (b) (7)(E)
 - (b) (7)(E)
 - El Paso Vega Mowing
 - (b) (7)(E) Road
- (b) (7)(E)
- (b) (7)(E)
- DOI Inter-agency Agreement

FACILITY PROJECTS

- (b) (7)(E) BPS – San Pedro Watershed Mitigation
- Nogales Firing Range – Cleanup
- (b) (7)(E) BPS – UST Cleanup
- (b) (7)(E) Communications Tower



ENV Activities TI Projects – CA TIMR

(b) (6), (b) (7)(C)



California TIMR Environmental Assessment

Background:

- No Cooperating Agencies Anticipated

Milestones:

- Draft EA 30 Day Public Review:
 - Pending (Estimated : June 15, 2013)
- Biological Assessment submitted to FWS:
 - October 22, 2012
- Biological Opinion Received from FWS:
 - Pending
- FONSI Signed [Environmental Complete]:
 - Pending (Estimated: (b) (5))

Next Steps:

- Secure RE to Execute Proposed Action
- Schedule Site Visits Requested by FWS
- Coordinate With EED on Completion of Section 106 Programmatic Agreement—EED Anticipated Time Frame for Completion (b) (5)



ENV Activities TI Projects – AZ TIMR

(b) (6), (b) (7)(C)



Arizona TIMR Environmental Assessment

Background:

- No Cooperating Agencies
- EA Process Complete

Milestones:

- Draft EA 30 Day Public Review:
 - September 30, 2011 – November 1, 2011
- Biological Assessment submitted to FWS:
 - May 16, 2011
- Biological Opinion Received from FWS:
 - November 6, 2012
- FONSI Signed [Environmental Complete]:
 - February 6, 2013

Next Steps:

- Secure RE to Execute Proposed Action
- Create GIS Shapefiles for existing road requirements
- Work With Land Managers on Path Forward for Section 106



ENV Activities TI Projects – NM TIMR

(b) (6), (b) (7)(C)



New Mexico TIMR Environmental Assessment

Background:

- BLM Las Cruces District is a Cooperating Agency
- Progress Currently Stalled Pending Resolution of BLM ROW Cost Reimbursement Issue
 - BLM Fee: \$113k
 - NMSLO Fee: \$300k-\$800k
- Section 7 Consultation Proceeding on Informal Track

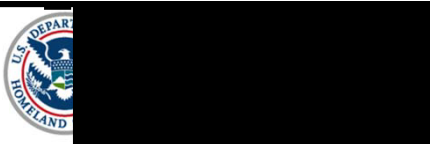
Milestones:

- Draft EA 30 Day Public Review:
 - Pending
- Biological Assessment submitted to FWS:
 - Pending
- Biological Opinion Received from FWS:
 - Pending
- FONSI Signed [Environmental Complete]:
 - Pending (Estimated: (b) (5))

Next Steps:

- Resolve BLM and NMSLO ROW Cost Reimbursement Issue
- Execute Cooperating Agency MOU with BLM
- Anticipate EA Completion Four Months After Execution of Cooperating Agency MOU
- Work With BLM and NMSLO Regarding Cultural Survey Requirements
- Coordinate with EED on Completion of Section 106 Programmatic Agreement—EED Anticipated Time Frame for Completion is

(b) (5)



ENV Activities TI Projects – TX TIMR

(b) (6), (b) (7)(C)



Texas TIMR Environmental Assessment

Background:

- No Cooperating Agencies Anticipated
- EA Delayed Because of Multiple Landowners and Concerns Regarding Landowner Identification
- Public Scoping Meetings Will be Held Ahead of Development of Draft EA to Mitigate Landowner Issue.
 - Delays in Scheduling Incurred due to:
 - Funding for meetings; Funding for travel to staff meetings; Determination that meetings were not a conference

Next Steps:

- Facilitate Public Scoping Meetings in June
- Work with Land Managers on Path Forward
- Re-engage HDR on Development of Draft EA and BA—HDR is Already Under Contract via USACE to Complete EA and BA
- Coordinate with EED on Completion of Section 106 Programmatic Agreement—EED Anticipated Time Frame for Completion is

(b) (5)

Milestones:

- Draft EA 30 Day Public Review:
 - Pending
- Biological Assessment submitted to FWS:
 - Pending
- Biological Opinion Received from FWS:
 - Pending
- FONSI Signed [Environmental Complete]:
 - Pending (Estimated: (b) (5))

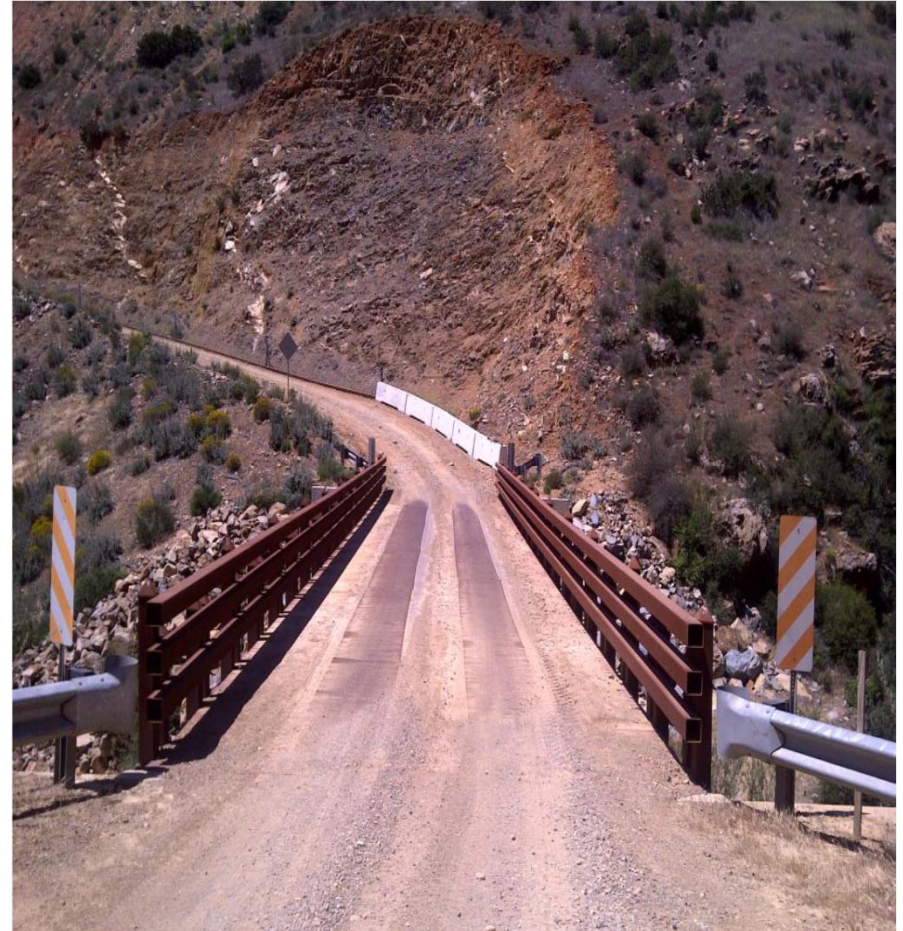


ENV Activities TI Projects – SDC

(b) (6), (b) (7)(C)

A-1 Revegetation

- Purpose of project is to stabilize fill slopes, offset loss of vegetation as well as reestablish Quino checkerspot butterfly (QCB) suitable habitat
- Seed collection completed in 2010; soil preparation and hydroseeding completed in 2011
- Year 2 success criteria met: More than 25% native cover and less than 30% Non-Native Invasive Species “NNIS” cover
- Revegetation plan, seed collection, soil preparation, and hydroseeding = \$1.2M
- Ongoing maintenance and NNIS removal = \$100K/year
- Project completion scheduled for 2016; however, project could meet Year 5 success criteria as soon as next year



ENV Activities TI Projects – SDC

(b) (6), (b) (7)(C)

(b) (7)(E) Revegetation

- Purpose of project is to stabilize cut and fill slopes; reduce sedimentation; reduce prevalence of NNIS, and offset loss of coastal sage scrub and maritime succulent scrub vegetation
- Soil preparation, irrigation installation, and planting completed in 2012
- Year 2 success criteria met: More than 25% native cover and less than 75% NNIS cover
- Revegetation plan, initial NNIS removal, and drip spray irrigation and plant installation = \$1.5M
- Ongoing operation, maintenance, NNIS removal = \$100K/year
- Project completion scheduled for 2016; however, project could meet Year 5 success criteria as soon as next year

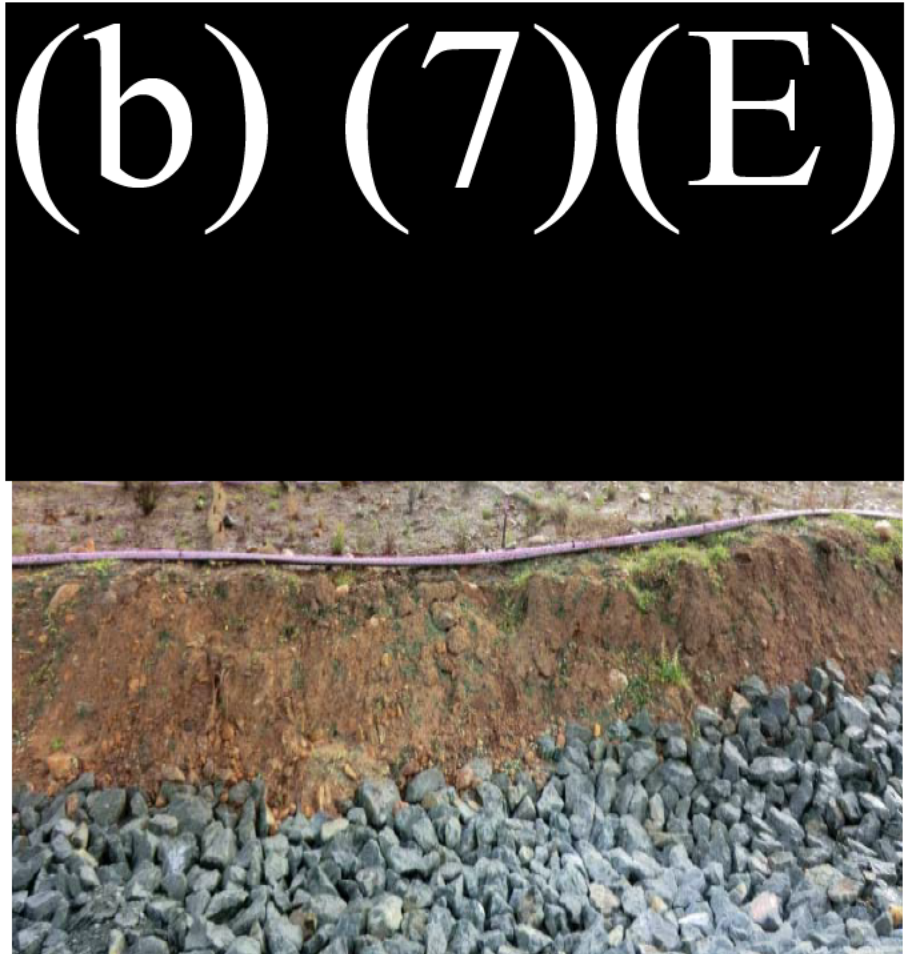


ENV Activities TI Projects – SDC

(b) (6), (b) (7)(C)

(b) (7)(E) Revegetation

- Purpose of project is to stabilize cut and fill slopes; close unauthorized roads; reduce sedimentation; offset loss of coastal sage scrub and maritime succulent scrub vegetation as well as reestablish coastal California gnatcatcher suitable habitat
- (b) (7)(E) AWR construction completed in October 2012; irrigation installation, planting, and hydroseeding completed in January 2013
- Year 1 success criteria met: More than 5% native cover and less than 10% NNIS cover
- Revegetation plan, plant salvage, overhead spray irrigation and plant installation, and hydroseeding = \$1.1M
- Ongoing operation, maintenance, NNIS removal = \$100K/year
- Project termination scheduled for 2017; however, project could meet Year 5 success criteria as soon as 2015



ENV Activities TI Projects – TCA

(b) (6), (b) (7)(C)



Colorado River Limitrophe Re-vegetation Project

Background:

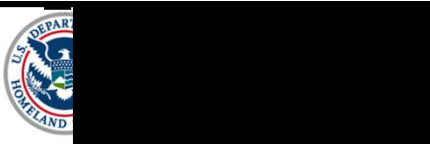
- In 2008, BLM granted a ROW to CBP for 560 acres of land along the Colorado River (b) (7)(E)
(b) (7)(E)
- In recognition of the high wildlife value of riparian habitat, the BLM land use plan requires mitigation for any habitat loss. As a condition of the ROW grant, CBP agreed to mitigate any impacts arising from this vegetation control by installing suitable wildlife habitat in locations without border security concerns
- CBP undertook 94 acres of vegetation control in 2008 and 55 acres of vegetation control in 2012 and the current mitigation requirement is now 43 acres of high value cottonwood-willow or mesquite habitat
- In April 2013, CBP learned that (b) (7)(E) was encumbered by access rights and farming rights

Milestones:

- After spending \$300K on environmental planning for a re-vegetation site in 2009/10, CBP was advised by BLM that this site was not available due to prior claims of the site by Bureau of Reclamation for dredge spoil.
- In 2011, CBP began a new environmental planning effort. Environmental planning for a new site, (b) (7)(E) (b) (7)(E) has now been completed. The estimated cost for re-vegetation of Paradise Cove is \$ (b) (5) including 10 years of vegetation maintenance.

Next Steps:

- CBP incorporating BLM comments on the draft plan in preparation for a stakeholder meeting this fall



ENV Activities TI Projects – TCA

(b) (6), (b) (7)(C)

(b) (7)(E) Re-vegetation

Background:

- Acting Commissioner in 2010 determined that construction of 6 - 8 miles of road (b) (7)(E) was the highest priority TI in AZ and that the waiver would be applied
- A three-phased military construction program began in January 2011 and approximately 4.5 miles have been completed to date

Milestones:

- RECON has completed re-vegetation and SWPPP implementation in June 2011, June 2012 and June 2013
- Seeding Completed in June 2012 for newly disturbed area.
- Costs to date are \$300K
- Re-vegetation plan calls for 5 years of monitoring and invasive species control, but progress to date exceeds targets indicating the project may be complete in less than 5 years



ENV Activities TI Projects – EPT

(b) (6), (b) (7)(C)

El Paso Vega Mowing Mitigation -- Plant 2500 Willow Trees

- Mitigation project to support a recently completed Environmental Assessment to increase the frequency of 91 miles of mowing within the floodway of the Rio Grande River.
- Project requires planting 2500 willow trees within four USIBWC designated arroyo conservation areas—very successful collaboration with USIBWC on this effort.
- Total Awarded Budget: \$96,815
 - Collect and Install 2500 Willows = \$80,180
 - Install Cattle Exclusion Fence = \$16,635
- Unfunded Option for Supplemental Irrigation = \$50,000
- Project Completed in March of 2013



Overview of completed installation at McClintock Arroyo.



ENV Activities TI Projects – LRT

(b) (6), (b) (7)(C)

(b) (7)(E) Road Remediation

- **Background:** (b) (7)(E) roads and trails project in Laredo requires revegetation for areas cleared during road and trail work. ~6 Acres of land on the campus of Laredo Community College will be cleared of invasive graded; irrigated; and planted with a mix of native plants.
- **Status:** The (b) (7)(E) roads construction is complete. Revegetation is required. Real Estate has been obtained. Contracting is on-hold in ECSO due to failure to move the funds into the contracting queue at year's end.
- **Cost to Date:** \$2.4 Million
- **Remaining Costs:** (b) (5) (funding is at ECSO)
- **Schedule:** Contracting Fall 2013; Invasives removal and site prep summer through Dec 2013; Irrigation installation Fall 2013; Planting February-March 2014.
- Five years of warranty; monitoring; and maintenance to commence after 2014 planting



(b) (7)(E)

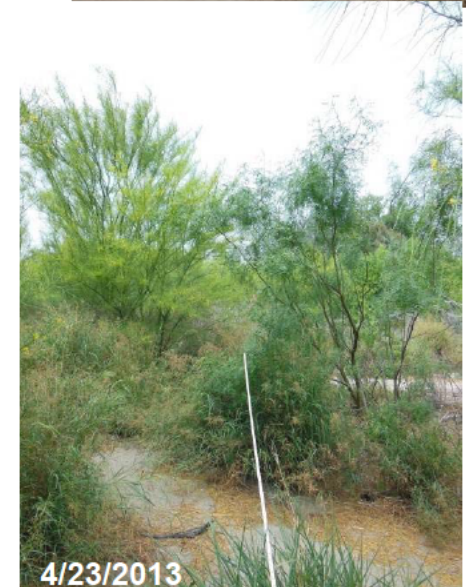
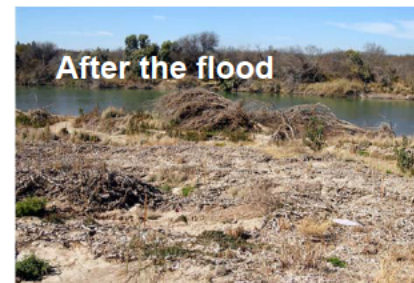
ENV Activities TI Projects – RGV

(b) (6), (b) (7)(C)

(b) (7)(E) Pilot Project

- **Background:** (b) (7)(E) is an operational issue throughout the Rio Grande Valley. An EIS for removal was underway, when this pilot project was proposed to gain knowledge about removal methods. A variety of “traditional” Methods including mechanical removal, cut stem and paint, and herbicide application were performed on ~265 A (0.9 miles) in Laredo.
- **Status:** The removal is complete. Revegetation is complete. Year three (of 5 years) of monitoring indicates good regrowth, and low incidence of invasive growth
- **Cost to Date:** \$2.250 Million
- **Remaining Costs:** None
- **Schedule:**
 - Annual Report 4 by June 2014
 - Annual Report 5 by June 2015 – end of project. Project could meet Year 5 success criteria as soon as this year.

(b) (7)(E)



ENV Activities TI Projects – RGV

(b) (6), (b) (7)(C)

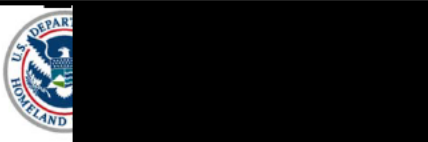
Biological Control of (b) (7)(E) Project

- **Background:** (b) (7)(E) is an operational issue. Estimates to remove the cane using “traditional” means exceed \$ (b) (5) USDA / Agricultural Research Service had been working on biocontrol. DHS S&T identified this as a promising technology. Since then the USDA work has been funded by FM&E.
- **Status:** Two insects (wasp and scale) have been approved for release. Another is awaiting approval (Leaf miner). USDA has shown the ability to introduce the insects, and the insects have shown the ability to become established. Current work is to approve the remaining insect; establish numerous release sites for the insects; demonstrate that the insects increase visibility in an operationally significant manner; and look at hybrid methods of “traditional” control coupled with biocontrol.
- **Cost to Date:** \$1 Million FY 2010-12; \$2.2 Million (2+ years)
- **Remaining Costs:** \$2.87M - 2014-2016 (3-Years @ \$959,040/year)
- **Schedule:** Contracting due to complete August 30. New TAG Petition 2014 with release of leaf miner thereafter. Hybrid results in 2014. visibility results in 2015. Should be self sustaining in 2016 at agreement

(b) (7)(E)



Cane Topped and Inoculated 1 year ago.



ENV Activities TI Projects – SPW

(b) (6), (b) (7)(C)



(b) (7)(E) Road Environmental Assessment

Background:

- Highest priority TI project in Spokane Sector is maintenance and repair of 5.6 miles of the existing (b) (7)(E) Road on (b) (7)(E)
- Road is located within the (b) (7)(E) within a bear management unit which does not currently meet forest plan requirements in terms of road density

Milestones:

- Completed public scoping process in March 2013

Next Steps:

- Determine the nature of any on-site data to be collected
- Based on an analysis of on-site data collected and other information, CBP and FS will make a determination whether an EIS is warranted



ENV Activities TI Projects – IAA

(b) (6), (b) (7)(C)



CBP/DOI IAA to Address PF/VF Construction Impacts

Background:

In 2009 Secretary DHS and Secretary of Interior signed an MOU and LOC which provided that CBP would allocate up to \$50M to address fence-related impacts to DOI-administered natural and cultural resources

March 2010, DOI delivered a list of 29 conservation actions totaling \$52.5M to CBP

Three largest conservation actions were: \$21M for ocelot and jaguarondi habitat acquisition in TX, \$14.1M for endangered species habitat acquisition in CA and \$5.2M for jaguar conservation

Milestones:

Sept 2010 completed an IAA providing \$6.8M to fund 9 conservation actions

FY12 completed IAA amendments of \$8M for CA land acquisition and \$3M for TX land acquisition

Of the \$17.8M allocated, \$12.5M has been obligated and the Unliquidated Obligation is \$5.3M

The FY13 Continuing Resolution Conference Report specified that no CBP funds were to be allocated in support of this IAA

Next Steps:

Continued execution oversight via six month progress reports and major accomplishment report due in Sept 2013



ENV Activities FAC Projects – TCA

(b) (6), (b) (7)(C)

(b) (7)(E) Watershed Mitigation

- Purpose of project is to complete ESA Section 7 mitigation for construction and operation of facilities near (b) (7)(E) Arizona. CBP agreed to mitigate for water use by acquiring a conservation easement between 1,400 and 1,900 acres at a cost of approximately \$4M. BLM may have an interest in managing the property after it is acquired.
- Mitigation has been outstanding since June 2010. CBP made an unsuccessful attempt to acquire the easement through a third-party and has since been reviewing authority for direct acquisition. (b) (5)

(b) (5)

(b) (5)



(b) (7)(E)

Env Activities Projects - Range Soil Assessments

(b) (6), (b) (7)(C)

Range Soil Assessments

- **Background:** BPFTI completed a 32 range condition assessments this year. BPFTI must determine whether any of these ranges pose a environmental compliance/health risk. BPA contracts for further environmental assessment for El Centro, Fabens, Freer and Ajo (BMGR) firing ranges initiated.
- **Status:** Developed a SOW for the El Centro firing range even though it was not included in the range assessment program. BPA actions underway.
- **Cost to Date:** El Centro \$60K; Fabens/Freer/Ajo \$130K
- **Schedule:**
 - El Centro: Fall 2013
 - Three ranges: Fall 2013
 - Additional ranges: TBD



ENV Activities FAC Projects – TCA

(b) (6), (b) (7)(C)

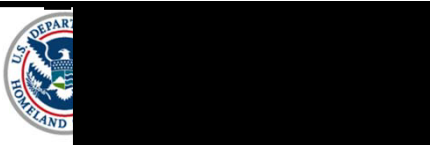
Former Nogales Outdoor Firing Range (Nogales, AZ)

BACKGROUND

- Range closed due to safety concerns on adjacent properties.
- Remediation of firing range required by terms & conditions of lease.

STATUS

- Soil investigation completed on adjacent properties and at former range.
- Elevated levels of lead identified on adjacent parcels and former range.
- Due to presence of WWI era exploded ordinance artifacts on neighboring properties, adjacent lands to be investigated by DOD FUDs program.
- In process of completing agency and public review of proposed remediation approach under CERCLA.
- Cleanup of range property to be completed separately from neighboring properties and it is anticipated the start of cleanup will be early 2014.



ENV Activities FAC Projects – TCA

(b) (6), (b) (7)(C)

Former Nogales Outdoor Firing Range (Nogales, AZ)

BUDGET

- \$275K for soil assessment and development of RI/FS.
- Estimated total cost of cleanup at firing range is between \$2.6MM and \$3.5MM
- Costs for remediation of neighboring properties have not yet been developed.

SCHEDULE

- Submit RI/FS for review and approval by AZDEQ through state voluntary cleanup program by mid-Sept. 2013.
- Conduct public input by late Nov. 2013.
- Incorporate comments and finalize ROD by early Dec. 2013.
- Commence cleanup actions at range by Mar. 2014
- Following investigation and remedy by DOD FUDs program (2 to 3 years), additional removal actions on neighboring properties will be completed.



ENV Activities FAC Projects – SDC

(b) (6), (b) (7)(C)



(b) (7)(E) Station (UST Cleanup)

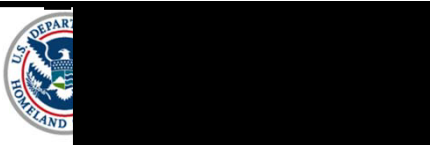
BACKGROUND

- Former 10,000 gallon gasoline UST removed from facility in 1997. Replaced with two 12,000 gallon gasoline USTs.
- Approx. 1,770 cubic yards of contaminated soils removed from UST excavation in 1997

STATUS

- On-site and off-site soil and groundwater investigations completed between 1998 and 2009. A total of 20 groundwater monitoring wells installed (6 on-site and 14 off-site).
- Free product plume has been fully delineated off-site. Free product thickness ranges from several inches up to 2 feet on-site and up to 4 feet off-site.
- Current strategy is to treat source area on-site with soil vapor extraction (SVE) and air sprage and to treat off-site groundwater plume separately.

(b) (7)(E)



ENV Activities FAC Projects – SDC

(b) (6), (b) (7)(C)



(b) (7)(E) Station (UST Cleanup)

STATUS (Continued)

- SVE and air sparge system installed on-site and operational since Oct. 2011.
- Since Oct. 2011, a total of approx. 10,000 gallons of hydrocarbons have been removed from the subsurface on-site.
- Additional off-site free product delineation performed in Feb. 2013 to fully delineate free product plume.

BUDGET

- Current costs for cleanup are \$2.6MM. Additional costs of between \$1MM and \$2MM anticipated for completion.

SCHEDULE

- Vapor intrusion study of adjacent county facility to be completed in Oct. 2013.
- Continued SVE operations for three years with groundwater monitoring continuing through 2017.

(b) (7)(E)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Subject: Re: TI Project / Military Weekly Update 01/25/13
Date: Monday, January 28, 2013 7:21:08 AM

I will need to talk to (b) (6), (b) (7)(C) and the USACE.

(b) (6), (b) (7)(C)

Project Manager, TI Project Division

BPFTI PMO FM&E

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

Sent via Blackberry

From: (b) (6), (b) (7)(C)
Sent: Saturday, January 26, 2013 03:59 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Subject: Re: TI Project / Military Weekly Update 01/25/13

Very good. (b) (5)

From: (b) (6), (b) (7)(C)
Sent: Friday, January 25, 2013 04:20 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Subject: RE: TI Project / Military Weekly Update 01/25/13

CORRECTION –

(b) (7)(E): OCC came back (b) (5) I will forward the email to (b) (6), (b) (7)(C) (still catching up on emails and just saw this...)

(b) (6), (b) (7)(C)

Project Manager, TI Project Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Friday, January 25, 2013 9:57 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Subject: TI Project / Military Weekly Update 01/25/13

Hot Items

- RGV Gates (b) (7)(E) to start construction on Friday. (b) (7)(E) drawings due 1/30/13, comments due 2/6/13, site visit on 2/7/13 to review drawings and comment resolution meeting 2/8/13. IBWC HQ meeting to be set up with local IBWC POC and BPFTI to review and document IBWC concurrence ((b) (6), (b) (7)(C) action).
- RGV (b) (7)(E) 10% Design was delivered on 1/9/13. 35% Design due 2/13/12. CATEX is with EED for review and approval – due next week.
- RGV (b) (7)(E) Boat Ramp PRD is signed. Being populated in FITT by USACE. Funds were transferred this week.
- LRT Boat Ramp PRD meeting is scheduled for 1/25/13. Electrical is targeted to be complete the end of February.
- LRT (b) (7)(E) IIIBC Revegetation contract is underway. CR to be processed for funding line name change.
- DRT (b) (7)(E) Bridge Repair PRD is with (b) (6), (b) (7)(C) for signature. OCC provided a review (b) (5)
- EPT (b) (7)(E) Declaration of Taking Packages for four private land owners are under review with USACE SW Division Legal (b) (5)
(b) (5) Real Estate clearance continues to stay on schedule for April 2013 and contract award May 2013. Power Pole Move by El Paso Electric through EPWU is still on schedule before construction. BCOE is under review with USACE.
- (b) (7)(E) engineering site visit (USACE) the first week of February.
- (b) (7)(E) clean up construction contract BCOE under review and due 2/8/13. Contract award early March 2013.
- TCA Nogales (b) (7)(E) Construction – FY13, 2nd Rotation underway. Issues with RFIs, FOR (request for removal), and progress of construction are being discussed with BPFTI, OBP, and BPSCC. Potential meeting next week with JTF-N.
- TCA (b) (7)(E) Road Improvement (Military FY14 Planning) AE contract proposals due 1/24/13 and award 1/28/13. Real Estate is all cleared for study. Arch Survey SOW is with contracting. Draft PRD for construction comments submitted 1/7/12 – (b) (6), (b) (7)(C) has the action to finalize.
- TCA (b) (7)(E) (Military FY14 Planning) AE award projected for today, 1/25/13. FONSI is projected for signature at the end of January 2013. Arch survey took place last week – 4 arch sites found and final report is being developed.
- (b) (7)(E) Fence Replacement kickoff held on 1/10/13.
- ELC (b) (7)(E) Road Phase A 100% Designs were submitted on 12/17/12. Environmental: EA public comment period ended on December 15 and comments have been addressed by GSRC. Received IBWC concurrence letter on 1/24/13. Phase B Drawings due March 2013.
- SDC (b) (7)(E) Roadway Improvement Final 100% Drawings submitted. Received IBWC concurrence letter on 1/24/13.
- SDC (b) (7)(E) Real Estate cleared. Team met on 1/23/13 to review design. Environmental, Material, Survey Contract, etc. actions are being work per this meeting. Discussion with SDGE continues regarding the movement of the power poles will now move forward since we have possession of the land. Schedule to follow.

Issues / Help Needed

- (b) (7)(E) Leadership issues as mentioned above and already discussed.

Kudos

- (b) (7)(E) Gap Closure Complete (thanks to (b) (6), (b) (7)(C) for tracking construction in the field and attending final inspections)
- NGL (b) (7)(E) Tunnel final punch list (puck lock) Complete
- (b) (6) (USACE RE) and (b) (6), (b) (7)(C) have been providing indispensable support on RE to El Paso Sector on the (b) (7)(E) projects

Week Ahead

- (b) (7)(E) Meeting with JTF-N, OBP, BPSCC (pending final coordination) and memo
- (b) (7)(E) AE Award
- (b) (7)(E) AE Award
- Finalize (b) (7)(E) PRD
- Finalize ELC Water Contract with IID
- Finalize (b) (7)(E) Coordination with WG
- Send out notes from IBWC meeting (in coordination with (b) (6), (b) (7)(C))

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Project Manager, TI Project Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: TI/Military Project and YUMA ENABLE Weekly Update 07/11/14
Date: Friday, July 11, 2014 11:02:27 AM

Meeting moved to next week.

PRD?? I don't think so...

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Friday, July 11, 2014 10:37 AM
To: (b) (6), (b) (7)(C)
Subject: RE: TI/Military Project and YUMA ENABLE Weekly Update 07/11/14

We have our meeting with (b) (6), (b) (7)(C) today at 1pm to discuss the expiring funds, so nothing further at this point until we hold this meeting.

The PRDs should be in your inbox for signature from (b) (6), (b) (7)(C) for review and signature as of 7/7/14.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP
Program Manager Lead for Projects and Milcon
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Friday, July 11, 2014 10:33 AM
To: (b) (6), (b) (7)(C)
Subject: RE: TI/Military Project and YUMA ENABLE Weekly Update 07/11/14

HELP NEEDED

- Expiring funding for ELC (b) (7)(E) EPT (b) (7)(E) and RGV (b) (7)(E)
- PRD Signatures for (b) (7)(E)

How can I help??

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
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1301 Constitution Ave. NW, Suite B-155
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Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Friday, July 11, 2014 8:32 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: TI/Military Project and YUMA ENABLE Weekly Update 07/11/14

TI/Military Weekly Update 07/11/14

- ELC (b) (7)(E) FY14 Construction is complete (1.24 Miles completed to date). (b) (5)

(b) (5)

- (b) (7)(E) (b) (5)

(b) (5)

- (b) (7)(E) (b) (5)

(b) (5)

- (b) (5) Funding was approved for Design and being added to the USACE IAA.

- (b) (7)(E):
 - JTF-N Update: All FY14 road work has been completed to date. (b) (5)

(b) (5)

- Forest Service Update: BPFTI is working with CBP Procurement on the Modification for the IAA (b) (5)

(b) (5)

- Working Water Well permit through the Forest Service and Arizona Department of Water Resources.
- Coronado National Forest Service Road EA is due October 2014. PRD is drafted and provided to (b) (6), (b) (7)(C) for review and routing as of 4/24/2014.

(b) (7)(E) Fence:

- o Substantial Completion was on 6/19/14
- o Actuator is in transit to El Paso for installation at the LWC the week of July 14th.
- o Closing out final construction punch list items and transitioning to M&R and Border Patrol. Punch list is 82% complete.
- **(b) (7)(E)** Right of Entry obtained for 1 private land owner **(b) (6)** and working to finalize ROE/OTS with **(b) (6), (b) (7)(C)** **(b) (5)**
(b) (5)
- **(b) (7)(E)** DOJ met with the Water District board on 7/11/14 to finalize the Declaration of Takings (DOT) – still some concerns from the Water District that are being worked with DOJ and BPFTI. SSEB was held from 5/20/14-5/21/14, and on 6/24/14 for Tech Review. **(b) (5)**
(b) (5) The Base will include 3 Crossing, with an Option for the remaining 5 Crossing – based on Real Estate clearance, **(b) (5)**

(b) (5)

- RGV **(b) (7)(E)** Phase 1 & 2 100% Drawings are available. FY14 Construction is complete as of 6/20/14 (2.50 miles completed to date). **(b) (5)**
(b) (5)
- **(b) (7)(E)** Road Re-Vegetation contract to be awarded August 2014. The PRD is currently being circulated for final signature.
- **(b) (7)(E)** Road PRD (FY15 MILCON) PRD was signed on 3/18/2014. Final 15% Designs were distributed on 4/9/2014. Real Estate obtained executed ROE-S clearance with the City of Laredo **(b) (5)**
(b) (5)
- **(b) (7)(E)** Road Improvement PRD (FY15 MILCON) PRD was signed on 3/18/2014. Final 15% Designs were distributed on 4/9/2014. ENV and RE cleared for ROE.
- **(b) (7)(E)** Road Improvement PRD (FY15 MILCON) PRD was signed on 3/18/2014. Final 15% Designs were distributed on 4/9/2014. ENV and RE cleared for ROE.
- Future (FY15 & Beyond) **(b) (5), (b) (7)(E)**
(b) (5), (b) (7)(E)
- **(b) (7)(E)** Secondary Fence: Draft PRD was sent to BusOps on 6/30/2014 for final signature. D&D Funding approved in the amount of \$450K – to be placed on Equipment BPA and contract for material purchase. Environmental to complete MFR for clearance **(b) (5)**
(b) (5)
- **(b) (7)(E)** Pump Project: Meeting held with IBWC and CBP to discuss path forward between IBWC and the County. IBWC to make a decision on the path forward by the end of July 2014.

HELP NEEDED

- Expiring funding for ELC **(b) (7)(E)** EPT **(b) (7)(E)** and RGV **(b) (7)(E)**
- PRD Signatures for **(b) (7)(E)**

Yuma Lights ENABLE

- Field Demonstration of the lights took place the night of 1/4/14. BPFTI approved all designs on 5/8/14. Contractor submitted the Draft IGA, Contract and Financing Document to CBP on 5/31/14. CBP approved the removal of the Controls on 7/8/14. Updated schedule is due next week per decision on controls and financial feedback. Final IGA, Task Order Award, and NTP to the contractor for installation of the lights is TBD pending the updated schedule. Environmental is obtaining final signature on the additional CATEx needed for trenching.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), PMP

Project Manager, TI Project Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: weekly
Date: Thursday, November 01, 2012 11:41:19 AM

(b) (6), (b) (7)(C) – With regard to Hot Issue 1.b in your 10/31 weekly report, below, (b) (5)
(b) (5) By way of a quick recap, I received your e-mail after leaving the office that Tuesday afternoon and immediately called you to confirm my understanding of the issue, provide my initial thoughts and let you know that I would discuss your RE request (b) (5)
(b) (5) with (b) (6), (b) (7)(C) ASAP. I immediately forwarded your e-mail to (b) (6), (b) (7)(C) with my thoughts and called you the following morning (10/24) to relay (b) (6), (b) (7)(C) response (requesting additional information on the identity and authority of the local UPRR rep and promising a quick turnaround on the RE side assuming everything checked out ok). I can't remember whether we spoke directly or I left a voice message that morning, but whatever the case I forwarded (b) (6), (b) (7)(C) e-mail to you later that same day (it went out on my end at 12:00 pm Eastern on 10/24).

Since then, I've received information from you confirming that (b) (6), (b) (7)(C)

(b) (5)

(b) (5) please e-mail me the requested information ASAP and I will make sure it gets (b) (6), (b) (7)(C) immediate attention.

By way of an update on other RE-related items in your weekly report:

- Major Efforts 2.f (b) (7)(E) – Have briefed (b) (6), (b) (7)(C) on RE aspects of project and received briefing from her on your Oct 29 engineering-related conference call with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C), and have also discussed RE/ENV issues with (b) (6), (b) (7)(C) (given his familiarity with location and project). Will be following up with Corps RE in anticipation of PRD-related conference call to be scheduled by (b) (6), (b) (7)(C)
- Good News stories/Accomplishments bullet 2 (also relates to Major Efforts 2.j: ENV for boat ramp projects) – I received your e-mail of yesterday re (b) (7)(E) boat ramps. Will check with Corps RE on your question and respond as soon as I have an answer.

Thanks, and don't hesitate to call or e-mail me with any questions. -- (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Real Estate Specialist, LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
Sent: Wednesday, October 31, 2012 3:41 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: weekly

(b) (6), (b) (7)(C) here is my weekly report. I'm forwarding early due to my leave scheduled for tomorrow. Everything in Red reflects change/updates.

1. Hot Issues:

a.

(b) (7)(E)

b.

Lag on Re/Env for UP RR access. Necessary repairs are needed due to agent safety. Delayed for clearance. (b) (6), (b) (7)(C) assisting with situation.

c.

(b) (5)

2. Major Efforts:

a.

Developing a tool kit For CTIMR to support all Southwest Border work elements. Ongoing. (b) (6), (b) (7)(C) has provided resources that will be extremely helpful

b.

Developing spread sheet to organize all Engineering efforts needed thru 2013 for all of Area 3 and Area 4. (b) (6), (b) (7)(C) has received all Engineering efforts for Area 3 & Area 4 and is consolidating into a spread sheet I provided her on 9/18/12. Delayed to PMR efforts, expect delivery next week.

c.

CTIMR Area 4 CWP- Assisting in development and completion of CWP#2 is expected on 9/17/12. Received completed CWP as of 9/26/12 and approved in WMS. OBP has approved and awaiting Funding approval. CWP #2 activated and deferral of 33% was required due to budget constraints. CWP#3 work task have been identified and supplied to contractor.

d.

DRT M-1 Drainage Study: gathering data for (b) (6), (b) (7)(C) from county, TxDot & city. Data includes: GPS topo maps, plans & studies for drainage improvements of the site. All parties have agreed to allow us to have input on the improvements. Ongoing. Met with city Engineer on 7/19/11 for preliminary update. On schedule.

e.

Repairs for (b) (7)(E) Boat Slip (b) (5)

(b) (5)

Anchors have been order and work will commence upon receipt of anchors/bolts. Included task order in CWP 2 for repairs. Sub-contractor making necessary repairs. Scheduled completion COB Oct 26th.

f.

(b) (7)(E) Bridge: Obtained signed License agreement from City of Eagle Pass. All cleanups have been completed and culverts relocated to (b) (7)(E) Working with City to obtain a

permanent easement to construct a new crossing. Scheduled meeting is 7/27/12. Conducted site visit with (b) (6), (b) (7)(C) for Env. Assessment needed for re-construction efforts and schedule meeting with RE in DC next week to discuss time-line. RE/Env due by 12/31/12. Need Engineering /PRD development. I will be reaching out to (b) (6), (b) (7)(C) for assistance. Held discussion with (b) (6), (b) (7) on 9/19/12 for the development of PRD and Engineering efforts needed and set date for completion. Held discussions with (b) (6), (b) (7)(C) on Weds. October 17th and working with PMO to complete PRD request and obtain funding for engineering design. Target date for new construction is early February. Telecom scheduled with (b) (6), (b) (7)(C) and (b) (6), (b) (7) on Monday Oct 29th.

- g. (b) (7)(E) -Re-approached landowner with ROE. Signage received on 7/13/12. Schedule maintenance is set for Aug. 1st. Maintenance is underway and on schedule, current status is approximately 66% complete. Conducting final inspection on 10/05/12. Landowner meeting schedule to evaluate our performance set for Tuesday Oct. 16th. This has been a major accomplishment for FM&E and Sector relations. Delayed, landowner unable to attend, rescheduling necessary, waiting for newly proposed date by landowner.
- h. (b) (7)(E) Bridge- Primus Contractor is approximately 50% complete with all M&R task associated with repairs. On schedule. Tentative completion date is set for October 19th. Due to weather related events, completion moved to October 26th.
- i. DRT Vegetation control- phase-I & 2 is complete and phase 3 will begin on Oct 01. Work cycle tentative completion date is set for October 12th. New work cycle schedule for October 22nd, currently underway.
- j. Environmental Assessment for the following was completed: (b) (7)(E)
[REDACTED]
[REDACTED] access roads (b) (7)(E)
(b) (7)(E) Bridge Construction.
- k. M-1Brush Clearing- Environmental scheduled for Nov 4th.
- l. (b) (7)(E) gate installation will commence today and be completed on 9/28/12. Completed according to schedule. Additional work required (b) (7)(E)
[REDACTED] Ongoing
- m. (b) (7)(E) road Study-. Contacted Presidio County Judge to obtain information regarding their direction of ownership. PM/COR & Sector working with county to establish long range goals. Scheduled site visit 9/19/12. Ongoing. Held meeting with sector on 9/18/12 to determine direction. No definite commitment from sector or county. (b) (5)
[REDACTED]
- n. Big Bend IAA- Completed (b) (7)(E) of road repair. Have schedule site inspection for 7/31/12. Completed road inspections for all Roads except (b) (7)(E) End of year inspection scheduled for 9/20/12.
- o. (b) (7)(E) Site visit scheduled with contractor on 9/18/12 for debris cleanup

and vehicle barrier effort. Held site inspection with ECSO and Contractor to determine new work and set mobilization date on 9/18/12. Mobilization set for October 1st. Onsite inspection to be conducted on 10/11/12. All work elements are being completed to satisfaction. All Vehicle barriers have been properly completed to meet Environmental Issues. Acceptance was completed on Monday October 16th.

- p. Scheduled meeting with 1640/New TI Coordinator and A-Chief for BBT on 9/19/12. Discussion to include but not be limited to TI Requirements, Big Bend IAA, identifying new requirements and maintaining existing TI requirements. Held meeting on 9/19/12: identified need for new TI requirements and status update on all M&R efforts where provided to sector. Will provide awareness and educational brief on 9/27 to all stations on development of requirements during our Tx-TIMR meeting. Held Tx-TIMR meeting with DRT and BBT at Big Bend Sector. It was very successful. Provide all materials and procedures for BP to complete and submit requirements to OBP on 10/01/12
- q. Laredo: Provide guidance on road repairs and Boat ramp cleanup to maintain operations. Requested we utilize IDIQ for cleanup, due to budget constraints for Area 4 CTIMR contract. Placed on hold due to contracting, still awaiting decision, I will attempt to ratify issue today. If I continue to get no response I will request additional assistance from (b) (6), (b) (7)(C). Have requested telecom with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) to discuss path forward due to budget constraints.
- r. Assume the lead for Towers task orders in RGV. Working with (b) (6), (b) (7)(C) to resolve electrical issues. Still receiving data from (b) (6) and team. It will be essential for me to travel to RGV to complete this task. Travel scheduled for Nov 12 thru Nov. 16th to complete process.
- s. Assisted RGV in roads assessment and defining task to complete sector requirements for (b) (7)(E). All chemical control efforts for road maintenance is complete as defined in approved task description for (b) (7)(E). All work elements completed. Assisting with continued work task orders for CWP 2 and Road maintenance guide development. Ongoing.
- t. Evaluated (b) (7)(E) to determine cost effective strategy. Held meeting with (b) (6), (b) (7)(C) and RGV PM and Field Supervisor on 9/10 thru 9/12. (b) (5), (b) (6); (b) (7)(C)
- (b) (5)
- u. Ongoing, held telecom with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) on 10/03. Assumed Team Lead for Area 4 CTIMR. (b) (5), (b) (6); (b) (7)(C)

3. Good News stories/Accomplishments:

- Primus is providing quality service for Del Rio Sector and they continue to improve daily.
- Continue to meet deadlines and schedules under CTIMR for Del Rio sector: Ongoing task: vegetation, (b) (7)(E) Boat Ramp, (b) (7)(E) Access Road
- Continue to provide leadership and direction to Area 4 Pm's on CTIMR and requirements. Assumed Team Lead Status.
- Relationship continues to improve and working relationship growing with new TI Coordinator.
- Owen has been very pro-active in achieving goals.
- WG's actively engaged in all work requirements- current task include repairs to operational roads at 05 thru 048, M-1 POE & stone ranch, Swale expansion at Casbeers curve

4. Concerns:

- a. Primus's ability to complete all CWP's by deadline and provide proper invoices for approval.

- b. (b) (5) . We are implementing WG, IDIQ's and identifying any potential resource available within all three sectors to assure success.

5. Deliverables:

- a. Completed Burn rate spread sheet and word document to support WMS updates for Area 4. Working with Primus to achieve updated burn rate. Primus to propose their version by Monday Oct. 29th.
- b. Continue to assist RGV in task description development and completing roads repair via chemical and identifying mechanical direction on remaining roads M&R. CWP 2 complete. Ongoing
- c. Assisting (b) (6), (b) (7) with CPARS entry. Completed
- d. Held meeting on Oct 25th with WG's, TI Coordinator and (b) (6), (b) (7)(C) (1640) on current changes, all positive.
- e. Invoices are under review and set for approval on Monday 15th. Waiting for additional receipt backup. Approved for payment
- f. CTIMR Area 4- Del Rio Schedule current, no delays

Respectfully,
Program Manager / COR II
Del Rio & Big Bend Sectors
DHS/CBP
FM&E BPFTI-Tactical Infrastructure
Cell: (b) (6), (b) (7)(C)
Desk: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C) (b) (6) (b) (6)
(b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C)
Subject: RE: TODAY'S CALL: (b) (7)(E) Luis Daily Stand Up Calls
Date: Wednesday, May 27, 2015 8:16:06 AM
Attachments: NON-RESPONSIVE

Also, I am attaching our Real Estate Schedule for this morning's discussion...
Dates in green are "actual" dates.

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**
Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 27, 2015 8:12 AM
To: (b) (6), (b) (7)(C) (b) (6)
(b) (6)
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C)
Subject: TODAY'S CALL: (b) (7)(E) Daily Stand Up Calls
Importance: High

All,
Attached is the signed PRD for (b) (7)(E) however Yuma Sector (b) (6), (b) (7)(C)) had some comments below. We will discuss on this morning's call:

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

Additionally, the notes from yesterday's call are attached.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Special Projects Analyst, Business Operations Division

Strategic Analysis, Inc.

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Blackberry: (b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E)RE Green for M&R for Western Half
Date: Friday, October 04, 2013 12:08:02 PM

(b) (5), (b) (7)(E)

Respectfully,

(b) (6), (b) (7)(C)
Program Manager / COR III
Del Rio & Big Bend Sectors
DHS/CBP
FM&E BPFTI-Tactical Infrastructure
Desk: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, October 04, 2013 10:42 AM
To: (b) (6), (b) (7)(C)
Subject: FW: (b) (7)(E)RE Green for M&R for Western Half
Importance: High

(b) (5)

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Friday, October 04, 2013 11:39 AM
To: (b) (6), (b) (7)(C)
Subject: FW: (b) (7)(E)RE Green for M&R for Western Half
Importance: High

(b) (6), (b) (7)(E) – as requested, below email reflects ‘RE Green’ for Western half of (b) (7)(E) fence.

Very Respectfully,

(b) (6), (b) (7)(C)
W: (b) (6), (b) (7)(C)
M: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, August 30, 2013 2:56 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: (b) (7)(E) Real Estate Status Update
Importance: High

FYI for All-Concerned:

WESTERN PORTION of (b) (7)(E) FENCE ‘RE GREEN’:

We just today received our first signed ROE-C for the two Timberlake Properties (now BJTR Investments LP).
As you can see on the attached map set, this covers (Tracts (b) (7)(E)), which encompass the western portion of the proposed work area – including the access in from the railroad crossing. So, we’re ‘RE Green’ for the western half of the project.

EASTERN PORTION – STATUS & PATH FORWARD:

As for the eastern half of the project, there are two owners: the Union Pacific Railroad and Sunland Park Properties LLC.

I’m also attaching the RE Status Tracking spreadsheet that (b) (6), (b) (7)(C) (USACE RE) has been updating for us each Thursday.

(b) (5)

(b) (5), (b) (6)

We're half-way there after formally energizing just three weeks ago!

I hope everyone has a great 3-day weekend!

Very Respectfully,

(b) (6), (b) (7)(C)

W: (b) (6), (b) (7)(C)

M: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, August 21, 2013 12:05 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Updated with Both Attachments - FW: (b) (7)(E) RE Map & RE Status Update

(b) (6), (b) (7)(C),

1. Sector confirmed that Tract (b) (7)(E) is the correct access point to the site.
2. Sector understands that Tract (b) (7)(E) will be very tight along the railroad lines, and you will get whatever space is available.
3. Staging in Tract (b) (7)(E) – Some concerns were discussed that need to be considered.

a.

(b) (7)(E)

- b. Flooding – depending on the time of year, flooding could be a serious concern.
4. Another concern raised is whether the culvert under the border road just east of Tract (b) (7)(E) will handle construction traffic loads without damage/failure. (b) (5)

(b) (5)

If anyone has a concern with either of those, please respond to this email. Thanks!

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 20, 2013 2:01 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Updated with Both Attachments - FW: (b) (7)(E) RE Map & RE Status Update

(b) (6), (b) (7)(C),

I'll set up a call, maybe for tomorrow, so we can discuss (b) (5), (b) (7)(E)

Please review the attached, and invite anyone you'd like.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, August 20, 2013 1:37 PM

To: (b) (6), (b) (7)(C)

Subject: Updated with Both Attachments - FW: (b) (7)(E) RE Map & RE Status Update

(b) (6), (b) (7)(C) here you go.

To review:

1. Confirm access & staging
2. Highlight difficult area by RR tracks (i.e. limited clearance btwn tracks & fence)
3. For now, we will not pursue RE to the east of the Sunland Park Land Development Corp (triangular-shaped) tract, nor will we pursue the alternate access route shown in red.

FYI – The Corps has already commenced efforts to secure a Right of Entry for Construction (ROE-C) from impacted landowners.

I've attached the tracker sheet we've put together.

Here's the latest update notes from (b) (6), (b) (7)(C) (Corps Realty Specialist):
(he's updating me weekly on status)

- 1) ROE-C's are all created
- 2) BJTR Investments (Timberlake) - made contact and sent ROE-C...we will be working with 5 members of the corporation, they are reviewing ROE-C
- 3) Sunland Park Properties - made contact with officer of corporation, he is forwarding on my request to the owner, following up
- 4) Union Pacific - Prior contact has retired, attempted to make contact, following up

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager

LMI

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Fw: TI Project / Military Weekly Update 02/01/13
Date: Monday, February 04, 2013 8:46:41 AM

(b) (6), (b) (7)(C)

Project Manager, TI Project Division

BPFTI PMO FM&E

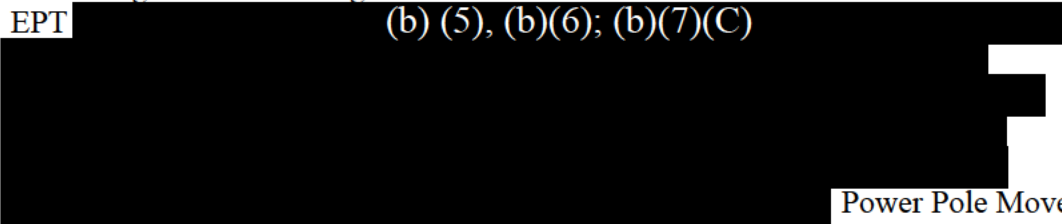
Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

Sent via Blackberry

From: (b) (6), (b) (7)(C)
Sent: Friday, February 01, 2013 12:20 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6)
(b) (6) (b) (6), (b) (7)(C)
Subject: TI Project / Military Weekly Update 02/01/13

Hot Items

- RGV Gates (b) (7)(E) to start construction 2/8/13. (b) (7)(E) drawings due 1/30/13, comments due 2/6/13, site visit on 2/7/13 to review drawings and comment resolution meeting 2/8/13. IBWC meeting held with HQ and local POCs – concurrence letters to be set on 1st and 2nd gate design packages from HQ.
- RGV (b) (7)(E) 10% Design was delivered on 1/9/13. 35% Design due 2/13/12. CATEX was approved on 1/31/13. Geotech to start in the next two weeks. JTF-N to visit the site on 2/12/13.
- RGV (b) (7)(E) Boat Ramp PRD is signed. Being populated in FITT by USACE. Schedule is being finalized.
- LRT Boat Ramp meeting held to review PRD for a scope amendment. Electrical is targeted to be complete early March.
- LRT (b) (7)(E) Road IIIBC Revegetation contract is underway. CR to be processed for funding line name change.
- EPT (b) (5), (b)(6); (b)(7)(C)

Power Pole Move by El Paso Electric through EPWU is still on schedule before construction. BCOE is under review with USACE. Contract to go through Galveston MATOC Pool (8A) and contracting through Dallas Office.
- (b) (7)(E) engineering site visit (USACE) the first week of February. Real Estate appraisals to occur next week.
- (b) (7)(E) Crossings - USACE to cut a check to the Water District for \$1000 RE process fee to finalize RE ROE process.
- (b) (7)(E) clean up construction contract BCOE under review and due 2/8/13.

Contract award early March 2013.

- TCA (b) (7)(E) Construction – FY13, 2nd Rotation underway. Issues with RFIs, FOR (request for removal), and progress of construction from last week have gotten better, but continue to work through design and personnel challenges. Nothing of significant concern to report – being worked daily.
- TCA (b) (7)(E) Road Improvement (Military FY14 Planning) (b) (5) Real Estate is all cleared for study. Arch Survey SOW is with contracting (CR pending final approval for transfer of funds).
- TCA (b) (5) Military FY14 Planning) AE awarded 1/25/13. Kickoff meeting scheduled for 2/4/13. FONSI is projected for signature the first week of February 2013. Arch survey took place – 5 arch sites found and final report is being developed. All sites are on the southern portion which is good news for FY14 work/design (all concentrated on the northern portion).
- (b) (7)(E) Fence Replacement kickoff held on 1/10/13 and PRD is being reviewed and finalized. No date on final signature to date. (b) (5)
- ELC (b) (7)(E) Road Phase A 100% Designs were submitted on 12/17/12. Environmental: EA in final stages for FONSI signature and projected for final signature (b) (5) Received IBWC concurrence letter on 1/24/13. Phase B Drawings due March 2013. IID Water Permit is in review with the district – due in 2 weeks.
- SDC (b) (7)(E) All Weather Roadway Improvement Final 100% Drawings submitted. Received IBWC concurrence letter on 1/24/13.
- SDC (b) (7)(E) West Access Road (b) (7)(E) Real Estate cleared. Team met on 1/23/13 to review design. Environmental, Material, (b) (5)

Issues / Help Needed

- (b) (7)(E) Leadership issues as mentioned above and already discussed.
- DRT (b) (7)(E) Bridge Repair PRD - (b) (5) Need to be communicated to Sector (Turn this over to (b) (7)(E) and (b) (7)(E) for further discussion)

Week Ahead

- (b) (7)(E) AE Award
- (b) (7)(E) AE Kickoff meeting
- CR approval for ELC (b) (7)(E) West Access Road and TCA (b) (7)(E) Road.

CTIMR WA-1 Re-compete – Tag up meetings are being held with the team 3 days a week.

On schedule for proposals due on 2/7. Decision Point training to take place on the 5th. Tech Review to start on the 2/11. Tech Review Kickoff meeting with the team will be held on 2/8 to review RFP, SSP, etc. in prep for 2/11.

I will be in training 2/4-2/7 in Arlington and back in the office on Friday.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Project Manager, TI Project Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Re: (b) (7)(E)
Date: Thursday, December 11, 2014 9:57:12 AM

Sounds good, (b) (5)

Thanks

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, December 11, 2014 09:55 AM
To: (b) (6), (b) (7)(C); (b) (6)
(b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E)

(b) (6), (b) (7)(C)

Thank you.

I would like to have a chat about this with everyone.

(b) (5)

Ok. Let's get this set up to discuss. (b) (6), (b) (7)(C) please find time after the first of the year.

Thank you,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, December 11, 2014 9:48 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Real Estate Program Manager

Real Estate and Environmental Services Division Border Patrol Facilities and Tactical Infrastructure

Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Wednesday, December 10, 2014 11:42 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Re: (b) (7)(E)

Thanks. Did not know. Appreciate the update and that you are in the know.

From: (b) (6), (b) (7)(C)L

Sent: Wednesday, December 10, 2014 05:02 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: (b) (7)(E)

(b) (6), (b) (7)(C) – Not sure you received this information. (b) (6), (b) (7)(C) was going to attend the meeting on Monday with the County, however it has been cancelled.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, December 10, 2014 12:03 PM

To: (b) (6), (b) (7)(C)

Subject: Fw: (b) (7)(E)

Fyi. Meeting was cancelled.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, December 10, 2014 02:42 PM Eastern Standard Time

To: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E)

Sir,

The County Supervisor (b) (6) Call has been cancelled/postponed as of this afternoon.

As soon as we hear any other developments on a meeting we (TCA) will let you know.

Again, thank you.

(b) (6), (b) (7)(C)

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, December 10, 2014 12:40 PM

To: (b) (6), (b) (7)(C)

Subject: Re: (b) (7)(E)

Yes. Just let me know if I fly down to Tucson how long to drive to Bisbee for the meeting.

I will check if a flight is available.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, December 10, 2014 02:25 PM Eastern Standard Time

To: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E)

Thank you again for talking – (b) (5)

Thank you,

(b) (6), (b) (7)(C)

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, December 10, 2014 12:21 PM

To: (b) (6), (b) (7)(C)

Subject: FW: (b) (7)(E)

FYI

(b) (6), (b) (7)(C)

Real Estate Program Manager

Real Estate and Environmental Services Division Border Patrol Facilities and Tactical Infrastructure
Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Wednesday, December 10, 2014 10:15 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: (b) (7)(E)

(b) (6), (b) (7)(C) —

Attached are materials that were used during a meeting with local residents regarding (b) (7)(E).
(b) (7)(E) I think I have more and will dig through my emails this afternoon.

This should give you an idea of what was discussed/CBP's position.

Thanks,

(b) (6),
[Redacted]

(b) (6), (b) (7)(C)

Kearns & West

Office of Administration

Facilities Management & Engineering

Border Patrol Facilities & Tactical Infrastructure Program Management Office

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW: O1-O3 Updated DRAFT PRD
Date: Monday, March 25, 2013 1:53:58 PM
Attachments: [O1-3 Draft PRD 32213.docx](#)

Let me know what you think...

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)
Sent: Friday, March 22, 2013 3:27 PM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
(b) (6); (b) (6), (b) (7)(C)
(b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: O1-O3 Updated DRAFT PRD

Good Afternoon Everyone,

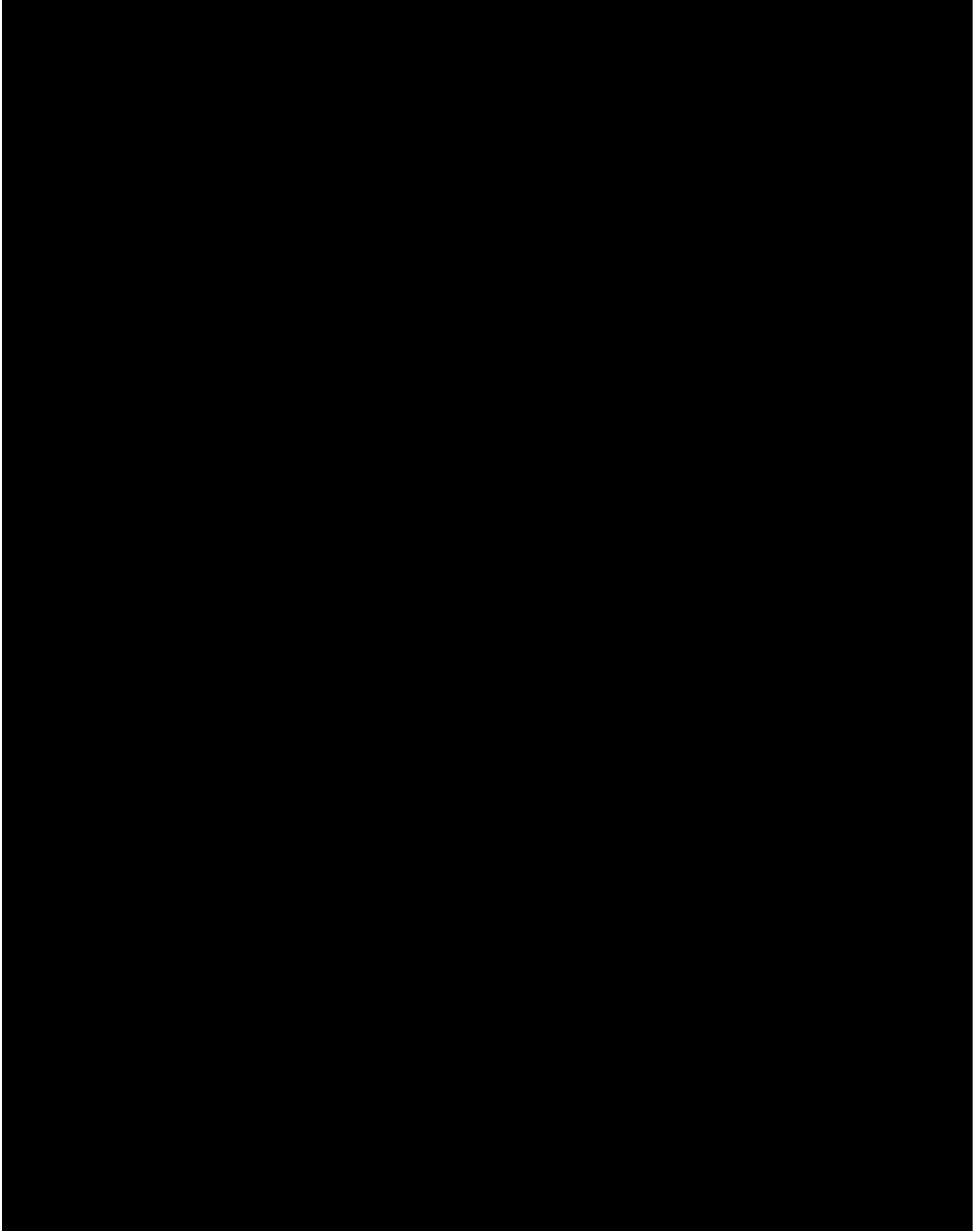
Attached you will find the current working draft of the O-1 – O-3 PRD. Please keep in mind that sections of this PRD are expected to change as comments and edits are received.

Regard,

(b) (6), (b) (7)(C)
Program Analyst, Business Operations
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
Phone: (b) (6), (b) (7)(C)
Email: (b) (6)

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(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



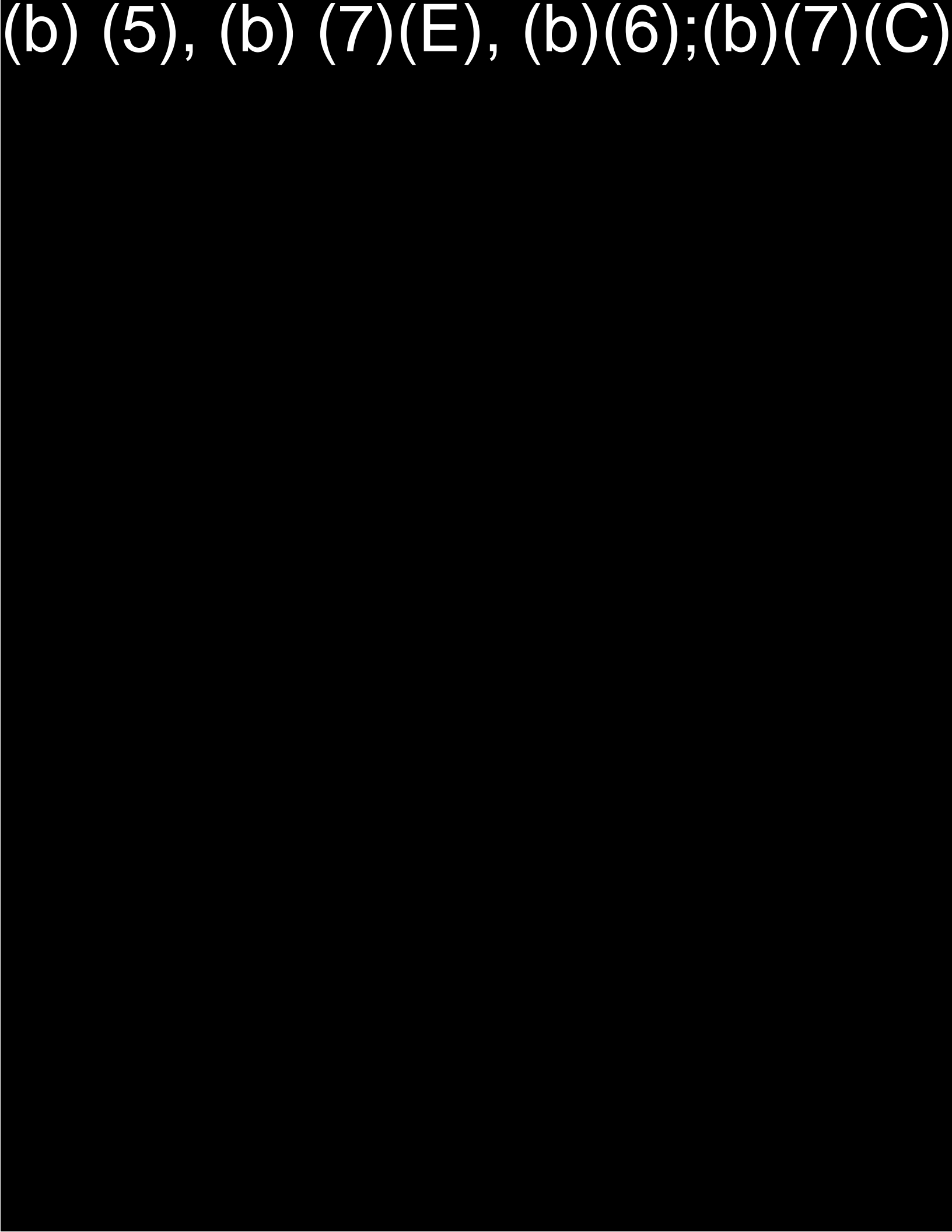
(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E), (b)(6);(b)(7)(C)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Subject: RE: CIR Biweekly Fence IPT
Date: Friday, July 01, 2016 9:46:05 AM
Attachments: [draft replacement fence charter v2.0.docx](#)
NON-RESPONSIVE

All

We will be referring to the attached documents on today's conference call

Thanks

(b) (6), (b) (7)(C)

-----Original Appointment-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, June 23, 2016 3:10 PM
To: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
(b) (6)
Subject: CIR Biweekly Fence IPT
When: Friday, July 1, 2016 1:00 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: (b) (7)(E)

Biweekly coordination meeting.

Attachments below from our previous discussion held 6/7/16:

<< File: Comprehensive Immigration Reform Act Fence Replacement Program Management Plan_comments.docx >> << File: draft replacement fence charter v1 0.docx >> << File: PMBOK Third Edition excerpt.pdf >> <<draft replacement fence charter v2.0.docx>> <<Program mgmt plan v 2.0.docx>>

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Engineers Weekly Status 7/13 to 7/20
Date: Friday, July 22, 2016 9:24:44 AM

(b) (6), (b) (7)(C), weekly update. Next week the status's will be emailed on time (right before the Thursday meeting) and I will get the updated project spreadsheet to (b) (6), (b) (7) as he requested while in DC.

Also, (b) (6), (b) (7) do you still want to be on this email with your transition to RE/ENV?

(b) (6), (b) (7)(C) – TACCOM

- OIT-WSPD Monthly PMR: July PMR held in Chantilly July 20th.
- Structural Assessments: GSA Task Order #4 and #5 awarded May 31st for 70 Structural and Condition Assessments will begin June and be complete in December. 22 Site visits completed; 36 scheduled for July/August; 14 scheduled for September.
- Corrective Repair: Twenty-seven (27) sites released to FAA to implement repairs in SWB, BUN, MIP, SPW, HLT, DTM, GFN, DRT, LRT, RGV Sectors. Forty-five (45) legacy sites baselined, assessed, and evaluated; of which 26 are over TIA-222 G capacities with 10 being considered for strengthening/corrective repair, 6 for replacement, and 10 for decommissioning.
- Havre Sector HQ Tower Replacement: D&D funds approved by Border Patrol pending transfer to FME by OIT-WSPD. Project start in August, GSA to award contract in November; design December – February; construction in April 2017.
- Helo Pad Installation Project: GSA Task Order #5 for survey and planning of helo pad installations awarded. Work will begin in June and be complete Spring of 2017. Site visits scheduled for July 6th through 23rd; fourteen (14) site visits completed. Memo submitted to add \$2,800,000 in additional funding from OIT onto FAA IAA.
- **ENVIRONMENTAL**
- (b) (7)(E) Road Improvements: Working with GSRC on Environmental Monitoring/Training/SWPPP development for Milcon rotation scheduled in July. Approved Memo to File for BMGR Waiver. Final SWPPP/Environmental Training submitted and distributed to the team. Milcon rotation #1 scheduled to start July 25th

(b) (6), (b) (7)(C) – Tower projects assigned –TA program, Phase 2 solar site expansion/road improvements in (b) (7)(E)

(b) (7)(E) FAA is incorporating OTIA comments on the 96% design packages for 9 NCO/DGL sites. Driving the project to start of construction in mid-to-late August. Have completed preliminary scoping work for decommissioning the (b) (7)(E) in (b) (7)(E) no longer in use after the (b) (7)(E) OTIA project. For (b) (7)(E) once the 15% designs are completed, we are expecting USACE to send large volumes at once with short review durations and are preparing accordingly. For TA, trying to advance the proposed project to provide shore power to six sites and

am coordinating with OTIA. On (b) (7)(E) coordinating with OTIA and USACE for site visits by the FAA for geotechnical work next week at the 3 primary and alternate sites. I will be in (b) (7)(E) next week on the geotechnical site visits.

(b) (6), (b) (7)(C) –

- MR Program: The (b) (7)(E) assessments 5-year assessments are in progress, FAA team is in (b) (7)(E) Reports from El Centro, Tucson, Yuma and San Diego reports are rolling in and under review. Updating inventory list to show last assessment, know issues and working with BUSOPs with site inconsistencies and sharepoint organization.
- MR Projects: For TXDOT 375 Loop (b) (7)(E) visited proposed sites for new (b) (7)(E) tower and (b) (7)(E) and met, TXDOT contractor to discuss issues with design and schedule. For Imperial Beach, IAA (b) (5)
(b) (7)(E)
(b) (7)(E)
(b) (7)(E)
(b) (7)(E)
(b) (7)(E)
(b) (7)(E)
(b) (7)(E)
- (b) (7)(E) new construction – AE awarded for (b) (7)(E) 15% design, (b) (7)(E) AE 15% SOW is with USACE, unknown award date. PRDs for (b) (7)(E) towers are on hold until OTIA comments resolved. (b) (5)
(b) (7)(E)
(b) (7)(E)
- IFT: In Alaska this week with (b) (6), (b) (7)(C) to finalize (b) (7)(E) design and discuss plan for open project items path to contract award.

(b) (6), (b) (7)(C) – Tower projects assigned –

- IFT (b) (7)(E)
 - Finalizing design of Roads and site prep for (b) (7)(E) with OTIA and USACE
 - Obtained approval for roads project with IBWC
 - Developing MR scope and cost for tower roads not currently in FM&E budget
 - Finalizing 100% (b) (7)(E) design and permitting approval through IBWC
 - Attended final planning coordination meeting in USACE POA district the week of July 11 to finalize all plans for the (b) (7)(E) and coordinate the EA and Real Estate Team.
 - Follow up coordination from USACE meeting to close out design process for (b) (7)(E) Road and (b) (7)(E)
- IFT (b) (7)(E)
 - Supporting PM (b) (7)(E) Station Communications Shelter Relocation as well as (b) (7)(E) Station and (b) (7)(E) Structural Tower improvements PRD for (b) (7)(E) deployment.
 - Leading IFT QAQC effort with FAA for tower Construction
 - Coordinating new FY 2017 QAQC scope and cost with the FAA for (b) (7)(E) Deployment and working IAA Mod for additional funding
 - Coordinating with (b) (6), (b) (7)(C) to complete CTMIR improvements to existing IFT

roads prior to Elbit deployment in Fall 2016.

- Coordinating with (b) (7)(E) station for logistics of starting tower reinforcement and lightning protection / grounding by the FAA the second week in August.

(b) (6), (b) (7)(C) – Tactical Infrastructure

- Developed independent government cost estimates for the (b) (7)(E) boat ramp in the RGV sector. Provided this cost information to the RGV TI PM for their comparison to the cost estimate provided by the CTIMR contractor
- Performed risk analysis with the (b) (7)(E) project in the San Diego Sector. Determined the risk events, probabilities and impacts. Calculated the total cost of the risk impact and provided this information for the PRDs
- Reviewed and provided edits to the (b) (7)(E) project in the San Diego Sector
- Reviewed and provided comments to the extension of funds to the (b) (7)(E) fence project. Determined that the estimated cost to perform the TI repair was adequate
- Attended a final walk through at the (b) (7)(E) project with the Army Corps, FM&E personnel, and environmental engineers. Developed a punch list of items, related to TI, that the CTIMR contractor will perform to finalize the project.

(b) (6), (b) (7)(C) – Chief Engineer

I'm still not under contract - however I continue to support (b) (7)(E) fence replacement projects

(b) (6), (b) (7)(C), P.E., PMP

SME, TI Division

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C) (Preferred)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C) (b) (6)
Subject: RE: CIR Discussion
Date: Tuesday, June 07, 2016 7:58:00 AM
Attachments: Not Responsive
[draft replacement fence charter v1 0.docx](#)
NON-RESPONSIVE

All

Attached are all three documents I hope to reference in today's discussion. They include the previously distributed IPT Charter with everyone's comments; the proposed PMP outline w/ (b) (6), (b) (7)(C) comments; and an excerpt from PMBOK Third Edition, which we used as the basis of the PMP outline.

Thanks

(b) (6), (b) (7) <<Comprehensive Immigration Reform Act Fence Replacement Program Management Plan_comments.docx>> <<draft replacement fence charter v1 0.docx>> <<PMBOK Third Edition excerpt.pdf>>

-----Original Appointment-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, June 2, 2016 12:14 PM
To: (b) (6), (b) (7)(C);
(b) (6); (b) (6), (b) (7)(C)
Subject: CIR Discussion
When: Tuesday, June 7, 2016 12:00 PM-1:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: (b) (7)(E)

<< File: Comprehensive Immigration Reform Act Fence Replacement Program Management Plan_comments.docx >>

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: O-1,2,3 - Final MFR & Map Set
Date: Tuesday, November 03, 2015 3:46:04 PM

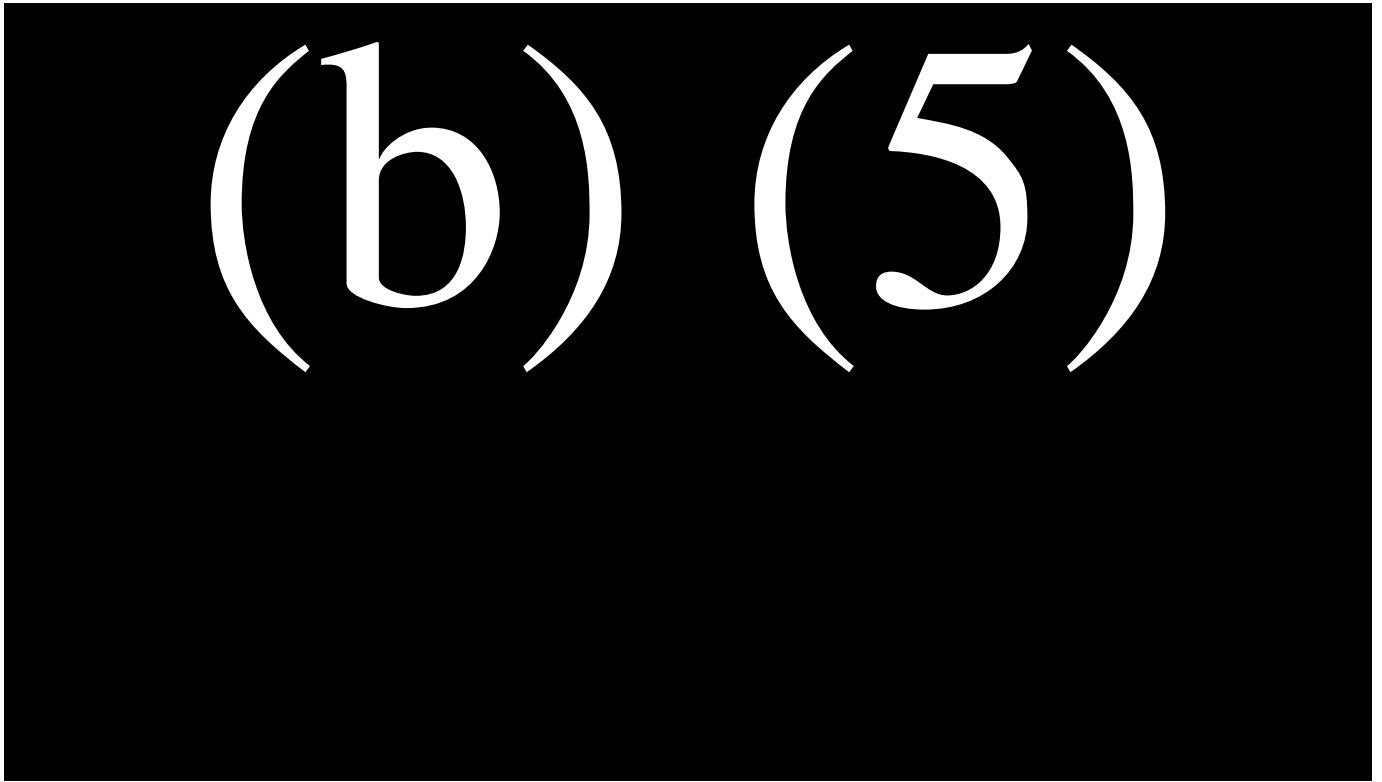
Sure thing, sorry about the confusion...

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 03, 2015 3:43 PM
To: (b) (6), (b) (7)(C)
Subject: RE: O-1,2,3 - Final MFR & Map Set

No things is much better. Thank you. Now I get it. Yet, let's do a reach back as I did a few minutes ago...ok?

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 03, 2015 2:42 PM
To: (b) (6), (b) (7)(C)
Subject: RE: O-1,2,3 - Final MFR & Map Set

Sorry, no problem...here goes:



(b) (5)

Hope that helps!

v/r

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 03, 2015 3:34 PM
To: (b) (6), (b) (7)(C)
Subject: RE: O-1,2,3 - Final MFR & Map Set

U understand that I have no idea what you wrote....

From: (b) (6), (b) (7)(C)
Sent: Tuesday, November 03, 2015 2:25 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: O-1,2,3 - Final MFR & Map Set

(b) (6), (b) (7)(C)

(b) (5), (b)(6); (b)(7)(C)

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**
Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing

From: (b) (6), (b) (7)(C)
Sent: Friday, September 07, 2012 7:53 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: O-1,2,3 - Final MFR & Map Set

(b) (5) - thx

From: (b) (6), (b) (7)(C)
Sent: Thursday, September 06, 2012 12:43 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: O-1,2,3 - Final MFR & Map Set

(b) (5), (b)(6); (b)(7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Sent: Thu Sep 06 12:00:51 2012
Subject: RE: O-1,2,3 - Final MFR & Map Set

(b) (5)

(b) (6), (b) (7)(C)

Staff Attorney

U.S. Customs and Border Protection

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

~~ATTORNEY CLIENT PRIVILEGED/ATTORNEY WORK PRODUCT~~

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From: (b) (6), (b) (7)(C)

Sent: Tuesday, September 04, 2012 4:14 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: RE: O-1,2,3 - Final MFR & Map Set

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Division Director, RE and ENV Services Division
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Tuesday, September 04, 2012 2:32 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6)

(b) (6); (b) (6), (b) (7)(C)

Subject: RE: O-1,2,3 - Final MFR & Map Set

Importance: High

(b) (5)

(b) (5)

(b) (6), (b) (7)(C)

Staff Attorney

U.S. Customs and Border Protection

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

~~ATTORNEY-CLIENT PRIVILEGED/ATTORNEY WORK PRODUCT~~

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From: (b) (6), (b) (7)(C)

Sent: Tuesday, September 04, 2012 1:31 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)

(b) (6), (b) (7)(C)

Subject: O-1,2,3 - Final MFR & Map Set

Importance: High

(b) (6), (b) (7)(C)

(b) (5)

(b) (5), (b) (6)

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager

LMI

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Blackberry (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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Border Patrol's proud legacy.*



RGV Revised Laydown Site Information

Approved Laydown Site Information					Revised Laydown Site Information			
Station	Site Name	Lat	Long	Proposed Preferred Site	Lat	Long	Proposed Preferred Site	Justification
(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	Alternate	(b) (5), (b) (7)(E)	(b) (7)(E)	(b) (7)(E)	Administrative Error on the Coordinates
				Primary				(b) (7)(E)
				Primary				
				Primary				
				Primary				
				Primary				
				Primary				
				Tertiary				
				Existing				
				Primary				Added the coordinates to blank cell (b) (7)(E)
				Primary				Original coordinates updated to shifted coordinates (b) (7)(E)
				Primary or Alternate?				



Approval

Baseline the RGV Sector laydown

_____ as proposed

X _____ Revised

(b)(6); (b)(7)(C)

Digitally signed by (b)(6); (b)(7)(C)
DN: c=US, o=U.S. Government, ou=Department
of Homeland Security, ou=CBP, ou=People,
cn=(b)(6); (b)(7)(C)
(b)(6); (b)(7)(C)
Date: 2016.06.08 16:53:18 -05 00

RGV Sector

(b)(6); (b)(7)(C)

(b)(6); (b)(7)(C)

(A) Associate Chief

SPAD/ORMD

6/14/2016

USBP HQ

~~FOR OFFICIAL USE ONLY~~

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence land issue
Date: Thursday, January 21, 2016 11:36:22 AM

The Tower and Site Construction (b) (7)(E) started on 7/25/2013. The Site Construction (including Tower Erection) Acceptance Inspection was conducted on 9/13/2013. Attached are three photos of the site, tower and road. OTIA will have dates when they accepted the (b) (7)(E) installation

thanks

From: (b) (6), (b) (7)(C)
Sent: Thursday, January 21, 2016 8:37 AM
To: (b) (6), (b) (7)(C) (b) (6)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence land issue

(b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Senior Attorney
Office of Assistant Chief Counsel, Indianapolis
Customs and Border Protection
ph: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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~~product, all of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.~~

From: (b) (6), (b) (7)(C)
Sent: Thursday, January 21, 2016 7:28 AM
To: (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence land issue

(b) (6), (b) (7)(C)

Thanks.

(b) (6), (b) (7)(C) does this help?

From: (b) (6)
Sent: Wednesday, January 20, 2016 8:13 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence land issue

(b) (5), (b) (7)(E)

The following is an excerpt from the Block I EA (b) (7)(E)

(b) (7)(E)

(b) (7)(E)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 20, 2016 7:51 PM

To: (b) (6), (b) (7)(C) (b) (6)

Cc: (b) (6), (b) (7)(C)

>

Subject: RE: Fence land issue

Thanks..

(b) (6), (b) (7)(C)

(b) (5)

Thanks..

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 20, 2016 6:22 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Fence land issue

Here's what I could come up with...

(b) (5), (b) (7)(E)

I hope it helps.

Thanks,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 20, 2016 1:17 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Fence land issue

(b) (6), (b) (7)(C)

Can you answer (b) (6), (b) (7)(C) questions below (b) (7)(E)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 20, 2016 3:16 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Fence land issue

(b) (6), (b) (7)(C) ..

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 20, 2016 3:15 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Fence land issue

(b) (6), (b) (7)(C)

We are working with (b) (6), (b) (7)(C) on (b) (7)(E) which we received the information that (b) (6), (b) (7)(C) required. Who on your staff would be able to answer (b) (6), (b) (7)(C) questions on (b) (7)(E) See the email below.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 13, 2016 2:25 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Fence land issue

(b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Senior Attorney

Office of Assistant Chief Counsel, Indianapolis

Customs and Border Protection

ph. (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 13, 2016 1:25 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Fence land issue

(b) (6), (b) (7)(C)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (6), (b)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6), (b) (7)(C)
Subject: FW: Fence land issue
Date: Thursday, January 21, 2016 8:51:48 AM

(b) (6), (b) (7)(C) ...can you help..

From: (b) (6)
Sent: Thursday, January 21, 2016 8:51 AM
To: (b) (6), (b) (7)(C)
Subject: Fw: Fence land issue

I'll check and see what I have in records

Sent using OWA for iPhone

From: (b) (6), (b) (7)(C)
Sent: Thursday, January 21, 2016 8:37:13 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence land issue

(b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Senior Attorney
Office of Assistant Chief Counsel, Indianapolis
Customs and Border Protection
ph: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

~~This communication might contain communications between attorney and client,~~

~~communications that are part of the agency deliberative process, or attorney work product, all of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.~~

From: (b) (6), (b) (7)(C)
Sent: Thursday, January 21, 2016 7:28 AM
To: (b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence land issue

(b) (6), (b) (7)(C):

Thanks.

(b) (6), (b) (7)(C): does this help?

From: (b) (6)
Sent: Wednesday, January 20, 2016 8:13 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence land issue

(b) (5), (b) (7)(E)

The following is an excerpt from the Block I EA (b) (7)(E)

(b) (7)(E)

(b) (7)(E)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 20, 2016 7:51 PM

To: (b) (6), (b) (7)(C) (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Fence land issue

Thanks..

(b) (6), (b) (7)(C)

(b) (5)

Thanks..

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 20, 2016 6:22 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: Fence land issue

Here's what I could come up with...

(b) (5), (b) (7)(E)

I hope it helps.

Thanks,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 20, 2016 1:17 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence land issue

(b) (6), (b) (7)(C),

Can you answer (b) (6), (b) (7)(C) questions below (b) (7)(E).

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 20, 2016 3:16 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Fence land issue

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 20, 2016 3:15 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Fence land issue

(b) (6), (b) (7)(C)

We are working with (b) (6), (b) (7)(C) on (b) (7)(E) which we received the information that (b) (6), (b) (7)(C) required. Who on your staff would be able to answer (b) (6), (b) (7)(C) questions on (b) (7)(E). See the email below.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 13, 2016 2:25 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Fence land issue

(b) (5)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Senior Attorney

Office of Assistant Chief Counsel, Indianapolis

Customs and Border Protection

ph: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 13, 2016 1:25 PM

To: (b) (6), (b) (7)(C)

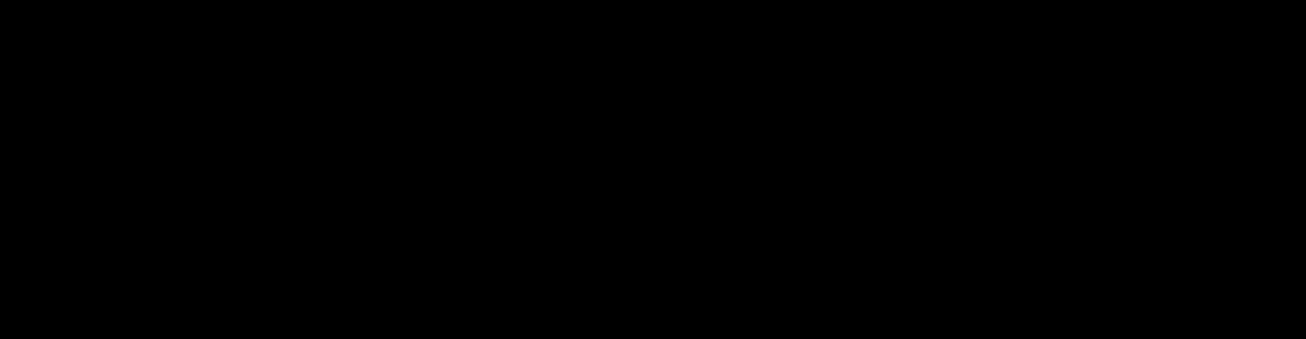
Cc: (b) (6), (b) (7)(C)

Subject: Fence land issue

(b) (6), (b) (7)(C)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)



(b) (6), (b)



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Re: Weekly
Date: Friday, October 26, 2012 8:23:57 AM

Exactly. (b) (5)

(b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Friday, October 26, 2012 07:55 AM
To: (b) (6), (b) (7)(C)
Subject: Fw: Weekly

From (b) (6), (b) (7)(C) email;

(b) (5)

Thanks,

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, October 25, 2012 05:00 PM
To: (b) (6), (b) (7)(C)
Subject: Fw: Weekly

FYSA

(b) (6), (b) (7)(C)

Real Estate Specialist, LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
E-mail: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)
Sent: Thursday, October 25, 2012 04:43 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Weekly

(b) (6), (b) (7)(C) here is my weekly report. Everything in Red reflects change/updates.

1. Hot Issues:

a.

(b) (7)(E)

b. Lag on Re/Env for UP RR access. Necessary repairs are needed due to agent safety. Delayed for clearance. (b) (6), (b) (7)(C) assisting with situation.

c.

(b) (5)

2. Major Efforts:

a. Developing a tool kit For CTIMR to support all Southwest Border work elements. Ongoing. (b) (6), (b) (7)(C) has provided resources that will be extremely helpful

b. Developing spread sheet to organize all Engineering efforts needed thru 2013 for all of Area 3 and Area 4. (b) (6), (b) (7)(C) has received all Engineering efforts for Area 3 & Area 4 and is consolidating into a spread sheet I provided her on 9/18/12. Delayed to PMR efforts, expect delivery next week.

c. CTIMR Area 4 CWP- Assisting in development and completion of CWP#2 is expected on 9/17/12. Received completed CWP as of 9/26/12 and approved in WMS. OBP has approved and awaiting Funding approval. CWP #2 activated and deferral of 33% was required due to budget constraints. CWP#3 work task have been identified and supplied to contractor.

d. DRT M-1 Drainage Study: gathering data for (b) (6), (b) (7)(C) from county, TxDot & city. Data includes: GPS topo maps, plans & studies for drainage improvements of the site. All parties have agreed to allow us to have input on the improvements. Ongoing. Met with city Engineer on 7/19/11 for preliminary update. On schedule.

e. Repairs for (b) (7)(E) Boat Slip (b) (5)

Anchors have been order and work will commence upon receipt of anchors/bolts. Included task order in CWP 2 for repairs. Sub-contractor making necessary repairs. Scheduled completion COB Oct 26th.

f. (b) (7)(E) Bridge: Obtained signed License agreement from City of Eagle Pass. All cleanups have been completed and culverts relocated to (b) (7)(E) Working with City to obtain a permanent easement to construct a new crossing. Scheduled meeting is 7/27/12. Conducted site visit with (b) (6), (b) (7)(C) for Env. Assessment needed for re-construction efforts and schedule meeting

with RE in DC next week to discuss time-line. RE/Env due by 12/31/12. Need Engineering /PRD development. I will be reaching out to (b) (6), (b) (7)(C) for assistance. Held discussion with (b) (6), (b) (7)(C) on 9/19/12 for the development of PRD and Engineering efforts needed and set date for completion. Held discussions with (b) (6), (b) (7)(C) on Weds. October 17th and working with PMO to complete PRD request and obtain funding for engineering design. Target date for new construction is early February. Telecom scheduled with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) on Monday Oct 29th.

- g. (b) (7)(E) -Re-approached landowner with ROE. Signage received on 7/13/12. Schedule maintenance is set for Aug. 1st. Maintenance is underway and on schedule, current status is approximately 66% complete. Conducting final inspection on 10/05/12. Landowner meeting schedule to evaluate our performance set for Tuesday Oct. 16th. This has been a major accomplishment for FM&E and Sector relations. Delayed, landowner unable to attend, rescheduling necessary, waiting for newly proposed date by landowner.
- h. (b) (7)(E) Bridge- Primus Contractor is approximately 50% complete with all M&R task associated with repairs. On schedule. Tentative completion date is set for October 19th. Due to weather related events, completion moved to October 26th.
- i. DRT Vegetation control- phase-I & 2 is complete and phase 3 will begin on Oct 01. Work cycle tentative completion date is set for October 12th. New work cycle schedule for October 22nd, currently underway.
- j. Environmental Assessment for the following was completed: (b) (7)(E)
[REDACTED]
[REDACTED] access roads; (b) (7)(E)
(b) (7)(E) Bridge Construction.
- k. M-1Brush Clearing- Environmental scheduled for Nov 4th.
- l. (b) (7)(E) gate installation will commence today and be completed on 9/28/12. Completed according to schedule. Additional work required, (b) (7)(E)
[REDACTED] ngoing
- m. (b) (7)(E) road Study-. Contacted Presidio County Judge to obtain information regarding their direction of ownership. PM/COR &Sector working with county to establish long range goals. Scheduled site visit 9/19/12.Ongoing. Held meeting with sector on 9/18/12 to determine direction. No definite commitment from sector or county. (b) (5)
[REDACTED]
- n. Big Bend IAA- Completed (b) (7)(E) of road repair. Have schedule site inspection for 7/31/12. Completed road inspections for all Roads except (b) (7)(E) End of year inspection scheduled for 9/20/12.
- o. (b) (7)(E) Site visit scheduled with contractor on 9/18/12 for debris cleanup and vehicle barrier effort. Held site inspection with ECSO and Contractor to determine new work and set mobilization date on 9/18/12. Mobilization set for October 1st. Onsite inspection to be

- Primus is providing quality service for Del Rio Sector and they continue to improve daily.
- Continue to meet deadlines and schedules under CTIMR for Del Rio sector: Ongoing task: vegetation, (b) (7)(E) Boat Ramp, (b) (7)(E) Access Road
- Continue to provide leadership and direction to Area 4 Pm's on CTIMR and requirements. Assumed Team Lead Status.
- Relationship continues to improve and working relationship growing with new TI Coordinator.
- (b) (6), (b) (7)(C) has been very pro-active in achieving goals.
- WG's actively engaged in all work requirements- current task include repairs to operational roads at 05 thru 048, M-1 POE & stone ranch, Swale expansion at Casbeers curve

4. Concerns:

- a. Primus's ability to complete all CWP's by deadline and provide proper invoices for approval.

- b. (b) (5) We are implementing WG, IDIQ's and identifying any potential resource available within all three sectors to assure success.

5. Deliverables:

- a. Completed Burn rate spread sheet and word document to support WMS updates for Area 4. Working with Primus to achieve updated burn rate. Primus to propose their version by Monday Oct. 29th.
- b. Continue to assist RGV in task description development and completing roads repair via chemical and identifying mechanical direction on remaining roads M&R. CWP 2 complete. Ongoing
- c. Assisting (b) (6), (b) (7)(C) with CPARS entry. Completed
- d. Held meeting on Oct 25th with WG's, TI Coordinator and (b) (6), (b) (7)(C) (1640) on current changes, all positive.
- e. Invoices are under review and set for approval on Monday 15th. Waiting for additional receipt backup. Approved for payment
- f. CTIIMR Area 4- Del Rio Schedule current, no delays

Respectfully,
 Program Manager / COR II
 Del Rio & Big Bend Sectors
 DHS/CBP
 FM&E BPFTI-Tactical Infrastructure
 Cell: (b) (6), (b) (7)(C)
 Desk: (b) (6), (b) (7)(C)
 Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E)
Date: Friday, January 27, 2017 5:06:25 PM

Hey (b) (6), (b) (7)(C),

Thanks for the heads-up. I'm happy to talk next week. (b) (5), (b) (7)(E)

[REDACTED]

(b) (6), (b) (7)(C)

[REDACTED]

~~This communication might contain communications between attorney and client, communications that are part of the agency deliberative process, or attorney work product, all of which are privileged and not subject to disclosure outside the agency or to the public. Please consult with the Office of Assistant Chief Counsel, Indianapolis, U.S. Customs and Border Protection before disclosing any information contained in this email.~~

From: (b) (6), (b) (7)(C)
Sent: Friday, January 27, 2017 4:35 PM

To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)

[REDACTED]

[REDACTED]

Subject: (b) (7)(E)

Hi (b) (6), (b) (7)(C) (and as a FYSA to (b) (6), (b) (7)(C)),

(b) (5)

I would like to chat next week, as soon as you're free of course, regarding our proposed approach from a real estate standpoint.

(b) (5)

Thanks very much, and I hope y'all have a great weekend!

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**
Real Estate Program Manager
LMI Government Consulting
Border Patrol Air and Marine
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: RGV: Encroachment/Trespass (b) (7)(E) LPOE)
Date: Tuesday, April 19, 2016 12:50:52 PM

Thanks..

From: (b) (6), (b) (7)(C)
Sent: Tuesday, April 19, 2016 12:48 PM
To: (b) (6), (b) (7)(C)
Subject: RE: RGV: Encroachment/Trespass (b) (7)(E) LPOE)

It is in the email below.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, April 19, 2016 12:39:32 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: RGV: Encroachment/Trespass (b) (7)(E) LPOE)

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, April 19, 2016 12:35 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) | (b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
Subject: RE: RGV: Encroachment/Trespass (b) (7)(E) LPOE)

Good Morning (b) (6), (b) (7)(C),

(b) (5), (b) (7)(E)
Let me know if you need additional information.

Respectfully,

(b) (6), (b) (7)(C)
Operations Officer
RGV Sector/Tactical Infrastructure
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, April 15, 2016 11:10 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6)
(b) (6)
(b) (6) (b) (6), (b) (7)(C)
Subject: RE: RGV: Encroachment/Trespass (b) (7)(E) LPOE)

Perfect, thank you (b) (6), (b) (7)(C) and have a great weekend!

From: (b) (6), (b) (7)(C)
Sent: Friday, April 15, 2016 12:09 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
Subject: RE: RGV: Encroachment/Trespass (b) (7)(E) LPOE)

Good Morning (b) (6), (b) (7)(C)

Let me consult with station for their input and with my chain of command for guidance. I should have a response by the end of next week.

Respectfully,

(b) (6), (b) (7)(C)
Operations Officer
RGV Sector/Tactical Infrastructure
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, April 15, 2016 11:02 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6)
(b) (6)
(b) (6)
>
Subject: RGV: Encroachment/Trespass (b) (7)(E) LPOE)

Good morning (b) (6), (b) (7)(C)

As you may recall from our last bi-weekly real estate call w/DOJ & USACE, USACE recently discovered

an encroachment of a chain link fence recently erected by the Texas Department of Transportation (TX DOT).

The attached exhibit shows their property line in blue, and you can see it overlaps with our fence swath (b) (7)(E) in yellow at the bottom.

BACKGROUND:

Basically, when TX DOT acquired the property, their title company apparently missed the fact that our Condemnation documentation was recorded – we don't know how they missed it, but they did. We have double-checked, and it's plainly in the property records.

After buying the land that was wrongly described with respect to that southern boundary, they erected a chain-link fence.

USACE recently took some measurements in the field, and the fence definitely appears to be resting within our property line.

NEED SECTOR'S INPUT:

(b) (5)

PATH FORWARD:

We consulted with OCC and DOJ, (b) (5)

(b) (5)

Once you provide us Sector's input, we'll support the necessary effort from there.

(b) (5) but we'd like your input as part of the decision process.

Thank you as always,

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**

Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6)
To: (b) (6), (b) (7)(C)
Subject: RE: [EXTERNAL] RE: RE Schedule for Phase-1 Fence in California
Date: Tuesday, January 31, 2017 11:01:50 AM

Got it and spoke with (b) (6), (b) (7) about it.

I don't think this is a biggie, I think the (b) (6), (b) (7)(C) has been left out the loop. Not sure whose job it was to make sure he was looped in but (b) (6), (b) (7) is going to explain it now.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 31, 2017 8:24 AM
To: (b) (6)
Subject: RE: [EXTERNAL] RE: RE Schedule for Phase-1 Fence in California

Just sent it.

From: (b) (6)
Sent: Tuesday, January 31, 2017 9:09:49 AM
To: (b) (6), (b) (7)(C)
Subject: Re: [EXTERNAL] RE: RE Schedule for Phase-1 Fence in California

I received the update email from (b) (6), (b) (7) that you forwarded, didn't see any request directed to me in that email. Last night I received a question about the funds on hand from (b) (6), (b) (7)

Is there another request out there? If so, lay it on me.

Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 31, 2017 7:55 AM
To: (b) (6)
Subject: RE: [EXTERNAL] RE: RE Schedule for Phase-1 Fence in California

Did you see my Daquum request? Thanks.

From: (b) (6)
Sent: Tuesday, January 31, 2017 8:42:33 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C)
Subject: Re: [EXTERNAL] RE: RE Schedule for Phase-1 Fence in California

De nada.

Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 31, 2017 6:04 AM
To: (b) (6), (b) (7)(C)

Cc: (b) (6) (b) (6) (b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: RE Schedule for Phase-1 Fence in California

(b) (5), (b) (7)(C)

This is good work. I have some questions regarding the details but would prefer to discuss in person rather than through email.

Thanks to you, (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) getting this together.

(b) (5), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, January 30, 2017 11:22 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6) (b) (6)
(b) (6) (b) (6), (b) (7)(C)
Subject: RE Schedule for Phase-1 Fence in California
Importance: High

(b) (5), (b) (7)(C)

We (USACE RE and I) worked diligently to reason through the attached document.

(b) (5), (b)(6);(b)(7)(C)

Also FYI - I did not have an opportunity to provide this to (b) (6), (b) before now, so (b) (6), (b) - if you have any questions, please let me know. And if you don't have any questions, I recommend you run your draft schedule by me to ensure the linkages with other activities from environmental and construction are accurate.

(b) (5)

Thank you!

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP

Real Estate Program Manager

LMI Government Consulting

Border Patrol Air and Marine

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW: El Paso Fence Replacement PRD Review
Date: Tuesday, June 06, 2017 6:29:13 PM
Attachments: [FY17 Risk Register EPT SNT Fence Replacement Stand Alone 01June2017.xlsx](#)
[PRD \(b\) \(7\)\(E\) Pedestian Replacement Fence FY17 31May20017 DRAFT.docx](#)

From: (b) (6)
Sent: Thursday, June 1, 2017 8:45 AM
To: (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6)
(b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C)

Subject: RE: El Paso Fence Replacement PRD Review

Team,

Please find the attached DRAFT PRD and Risk Register for your review and use. If you are a SME or Business Partner I kindly request you review or draft the section that pertains to you and return to me so I can incorporate your edits into the final document. We are still planning the live PRD review meeting on 08 June 2017 but my objective here is to make that a more productive meeting. Thank you for your support!

v/r,

(b) (6), P.E., LEED AP BD+C
Senior Project Manager
U.S. Army Corps of Engineers
International and Interagency Services
Supporting Border Patrol & Air and Marine Program Management Office (BPAM PMO)
M: (b) (6)
E-mail: (b) (6)

Program	Tactical Infrastructure
FM&E # & Project Title	El Paso Vehicular Fence Replacement
Date	6/1/2017
Project Manager	(b) (6), (b) (7)(C)
Project Base Cost Est.	\$ (b) (5)
PBC + Est. Impact	\$ (b) (5)

Clear
Border Patrol Air and Marine (BPAM)

Risk Register

RISK MANAGEMENT SUMMARY RESULTS (planned)

3 Point Impact Estimate		
Low	Medium	High
(b) (5)		

Total Expected Impact - Dollars (b) (7)(E)

Total Expected Impact - Days 475

Impact to Critical Path - Total Days 315

ID #	Program Risk	Risk May Affect Critical Path	Milestone Affected	Risk Category	Detailed Description of Risk (Specific, Measurable, Attainable, Relevant, Timebound)	Mitigation of Risk	Estimated Impact - Days	Probability (%)	\$ Impact	Estimated Impact (\$)	Risk Level
1	X	Yes	Construction - Physical Closeout CC840	Latent Conditions	(b) (5)						G
2	X		Construction - Contract Contract Award (RMS) CC800	Scope							G
3			Construction - Final Inspection Complete SWF-CC300	Real Estate							G
4			Construction - Final Inspection Complete SWF-CC300	Scope							G
5		Yes	Design - AE Contract/Task Order Award ML040	Design							G
6	X	Yes	Construction - NTP Acknowledged (RMS) CC810	External Entity Compliance							G
7		Yes	Construction - Final Inspection Complete SWF-CC300	External Entity Compliance							G
8			Construction - Final Inspection Complete SWF-CC300	Latent Conditions							G
9	X	Yes	Construction - Foundation Complete SWF-CC150	Latent Conditions							G
10		Yes	Construction - Site Work Complete SWF-CC110	Latent Conditions							G

11		Yes	Construction - Foundation Complete SWF-CC150	Latent Conditions	(b) (5)	G
12			Construction - Final Inspection Complete SWF-CC300	Contractor Performance		G
13		Yes	Construction - Foundation Complete SWF-CC150	Latent Conditions		G
14		Yes	Construction - Construction Completion (RMS) CC820	Construction		G
15			Construction - Foundation Complete SWF-CC150	Latent Conditions		G
16	X	Yes	Construction - Contract Contract Award (RMS) CC800	External Entity Compliance		G
17			Real Estate - Real Estate Certified CW370	Real Estate		G

(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



(b) (5), (b) (7)(E)



From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development. (UNCLASSIFIED)
Date: Tuesday, May 05, 2015 2:56:27 PM
Attachments: NON-RESPONSIVE

Classification: UNCLASSIFIED
Caveats: NONE

All,

(b) (5)

(b) (6)

(b) (6)
Western Region Program Manager
ECSO, TI Branch
USACE Fort Worth District
office (b) (6)
bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 05, 2015 11:16 AM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
(b) (6)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development. (UNCLASSIFIED)

(b) (6), (b) (7)(C) and all,

Attached is a spreadsheet w/our forecasted RE schedule.
As you'll see, there are two tracks/outcomes - one with condemnation and one without.
The dates in green are actual final completion dates - the rest are estimated/forecasted.

FYI - (b) (5)

(b) (5)

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP
Real Estate Program Manager
LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 05, 2015 11:57 AM

To: (b) (6); (b) (6), (b) (7)(C)

(b) (6)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Team:

Thank you all to continue to puzzle together the schedule and milestones for (b)(7)(E) and (b) (7)(E)

For tomorrow's meeting, I would like to offer the following agenda.

1. Review of the Schedule& Milestones
 - A. IAA and Funding (Procurement)
 - B. RE/ENV
 - C. Engineering
 - D. USACE
2. Review of the Risks and potential Mitigation strategies.
3. Preparation for Review with (b) (6), (b) (7)(C) (May 12th).
4. Final comments and Next Steps.

Thank you and look forward to the meeting tomorrow.

Regards,

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)

Sent: Tuesday, May 05, 2015 11:03 AM

To: (b) (6), (b) (7)(C)

(b) (6)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

All, clarification needed:

DCFSR has (b) (7)(E) segment of NEW fence on the easternmost side of the project site. Only Zones (b) (7)(E) legacy fence replacement) are included in the Draft PRD.

Based on PRD, (b) (5), (b) (7)(E)

(b) (6)

(b) (6)

Western Region Program Manager
ECISO, TI Branch
USACE Fort Worth District
office (b) (6)
bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 05, 2015 8:59 AM

To: (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: Special Assignment.. (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Also, forgot to mention - with regard to UPRR - any work performed down there, geotech or otherwise, requires flag men because the railway comes in such close proximity to the fence. (b) (6), (b) (7)(C) (our PM in El Paso Sector) has a relationship with the local UPRR reps now, because we've done work down there a number of times. (b) (6), (b) (7)(C) can help facilitate getting the contractor in touch with the proper UPRR reps to coordinate the flagmen. I forget how much they charge for the service and how many flagmen they require.

When it comes time to construct, (b) (5)

(b) (5)

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure Program Management Office Facilities Management and Engineering U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 05, 2015 9:54 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Ok, thanks (b) (6), (b) (7)(C) Will keep in contact with (b) (6), (b) (7)(C) folks to hear word on Sunland Park ROE-S.

(b) (6)

(b) (6)

Western Region Program Manager

ECSO, TI Branch

USACE Fort Worth District

office (b) (6)

bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, May 05, 2015 8:51 AM

To: (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: Special Assignment.. (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

No need to dig in, I can tell you what's going on with Rights of Entry.

We have three landowners as discussed previously.

(b) (5)

Hope that helps...

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure Program Management Office Facilities Management and
Engineering U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6)
Sent: Tuesday, May 05, 2015 9:46 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
Subject: RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

We are digging into the Real Estate issue, (b) (5)
(b) (5)

(b) (6)

(b) (6)
Western Region Program Manager
ECSO, TI Branch
USACE Fort Worth District
office (b) (6)
bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 05, 2015 8:33 AM
To: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

(b) (5)

Regards,

(b) (6), (b) (7)(C), DM, PMP
Sr. Program Management Consultant (Scheduling) Business Operations Division
E3 Federal Solutions, LLC
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 05, 2015 9:18 AM
To: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
Subject: RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.

(UNCLASSIFIED)

Good morning All,

Here are my 2 cents on the schedule!

(b) (5), (b)(6); (b)(7)(C)

Regards,

(b) (6), (b) (7)(C), DM, PMP

Sr. Program Management Consultant (Scheduling) Business Operations Division

E3 Federal Solutions, LLC

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Monday, May 04, 2015 9:04 PM

To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Regarding (b) (6), (b) (7) risk (b) (5)

(b) (5), (b)(6); (b)(7)(C)

-----Original Message-----

From: (b) (6)

Sent: Monday, May 04, 2015 7:05 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Point 4. Since we are sticking with 100% Design-Bid-Build, (b) (5)

(b) (5)

(b) (6)

(b) (6)

Western Region Program Manager
ECSO, TI Branch
USACE Fort Worth District
office (b) (6)
bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Monday, May 04, 2015 8:54 AM

To: (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Just so that we are on the same page....

High Risk Items as of today to the schedule...

(b) (5)

Thoughts??

From: (b) (6)

Sent: Monday, May 04, 2015 9:43 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: RE: Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)(C)

(b) (6) and I will work the Design and Procurement schedule (to include funding milestones) that gets us to award and deliver that to you today. I understand that you will consolidate that with the RE and ENV activities and milestones from (b) (6), (b) (7)(C) team. That should get us to the goal of having an initial schedule that reflects the viability of Award by Sept 30th. I think the post-Award schedule to include Construction will become clearer sometime after project launch as we dig into the details. Of course, that appears to be of secondary importance at this particular moment.

Sound like the right track?

(b) (6)

(b) (6)

Western Region Program Manager

ECSO, TI Branch

USACE Fort Worth District

office (b) (6)

bb (b) (6)

From: (b) (6), (b) (7)(C)

Sent: Friday, May 01, 2015 5:49 PM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)

Subject: [EXTERNAL] Special Assignment... (b)(7)(E) Fence Repair Schedule & Milestone Development.

Importance: High

(b) (6), (b) (7)(C) :

I appreciate the help and support you all will provide for the Border Patrol request to pre-plan, in the event BPFTI

receives additional funds to repair the (b)(7)(E) Fence in El Paso, Texas.

As requested by (b) (6), (b) (7)(C), we as a team will work to develop a Schedule, with appropriate Milestones, that will demonstrate how we and the Corps can get to award by September 30, 2015.

This morning I met with (b) (6), (b) (7)(C) and I asked him to reach out to each of you in order to acquire the relevant activities, risks and milestones that will get us to Award on September 30, 2015.

As I see it, each of you have a part in the schedule. For example, RE/ENV will have activities and milestones to provide clearance to repair the (b)(7)(E) fence. BusOps will have activities and milestones to provide to drive the Procurement and Funding process.

The Corps will provide the work break down structure, risks, activities and milestones to get (b)(7)(E) Fence awarded.

In addition, (b) (6), (b) (7) has designated (b) (6), (b) (7)(C) and the PM for the project.

My role is to support (b) (6), (b) (7) and bring together the team and resources for the pre-planning, and execution if it comes to that.

As you may have already seen, (b) (6), (b) (7) sent an email yesterday with the most current PDR. Please take the time to read it.

In addition, we will hold our first review of the Schedule and Milestones May 6th. An invite will be forthcoming.

Our collective goal will be to present a Schedule, Milestone and Risk Matrix to (b) (6), (b) (7) and (b) (6), (b) (7)(C) on May the 12th in Ft. Worth. (b) (6), (b) (7) will be sending an invite.

Thank you and I look forward to working with all of you.

If you have any questions, please do contact me.

Regards,

(b) (6), (b) (7)(C), CBM, PMP

Tactical Infrastructure (TI)

CBP-OA-FM&E BPFTI

(b) (6), (b) (7)(C) (Cell)

(b) (6), (b) (7)(C) (Office)

Washington, D.C. 20004

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: O-1 to O-3
Date: Monday, May 06, 2013 11:31:53 AM
Attachments: [O1 - O3 BPFTI PMO Risk Register 05062013.xls](#)
[O-1, 2, 3 Estimate Assumptions.xlsx](#)
[CIR Budget Estimate RSD V7 \(2 May 13\).xlsm](#)
[FULL USACE PROPOSED DRAFT BUDGET - 1 May 13.xlsx](#)
[CIR O-1 O-2 O-3 20130411.pdf](#)
[O-1 O-2 O-3 Fence Draft Acq Schedule 5 Apr 13.xlsx](#)
[\\$ROM Estimate Fence0123 REVISED23Apr2013.pdf](#)

All: attached is the backup documentation

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, May 06, 2013 11:30 AM
To: (b) (6), (b) (7)(C)
Subject: O-1 to O-3

(b) (6), (b) (7)(C)

PM, TI

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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Border Patrol's proud legacy

Program	Tactical Infrastructure	
FM&E # & Project Title	O-1 to O-3 Fence	
Date		
Project Manager		
Project Base Cost Est.	\$	(b) (5)
PBC + Est. Impact	\$	

Border Patrol Facilities and Tactical Infrastructure

Risk Register



RISK MANAGEMENT SUMMARY RESULTS (planned)

3 Point Impact Estimate		
Low	Medium	High
(b) (5)		

Total Expected Impact - Dollars (b) (7)(E)

Total Expected Impact - Days 1,035

Impact to Critical Path - Total Days -

ID #	Month/F Y	Risk May Affect Critical Path	Milestone Affected	Risk Category	Detailed Description of Risk (Specific, Measurable, Attributable, Relevant, Timebound)	Mitigation of Risk	Estimated Impact - Days	Probability (%)	\$ Impact	Estimated Impact (\$)	Risk Level
1			Design - 60% Design Submittal Reviewed and Approved ML140	Scope Changes	(b) (5)						Y
2			Construction – Construction Start Date (RMS) CC815	Environmental							G
3			Environmental - Environmental Planning Complete CW230	Environmental							G
4			Design - 60% Design Submittal Reviewed and Approved ML140	Latent Conditions							G
5			Construction – Construction Start Date (RMS) CC815	Latent Conditions							G
6			Construction – Construction Start Date (RMS) CC815	Latent Conditions							G
7			Real Estate - Obtain ROE-C CW360	Real Estate							G
8			Construction – Construction Start Date (RMS) CC815	Design							G
9			Design - Const Contract Bid Opening/Receipt of Proposals (Milestone) ML240	Design							G
10			Construction – Construction Start Date (RMS) CC815	External Entity Compliance							G
11				Contractor Performance							
12			Construction – Construction Start Date (RMS) CC815	Contractor Performance							G
13			Construction – Construction Start Date (RMS) CC815	Latent Conditions							G
14			Construction – Construction Start Date (RMS) CC815	Latent Conditions							G
15			Construction – Construction Start Date (RMS) CC815	Latent Conditions							G

Program	Tactical Infrastructure
FM&E # & Project Title	O-1 to O-3 Fence
Date	
Project Manager	
Project Base Cost Est.	\$ (b) (5)
PBC + Est. Impact	\$ (b) (5)

Border Patrol Facilities and Tactical Infrastructure

Risk Register



RISK MANAGEMENT SUMMARY RESULTS (planned)		
3 Point Impact Estimate		
Low	Medium	High
(b) (5)	(b) (5)	(b) (5)
Total Expected Impact - Dollars		(b) (7)(E)
Total Expected Impact - Days		1,035
Impact to Critical Path - Total Days		-

ID #	Month/F Y	Risk May Affect Critical Path	Milestone Affected	Risk Category	Detailed Description of Risk (Specific, Measurable, Attributable, Relevant, Timebound)	Mitigation of Risk	Estimated Impact - Days	Probability (%)	\$ Impact	Estimated Impact (\$)	Risk Level
16			Design - 100% Design Submittal Reviewed and Approved ML160	Design	(b) (5)						G
17			Real Estate - Obtain ROE-C CW360	Real Estate							G
18			Real Estate - Obtain ROE-SE CW350	Real Estate							G
19			Real Estate - Real Estate Certified CW370	Real Estate							Y
20			Real Estate - Obtain ROE-SE CW350	Real Estate							G
21			Design - AE Contract/Task Order Award ML040	Contractor Performance							G
22			Real Estate - Obtain ROE-C CW360	Real Estate							G

Border Patrol Facilities Tactical Infrastructure PMO Risk Categories		
Category	Definition	Examples
Construction	Any non-design related issues occurring during the performance period of the Construction contract that could affect project cost and/or schedule. Risks with potential impact due to weather. This also includes risks related to border activity that impact construction execution.	<ul style="list-style-type: none"> * Weather delays * Border violence * Encountering tunnels
Contractor Performance	Risks with potential impact to project cost or schedule due to unanticipated performance on the contractor's behalf. This also includes bid risk. Specific risks related lack of resources.	<ul style="list-style-type: none"> * Underestimation of cost * Underestimation of schedule * Lack of material, human, or capital resources
Design	Any required change in the architectural and/or engineering design from approved plans and specs, resulting in changes to cost and schedule, inclusive of: <ul style="list-style-type: none"> - Discrepancies/conflicts with the design standards, - Changes due to errors and omissions, - Ambiguity in RFP - Any required change that reasonably should have been accounted for during initial design 	<ul style="list-style-type: none"> * Modification of irrigation structures * Changes to gates * Design errors * Necessary enhancements in road materials * Meeting LEED related goals * Internal Affairs (IA) requirements * Office of Information Technology (OIT) requirements
Environmental	<p>Unforeseen archaeological and/or environmental findings requiring some level of mitigation.</p> <p>NOTE: State Historic Preservation Office (SHPO), U.S. Fish and Wildlife Service (USFWS) and other government agency coordination directly resulting from unforeseen archaeological and/or environmental findings should be considered here.</p> <p>DOES NOT INCLUDE mitigation due to hazardous waste.</p>	<ul style="list-style-type: none"> * Additional surveying support requirements * Additional costs related to archaeological investigations * Biological monitoring requirements
External Entity Compliance	Risks related to requirements of additional analysis and negotiations with Tribal Nations, international, federal, state, and local regulatory agencies. Addresses the risk of not accounting for requirements during the Planning phase. This is also inclusive of any permitting that must be obtained/granted. Also includes specific changes in project scope due to pressure/influence outside of the CBP mission.	<ul style="list-style-type: none"> * Labor regulations * International Boundary & Water Commission (IBWC) * U.S. Fish and Wildlife Service (USFWS) * Bureau of Land Management (BLM) * Department of Transportation (DOT) * Congressional direction * State or municipal government interference
Latent Conditions	Encountering unforeseen sub-surface water/public/private underground structures/ underground rock/Latent Conditions resulting in project delays and adding cost. Also includes changes in cost or schedule that are related to mitigation of unanticipated hazardous waste issues (including cost for storage, testing and disposal.)	<ul style="list-style-type: none"> * Government-Furnished Material (GFM) corrosion * Terrain modifications * Unstable soil conditions * Dewatering operations * Hazardous Waste * Heavy metals * Hydrocarbons * Polychlorinated biphenyl (PCB)
Real Estate	Results in additional real estate and land acquisition or condemnation actions or events not originally planned impacting cost, resources required, and schedule durations. Includes price volatility (appraised, listed, negotiated) for land	<ul style="list-style-type: none"> * Change in construction location * Change in size of plot * Change in ROE or ROW access requirement
Scope	<p>Addresses a change in scope that was never intended to be considered and was not included in the original project plan. Activities outside of the overall parameters of the agreed to solution.</p> <p>DOES NOT INCLUDE changes in scope due to design related issues.</p>	<ul style="list-style-type: none"> * Increase in fence length * Additional gates * Change in alignment * Changes in operational requirements

Risk Level

(b) (5)

Risk Likelihood (Probability %)

Likelihood is defined as the probability that a risk will occur.

Risk Likelihood Levels	
5 - Near Certainty	Most always encountered; practically unavoidable risk (100%-81%)
4 - Highly Likely	Expected to occur; typically occurs in efforts of a similar nature (80%-61%)
3 - Possible	Even likelihood of occurrence; often encountered in similar efforts (60%-41%)
2 - Unlikely	Hypothetically possible, but uncommon in programs of similar type (40%-21%)
1 - Very Unlikely	Rarely encountered; standard practices will effectively avoid risk (20%-1%)

Risk Consequence (\$ Impact)

Evaluate each risk in terms of its possible consequence.

Consequence is defined as an unfavorable result of a risk.

Each risk should be categorized by type for consequence to the programs' cost, schedule and/or technical requirements.

Impact of Consequence Levels			
	Cost	Schedule	Performance
1 - Very Low	Minor cost increase; absorbable within budget	Minor schedule variance; no milestone impacts	Minimal reduction in technical performance; all operational requirements met
2 - Low	Cost increase may exceed authorized budget; sufficient funds available	Some schedule slips that are recoverable at program level; no major program delivery impacted	Minimum or slight reduction in technical performance; all operational requirements still met
3 - Medium	Cost increase exceeds authorized budget; funding increase may be necessary	Significant schedule slip partially recoverable at program level; program delivery may be impacted	Decrease in technical performance; some operational requirements may not be met
4 - High	Cost increase exceeds authorized budget; funding increase necessary	Significant schedule slip may not be recoverable at program level; program delivery likely to be impacted	Decrease in technical performance; some operational requirements will not be met; mission success questionable
5 - Very High	Cost increase greatly exceeds authorized budget; large funding increase necessary	Major impact to schedule; program delivery will be impacted	Significant shortfall in technical performance; critical operational requirements not achieved; mission success unattainable

**Segment O-1: Projected RE Schedule
(MIDDLE Ranking for RE Schedule Risk)**

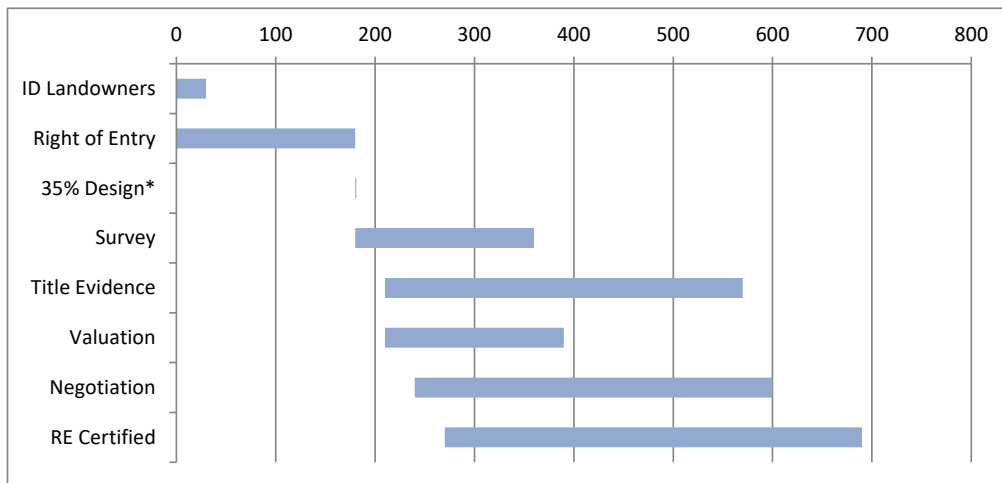
	Activity Start (Day #)	Activity Duration (No. of Days)	Activity Finish (Day #)	Activity Finish (Total # of Months From DAY-0)
ID Landowners	0	30	30	1
Right of Entry	0	180	180	6
35% Design*	180	1	181	6
Survey	180	180	360	12
Title Evidence	210	360	570	19
Valuation	210	180	390	13
Negotiation	240	360	600	20
RE Certified	270	420	690	23

FENCE MILEAGE
Est. # of TRACTS
Est. # of RELOCATIONS**

(b) (5)

* Default position is to await 35% design before commencing survey...otherwise will incur risks

** Number of relocations depends on approval of North/South alignment adjustment recommendations intended to avoid residences & commercial buildings



**Segment O-2: Projected RE Schedule
(HIGHEST Ranking for RE Schedule Risk)**

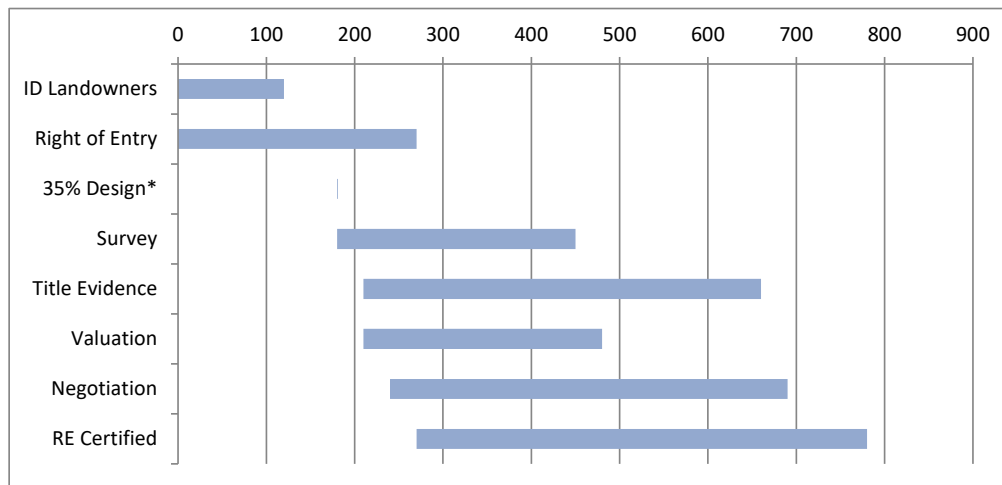
	Activity Start (Day #)	Activity Duration (No. of Days)	Activity Finish (Day #)	Activity Finish (Total # of Months From DAY-0)
ID Landowners	0	120	120	4
Right of Entry	0	270	270	9
35% Design*	180	1	181	6
Survey	180	270	450	15
Title Evidence	210	450	660	22
Valuation	210	270	480	16
Negotiation	240	450	690	23
RE Certified	270	510	780	26

FENCE MILEAGE
Est. # of TRACTS
Est. # of RELOCATIONS**

(b) (5)

* Default position is to await 35% design before commencing survey...otherwise will incur risks

** Number of relocations depends on approval of North/South alignment adjustment recommendations intended to avoid residences & commercial buildings



Segment O-3: Projected RE Schedule
(LOWEST Ranking for RE Schedule Risk)

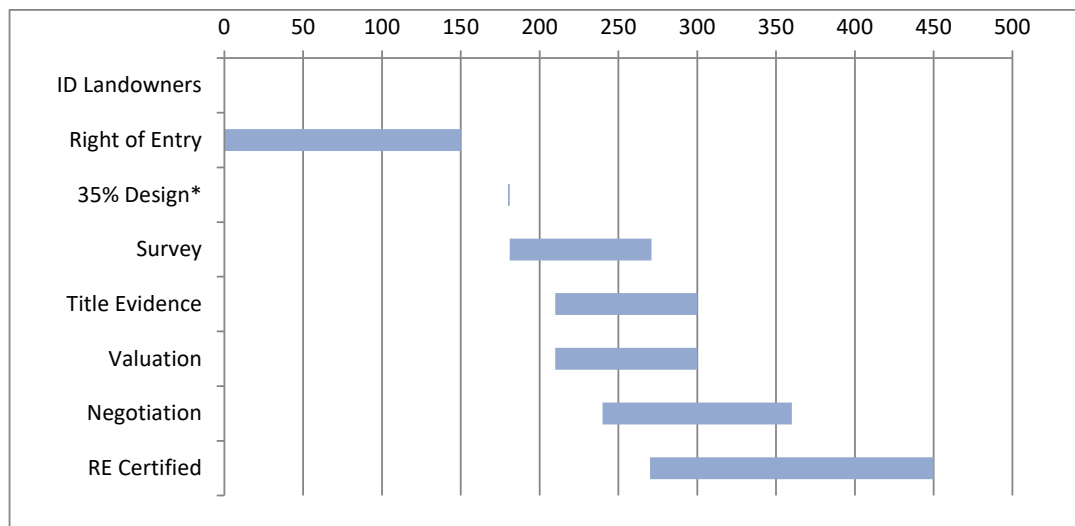
	Activity Start (Day #)	Activity Duration (No. of Days)	Activity Finish (Day #)	Activity Finish (Total # of Months From DAY-0)
ID Landowners	0	0	0	0
Right of Entry	0	150	150	5
35% Design*	180	1	181	6
Survey	181	90	271	9
Title Evidence	210	90	300	10
Valuation	210	90	300	10
Negotiation	240	120	360	12
RE Certified	270	180	450	15

FENCE MILEAGE
Est. # of TRACTS
Est. # of RELOCATIONS**

(b) (7)(E)
(b) (5)

* Default position is to await 35% design before commencing survey...otherwise will incur risks

** Number of relocations depends on approval of North/South alignment adjustment recommendations intended to avoid residences & commercial buildings



O-1	Activity Start (Day #)	Activity Duration (No. of Days)	Activity Finish (Day #)		Activity Finish (Total # of Months From DAY-0)
ID Landowners	0	30	30		1
Right of Entry	0	180	180		6
35% Design*	180	1	181		6
Survey	180	180	360		12
Title Evidence	210	360	570		19
Valuation	210	180	390		13
Negotiation	240	360	600		20
RE Certified	270	420	690		23

FENCE MILEAGE
Est. # of TRACTS
of RELOCATIONS**

(b) (7)(E)
(b) (5)

O-2	Activity Start (Day #)	Activity Duration (No. of Days)	Activity Finish (Day #)		Activity Finish (Total # of Months From DAY-0)
ID Landowners	0	120	120		4
Right of Entry	0	270	270		9
35% Design*	180	1	181		6
Survey	180	270	450		15
Title Evidence	210	450	660		22
Valuation	210	270	480		16
Negotiation	240	450	690		23
RE Certified	270	510	780		26

FENCE MILEAGE
Est. # of TRACTS
of RELOCATIONS**

(b) (7)(E)
(b) (5)

O-3	Activity Start (Day #)	Activity Duration (No. of Days)	Activity Finish (Day #)		Activity Finish (Total # of Months From DAY-0)
ID Landowners	0	0	0		0
Right of Entry	0	150	150		5
35% Design*	180	1	181		6
Survey	181	90	271		9
Title Evidence	210	90	300		10
Valuation	210	90	300		10
Negotiation	240	120	360		12
RE Certified	270	180	450		15

FENCE MILEAGE
Est. # of TRACTS
of RELOCATIONS**

(b) (7)(E)
(b) (5)

TOTAL FENCE MILEAGE

(b) (7)(E)

Segments	O-1		O-2		O-3	
	(b) (7)(E)					
Mileage						
Structural Features						
Bollard Border Fence	(b) (7)(E)					
Retaining walls						
Drainage (Small)	14	ea.	30	ea.	6	ea.
"WADI Span" (Bridge-length) > 20'	3	ea.	7	ea.	1	ea.
Access Roads						
Border	(b) (7)(E)					
Access						
Gates						
Vehicle	4	ea.	3	ea.	2	ea.
Farm	0	ea.	2	ea.	0	ea.
Assumptions	(b) (5)					

BUDGET WORKSHEET

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)



US Army Corps of Engineers
O-1, O-2, & O-3 Potential Acquisition Strategies
5-Apr-12

Major Assumptions:

(b) (5)

of Days

of Days

of Days

of Days

(b) (5)

Acquisition Ri

1 Real Estate (b) (5)
2 Schedule (b) (5)
3 Unknown

of Contracts

Start time (b) (5)

Existing Horizontal MATOC Contracts:

- 1 Unrestricted SWD Horizontal MATOC 11 Ktrs, \$443M available Capacity, \$100M TO Limit, 2 firms with TI Experience, Expires 3/17/15, \$74M can be used outside of SWD
- 2 Hubzone SWD Horizontal MATOC 12 Ktrs, \$94M available capacity, \$10M TO Limit, 3 firms with TI experience, Expires 3/23/15, SWD Boundaries
- 3 8(a) SWD Horizontal MATOC 10 Ktrs, \$173M available capacity, \$15M TO Limit, 1 firm with TI experience, Expires 3/25/15, \$33M can be used outside of SWD.



O-1, O-2, O-3 Fence Construction

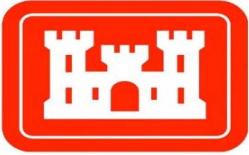
Acquisition Strategy
Decision Matrix
4/5/2012

All of these activities are listed at the last possible time to allow for completion of construction in July 2016

Timeline
Sep-13 Oct-13 Nov-13 Dec-13 Jan-14 Feb-14 Mar-14 Apr-14 May-14 Jun-14 Jul-14 Aug-14 Sep-14 Oct-14 Nov-14 Dec-14 Jan-15 Feb-15 Mar-15 Apr-15 May-15 Jun-15 Jul-15 Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Feb-16 Mar-16 Apr-16 May-16 Jun-16

(b) (5)

Construction Complete - July 2016



US Army Corps of Engineers
O-1, O-2, & O-3 Potential Acquisition Strategies
Decision Matrix
5-Apr-12

1. **Background:**
The purpose of this document is to rate each of the proposed Acquisition Strategies against four relevant factors to identify the potentially strongest Strategy.

2. **Potential Acquisition Strategies**

- A. (b) (5)
B. (b) (5)
C. (b) (5)
D. (b) (5)

3. **Acquisition Strategy Evaluation Factors**

- A. (b) (5)
B. (b) (5)
C. (b) (5)
D. (b) (5)

4. **Analysis of Each Strategy**

- A. (b) (5)
B. (b) (5)

C.

(b) (5)

D.

5. **Decision Matrix:**
1 is high and 4 is low.

(b) (5)

6. **Recommended Path Forward:**

(b) (5)

(b) (5)

(b) (5)

(b) (5)

The purpose of the Project Requirements Document Baseline Cost Estimate (PRDBCE) is to calculate a cost estimate for a project as part of the Project Requirements Document development (PRD). Once the PRD is approved this cost estimate is baselined and should not be changed.

The following information will explain the layout of the PRDBCE Worksheet. A detailed explanation of the header and first sub-heading (Project Management) will be given. The structure for all sub-headings is the same therefore the instructions are applicable to the remaining sub-headings. The alpha-numeric symbols (A2, A3, etc.) refer to the excel spreadsheet cell where the information is located.

The worksheet is divided into six sections: **Project Management, Real Estate, Environmental, Design, Construction, and Construction Oversight**. These sections contain the activities that account for the varying costs of each individual project. To ensure the accuracy of the cost estimate, each activity needs to have the correct resource, org code (organizational code must be the specific office where the work is being done, not at the executive level, for construction it must be the field office that is in control of RMS), hours (estimated time to be spent on each activity) and the fully burdened rate. The default equation automatically populates the sub-heading amount in column I by multiplying the hours by the fully burdened rate.

Project Heading Instructions

A2 – Project Heading - enter project title in B2 to include FM&E project number.

A3 – Sector - enter Border Patrol Sector or other controlling agency identifier in B3.

E3 - USACE District - Enter USACE District Name in F3.

A4 – Duration - Enter number of calendar days projected for the project in B4 – is this by 5 working days or 7 working days (most use 5 in P2).

E4 – Date - Enter date worksheet is completed in F4.

B5 - Enter Project P2#.

Sub-Heading Instructions

A6 – This cell is set to auto-populate based on the P2# entered in cell B5.

B6 – Activity Identification Number – Found in P2 Report.

C6 – Name of the project sub-heading.

H6 – This cell contains an equation that calculates the estimated total cost of the sub-heading activities. Verify that the formula includes all necessary values in the final sum (to included added cells). Cells H7-H16 are included in the default summation.

C7 - Project Management – If needed, additional rows shall be added to account for District Project Manager, Program Manager, PPMD Support Staff, and any other costs that fall under this umbrella.

C9 - PM Contract Support - Select type of support from drop down menu on cell E9 (OTHCONSV).

I9 - Enter Contract monetary value.

D10 - Contract Type - select contract type from drop down menu on cell E10.

D11 - Contract Acquisition Codes – The entries for cells E12-E14 are mandatory for P2 entries.

D12 - Contracting Type - select type from drop down menu on cell E12.

D13 - Contracting Method - select method from drop down menu in cell E13.

D14 - Set-Aside Decision - select decision from drop down menu in cell E14.

Repeat the above steps to the proceeding sub-headings.

Non-USACE Expenses

-This section deals with those expenses that may be funded to USACE for work under the construction contract but for reporting purposes should be separated as Non-USACE costs. The BPFTI PM will coordinate this with the USACE PM and will ensure that these costs are not double counted.

-Category 4 "Other" should be addressed on the Assumptions tab and explain what other costs are included.

Assumptions Tab

-Each section of the PRD Baseline Cost Estimate has a corresponding section for assumptions on the Assumptions Tab of the workbook.

-The Assumptions that are already listed are Base Assumptions and should be identified as applicable via the Y and N check boxes to the left.

-Additional Assumptions for each sub-section can be added below and can be explained how ever necessary.

Project Requirements Document Baseline Cost Estimate						
Project Title: O-1,2,& 3 (Comprehensive Immigration Reform)						
Sector: Rio Grande Valley			FM&E#:	Insert FM&E#		
Duration: 990 Days		Insert Date		USACE District:	SWF & SWG	
P2#	XXXXXX	Activities	Resource	Org Code	Org Code Description	Amount \$
XXXXXX	.10000	Project Management				
		1 Project Management	LABOR			
			TRAVEL			
		2 PM Contract Support	AESVCS			
		Contract Type	DC AE			
		Contract Acquisition Codes				
		Contracting Type	A - Fixed Price Re-determination			
		Contracting Method	MISC - Competitive Credit Card, Small Purchases			
		Set-Aside Decision	SV - Service Disabled Veteran Owned SB			
		3 Operations Cell	LABOR			
		4 PM Reserve	CONTINGY			
		5 USACE Contracting Support				
		a. PM Services	LABOR			
		b. Real Estate				
		Title Contract	LABOR			
		Survey Contract	LABOR			
		Appraisal Contract	LABOR			
		c. Environmental				
		Environmental Services Contract	LABOR			
		Environmental Remediation	LABOR			
		Phase I ESA	LABOR			
		Biomonitoring	LABOR			
		d. Engineering/Design				
		Scope/Requirements Contract	LABOR			
		RFP Prep Contract	LABOR			
		Design (D/B/B)	LABOR			
		e. Construction				
		Construction Contract	LABOR			
		Oversight Contract	LABOR			
		f. Peer Review	LABOR			
*add the information above for each additional contracting action required						
XXXXXX	.90000	Real Estate				
		1 USACE District RE Support	LABOR			
			TRAVEL			
		2 Land Payment	LAND			
		3 Relocation Costs				
		4 Condemnation Costs	DOJ Costs, Damages, etc			
		5 Title Contract	ADV&ASTSVC			
		Contract Type	BPA New			
		Contract Acquisition Codes				
		Contracting Type				
		Contracting Method				
		Set-Aside Decision				
		6 Survey Contract	OTHCONSVC			
		Contract Type	BPA New			
		Contract Acquisition Codes				
		Contracting Type				
		Contracting Method				
		Set-Aside Decision				
		7 Appraisal Contract	OTHCONSVC			
		Contract Type	BPA New			
		Contract Acquisition Codes				
		Contracting Type				
		Contracting Method				
		Set-Aside Decision				
		8 RE Reserve	CONTINGY			
XXXXXX	.95000	Environmental				
		1 USACE District ENV Support	LABOR			
			TRAVEL			
		2 Environmental Services Contract	OTHCONSVC			
		Contract Type	MATOC Task Order			
		Contract Acquisition Codes				
		Contracting Type				
		Contracting Method				
		Set-Aside Decision				
		3 Environmental Remediation	OTHCONSVC			
		Contract Type	MATOC Task Order			
		Contract Acquisition Codes				
		Contracting Type				
		Contracting Method				
		Set-Aside Decision				
		4 Mitigation				
		5 Phase I ESA	OTHCONSVC			

(b) (5)

	Contract Type	MATOC Task Order	
	Contract Acquisition Codes		
	Contracting Type		
	Contracting Method		
	Set-Aside Decision		
6	Biomonitors	OTHCONSVC	
	Contract Type	MATOC Task Order	
	Contract Acquisition Codes		
	Contracting Type		
	Contracting Method		
	Set-Aside Decision		
7	ENV Reserve	CONTINGY	
XXXXXX	.40000	Design	
	1 Scope/Requirements Definition	LABOR	
	Contract Type	N/A	
	Contract Acquisition Codes		
	Contracting Type		
	Contracting Method		
	Set-Aside Decision		
	2 RFP Prep	OTHCONSVC	
	Contract Type	N/A	
	Contract Acquisition Codes		
	Contracting Type		
	Contracting Method		
	Set-Aside Decision		
	3 Design (D/B/B)	AESVCS	
	Contract Type	DC AE	
	Contract Acquisition Codes		
	Contracting Type		
	Contracting Method		
	Set-Aside Decision		
	4 Design Review	LABOR	
	5 Cost Estimating/Specifications	LABOR	
	6 Source Selection Evaluation Board	LABOR	
		TRAVEL	
	7 BCOE Review	LABOR	
	8 Design Reserve	CONTINGY	
XXXXXX	.61000.01	Construction	
	1 Construction Contract	CONSTSVCS	
	Contract Type	Complex Task Order	
	Contract Acquisition Codes		
	Contracting Type		
	Contracting Method		
	Set-Aside Decision		
	<u>Tactical Infrastructure</u>		
	<i>Design (D/B)</i>		
	<i>Construction - Fence</i>		
	<i>Construction - Lights</i>		
	<i>Construction - Roads</i>		
	<i>Military Deployment (M&E)</i>		
	<i>Other</i>	Construction Trailer (Office, Util, Admin Tools)	
	<u>Facilities</u>		
	<i>Design (D/B)</i>		
	<i>R&A</i>		
	<i>New Construction</i>		
	<i>Modular Construction</i>		
	<i>Other</i>		
	<i># of Agents</i>	<i>Insert #</i>	
	2 Management Reserve	CONTINGY	
* If construction project will be managed out of RMS, the RMS P2 plug-in must be used at creation of the project			
*Note which Districts RMS vs which District is awarding construction contract. Set up P2 accordingly			
XXXXXX	.61000.02	Construction Oversight	
	1 Construction Oversight	LABOR	ConReps & Proj Engr
		LABOR	Res Ofc & Admin
		TRAVEL	ConReps & Proj Engr
		GSAVEH	ConReps & Proj Engr
	<i>Oversight Contract</i>	OTHCONSVC	
	Contract Type	N/A	
	Contract Acquisition Codes		
	Contracting Type		
	Contracting Method		
	Set-Aside Decision		
	2 Contract Closeout/Warranty	LABOR	
	3 Construction Oversight Reserve	CONTINGY	
			PROJECT TOTAL

(b) (5)

Assumptions - PRD Baseline Cost Estimate	
Project Title: O-1,2,& 3 (Comprehensive Immigration Reform)	
Sector: Rio Grande Valley	USACE District: Insert FM&E#
Duration: 990 Days	Date: SWF & SWG
P2# XXXXXX	
XXXXXX .10000	Project Management
(b) (5)	
Additional Assumptions:	
(b) (5)	
XXXXXX 90000	Real Estate
(b) (5)	
Additional Assumptions:	
(b) (5)	
XXXXXX .95000	Environmental
(b) (5)	
Additional Assumptions:	
(b) (5)	
XXXXXX .40000	Design
__ Y N	(b) (5)

(b) (5)

XXXXXX .61000 Construction

(b) (5)

Additional Assumptions:

(b) (5)

.61000.10 Construction Oversight

(b) (5)

Additional Assumptions:

(b) (5)

NON USACE EXPENSES

State Assumptions and Explanation of 4.Other Expense

N/A

In HouseResources	Support Contracts	Design
LABOR	OTHCONSVCS	LABOR
TRAVEL	AESVCS	TRAVEL
GSAVEH	ADV&ASTSVC	OTHCONSVCS
N/A	CONSTSVCS	AESVCS
	N/A	CONSTSVCS
		N/A

Acquisition Strategy
N/A

0

(b) (5)

Contracting Type

- A - Fixed Price Re-determination
- B - Firm Fixed Price Level of Effort
- C - Basic Ordering Agreement
- D - Purchase Order
- J - Firm Fixed Price
- K - Fixed Price w/ Economic Price Adjustment
- L - Fixed Price Incentive
- M - Fixed Price Award Fee
- R - Cost Plus Award Fee
- S - Cost No Fee
- T - Cost Sharing
- U - Cost Plus Fixed Fee
- V - Cost Plus Incentive
- Y - Time and Materials
- Z - Labor Hours
- 2 - Combination (Awards only)
- 3 - Other (Nothing else apply)
- 5 - Fixed Ceiling Price w/ Retroactive Price Redetermination
- 6 - Fixed Price Incentive (firm target)
- 7 - Fixed Price Incentive (successive targets)
- 8 - Letter Contract
- 9 - Blanket Purchase Agreement

Contracting Method

- IDC - Competitive DO/TO against existing contract
- IDCN - Non-Competitive DO/TO against existing contract
- IFB - Sealed Bid Low Bid
- MISC - Competitive Credit Card, Small Purchases
- MISCN - Non-Competitive Credit Card, Small Purchases
- MOD - Competitive Modification
- MODN - Non-Competitive Modification
- OCM - Competitive Other Contracting Method
- OCMN - Non-Competitive Other Contracting Method
- RFP1 - Competitive RFP 1 Step
- RFP1N - Non-Competitive RFP 1 Step
- RFP2 - RFP 2 Step
- SP1 - Competitive Simplified Acquisition Procedures over \$100K
- SP1N - Non-Competitive Simplified Acquisition Procedures over \$100K
- SP3 - Competitive Simplified Acquisition Procedures under \$100K
- SP3N - Non-Competitive Simplified Acquisition Procedures under \$100K

Set Aside Decision

8a - 8(a)

HZ - HUB Zone SB

MI - Minority Serving Institutions

NONE - No set aside used

SB - Small Business

SV - Service Disabled Veteran Owned SB

WO - Woman Owned SB

GOVERNMENT ESTIMATE
ROM

for

O-1-O-3 RGV

(b) (7)(E)

Primary Fence Construction
Roma-RioGrande City, Texas

(REVISED 23-APRIL-2013)

~~FOR OFFICIAL USE ONLY~~

This marking is CANCELLED when separated
From the material bearing a protective marking

(b) (5), (b)(6);(b)(7)(C)

(b) (5), (b) (6)

(b) (5)

(b) (5)

(b) (5), (b) (7)(E)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (5)

(b) (5)

(b) (5), (b) (7)(E)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: OTIA issues (UNCLASSIFIED)
Date: Thursday, April 02, 2015 10:46:42 AM

Wow!!! (b) (5)

(b) (5), (b) (6)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 02, 2015 10:38 AM
To: (b) (6) >(b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6), (b) (7)(C)
Subject: Re: OTIA issues (UNCLASSIFIED)

(b) (6), (b) (7)(C) (b) (5), (b) (6)

----- Original Message -----

From: (b) (6)
Sent: Thursday, April 02, 2015 10:33 AM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6) (b) (6), (b) (7)(C)
Subject: RE: OTIA issues (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)(C),

(b) (5), (b)(6); (b)(7)(C)

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 31, 2015 4:47 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) (b) (6)

(b) (6); (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: OTIA issues

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) asked me to weigh in too; I don't plan to go into the particulars of today's call.

(b) (5), (b) (6)

(b) (5), (b) (6)

We should be ready to brief it in detail by Friday I think.

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing

Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 31, 2015 3:06 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Subject: RE: OTIA issues

(b) (6), (b) (7)(C),

From my perspective our issues with (b) (6), (b) (7)(C) are as follows:

(b) (5), (b) (6), (b) (7)(C)



(b) (5), (b) (6)

As a team, we are ready and willing to continue our work and meet the schedule.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 31, 2015 12:31 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Re: OTIA issues

Thanks (b) (6), (b) (7)(C) - (b) (5)

We will help (b) (6), (b) (7)(C) mp understand.

(b) (6), (b) (7)(C) (b) (5)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 31, 2015 12:10 PM Eastern Standard Time

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: OTIA issues

Quick Summary:

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

(b) (5), (b)(6); (b)(7)(C)

(b) (6), (b) (7)(C), Chief Architect, CBP BPFTI

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 31, 2015 9:27 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: OTIA issues

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C), Chief Architect, CBP BPFTI

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 31, 2015 9:18 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: OTIA issues

Sorry – left you off the email and this is actually in your lap – (b) (6), (b) (7)(C) (b) (5)

(b) (6), (b) (7)(C) – can you be on the (b) (7)(E) call today at 11 am eastern? A couple of key issues that require leadership:

A) DrChecks – (b) (5), (b)(6); (b)(7)(C)

B) UPS time – 5 minutes, 30 minutes or 2 hours – FM&E needs a decision from OTIA

C) (b) (5), (b) (7)(E)
– FM&E is resolving with Border Patrol.

D) Stamped drawings – US Supreme Court has ruled that engineering designs produced by federal employees for federal use are not to be stamped. Liability and jurisdiction rest with the federal government. Stamps are the jurisdiction of state governments.. USACE has agreed to have the supervising engineer sign the cover sheet indicating that the design was supervised by a registered professional.

E) Lighting protection – (b) (5)

(b) (6), (b) (7)(C), Chief Architect, CBP BPFTI

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 31, 2015 7:46 AM

To: (b) (6), (b) (7)(C)

Subject: OTIA issues

(b) (6), (b) (7)(C) – can you be on the (b) (7)(E) call today at 11 am eastern? A couple of key issues that require leadership:

A) DrChecks – (b) (5), (b)(6); (b)(7)(C)

B) UPS time – 5 minutes, 30 minutes or 2 hours – FM&E needs a decision from OTIA

C) (b) (5), (b) (7)(E)
– FM&E is resolving with Border Patrol.

D) Stamped drawings – US Supreme Court has ruled that engineering designs produced by federal employees for federal use are not to be stamped. Liability and jurisdiction rest with the federal government. Stamps are the jurisdiction of state governments.. USACE has agreed to have the supervising engineer sign the cover sheet indicating that the design was supervised by a registered professional.

E)

(b) (6), (b) (7)(C)

Chief Architect, A/E Services Division

Border Patrol Facilities and Tactical Infrastructure PMO

Facilities Management & Engineering

Office of Administration, U.S. Customs and Border Patrol

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

CBP, 150 Westpark Way, Euless, Texas 76040

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update
Date: Friday, May 22, 2015 11:26:47 AM

(b) (5)
(b) (6), (b) (7)(C) PM
BPFTI
TI MR
(b) (6), (b) (7)(C)

Sent from Blackberry

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 21, 2015 07:46 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

Understood - Thanks (b) (6), (b)

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 21, 2015 07:14 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: Re: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

(b) (6),

Just to advise that RGV once again got hit with rainfall over 1 inch. Unlikely that Primus will be able to repair the roads but will give it a try tomorrow. Rain is still forecasted for the weekend. I will keep you posted on progress.

Thanks

(b) (6), (b) (7)(C) PM
BPFTI
TI MR
(b) (6), (b) (7)(C)

Sent from Blackberry

From: (b) (6), (b) (7)(C)
Sent: Monday, May 18, 2015 03:22 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

Thanks (b) (6),

(b) (6), (b) (7)(C), Program Manager
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering
Tactical Infrastructure Division (Maintenance and Repair)
(b) (6), (b) (7) Work
(b) (6), (b) (7) Blackberry
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, May 18, 2015 3:19 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: Fw: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

Fyi

From: (b) (6)
Sent: Monday, May 18, 2015 03:30 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: RE: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

(b) (5)

The attached email details the status of the tracts between (b) (7)(E)

(b) (6)
Realty Specialist
U.S. Army Corps of Engineers
Ft. Worth District, Real Estate Division
819 Taylor Street, Room 2A06
Ft. Worth, TX 76102-0300
Phone: (b) (6)
Fax: (b) (6)

From: (b) (6), (b) (7)(C)
Sent: Monday, May 18, 2015 2:17 PM
To: (b) (6), (b) (7)(C)
Subject: [EXTERNAL] Fw: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

Hi (b) (6) is what (b) (6), (b) says a correct understanding of your exhibit?

From: (b) (6), (b) (7)(C)
Sent: Monday, May 18, 2015 03:13 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: RE: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

(b) (5)

(b) (6), (b) (7)(C), Program Manager
Border Patrol Facilities and Tactical Infrastructure
Facilities Management and Engineering
Tactical Infrastructure Division (Maintenance and Repair)
(b) (6), (b) (7) Work
(b) (6), (b) (7) Blackberry
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, May 18, 2015 1:30 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Fw: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

(b) (6), (b) (7)(C) - here is what I got from USACE. Check it out and let me know if you have any questions.

From: (b) (6)
Sent: Monday, May 18, 2015 02:26 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: RE: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

(b) (6),

(b) (7)(E) I've attached 2 maps showing what we approximate to be the (b) (7)(E)
(b) (7)(C) (1st attachment) (b) (7)(E) (2nd attachment).

(b) (6),
Realty Specialist
U.S. Army Corps of Engineers
Ft. Worth District, Real Estate Division
819 Taylor Street, Room 2A06
Ft. Worth, TX 76102-0300
Phone: (b) (6)
Fax: (b) (6)

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 14, 2015 9:46 PM
To: (b) (6)
Subject: [EXTERNAL] FW: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

(b) (6) (b) (5)

Thanks!

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**
Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

*Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.*

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 14, 2015 10:09 PM
To: (b) (6), (b) (7)(C)
Subject: Re: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

(b) (5)

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 14, 2015 06:14 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: Re: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

(b) (5)
(b) (6), (b) (7)(C) PM
BPFTI
TI MR
(b) (6), (b) (7)(C)

Sent from Blackberry

From: (b) (6), (b) (7)(C)
Sent: Thursday, May 14, 2015 01:11 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C), (b) (6), (b) (6), (b) (7)(C), (b) (6)
Subject: RE: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

You can use (b) (7)(E) to access the fence.

(b) (5)

Very Respectfully,

(b) (6), (b) (7)(C), **MBA PMP**
Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Thursday, May 14, 2015 1:35 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6)

Subject: RE: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

Importance: High

(b) (6), (b)

Thank you. Ok. Please get with the SMEs you need to get this started.

I would like to get an ETA.

(b) (6), and (b) (6),

Please work to manage expectation while (b) (6), (b) gets the pegs in order to execute.

From: (b) (6), (b) (7)(C)

Sent: Thursday, May 14, 2015 1:33 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6)

Subject: RE: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

(b) (6)

In order to proceed

1. Weather and road conditions need to improve since it is unlikely we can get heavy equipment into this area. I will also need a proposal from PRIMUS to repair the road(s) selected.
2. RE need to give me the Green light depending on the route to take (b) (7)(E)
3. ENV need to give me the Green light we are good to repair the road.

Once we are GO (b) (5), (b) (7)(E)

Thanks

(b) (6), (b) (7)(C), Program Manager
Global Fusion Facilities and Tactical Infrastructure
Facilities Management and Engineering
Tactical Infrastructure Division (Maintenance and Repair)
(b) (6), (b) (7) Work
(b) (6), (b) (7) Blackberry
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, May 14, 2015 11:02 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6)

Subject: Re: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

Ok.

(b) (6), (b) (b) (5)

Thanks.

From: (b) (6), (b) (7)(C)

Sent: Thursday, May 14, 2015 11:55 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6)

Subject: Re: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

(b) (6), (b) (5)

Thank you.

From: (b) (6), (b) (7)(C)

Sent: Thursday, May 14, 2015 09:58 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6)

Subject: Urgent - Authorization & Assistance Requested FW: (b) (7)(E) access issues; update

All - (b) (6), (b) (6), (b) (6) and I just had a call with (b) (6), (b) (7)(C) from RGV Sector.

We have two requests - one for (b) (6) & (b) (6), (b) and one for (b) (6)

URGENT M&R ISSUE: (b) (6), (b) (7)(C)

(b) (6) indefinitely we need your assistance to energize Primus to perform M&R asap to the road along the fence at (b) (7)(E) - ref attached map.

As you can see by the pictures in the below email chain - the road is deeply rutted and these pics are weeks old; the condition has worsened due to recent weather.

Certain landowners are now literally landlocked and cannot drive down the fence road to the nearest access road (b) (7)(E) - and they have made formal complaints to DoJ.

(b) (6), (b) (7)(C), (b) (5), (b) (7)(E)

If anyone has any questions please let me know.

(b) (5)

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP
Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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Border Patrol's proud legacy.*

From: (b) (6), (b) (7)(C)
Sent: Friday, April 24, 2015 3:01 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: (b) (7)(E) access issues; update
Importance: High

(b) (6), (b) (7)(C)

The below email is from the Assistant US Attorney (AUSA) (b) (6), (b) (7)(C) (b) (5), (b) (7)(E)
I believe you were both on that call so I'm summarizing more for the benefit of (b) (6), (b) (7)(C).

(b) (5), (b) (6); (b) (7)(C); (b) (7)(E)

I'll be happy to work with Barbara and to get (b) (6), (b) (7)(C) (OCC) USACE & DoJ on a call next week to start coordinating everything if necessary.

Thank you and I hope you all have a great weekend!

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP
Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

*Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.*

From: (b) (6)
Sent: Thursday, April 23, 2015 11:32 AM
To: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: (b) (7)(E) access issues; update
Importance: High

All -

(b) (5)

(b) (5)

(b) (5)

(b) (6)

ASSISTANT UNITED STATES ATTORNEY

SOUTHERN DISTRICT OF TEXAS

600 E. Harrison | Suite 201 | Brownsville, TX 78520

Main: (b) (6) | Office: (b) (6) | Fax: (b) (6) | Email: (b) (6)

Confidentiality Notice: This e-mail message is covered by the Electronic Communications Privacy Act, 18 U.S.C. Section 2510-2521 and is legally privileged. Unauthorized review, use, disclosure or distribution is strictly prohibited. If you are not the intended recipient, please contact the sender at (b) (6) or by reply e-mail, or at the telephone number above, and destroy all copies of the original message.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, June 15, 2016 6:48 PM

To: (b) (6) (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)

;(b) (6), (b) (7)(C)

(b) (6)

(b) (6)

(b) (6)

(b) (6), (b) (7)(C)

Subject: RE: RGV (b) (7)(E) Required sites for AE RFP (UNCLASSIFIED)

Thank you. I'll convey. Just to check.

(b) (6), (b) (7)(C)

(b) (5)

Regards,

(b) (6), (b) (7)(C), PMP, CBM

Director

CBP-OA-FM&E-BPFTI

Tactical Infrastructure

Washington, D.C

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6)

Sent: Wednesday, June 15, 2016 6:42:47 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C); (b) (6); (b) (6); (b) (6), (b) (7)(C)

Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

(b) (6), (b) (7)(C)

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

Sincerely,

(b) (6)

office (b) (6)

bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Monday, June 13, 2016 8:20 AM

To: (b) (6), (b) (7)(C) (b) (6)
(b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: [EXTERNAL] FW: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (6) and (b) (6)

Can you all bundle this for me and send it to me so that I can send to (b) (6), (b) (7)(C)

(b) (6). I think you sent me this on Friday, the Minutes. The requirements document I don't know if I have this.

Thanks.

From: (b) (6), (b) (7)(C)

Sent: Monday, June 13, 2016 9:17 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) (b) (6)
(b) (6) (b) (6), (b) (7)(C)

Subject: RE: RGV (b) (7)(E) Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (6),

(b) (5)

Also it has almost been a week since the AE kickoff for (b) (7)(E) I requested the schedule, requirements document, along with the minutes from that kickoff meeting. Can please send to me and the team ASAP?

Thank you,

(b) (6), (b) (7)(C)

RGV RVSS Upgrade Program Manager

Office of Technology Innovation and Acquisition Customs and Border Protection

Office: (b) (6), (b) (7)(C)

BlackBerry: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, June 10, 2016 6:08:49 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: FW: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (7)(C):

See below. Today was the day we needed a response to the request below.

(b) (5)

Regards,

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)

Sent: Friday, June 10, 2016 5:04 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6)

(b) (6), (b) (7)(C); (b) (6)

Subject: RGV (b) (7)(E) Required sites for AE RFP (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

(b) (6), (b) (7)(C)

(b) (5)

We said in our weekly Tuesday meeting on 7 Jun that we need an answer by -- today 10 Jun, (b) (5).

(b) (7)(E) Gate Alt - (b) (5) y. See emails attached.

(b) (7)(E) - memo shows primary as selected site; (b) (5)

Sincerely,

(b) (6)

(b) (6), P.E., PMP

Towers Program Manager

USACE Fort Worth District

CESWF-ECSO-T

office (b) (6)

bb (b) (6)

CLASSIFICATION: UNCLASSIFIED

CLASSIFICATION: UNCLASSIFIED

CLASSIFICATION: UNCLASSIFIED

CLASSIFICATION: UNCLASSIFIED
CLASSIFICATION: UNCLASSIFIED

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: re: site (UNCLASSIFIED)
Date: Monday, June 20, 2016 5:59:32 PM
Attachments: (b) (7)(E) RGV Sector Revised Laydown 06082016.pdf
Not Responsive

(b) (6), (b) (7)(C)

I called your 3 phones today to no avail. I realize we are busy. Yet, it would be good to talk.

There is one item that we seem to keep missing and it is the two items below.

Need you concurrence so we can proceed to finish the (b) (7)(E) AE SOW.

Moreover, as of Friday, I am holding any further work on the AE until we get three things from OTIA.

1. The answers to the questions below.
2. The comments back on the (b) (7)(E) AE SOW
3. Approval to proceed with the (b) (7)(E) AE RFP.

The RFP was scheduled to be released last week, yet since we did not get 1 thru 3 from OTIA I made the decision to "pause."

We can discuss this at the PMR tomorrow.

Regards,
(b) (6), (b) (7)(C), PMP, CBM
Director
CBP-OA-FM&E-BPFTI
Tactical Infrastructure
Washington, D.C
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6)
Sent: Monday, June 20, 2016 5:22:43 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: FW: re: site (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

(b) (6), (b) (7)(C)

This is what you sent me on --- 15 June. --- but it did NOT come from (b) (6), (b) (7)(C). It came from (b) (6), (b) (7)(C). So it appears we DO NOT have anything from (b) (6), (b) (7)(C) for sites decision below.

(b) (7)(E) Gate Alt - (b) (5). See emails attached.

(b) (7)(E) - memo shows primary as selected site;

(b) (5)

Sincerely,

(b) (6)

office (b) (6)

bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Wednesday, June 15, 2016 6:58 AM

To: (b) (6)

Cc: (b) (6), (b) (7)(C)

Subject: FW: re: site

FYSA. See attached...

From: (b) (6), (b) (7)(C)

Sent: Wednesday, June 15, 2016 7:54 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: re: site

(b) (6), (b) (7)(C), did you get this? (b) (6), (b) (7)(C) and I were on the phone yesterday and he thought this got sent to us however I do not recall seeing it.

(b) (6), (b) (7)(C), P.E., PMP

SME, TI Division

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C) (Preferred)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, June 14, 2016 3:12 PM

To: (b) (6), (b) (7)(C)

Subject: re: site

Thanks

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Civil Engineer

Requirements & Architectures Branch

System Analysis & Evaluation Division

Systems Engineering Directorate

Office of Technology Innovation and Acquisition

U.S. Customs and Border Protection (CBP)

1901 S. Bell St., #7-099

Arlington VA 20598

Ofc: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

Note: The Contracting Officer is the sole individual authorized to make changes to the contract on behalf of the Government. The content of this email is not intended to change the existing scope of contract. If the Contractor considers any part of this communication to constitute a change in scope, the Contractor shall notify the Contracting Officer in accordance with FAR Clause 52.243-7, Notifications of Changes.

CLASSIFICATION: UNCLASSIFIED



RGV Revised Laydown Site Information

Approved Laydown Site Information					Revised Laydown Site Information			
Station	Site Name	Lat	Long	Proposed Preferred Site	Lat	Long	Proposed Preferred Site	Justification
(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	Alternate	(b) (5), (b) (7)(E)	(b) (7)(E)	(b) (7)(E)	Administrative Error on the Coordinates
				Primary				(b) (7)(E)
				Primary				
				Primary				
				Primary				
				Primary				
				Primary				
				Tertiary				
				Existing				
				Primary				Added the coordinates to blank cell (b) (7)(E)
				Primary				Original coordinates updated to shifted coordinates (b) (7)(E)
				Primary or Alternate?				



Approval

Baseline the RGV Sector laydown

_____ as proposed

X _____ Revised

(b)(6); (b)(7)(C) Digitally signed by (b)(6); (b)(7)(C)
DN: c=US, o=U.S. Government, ou=Department
of Homeland Security, ou=CBP, ou=People,
cn=(b)(6); (b)(7)(C)
(b)(6); (b)(7)(C)
Date: 2016.06.08 16:53:18 -05 00

RGV Sector

(b)(6); (b)(7)(C) (b)(6); (b)(7)(C)
(A) Associate Chief
SPAD/ORMD

USBP HQ

6/14/2016

~~FOR OFFICIAL USE ONLY~~

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: FW: RGV (b) (7)(E) Required sites for AE RFP (UNCLASSIFIED)
Date: Friday, June 17, 2016 4:09:47 PM
Attachments: (b) (7)(E) [RGV Sector Revised Laydown 06082016.pdf](#)

FYI, I am not sure if you noticed any other discrepancies.

(b) (6), (b) (7)(C), P.E., PMP
SME, TI Division
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C) (Preferred)
Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, June 17, 2016 4:04 PM
To: (b) (6), (b) (7)(C)
Subject: FW: RGV (b) (7)(E) Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (7)(C),

Quick question on this -

(b) (5), (b) (7)(E)

(b) (6), (b) (7)(C), P.E., PMP
SME, TI Division
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C) (Preferred)
Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, June 17, 2016 12:36 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (7)

(b) (5)

Have a good weekend,

(b) (6), (b) (7)

(b) (6), (b) (7)(C)

RGV RVSS Upgrade and AZ C2 Program Manager
Office of Technology Innovation and Acquisition
Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Blackberry: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, June 17, 2016 6:26 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (5)

Also please include our working group on these emails so that they including our scheduler has insight.

Thank you,

(b) (6), (b) (7)(C)

RGV RVSS Upgrade Program Manager
Office of Technology Innovation and Acquisition
Customs and Border Protection
Office: (b) (6), (b) (7)(C)
BlackBerry: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, June 15, 2016 10:13:07 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (7)(C)

See below and attached (attached was sent to you this week).

(b) (7)(E) EA award is now a day for day slip cause we are not getting the responses from OTIA in a timely manner.

We are just providing the information as you have requested.

If you would, please provide responses and we will address this thru the schedule.

Thank you,

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)

Sent: Wednesday, June 15, 2016 6:43 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)

Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

(b) (6), (b) (7)(C)

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

Sincerely,

(b) (6)

office (b) (6)

bb (b) (6)



RGV Revised Laydown Site Information

Approved Laydown Site Information					Revised Laydown Site Information			
Station	Site Name	Lat	Long	Proposed Preferred Site	Lat	Long	Proposed Preferred Site	Justification
(b) (7)(E)				Alternate	(b) (5), (b) (7)(E)			Administrative Error on the Coordinates
				Primary				(b) (7)(E)
				Primary				
				Primary				
				Primary				
				Primary				
				Primary				
				Tertiary				
				Existing				Added the coordinates to blank cell
				Primary				(b) (7)(E)
				Primary				Original coordinates updated to shifted coordinates
				Primary or Alternate?				(b) (7)(E)



Approval

Baseline the RGV Sector laydown

_____ as proposed

X _____ Revised

(b)(6); (b)(7)(C)

Digitally signed by (b)(6); (b)(7)(C)
DN: c=US, o=U.S. Government, ou=Department
of Homeland Security, ou=CBP, ou=People,
cn=(b)(6); (b)(7)(C)
(b)(6); (b)(7)(C)
Date: 2016.06.08 16:53:18 -05 00

RGV Sector

(b)(6); (b)(7)(C)

USBP HQ

(b)(6); (b)(7)(C)

(A) Associate Chief
SPAD/ORMD
6/14/2016

~~FOR OFFICIAL USE ONLY~~

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C) (b) (6) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)
Date: Monday, June 20, 2016 10:36:34 AM
Attachments: (b) (7)(E) [RGV Sector Revised Laydown 06082016.pdf](#)

(b) (6), (b) (7)(C) ,

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

Please, if you could help us verify.

(b) (6), (b) (7)(C) , P.E., PMP
SME, TI Division
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C) (Preferred)
Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, June 20, 2016 10:17 AM
To: (b) (6), (b) (7)(C)
Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (7)(C) , (b) (5) (b) (7)(E)

Please give me a call. Thanks. (b) (6), (b) (7)(C)

Thanks

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
Civil Engineer
Requirements & Architectures Branch
System Analysis & Evaluation Division
Systems Engineering Directorate
Office of Technology Innovation and Acquisition
U.S. Customs and Border Protection (CBP)
1901 S. Bell St., #7-099

Arlington VA 20598

Ofc: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

Note: The Contracting Officer is the sole individual authorized to make changes to the contract on behalf of the Government. The content of this email is not intended to change the existing scope of contract. If the Contractor considers any part of this communication to constitute a change in scope, the Contractor shall notify the Contracting Officer in accordance with FAR Clause 52.243-7, Notifications of Changes.

From: (b) (6), (b) (7)(C)

Sent: Monday, June 20, 2016 10:15 AM

To: (b) (6), (b) (7)(C)

Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (7)(C)

(b) (5)

Thanks for patience.

(b) (6), (b) (7)(C), P.E., PMP

SME, TI Division

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C) (Preferred)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, June 17, 2016 4:12 PM

To: (b) (6), (b) (7)(C)

Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (7)(C)

(b) (5)

. I will check with

(b) (6), (b) (7)(C). Thanks. (b) (6), (b) (7)(C)

Thanks

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Civil Engineer
Requirements & Architectures Branch
System Analysis & Evaluation Division
Systems Engineering Directorate
Office of Technology Innovation and Acquisition
U.S. Customs and Border Protection (CBP)
1901 S. Bell St., #7-099
Arlington VA 20598
Ofc: (b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)
Email: (b) (6), (b) (7)(C)

Note: The Contracting Officer is the sole individual authorized to make changes to the contract on behalf of the Government. The content of this email is not intended to change the existing scope of contract. If the Contractor considers any part of this communication to constitute a change in scope, the Contractor shall notify the Contracting Officer in accordance with FAR Clause 52.243-7, Notifications of Changes.

From: (b) (6), (b) (7)(C)
Sent: Friday, June 17, 2016 4:04 PM
To: (b) (6), (b) (7)(C)
Subject: FW: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (7)(C)

Quick question on this -

(b) (5), (b) (7)(E)

(b) (6), (b) (7)(C), P.E., PMP
SME, TI Division
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management & Engineering
U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C) (Preferred)
Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, June 17, 2016 12:36 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (7)(C)

(b) (5)

Have a good weekend,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

RGV RVSS Upgrade and AZ C2 Program Manager
Office of Technology Innovation and Acquisition
Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Blackberry: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, June 17, 2016 6:26 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (5) Also please include our working group on these emails so that they including our scheduler has insight.

Thank you,

(b) (6), (b) (7)(C)

RGV RVSS Upgrade Program Manager
Office of Technology Innovation and Acquisition
Customs and Border Protection
Office: (b) (6), (b) (7)(C)
BlackBerry: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Wednesday, June 15, 2016 10:13:07 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: FW: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b) (6), (b) (7)(C)

See below and attached (attached was sent to you this week).

(b) (7)(E) EA award is now a day for day slip cause we are not getting the responses from OTIA in a timely manner.

We are just providing the information as you have requested.

If you would, please provide responses and we will address this thru the schedule.

Thank you,

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)

Sent: Wednesday, June 15, 2016 6:43 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)

Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

(b) (6), (b) (7)(C)

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

Sincerely,

(b) (6)

office (b) (6)

bb (b) (6)



RGV Revised Laydown Site Information

Approved Laydown Site Information					Revised Laydown Site Information			
Station	Site Name	Lat	Long	Proposed Preferred Site	Lat	Long	Proposed Preferred Site	Justification
(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	Alternate	(b) (5), (b) (7)(E)	(b) (7)(E)	(b) (7)(E)	Administrative Error on the Coordinates
				Primary				(b) (7)(E)
				Primary				
				Primary				
				Primary				
				Primary				
				Primary				
				Tertiary				
				Existing				
				Primary				Added the coordinates to blank cell
				Primary				(b) (7)(E)
				Primary				Original coordinates updated to shifted coordinates
				Primary or Alternate?				(b) (7)(E)



Approval

Baseline the RGV Sector laydown

_____ as proposed

X _____ Revised

(b)(6); (b)(7)(C) Digitally signed by (b)(6); (b)(7)(C)
DN: c=US, o=U.S. Government, ou=Department
of Homeland Security, ou=CBP, ou=People,
cn=(b)(6); (b)(7)(C)
(b)(6); (b)(7)(C)
Date: 2016.06.08 16:53:18 -05 00

RGV Sector

(b)(6); (b)(7)(C) (b)(6); (b)(7)(C)
(A) Associate Chief
SPAD/ORMD

USBP HQ

6/14/2016

~~FOR OFFICIAL USE ONLY~~

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: RE: re: site (UNCLASSIFIED)
Date: Tuesday, June 21, 2016 10:01:21 AM
Attachments: NON-RESPONSIVE
RE (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED).msg

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)
RGV RVSS Upgrade and AZ C2 Program Manager
United States Border Patrol
Customs and Border Protection
Department of Homeland Security
Office: (b) (6), (b) (7)(C)
Samsung: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, June 20, 2016 6:02 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
(b) (6)
Subject: RE: re: site (UNCLASSIFIED)

(b) (6), (b) (7)(C)

I owe you a correction. I was informed I was provided by you last week. I was on leave so I missed your email.

My apologies, yet the remainder stands minus 1.

We can discuss tomorrow.

Regards,

(b) (6), (b) (7)(C), PMP, CBM

Director

CBP-OA-FM&E-BPFTI

Tactical Infrastructure

Washington, D.C

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Monday, June 20, 2016 5:59:30 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

(b) (6)

Subject: FW: re: site (UNCLASSIFIED)

(b) (6), (b) (7)(C)

I called your 3 phones today to no avail. I realize we are busy. Yet, it would be good to talk.

There is one item that we seem to keep missing and it is the two items below.

Need you concurrence so we can proceed to finish the (b) (7)(E) AE SOW.

Moreover, as of Friday, I am holding any further work on the AE until we get three things from OTIA.

1. The answers to the questions below.
2. The comments back on the (b) (7)(E) AE SOW
3. Approval to proceed with the (b) (7)(E) AE RFP.

The RFP was scheduled to be released last week, yet since we did not get 1 thru 3 from OTIA I made the decision to "pause."

We can discuss this at the PMR tomorrow.

Regards,

(b) (6), (b) (7)(C), PMP, CBM

Director

CBP-OA-FM&E-BPFTI

Tactical Infrastructure

Washington, D.C

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6)
Sent: Monday, June 20, 2016 5:22:43 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: FW: re: site (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

(b) (6), (b) (7)(C)

This is what you sent me on --- 15 June. ---- but it did NOT come from (b) (6), (b) (7)(C). It came from (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C). So it appears we DO NOT have anything from (b) (6), (b) (7)(C) for sites decision below.

(b) (7)(E) Gate Alt - (b) (5). See emails attached.

(b) (7)(E) - memo shows primary as selected site; (b) (5)

Sincerely,

(b) (6)

office (b) (6)
bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, June 15, 2016 6:58 AM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
>
Subject: FW: re: site

FYSA. See attached...

From: (b) (6), (b) (7)(C)
Sent: Wednesday, June 15, 2016 7:54 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: re: site

(b) (6), (b) (7)(C) did you get this? (b) (6), (b) (7)(C) and I were on the phone yesterday and he thought this got sent to us however I do not recall seeing it.

(b) (6), (b) (7)(C), P.E., PMP

SME, TI Division

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management & Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C) (Preferred)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, June 14, 2016 3:12 PM

To: (b) (6), (b) (7)(C)

Subject: re: site

Thanks

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Civil Engineer

Requirements & Architectures Branch

System Analysis & Evaluation Division

Systems Engineering Directorate

Office of Technology Innovation and Acquisition

U.S. Customs and Border Protection (CBP)

1901 S. Bell St., #7-099

Arlington VA 20598

Ofc: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

Note: The Contracting Officer is the sole individual authorized to make changes to the contract on behalf of the Government. The content of this email is not intended to change the existing scope of contract. If the Contractor considers any part of this communication to constitute a change in scope, the Contractor shall notify the Contracting Officer in accordance with FAR Clause 52.243-7, Notifications of Changes.

CLASSIFICATION: UNCLASSIFIED

Office: (b)(6); (b)(7)(C)
BlackBerry: (b)(6); (b)(7)(C)
Cell: 7 (b)(6); (b)(7)(C)
(b)(6); (b)(7)(C)

From: (b)(6); (b)(7)(C)
Sent: Wednesday, June 15, 2016 10:13:07 PM
To: (b) (7)(E)
Cc: (b)(6); (b)(7)(C)
Subject: FW: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

(b)(6); (b)(7)(C)

See below and attached (attached was sent to you this week).

(b) (7)(E) EA award is now a day for day slip cause we are not getting the responses from OTIA in a timely manner.

We are just providing the information as you have requested.

If you would, please provide responses and we will address this thru the schedule.

Thank you,

(b)(6); (b)(7)(C)

-----Original Message-----

From: (b)(6); (b)(7)(C)
Sent: Wednesday, June 15, 2016 6:43 PM
To: (b)(6); (b)(7)(C)
Cc: (b)(6); (b)(7)(C)
Subject: RE: RGV (b) (7)(E) - Required sites for AE RFP (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

(b)(6); (b)(7)(C)

(b) (5), (b)(6); (b)(7)(C); (b)(7)(E)

Sincerely,

(b)(6); (b)(7)(C)

office (b)(6); (b)(7)(C)

bb (b)(6); (b)(7)(C)



RGV Revised Laydown Site Information

	Approved Laydown Site Information				Revised Laydown Site Information			
Station	Site Name	Lat	Long	Proposed Preferred Site	Lat	Long	Proposed Preferred Site	Justification
(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	Alternate	(b) (5), (b) (7)(E)	(b) (7)(E)	(b) (7)(E)	Administrative Error on the Coordinates
				Primary				(b) (7)(E)
				Primary				
				Primary				
				Primary				
				Primary				
				Primary				
				Tertiary				
				Existing				
				Primary				
				Primary				
				Primary or Alternate?				Added the coordinates to blank cell
(b) (7)(E)								
Original coordinates updated to shifted coordinates								
(b) (7)(E)								



Approval

Baseline the RGV Sector laydown

_____ as proposed

X _____ Revised

(b)(6); (b)(7)(C)

Digitally signed by (b)(6); (b)(7)(C)
DN: c=US, o=U.S. Government, ou=Department
of Homeland Security, ou=CBP, ou=People,
cn=(b)(6); (b)(7)(C)
(b)(6); (b)(7)(C)
Date: 2016.06.08 16:53:18 -05 00

RGV Sector

(b)(6); (b)(7)(C)

USBP HQ

(b)(6); (b)(7)(C)

(A) Associate Chief
SPAD/ORMD

6/14/2016

FOR OFFICIAL USE ONLY

From: (b) (6)
To: (b) (6), (b) (7)(C)
(b) (6) (b) (6) (b) (6)
(b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: CIR Fence IPT - Draft Charter
Date: Wednesday, May 11, 2016 11:30:03 AM
Attachments: [draft replacement fence charter v1 0 EPE comments 11 MAY 2016.docx](#)

(b) (6), (b) (7)

Good charter. Please see attached where I made a few comments for consideration.

Respectfully,

(b) (6), (b) (7)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 11, 2016 8:51 AM
To: (b) (6), (b) (7)(C)
(b) (6)
(b) (6)
(b) (6), (b) (7)(C)
(b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: [EXTERNAL] RE: CIR Fence IPT - Draft Charter

All-please see attached a draft charter for the CIR IPT. I plan to discuss during our kick-off meeting on Monday. Also planning to send out a draft outline for the PMP later this week. Stand by.

(b) (6), (b) (7)

-----Original Appointment-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 28, 2016 10:21 AM
To: (b) (6), (b) (7)(C)
(b) (6) (b) (6) (b) (6), (b) (7)(C) (b) (6)
(b) (6) (b) (6) (b) (6), (b) (7)(C)
Subject: CIR IPT Kick Off Meeting
When: Monday, May 16, 2016 1:00 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: CR TBD / (b) (7)(E)

4/28- per (b) (6), (b) (7)(E) request, kickoff meeting for IPT/follow up to 4/12.

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Bollard procurement (UNCLASSIFIED)
Date: Wednesday, February 27, 2013 8:19:34 AM

(b) (6), (b) (7)(C)

Can you take care of this on Monday? I'll be flying in around 11pm that night and need to spend all day Tuesday and whatever time we can on Wednesday to transition your responsibilities in EPT before outprocessing you Weds.

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Branch Chief – TI Division Projects, Maintenance and Repair
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, February 26, 2013 4:00 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Fw: Bollard procurement (UNCLASSIFIED)

Can you support one truck on Monday or Tuesday?

----- Original Message -----

From: (b) (6)
Sent: Tuesday, February 26, 2013 05:14 PM Eastern Standard Time
To: (b) (6) (b) (6), (b) (7)(C) (b) (6)
Cc: (b) (6)
Subject: RE: Bollard procurement (UNCLASSIFIED)

All,

(b) (6) and I met at the site today. We agreed to construct the panels (b) (5), (b) (7)(E)

(b) (5), (b) (7)(E)

(b) (6), (b) (7)(C)

We can transport the bollards as soon as next week. Please confirm a pick up date with CBP. Thank you all for the quick response in these matters.

Thank You,

(b) (6)

CJW Construction Inc.
841 E. Washington Ave. Ste B
Santa Ana, CA 92701

(b) (6), (b) (7)(C) P

(b) (6), (b) (7)(C) F

(b) (6), (b) (7)(C) C

-----Original Message-----

From: (b) (6)

Sent: Monday, February 25, 2013 9:35 PM

To: (b) (6), (b) (7)(C) (b) (6) (b) (6)

Cc: (b) (6)

Subject: RE: Bollard procurement (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Gents,

The original RFP did not include any Govt Furnished Materials. At the time, it was the understanding that our Douglas Fence Ph 3 project had exhausted all supplies of bollards. It was only subsequently during negotiations with CJW that it was found that there were additional bollards remaining at Fabens, at least enough to do 115'. (As previously known, no flat plate and bar stock was available). As a means of getting the costs down on CJW's bid, bollards were offered as available as GFM. I remember this discussion well because CJW discussed whether buying the materials much closer or even buying the pre-fabbed panels from Granite would possibly be cheaper than loading and line-hauling "free" bollards from El Paso, TX. In the end CJW decided to accept BGM bollards and that item on their bid was "lined through" (marked out). There is still other metal materials for the fence panels remaining in their cost proposal which I assume accounted for plate, bar, and angles. Of note, this was not made a part of the contract and is not in there (I checked).

CBP is still making available the bollards to CJW which is obviously good news, and by far the most costly material for the fabrication of the fence panels. However, the other metal materials were not offered (because there are none), CJW only removed the bollard price from their bid, and the GFM provision was not written into the final contract.

I'm sorry to be the bearer of bad news, but it appears that CJW needs to procure the plate, bars and angles.

Looking back over the e-mail, I see the following:

"As per the conversation on 2-4-13 the Government confirmed to supply with all the metal materials needed to construct the fence."

I am unaware of the origin of this statement and apologize if there was a misunderstanding.

If additional discussions are warranted, please contact me ASAP. I will be at the Andrade project site at around 11am tomorrow.

(b) (6)

(b) (6)

Western Region Program Manager
ECSO, TI Branch
USACE Fort Worth District
office (b) (6)

bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Monday, February 25, 2013 1:21 PM

To: (b) (6); (b) (6)

Cc: (b) (6)

Subject: RE: Bollard procurement

(b) (6) the only material we have is the bollards. I'm copying (b) (6) on this from USACE to address the remainder/negotiations

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6)

Sent: Monday, February 25, 2013 2:14 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: RE: Bollard procurement

(b) (6), (b) (7)(C)

Here is confirmed list of each panel:

- * 2 - 6 x 6 x 3/16 x 20' 6" Bollards
- * 6 - 6 x 6 x 3/16 x 16' 6" Bollards
- * 2 - 4 x 4 x 1/4 x 8' 1-metal strips
- * 1 - 5 x 8 x 1/8 sheet metal panel
- * 1 - 4 x 1/2" x 7' flat metal strip
- * 8 - 6 x 6 top caps (picture included)

Totals-

- * 30 - 6 x 6 x 3/16" x 20' 6" Bollards
- * 90 - 6 x 6 x 3/16" x 16' 6" Bollards
- * 30 - 4 x 4 x 1/4" x 8' 1-metal strips
- * 15 - 5 x 8 x 1/8" sheet metal panel
- * 15 - 4 x 1/2" x 7' flat metal strip
- * 120 - 6 x 6 top caps (picture included)

(b) (5), (b) (7)(E)

Thank You,

(b) (6)

CJW Construction Inc.

841 E. Washington Ave. Ste B

Santa Ana, CA 92701

(b) (6) P

(b) (6) F

(b) (6) C

From: (b) (6), (b) (7)(C)

Sent: Friday, February 22, 2013 8:10 AM

To: (b) (6)

Cc: (b) (6), (b) (7)(C); (b) (6)

Subject: Re: Bollard procurement

Ok, 18 is workable

From: (b) (6)

Sent: Friday, February 22, 2013 11:05 AM Eastern Standard Time

To: (b) (6), (b) (7)(C); (b) (6)

Cc: (b) (6), (b) (7)(C); (b) (6)

Subject: RE: Bollard procurement

(b) (6), (b)

We are not on site today. I will field verify on Monday. (b) (5)

(b) (5), (b) (7)(E)
(b) (5), (b) (7)(E) I will confirm on Monday am. Thank you for the quick response.

Thank You,

(b) (6)

CJW Construction Inc.

841 E. Washington Ave. Ste B

Santa Ana, CA 92701

(b) (6) P

(b) (6) F

(b) (6) C

From: (b) (6), (b) (7)(C)

Sent: Friday, February 22, 2013 5:12 AM

To: (b) (6) (b) (6)

Cc: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)

Subject: RE: Bollard procurement

(b) (6) (b) (6) and I talked last night and he gave me the same numbers as you.

(b) (5), (b) (7)(E)

If all are in agreement with these numbers, I'll work with (b) (6), (b) (7)(C) on lead time for setting up the pickup. Please confirm the RFP has CJW responsible for fork and loading crew.

thanks

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6)
Sent: Friday, February 22, 2013 8:04 AM

To: (b) (6), (b) (7)(C) (b) (6)

Cc: (b) (6), (b) (7)(C) (b) (6)

Subject: RE: Bollard procurement

(b) (6), (b) (7)(C)

I believe we should get the "official" distance requirement from the contractor, so (b) (6) should confirm. The design has changed a little bit, but the latest drawings I have indicate the new fence extends from (b) (7)(E) to (b) (7)(E) for a total distance of (b) (5), (b) (7)(E) feet, but definitely (b) (5), (b) (7)(E) feet unless I'm missing a contractor requirement.

(b) (6), PE, CCE, PMP

http://www.lmi.org/images/emailSignature/LMI_logo.jpg

2000 Corporate Ridge
McLean, VA 22102-7805

(b) (6) P

Complex Problems. Practical Solutions.
www.lmi.org <<http://www.lmi.org/>>

From: (b) (6)

Sent: Thursday, February 21, 2013 4:36 PM

To: (b) (6)

Cc: (b) (6), (b) (7)(C) (b) (6)

Subject: RE: Bollard procurement

(b) (6)

I believe the only items we are to provide is the bollards. I believe the original distance given to me is (b) (5), (b) (6) feet. (b) (6), please concur or correct). They are available at the Fabens storage yard in Fabens TX.

(b) (6), (b) (7)(C) will be helping me coordinate this. If I remember, you were to provide the lift which has to be an RT given the sand at this lot.

(b) (6), (b) (7)(C) normally needs two weeks but might be able to do lesss if you are providing the lift. You'll need two flatbeds each with dunnage for 200 pieces. They are actually bundled at 16 pc per bundle and we provide full bundles.

Let me coordinate with (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) on this and get back with you in morning.

thanks

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6)
Sent: Thursday, February 21, 2013 4:24 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: FW: Bollard procurement

(b) (6), (b)

Thanks for the call back. Sorry for the inconvenience, but I need the following:

- * List of materials supplied
- * Lead time to set pickup
- * Protocol for driver and forklift (License, ins, etc.)
- * Address and contact at storage yard.

We are currently working on the site and would like to procure the materials ASAP, thanks.

I appreciate all the help!!!

Thank You,

(b) (6)

CJW Construction Inc.

841 E. Washington Ave. Ste B

Santa Ana, CA 92701

(b) (6) P

(b) (6) F

(b) (6) C

_____ Information from ESET NOD32 Antivirus, version of virus signature database 6940 (20120305) _____

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

_____ Information from ESET NOD32 Antivirus, version of virus signature

From: (b) (6), (b) (7)(C)
To: (b) (6)
Subject: Re: Cost Estimation Tool (UNCLASSIFIED)
Date: Thursday, April 18, 2013 1:07:03 PM

Ok. Let me know when...

----- Original Message -----

From: (b) (6)
Sent: Thursday, April 18, 2013 01:05 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Cost Estimation Tool (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Probably need to discuss how you want us to fund the estimator support moving forward.

(b) (6)
TI Branch Chief
USACE - ECSO
(b) (6)
BB: (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 18, 2013 12:03 PM
To: (b) (6)
Subject: Re: Cost Estimation Tool (UNCLASSIFIED)

Thanks.

----- Original Message -----

From: (b) (6)
Sent: Thursday, April 18, 2013 01:01 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Cost Estimation Tool (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

On track to have initial ROMs (with caveats) by early tomorrow morning. Will continue to refine with whatever time is available.

(b) (6)
TI Branch Chief
USACE - ECSO
(b) (6)
BB: (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 18, 2013 11:57 AM

To: (b) (6)
Subject: Fw: Cost Estimation Tool

Please see the entire string.... We are now on the hook.

If they set up a meeting to discuss process and have you in the call.

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 18, 2013 12:54 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Cost Estimation Tool

On the first, we would appreciate it.

On the second. Thank you.

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 18, 2013 12:52 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Cost Estimation Tool

We owe you guys a brief on our larger process as well.

We'll push out a NLT date asap.

Thanks

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 18, 2013 12:26 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Cost Estimation Tool

Ok. I was able to unravel what happened.

(b) (5)

(b) (5)

Thank you.

From: (b) (6), (b) (7)(C)

Sent: Thursday, April 18, 2013 9:14 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Cost Estimation Tool

Folks,

We need a ROM. We need this because we have a requirement to conduct an analysis of alternatives. We do this to help create our TI mission needs that we send to you. I believe that process has existed since 2009.

Please feel free to reference HR House Appropriations Bill (H.R. 2638) "CBP is directed to comply with specifications in the House report for the conduct of analyses of alternatives for effective control of the border, as well as to ensure that CBP identifies and evaluates alternatives proposed by stakeholders as potential substitutes for tactical infrastructure."

Our branch has not been made aware of any changes to this requirement so our assumption is that it still stands.

If a ROM or what we need to support this effort does not exist at FM&E let us know and we will inquire elsewhere.

It is my recommendation that we have a joint list that is updated consistently. We are asking OTIA for a similar list.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 18, 2013 9:01 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Cost Estimation Tool

Sure...Come see me. Thanks.

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 18, 2013 08:55 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Cost Estimation Tool

(b) (6), (b) (7)(C)

I don't need the tool I just need the ROMs. I will follow up with (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 18, 2013 8:39 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Cost Estimation Tool

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, April 16, 2013 1:39 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Cost Estimation Tool

(b) (6), (b) (7)(C)

Thanks. (b) (5)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, April 16, 2013 1:37 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Cost Estimation Tool

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)

CTR-LMI

BPFTI PMO

OF: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Tuesday, April 16, 2013 1:00 PM

To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Cost Estimation Tool

(b) (6), (b) (7)(C)

FM&E used a cost estimation tool to support the Naco Fence Replacement cost estimate brief to Ops Division a few months ago. FM&E was able to use this tool to generate a unit cost for fence replacement in the project area. (b) (5)

Thanks.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Director-Border Patrol TI

SPPA-ORMB

Headquarters Border Patrol

(b) (6), (b) (7)(C) Office

(b) (6), (b) (7)(C) BB

(b) (6), (b) (7)(C)

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

From: (b) (6), (b) (7)(C) .
To: (b) (6), (b) (7)(C)
Subject: FW: Andrade Fence Repair Daily Report (UNCLASSIFIED)
Date: Wednesday, April 10, 2013 8:56:13 AM

You OK with this? (b) (6), (b) (7) never responded to (b) (6), (b) (7) so I tried to help :)

(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (w)
(b) (6), (b) (7)(C) (bberry)
(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, April 09, 2013 5:17 PM
To: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

That works, thanks!

Respectfully,

(b) (6), (b) (7)(C)
Program Manager T.I M/R
Program Management Office
Facilities Management and Engineering
Yuma & El Centro Sectors
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, April 09, 2013 3:11 PM
To: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: Andrade Fence Repair Daily Report (UNCLASSIFIED)

I believe it goes to the government official so for andrade, that would probably be (b) (6), (b) (7)(C). Both would have the address of:

1301 Constitution Ave NW
Washington, DC 22029

(b) (6), (b) (7)(C)
BPFTI PMO
(b) (6), (b) (7)(C)

----- Original Message -----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, April 09, 2013 04:46 PM

To: (b) (6) (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Not yet, let me ping another person.....stand by.....

(b) (6), (b) (7)(C)

Please see below: Who do we need to address the Beneficial Occupancy Date document/letter to?

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R
Program Management Office
Facilities Management and Engineering
Yuma & El Centro Sectors
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6)
Sent: Monday, April 08, 2013 8:12 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6), (b) (7)(C)

Have you found out who to send the BOD letter to?

(b) (6)
Construction Representative
El Centro Field Office
Road Runner Resident Office
Los Angeles District
US Army Corps of Engineers
1850 W Main St, Ste F
El Centro, CA 92243

Office: (b) (6)
Cell: (b) (6)
Fax: (b) (6)
email: (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 04, 2013 7:57 AM
To: (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

(b) (6)

Let me check on that question.

(b) (6), (b) (7)(C)

Who should we address the letter to?

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R
Program Management Office
Facilities Management and Engineering
Yuma & El Centro Sectors
Office (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6)
Sent: Thursday, April 04, 2013 7:44 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)(C)

Sorry I didn't have time yesterday once I got back. I just sent it out. I am going to do the Beneficial Occupancy Date document (BOD) today. Who do I address the letter to for the CBP? Most of the letters I do for the EC Sector go to Lauguna Nigel.

(b) (6)

Construction Representative
El Centro Field Office
Road Runner Resident Office
Los Angeles District
US Army Corps of Engineers
1850 W Main St, Ste F
El Centro, CA 92243

Office: (b) (6)
Cell: (b) (6)
Fax: (b) (6)
email: (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 03, 2013 3:59 PM
To: (b) (6); (b) (6)
Cc: (b) (6), (b) (7)(C).
Subject: Re: Andrade Fence Repair Daily Report (UNCLASSIFIED)

(b) (6)

Can we please get a copy of the sign in sheet from today's walk through?

Thank you Sir!

Respectfully,

(b) (6), (b) (7)(C)

Program Manager TI M/R
Program Management Office
Yuma and El Centro Sector
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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----- Original Message -----

From: (b) (6)

Sent: Monday, April 01, 2013 03:34 PM

To: (b) (6)

(b) (6), (b) (7)(C)

(b) (6)

Cc: (b) (6)

(b) (6), (b) (7)(C)

(b) (6)

(b) (6), (b) (7)(C)

(b) (6)

Subject: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Gentlemen:

Here is my last daily on the Andrade Fence Repair with photos. As you can see by the one photo the fence is standing on its own without any support. We are still set to conduct the final inspection on 3 April at 1000.

(b) (6)

Construction Representative
El Centro Field Office
Road Runner Resident Office
Los Angeles District
US Army Corps of Engineers
1850 W Main St, Ste F
El Centro, CA 92243

Office: (b) (6)

Cell: (b) (6)

Fax: (b) (6)

email: (b) (6)

Classification: UNCLASSIFIED

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: Funds for Round 5 (UNCLASSIFIED)
Date: Thursday, June 13, 2013 10:07:40 AM

Classification: UNCLASSIFIED
Caveats: NONE

(b) (5)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, June 13, 2013 8:26 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: Funds for Round 5 (UNCLASSIFIED)

(b) (6), (b) (7)(C)

Just so that we are on the same page. (b) (5)

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6)
Sent: Thursday, June 13, 2013 8:30 AM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Subject: RE: Funds for Round 5 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Contracting was made award of the Congressional notification yesterday afternoon and is working on the award.
We will send you an award schedule this morning. Working on reviewing the O&M funds.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, June 13, 2013 7:11 AM
To: (b) (6), (b) (7)(C)

Cc: (b) (6) (b) (6), (b) (7)(C) (b) (6)
(b) (6), (b) (7)(C)

Subject: Funds for Round 5

Importance: High

(b) (6), (b) (7)(C):

Once again thank you for working with BPFTI in working out a good solution for the award of MATOC contracts supporting TI.

(b) (5)

(b) (5).

Also, we would appreciate a time line for when Tucson Fence and Roads will be awarded.

If you have any questions, please feel free to contact me immediately.

Thank you,

(b) (6), (b) (7)(C), CBM, PMP

Division Director, TI Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

1301 Constitution Ave. NW, Suite B-155

Washington, DC 20004

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Re: SDC Surf Fence - Discussion with (b) (6) (Granite) (UNCLASSIFIED)
Date: Monday, June 17, 2013 9:14:02 PM

Wow. Try to get some rest.

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Monday, June 17, 2013 08:25 PM
To: (b) (6), (b) (7)(C)
Subject: Re: SDC Surf Fence - Discussion with (b) (6) (Granite) (UNCLASSIFIED)

I landed in San Diego about 45 mins ago...Missed all my meeting today, but (b) (6), (b) (7)(C) met with (b) (6), (b) (7)(C), and (b) (6), because he flew in last night. We are going to have a conference call tomorrow to catch up with SDC - ill be with (b) (6), (b) (7)(C) in ELC.

16 hours to make it here from the time I work up this morning in VA. Waiting for (b) (6) to land - he wasn't able to be rescheduled to my flight. Then we are driving to El Centro.

Longest trip for work I have had by far and still not done.

At least the weather is nice!

(b) (6), (b) (7)(C), PMP
Program Manager for Projects and Milcon
BPFTI PMO FM&E
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Sent via Blackberry

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Monday, June 17, 2013 08:00 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: RE: SDC Surf Fence - Discussion with (b) (6) (Granite) (UNCLASSIFIED)

Ahhhh..ok. Thanks, I take it you got to AZ. By the way, (b) (6), (b) (7)(C) is on the look out...

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Monday, June 17, 2013 7:33 PM
To: (b) (6), (b) (7)(C)
Subject: Re: SDC Surf Fence - Discussion with (b) (6) (Granite) (UNCLASSIFIED)

(b) (5)

(b) (5)

(b) (6), PMP
Program Manager for Projects and Milcon BPFTI PMO FM&E
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Sent via Blackberry

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Monday, June 17, 2013 07:26 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: Re: SDC Surf Fence - Discussion with (b) (6) (Granite) (UNCLASSIFIED)

What is the issue??

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Monday, June 17, 2013 06:59 PM
To: (b) (6), (b) (7)(C) | (b) (6)
Subject: Fw: SDC Surf Fence - Discussion with (b) (6) (Granite) (UNCLASSIFIED)

FYSA.. (b) (5)

(b) (6), (b) (7)(C), PMP
Program Manager for Projects and Milcon BPFTI PMO FM&E
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Sent via Blackberry

----- Original Message -----

From: (b) (6)
Sent: Monday, June 17, 2013 04:36 PM Eastern Standard Time
To: (b) (6) | (b) (6), (b) (7)(C)
Cc: (b) (6) | (b) (6), (b) (7)(C)
Subject: FW: SDC Surf Fence - Discussion with (b) (6) (Granite) (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Hello (b) (6), (b) (7)(C) and (b) (6)

(b) (5)

(b) (5)

Will keep you updated on progress - (b) (5).

Sincerely,

(b) (6)

, PMP, LEED AP (BD&C)

Project Manager (Contractor, Invictus, LLC) U.S. Army Corps of Engineers Los Angeles District

(b) (6), (b) (7)(C) (cell)

(b) (6)

-----Original Message-----

From: (b) (6)

Sent: Friday, June 14, 2013 4:44 PM

To: (b) (6)

Cc: (b) (6)

Subject: Discussion with (b) (6) (Granite)

Importance: High

(b) (6), (b) (7)(C)

(b) (5)

(b) (6), (b) (7)(C)

Project Engineer

San Diego Resident Office

Los Angeles District

U.S. Army Corps of Engineers

8775 Aero Drive Suite 232

San Diego, CA 92123

Off: (b) (6)

Cell: (b) (6)

-----Original Message-----

From: (b) (6)

Sent: Friday, June 14, 2013 3:08 PM

To: (b) (6)

Subject: Scanned Document

Please see the attached document.

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: 24 JUL CIR Planning Ph II Budget Planning 130722 (UNCLASSIFIED)
Date: Tuesday, July 23, 2013 7:40:42 PM
Attachments: [CIR Ph II Budget Roll-up \(22 JUL\) Environmental Costs 072213.xlsx](#)

(b) (6), (b) (7)(C) (b) (5)

Thank you.

-----Original Message-----

From: (b) (6)
Sent: Monday, July 22, 2013 8:36 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: 24 JUL CIR Planning Ph II Budget Planning 130722 (UNCLASSIFIED)

(b) (5)

(b) (6)
Senior Consultant

LMI
2000 Corporate Ridge
McLean, VA 22102
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

Complex Problems. Practical Solutions.
www.lmi.org

-----Original Message-----

From: (b) (6)
Sent: Monday, July 22, 2013 10:43 AM
To: (b) (6), (b) (7)(C)
(b) (6)
(b) (6), (b) (7)(C) (b) (6)

(b) (6)
Cc: (b) (6), (b) (7)(C)
(b) (6); (b) (6), (b) (7)(C); (b) (6)
Subject: S: 24 JUL CIR Planning Ph II Budget Planning 130722 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Team,

BLUF. Please populate Budget Roll-Up tab and return by COB Wed (24 JUL).

As discussed last Friday, attached is a budget planning matrix (first Tab "Budget Roll-Up"). This document is intended to:

1. Organize Sectors from West to East;
2. Show States to facilitate risk/cost characterization;
3. Provide consolidation of budget drivers (Construction, Real Estate, Environmental, Design, PgM/PM, and Construction Oversight).

Functional Leads. Please populate budget cells and return to myself and (b) (6) by COB 24 JUL. Please also provide any suggestions on improving layout/presentation of this information.

Goal is to incorporate into draft presentation for review during this week's IPR.

Thank you,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)
TI Branch Chief
USACE - ECSO
(b) (6), (b) (7)(C)
BB: (b) (6), (b) (7)(C)

Classification: UNCLASSIFIED
Caveats: NONE

Based Upon Notional Requirements

(b) (5)

(b) (5)

(b) (5)

ESTIMATED ENVIRONMENTAL COSTS

(b) (5)

(b) (5)

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)
Date: Tuesday, March 26, 2013 4:09:24 PM

Yes Sir it is. (b) (5)

(b) (5)
?

Respectfully,

(b) (6), (b) (7)(C)
Program Manager T.I M/R
Program Management Office
Facilities Management and Engineering
Yuma & El Centro Sectors
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 26, 2013 1:02 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Ok...I need to see them again and is this a priority for BP?

(b) (6), (b) (7)(C), CBM, PMP
Division Director, TI Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering
1301 Constitution Ave. NW, Suite B-155
Washington, DC 20004
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, March 26, 2013 3:59 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Sir,

I will have final pics this afternoon after the last concrete truck leaves.

The requested funds for Phase II & III are in my weekly report. Those are the numbers from (b) (6)

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R
Program Management Office
Facilities Management and Engineering
Yuma & El Centro Sectors

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 26, 2013 12:55 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

I would like pics please. Also, how much are we talking about?

(b) (6), (b) (7)(C), CBM, PMP

Division Director, TI Division

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

1301 Constitution Ave. NW, Suite B-155

Washington, DC 20004

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, March 26, 2013 3:54 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: FW: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Sirs,

Last section of fence was installed today and all concrete will be poured. CJW will spend the rest of the week cleaning up and helping us secure the sections of fence that need additional support (Phase II & III sections). We have a final walk through inspection scheduled for Wednesday (04/03/13) next week at 1000.

The funding for the Phase II & III is in our back log, (b) (5)

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R
Program Management Office

Facilities Management and Engineering
Yuma & El Centro Sectors
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6)
Sent: Tuesday, March 26, 2013 12:26 PM
To: (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6)
Subject: Re: Andrade Fence Repair Daily Report (UNCLASSIFIED)

The last fence panel was set in place at 1215 and concrete for the footings will go in at 1300.

----- Original Message -----

From: (b) (6)
Sent: Tuesday, March 26, 2013 07:50 AM
To: (b) (6); (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED) >

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6)

(b) (6) and I would probably be available on Wednesday, 3 April. I have a project mtg in Tucson on Tuesday and (b) (6) and I have a mtg in El Centro on Thursday.

(b) (6)

(b) (6)
Western Region Program Manager
ECSO, TI Branch
USACE Fort Worth District
office (b) (6), (b) (7)(C)
bb (b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)
Sent: Monday, March 25, 2013 6:40 PM
To: (b) (6); (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6)
Subject: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Gentlemen:

Here is the daily report with photos.

(b) (6) was suppose to come out this week but his schedule was changed to next week. Since the contractor is looking to be complete with the fence on 1 April, I was wondering if we could schedule a final inspection for either 3 or 4 April when (b) (6) will be on site. Do these dates work for everybody?

(b) (6)
Construction Representative
El Centro Field Office
Road Runner Resident Office
Los Angeles District
US Army Corps of Engineers
1850 W Main St, Ste F
El Centro, CA 92243

Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
Fax: (b) (6), (b) (7)(C)
email: (b) (6)

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Re: Andrade Fence Repair Daily Report (UNCLASSIFIED)
Date: Wednesday, April 10, 2013 6:35:48 PM

Thank you. As (b) (6), (b) (7) says "even if we need to drag him thru the finish line."

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 10, 2013 03:21 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Me too - we will definitely engage him

(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (w)
(b) (6), (b) (7)(C) (bberry)
(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 10, 2013 1:44 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Outstanding. Please engage (b) (6), (b) (7) and have him part of the process. I thought we had a very good meeting yesterday...

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 10, 2013 2:43 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

No problem - also, I just talked to (b) (6), (b) (7)(C) and she will start contacting your folks to document a process for the wage grade work tracking we discussed yesterday.

(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (w)
(b) (6), (b) (7)(C) (bberry)
(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 10, 2013 1:26 PM
To: (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

You are more than kind....Thank you.

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Wednesday, April 10, 2013 8:56 AM

To: (b) (6), (b) (7)(C)

Subject: FW: Andrade Fence Repair Daily Report (UNCLASSIFIED)

You OK with this? (b) (6), (b) (7) never responded to (b) (6), (b) (7) so I tried to help :)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C) (bberry)

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, April 09, 2013 5:17 PM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

That works, thanks!

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R

Program Management Office

Facilities Management and Engineering

Yuma & El Centro Sectors

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, April 09, 2013 3:11 PM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: Re: Andrade Fence Repair Daily Report (UNCLASSIFIED)

I believe it goes to the government official so for andrade, that would probably be (b) (6), (b) (7)(C). Both would have the address of:

1301 Constitution Ave NW

Washington, DC 22029

(b) (6), (b) (7)(C)

BPFTI PMO

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

----- Original Message -----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, April 09, 2013 04:46 PM

To: (b) (6); (b) (6), (b) (7)(C)

Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Not yet, let me ping another person.....stand by.....

(b) (6), (b) (7)(C)

Please see below: Who do we need to address the Beneficial Occupancy Date document/letter to?

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R
Program Management Office
Facilities Management and Engineering
Yuma & El Centro Sectors
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6)
Sent: Monday, April 08, 2013 8:12 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)(C)

Have you found out who to send the BOD letter to?

(b) (6)

Construction Representative
El Centro Field Office
Road Runner Resident Office
Los Angeles District
US Army Corps of Engineers
1850 W Main St, Ste F
El Centro, CA 92243

Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
Fax: (b) (6), (b) (7)(C)
email: (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 04, 2013 7:57 AM
To: (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

(b) (6)

Let me check on that question.

(b) (6), (b) (7)

Who should we address the letter to?

Respectfully,

(b) (6), (b) (7)(C)

Program Manager T.I M/R
Program Management Office
Facilities Management and Engineering
Yuma & El Centro Sectors
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6)
Sent: Thursday, April 04, 2013 7:44 AM
To: (b) (6), (b) (7)(C).
Subject: RE: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)

Sorry I didn't have time yesterday once I got back. I just sent it out. I am going to do the Beneficial Occupancy Date document (BOD) today. Who do I address the letter to for the CBP? Most of the letters I do for the EC Sector go to Lauguna Nigel.

(b) (6)

Construction Representative
El Centro Field Office
Road Runner Resident Office
Los Angeles District
US Army Corps of Engineers
1850 W Main St, Ste F
El Centro, CA 92243

Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)
Fax: (b) (6), (b) (7)(C)
email: (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 03, 2013 3:59 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C).
Subject: Re: Andrade Fence Repair Daily Report (UNCLASSIFIED)

(b) (6)

Can we please get a copy of the sign in sheet from today's walk through?

Thank you Sir!

Respectfully,

(b) (6), (b) (7)(C)

Program Manager TI M/R
Program Management Office
Yuma and El Centro Sector
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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----- Original Message -----

From: (b) (6)

Sent: Monday, April 01, 2013 03:34 PM

To: (b) (6)

(b) (6), (b) (7)(C)

(b) (6)

Cc:

(b) (6)

>; (b) (6), (b) (7)(C)

;

(b) (6)

>; (b) (6), (b) (7)(C);

(b) (6)

Subject: Andrade Fence Repair Daily Report (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Gentlemen:

Here is my last daily on the Andrade Fence Repair with photos. As you can see by the one photo the fence is standing on its own without any support. We are still set to conduct the final inspection on 3 April at 1000.

(b) (6)

Construction Representative
El Centro Field Office
Road Runner Resident Office
Los Angeles District
US Army Corps of Engineers
1850 W Main St, Ste F
El Centro, CA 92243

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

Fax: (b) (6), (b) (7)(C)

email: (b) (6)

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: W9126G-13-C-0002 Andrade Primary Fence Repair, Occupancy and Transfer of Property
Date: Thursday, April 11, 2013 8:44:54 AM

Ok. What about TECO???

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 11, 2013 8:37 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: W9126G-13-C-0002 Andrade Primary Fence Repair, Occupancy and Transfer of Property

It is currently be populated in FITT and then we can take this action. (b) (6), (b) (7)(C) is working with the USACE to catch up on this action.

(b) (6), (b) (7)(C), PMP
Project Manager, TI Project Division
BPFTI PMO FM&E
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)

Sent via Blackberry

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Thursday, April 11, 2013 08:05 AM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)
Subject: Re: W9126G-13-C-0002 Andrade Primary Fence Repair, Occupancy and Transfer of Property

Outstanding!!! We will need to close this out in FITT and Teco.

Please work with either (b) (6), (b) (7)(C) or (b) (6), (b) (7)(C) on how to Teco.

I would this closed out by the end of the week.

Thank you.

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, April 10, 2013 11:32 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subject: Fw: W9126G-13-C-0002 Andrade Primary Fence Repair, Occupancy and Transfer of Property

FYA

Respectfully,
(b) (6), (b) (7)(C)

Program Manager TI M/R
Program Management Office
Yuma and El Centro Sector
Office: (b) (6), (b) (7)(C)
Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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----- Original Message -----

From: (b) (6)

Sent: Wednesday, April 10, 2013 05:07 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: Re: W9126G-13-C-0002 Andrade Primary Fence Repair, Occupancy and Transfer of Property

Gentlemen please pass this correspondence on to (b) (6), (b) (7)(C). Attached is the Occupancy and Transfer of Property Letter from USACE and its contractor, CJW Construction Inc. back to Customs and Border Protection effective 3 April, 2013. We have scheduled three warranty inspections, the first in August, 2013, the second in January, 2014, and a final inspection in April, 2014. I will send out remainders when these inspections come due. I appreciate your support and cooperation in bringing this project to a successful closure and end.

(b) (6)

Project Engineer/COR
AZ/NV Area Office
LA Dist. USACE
3636 North Central Avenue
Suite, 500
Phoenix, AZ 85012-1939
(O) (b) (6), (b) (7)(C)
(M) (b) (6), (b) (7)(C)
(F) (b) (6), (b) (7)(C)

(b) (6)

From: (b) (6), (b) (7)(C)
To: (b) (6)
Subject: Fw: Question about road from (b) (7)(E) (UNCLASSIFIED)
Date: Thursday, August 06, 2015 9:47:17 AM

(b) (6), (b) (7)(C).can we get help? Thanks.

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 06, 2015 09:45 AM
To: (b) (6)
Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: Fw: Question about road from (b) (7)(E) (UNCLASSIFIED)

(b) (6) please reach out to the alaska design team - it appears they'll need more resources to meet current timelines and closeout of the 100%.

(b) (6), (b) (7)(C), PMP, LEED BD&C
Program Manager
BPFTI PMO Towers
BB: (b) (6), (b) (7)(C)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Thursday, August 06, 2015 08:41 AM
To: (b) (6), (b) (7)(C)
Subject: FW: Question about road from (b) (7)(E) (UNCLASSIFIED)

(b) (6), (b) (7)(C)
As discussed.
Thanks,
(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP
TI SME, BPFTI
LMI Government Consulting
BB: (b) (6), (b) (7)(C)
Telework: Tuesdays and Fridays

-----Original Message-----

From: Geppert, Steven M POA [<mailto:Steven.M.Geppert@usace.army.mil>]
Sent: Wednesday, August 05, 2015 9:42 PM
To: (b) (6), (b) (7)(C) Alley, Mike W POA
Cc: (b) (6)
Subject: RE: Question about road from (b) (7)(E) (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6) will not be back until the 19th of August. I did talk to him and he said it would be very time consuming to respond to all the comments (He has done some of them). He is going to try and call you. I recommend we do the August 10 design review for the TNR only and you can schedule a separate design review with (b) (6) I will be out

of the country from 14 August to 28 August.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, August 05, 2015 8:19 AM
To: Geppert, Steven M POA; Alley, Mike W POA
Cc: (b) (6)
Subject: [EXTERNAL] Re: Question about road from (b) (7)(E) (UNCLASSIFIED)

Steve/Mike,

I just left you a message on this - what is the status of the DR Checks backcheck? As I relayed to (b) (6) below, I am concerned about the August 10 design review.

Thanks,

(b) (6), (b) (7)(C)

----- Original Message -----

From: Geppert, Steven M POA [<mailto:Steven.M.Geppert@usace.army.mil>]
Sent: Monday, August 03, 2015 09:13 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Question about road from (b) (7)(E) (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Understood, (b) (6) will have to look at that when he gets in.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Monday, August 03, 2015 4:41 AM
To: Geppert, Steven M POA
Subject: [EXTERNAL] RE: Question about road from (b) (7)(E) (UNCLASSIFIED)

Steve,

(b) (5)

Thanks,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

-----Original Message-----

From: Geppert, Steven M POA [<mailto:Steven.M.Geppert@usace.army.mil>]

Sent: Friday, July 31, 2015 5:56 PM

To: (b) (6), (b) (7)(C)

Subject: RE: Question about road from (b) (7)(E) (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Here is the Dr. Checks report with feedback.

-----Original Message-----

From: (b) (6)]

Sent: Friday, July 31, 2015 12:19 PM

To: Geppert, Steven M POA

Cc: Alley, Mike W POA

Subject: [EXTERNAL] RE: Question about road from (b) (7)(E) (UNCLASSIFIED)

Steve,

Ok, thank you. OTIA said that they are not going to review the drawings until they have the Dr. Checks report with the designer feedback, thus the urgency.

Mike,

If you can provide and ETA for me when you get in on Monday I would appreciate it.

Thanks,

(b) (6)

(b) (6), P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

-----Original Message-----

From: Geppert, Steven M POA [<mailto:Steven.M.Geppert@usace.army.mil>
<<mailto:Steven.M.Geppert@usace.army.mil>>]

Sent: Friday, July 31, 2015 4:10 PM

To: (b) (6), (b) (7)(C)

Cc: Alley, Mike W POA

Subject: RE: Question about road from (b) (7)(E) (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Mike will have to complete his portion on Monday. He is out today. I'm calling in for jury duty next week, so I will be on an undetermined schedule.

-----Original Message-----

From: (b) (6)]

Sent: Friday, July 31, 2015 12:06 PM

To: Geppert, Steven M POA

Cc: Alley, Mike W POA

Subject: [EXTERNAL] RE: Question about road from AJO-0448 to AJO-0446 (UNCLASSIFIED)

Thank you Steve. When do you think you will have Dr. Checks responses updated?

Thanks

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

-----Original Message-----

From: Geppert, Steven M POA [<mailto:Steven.M.Geppert@usace.army.mil>]
<<mailto:Steven.M.Geppert@usace.army.mil>>]

Sent: Friday, July 31, 2015 4:05 PM

To: (b) (6), (b) (7)(C)

Cc: Alley, Mike W POA

Subject: RE: Question about road from (b) (7)(E) (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

From our field visit with (b) (6), (b) (7) in early July, we have made some changes in the amount of work being done. The sheets will show up and indicate no work but will be removed from project at the next stage.

-----Original Message-----

From: [REDACTED] (b) (6), (b) (7)(C)]

Sent: Friday, July 31, 2015 11:47 AM

To: [REDACTED] (b) (6), (b) (7)(C); Geppert, Steven M POA

Cc: [REDACTED] (b) (6)

Subject: [EXTERNAL] RE: Question about road from AJO-0448 to AJO-0446

[REDACTED] (b) (6), (b) (7)(C)

I finally got a chance to look into this. Please see below, as you can see [REDACTED] (b) (7)(E) are in this stretch between [REDACTED] (b) (7)(E) and the border road, so for the [REDACTED] (b) (7)(E) project, that is the limit of the work we will be conducting [REDACTED] (b) (5).

Steve,

[REDACTED] (b) (5), (b) (7)(E)

Thanks,

[REDACTED] (b) (6), (b) (7)(C)

cid:image001.png@01D0CB82.3F8FA570

[REDACTED] (b) (6), (b) (7)(C), P.E., LEED AP

TI SME, BPFTI

LMI Government Consulting

BB: (b) (6), (b) (7)(C)

Telework: Tuesdays and Fridays

From: (b) (6), (b) (7)(C)

Sent: Friday, July 17, 2015 9:45 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Question about road from (b) (7)(E)

(b) (6), (b) (7)(C)

(b) (5)

Thanks,

(b) (6), (b) (7)(C)

Tucson Sector Tribal Liaison

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Friday, July 17, 2015 6:42 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: Question about road from (b) (7)(E)

(b) (6), (b) (7)(C)

That road should be captured because it was going to be handled by CTIMR but specifically for this project if I remember correctly. There are no LWC's in this area.

Thanks.

(b) (6), (b) (7)(C)

Tucson Sector Tribal Liaison

Office: (b) (6), (b) (7)(C)

[Cell:](#) (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

[From:](#) (b) (6), (b) (7)(C)

[Sent:](#) Friday, July 17, 2015 4:29 AM

[To:](#) (b) (6), (b) (7)(C)

[Cc:](#) (b) (6), (b) (7)(C)

[Subject:](#) RE: Question about road from (b) (7)(E)

(b) (6), (b) (7)(C)

(b) (5)

[Once I have time to research I will confirm and get back to you.](#)

[Thanks.](#)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C) [.P.E., LEED AP](#)

[Tl SME. BPFTI](#)

[LMI Government Consulting](#)

[BB:](#) (b) (6), (b) (7)(C)

[Telework: Tuesdays and Fridays](#)

[From:](#) (b) (6), (b) (7)(C)

[Sent: Thursday, July 16, 2015 3:27 PM](#)

[To:](#) (b) (6), (b) (7)(C)

[Cc:](#) (b) (6), (b) (7)(C)

[Subject: FW: Question about road from](#) (b) (7)(E)

(b) (6), (b) (7)(C)

(b) (7)(E), (b) (5)

[This road segment was surveyed; so, we can still include it in the EA if needed.](#) (b) (5) .

[Thanks.](#)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(Contractor, ManTech Team)

Supporting the OTIA CSS Contract

U.S. Customs and Border Protection

.....

Office: (b) (6), (b) (7)(C)

FAX: (b) (6), (b) (7)(C)

.....

1901 S. Bell Street

Arlington, VA 20598

.....

E-Mail: (b) (6), (b) (7)(C)

>

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From: [REDACTED] (b) (6) >]

Sent: Thursday, July 16, 2015 2:42 PM

To: [REDACTED] (b) (6), (b) (7)(C)

Subject: Question about road from [REDACTED] (b) (7)(E)

[REDACTED] (b) (6), (b) (7)

Here's that portion of the road I was asking about on the phone. [REDACTED] (b) (5)

I will put together a table with the acres and road miles. Then you can compare to the table with GSRC values. I [REDACTED] (b) (5)

[REDACTED] (b) (6), (b) (7)(C), GISP

Information Systems & Geospatial Services

Mantech International

Ph: (b) (6), (b) (7)(C)

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Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: SH 32 - conference call with IBWC & CBP - meeting notes
Date: Thursday, September 17, 2015 9:42:31 AM

Ok. Good..

From: (b) (6), (b) (7)(C)
Sent: Thursday, September 17, 2015 9:41 AM
To: (b) (6), (b) (7)(C)
Subject: RE: SH 32 - conference call with IBWC & CBP - meeting notes

Got it. Thank you.

I booked my travel to San Diego.

(b) (6), (b) (7)(C), **PE, PMP**
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection
Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Thursday, September 17, 2015 9:35 AM
To: (b)(6);(b)(7)(C)
Subject: FW: SH 32 - conference call with IBWC & CBP - meeting notes

FYSA...

From: (b) (6), (b) (7)(C)
Sent: Thursday, September 17, 2015 9:32 AM
To: (b) (6), (b) (7)(C)
Subject: FW: SH 32 - conference call with IBWC & CBP - meeting notes

FYSA-SH 32 will require a significant portion of the O-21 fence segment to be relocated.

From: (b) (6)
Sent: Wednesday, September 9, 2015 9:55 AM
To: Betsabe Diaz (Betsabe.Diaz@ibwc.gov); Jose Nunez (Jose.Nunez@ibwc.gov); (b) (6), (b) (7)(C);
Gabe Duran; Albert Moehlig (Albert.Moehlig@ibwc.gov)
Cc: (b) (6)
Subject: SH 32 - conference call with IBWC & CBP - meeting notes

Attached are the meeting notes for last Thursday. Please check for errors & omissions.
Thanks!

From: (b) (6)
Sent: Thursday, September 03, 2015 10:35 AM
To: (b) (6); Betsabe Diaz
(Betsabe.Diaz@ibwc.gov); (b) (6); (b) (6), (b) (7)(C); Jose Nunez
(Jose.Nunez@ibwc.gov); Albert Moehlig (Albert.Moehlig@ibwc.gov)
Subject: RE: SH 32 - conference call with IBWC & CBP

Attached is the Los Indios land exchange map. Requests during this morning conf call.

<< File: los indios map.pdf >>

(b) (6)

-----Original Appointment-----

From: (b) (6)
Sent: Monday, August 31, 2015 5:08 PM
To: (b) (6) Betsabe Diaz (Betsabe.Diaz@ibwc.gov); (b) (6); (b) (6), (b) (7)(C); Jose Nunez (Jose.Nunez@ibwc.gov); Albert Moehlig (Albert.Moehlig@ibwc.gov); (b) (6)
Subject: SH 32 - conference call with IBWC & CBP
When: Thursday, September 03, 2015 9:00 AM-10:00 AM (UTC-06:00) Central Time (US & Canada).
Where: 9:00 - 10:00 (CDT) or 10:00 - 11:00 (EDT)

<< File: AGENDA.docx >> << File: USFWS Land Swap Exhibit-Revised.pdf >> << File: CBP at SH 4.jpg >>

The phone number and conference code for Thursday's meeting:

Toll-free: (b) (7)(E)
Conference Code: (b) (7)(E)

Attached is an agenda, the 2015 exhibit showing the proposed re-alignment of the levee as discussed with USFWS, and a location map of CBP's station along SH 4.

I will send (as an additional reference) the 2012 schematic showing the proposed levee realignment via the txdot dropbox.

Let me know if you have any questions and thank you for your participation in this project.

(b) (6)

(b) (6), (b) (7)(C)

600 W. US 83 Expressway

Pharr, TX 78577-1231

Talk. Text. Crash



From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: FW: Anapra fence replacement
Date: Friday, September 25, 2015 9:19:15 AM
Attachments: [USIBWC Letter, September 24, 2015.pdf](#)

All,

Please find the attached USIBWC concurrence letter dated September 24, 2015.

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Thursday, September 24, 2015 11:01 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Anapra fence replacement

(b) (6), (b) (7)(C) -please distribute to the team. Thanks

From: Jose Nunez [<mailto:Jose.Nunez@ibwc.gov>]
Sent: Thursday, September 24, 2015 4:08 PM
To: (b) (6), (b) (7)(C); (b) (6)
Subject: Re: Anapra fence replacement

(b) (6), (b) (7)(C)

Attached is the USIBWC letter for your information and records. The original version of this letter should be forthcoming in the mail shortly. Regards,

José A. Nuñez, P.E.
Principal Engineer
IBWC, U.S. Section
Headquarters

(b) (6)
(b) (6) Cell

>>> (b) (6), (b) (7)(C) 9/24/2015 6:39 AM >>>
(b) (6)

The Corps is intending to award the Anapra fence replacement project tomorrow. Any new news on

the concurrence letter?

Thanks

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., PMP

Chief Engineer

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Mobile: (b) (6), (b) (7)(C)

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INTERNATIONAL BOUNDARY AND WATER COMMISSION
UNITED STATES AND MEXICO

September 24, 2015

OFFICE OF THE COMMISSIONER
UNITED STATES SECTION

(b) (6), (b) (7)(C) P. E.

Project Manager
U.S. Customs and Border Protection (CBP)
1331 Pennsylvania Avenue, NW
Suite 755 North
Washington, DC 20229

Dear (b) (6), (b) (7)(C)

The United States Section of the International Boundary and Water Commission (USIBWC) has completed its review of the 'Final Anapra Primary Fence Replacement Drainage Report,' dated August 2015, associated hydrologic, hydraulic and sediment transport models, and engineering drawings developed by Michael Baker International, LLC (Baker) on behalf of the U.S. Department of Homeland Security (DHS). The study was conducted in support of a project proposed to replace approximately 1.35 miles of existing primary fence located in Anapra, Doña Ana County, New Mexico. This segment runs parallel to the International Border between the States of New Mexico, United States and Chihuahua, Mexico. The proposed project begins approximately 5.8 miles east of the Santa Teresa Land Port of Entry (LPOE) and proceeds east to the base of Mount Christo Rey.

The proposed upgrade consists of replacing the primary tight weave chain link fence with a new bollard style fence. The submitted documents have adequately addressed our comments and concerns. The USIBWC has concluded that there are no objections to the proposed fence upgrades provided that it is constructed as designed and DHS agrees to comply with the following conditions:

1. All construction material and trash will be removed from the work area upon completion of the work.
2. The USIBWC does not assume any responsibility regarding damages that could be caused to the work, property or persons in the project area as a consequence of the surface drainage which occurs predominantly from Mexico into the United States.
3. Any damage caused by the proposed works to either the United States or Mexico will be repaired by the DHS to the Commission's satisfaction.
4. DHS will implement a maintenance program to remove any trash and/or debris found along the alignment of the fence and within the drainage structures on a regular basis, especially after a storm event.

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(915) 832-4701 • Fax: (915) 832-4166 • <http://www.ibwc.gov>

5. DHS/CBP will install two (2) gates, one adjacent to IBWC Monument 2C and the other at coordinate (b) (7)(E)
6. If DHS performs any additional modeling and analysis in order to address any comments from the Burlington Northern and Santa Fe (BNSF) Railway, then such models and associated reports should be shared with the USIBWC within a timely manner.

It should be noted that the USIBWC did not review these fence projects for any potential environmental impacts since they were addressed by DHS. If you have any questions, please contact Mr. Gabriel Duran at either (915) 832-4746 or via email Gabe.Duran@ibwc.gov.

Sincerely,

(b) (6)

✓ Jose A. Nuñez, P.E.
Principal Engineer

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Anapra fence replacement
Date: Thursday, September 24, 2015 11:00:41 PM
Attachments: [USIBWC Letter, September 24, 2015.pdf](#)

(b) (6), (b) (7)(C) -please distribute to the team. Thanks

From: Jose Nunez [mailto:Jose.Nunez@ibwc.gov]
Sent: Thursday, September 24, 2015 4:08 PM
To: (b) (6), (b) (7)(C)
Subject: Re: Anapra fence replacement

(b) (6), (b) (7)(C)

Attached is the USIBWC letter for your information and records. The original version of this letter should be forthcoming in the mail shortly. Regards,

José A. Nuñez, P.E.
Principal Engineer
IBWC, U.S. Section
Headquarters

(b) (6)
(b) (6) Cell

>>> (b) (6), (b) (7)(C) > 9/24/2015 6:39 AM >>>

(b) (6), (b) (7)(C)

The Corps is intending to award the Anapra fence replacement project tomorrow. Any new news on the concurrence letter?

Thanks

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C), P.E., PMP
Chief Engineer
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Mobile (b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Anapra fence replacement
Date: Friday, September 25, 2015 7:24:12 AM
Attachments: [USIBWC Letter, September 24, 2015.pdf](#)

FYSA..

From: (b) (6), (b) (7)(C)
Sent: Thursday, September 24, 2015 11:01 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: Anapra fence replacement

(b) (6), (b) (7)(C) -please distribute to the team. Thanks

From: Jose Nunez [<mailto:Jose.Nunez@ibwc.gov>]
Sent: Thursday, September 24, 2015 4:08 PM
To: (b) (6), (b) (7)(C); (b) (6)
Subject: Re: Anapra fence replacement

(b) (6), (b) (7)(C)

Attached is the USIBWC letter for your information and records. The original version of this letter should be forthcoming in the mail shortly. Regards,

José A. Nuñez, P.E.
Principal Engineer
IBWC, U.S. Section
Headquarters
(b) (6), (b) (7)(C)
Cell

>>> (b) (6), (b) (7)(C) > 9/24/2015 6:39 AM >>>

(b) (6), (b) (7)(C)

(b) (5)

Thanks

(b) (6)

(b) (6), P.E., PMP
Chief Engineer
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering

Mobile: (b) (6), (b) (7)(C)

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INTERNATIONAL BOUNDARY AND WATER COMMISSION
UNITED STATES AND MEXICO

September 24, 2015

OFFICE OF THE COMMISSIONER
UNITED STATES SECTION

(b) (6), (b) (7)(C) P. E.

Project Manager
U.S. Customs and Border Protection (CBP)
1331 Pennsylvania Avenue, NW
Suite 755 North
Washington, DC 20229

Dear (b) (6), (b) (7)(C)

The United States Section of the International Boundary and Water Commission (USIBWC) has completed its review of the 'Final Anapra Primary Fence Replacement Drainage Report,' dated August 2015, associated hydrologic, hydraulic and sediment transport models, and engineering drawings developed by Michael Baker International, LLC (Baker) on behalf of the U.S. Department of Homeland Security (DHS). The study was conducted in support of a project proposed to replace approximately 1.35 miles of existing primary fence located in Anapra, Doña Ana County, New Mexico. This segment runs parallel to the International Border between the States of New Mexico, United States and Chihuahua, Mexico. The proposed project begins approximately 5.8 miles east of the Santa Teresa Land Port of Entry (LPOE) and proceeds east to the base of Mount Christo Rey.

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3. Any damage caused by the proposed works to either the United States or Mexico will be repaired by the DHS to the Commission's satisfaction.
4. DHS will implement a maintenance program to remove any trash and/or debris found along the alignment of the fence and within the drainage structures on a regular basis, especially after a storm event.

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5. DHS/CBP will install two (2) gates, one adjacent to IBWC Monument 2C and the other at coordinate [REDACTED] (b) (7)(E)
6. If DHS performs any additional modeling and analysis in order to address any comments from the Burlington Northern and Santa Fe (BNSF) Railway, then such models and associated reports should be shared with the USIBWC within a timely manner.

It should be noted that the USIBWC did not review these fence projects for any potential environmental impacts since they were addressed by DHS. If you have any questions, please contact Mr. Gabriel Duran at either (915) 832-4746 or via email Gabe.Duran@ibwc.gov.

Sincerely,

(b) (6)

✓ Jose A. Nuñez, P.E.
Principal Engineer

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: RGV Gates - ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED) -
Date: Thursday, July 10, 2014 5:28:36 PM

Just fulfilling my role as your Chief Engineer (also an IPA at the time)

(b) (5), (b) (6)

(b) (5), (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 10, 2014 1:26 PM
To: (b) (6), (b) (7)(C)
Subject: FW: RGV Gates - ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED) -
Importance: High

(b) (5)

I hope you chat with (b) (6) on any details.

Regards,

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 10, 2014 9:27 AM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C);
(b) (6); (b) (6); (b) (6), (b) (7)(C)
Subject: FW: RGV Gates - ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED) -
Importance: High

FYSA

(b) (6), (b) (7)(C), Program Manager
Border Patrol Facilities and Tactical Infrastructure Facilities Management and Engineering Tactical Infrastructure
Division (Maintenance and Repair)
(b) (6), (b) (7)(C) Work
(b) (6), (b) (7)(C) Blackberry
(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)
Sent: Wednesday, July 09, 2014 8:58 AM
To: (b) (6), (b) (7)(C)
Subject: FW: ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED)
Importance: High

(b) (6), (b) (7)(C)

Please find enclosed Weston's formal complaint as filed with the Armed Services Board of Contract Appeals.

Thanks,

(b) (6), (b)

-----Original Message-----

From: (b) (6)

Sent: Monday, June 30, 2014 2:34 PM

To: (b) (6)

Cc: (b) (6)

Subject: FW: ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED)

Importance: High

Hello Everyone:

Annexed hereto is the complaint filed by Weston in the setting forth their side of the story.

(b) (6)

-----Original Message-----

From: (b) (6)

Sent: Wednesday, June 25, 2014 12:02 PM

To: (b) (6)

Subject: FW: ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED)

Importance: High

Classification: UNCLASSIFIED

Caveats: NONE

Attorney-Client Privileged Communication Attorney Work Product Do Not Release Under FOIA Do Not Copy or Forward

(b) (5)

Thanks!

(b) (6)

District Counsel

US Army Corps of Engineers

Galveston District

(b) (6)

From: (b) (6)

Sent: Tuesday, June 24, 2014 5:11 PM

To: (b) (6)

Cc: (b) (6)

Subject: FW: ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED)

Importance: High

Classification: UNCLASSIFIED

Caveats: NONE

Attorney-Client Privileged Communication Attorney Work Product Do Not Release Under FOIA Do Not Copy or Forward

(b) (5)

Thanks!

(b) (6)

District Counsel
US Army Corps of Engineers
Galveston District

(b) (6)

From: (b) (6)

Sent: Tuesday, June 24, 2014 4:40 PM

To: (b) (6)

Cc: (b) (6)

Subject: [EXTERNAL] ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc.

Importance: High

Dear (b) (6) :

Please accept this electronic filing of the Complaint of Weston Solutions, Inc., ASBCA No. 59329 under Contract No. W912BV-08-D-2012. Also attached is a Certificate of Service for this filing.

Should you have any problems opening the attached documents, please notify me immediately.

Respectfully submitted,

(b) (6) | Smith Currie
245 Peachtree Center Avenue, N.E.
2700 Marquis Tower One
Atlanta, Georgia 30303-1227
Direct: (b) (6)
Facsimile: (b) (6)
www.SmithCurrie.com <<http://www.smithcurrie.com/>>

Confidentiality Notice:

This email constitutes an electronic communication under the Electronic Communications Privacy Act, 18 U.S.C. § 2510, and its disclosure is strictly limited to the intended recipient. This transmission, and any attachments, may contain confidential attorney-client privileged information and attorney work product. If you are not the intended recipient, any disclosure, copying, distribution or use of any information contained in or attached to this transmission is **STRICTLY PROHIBITED**. If you believe that you are not the intended recipient, please contact us immediately by return e-mail or at (b) (6), and destroy the transmission and its attachments without reading or saving in any manner.

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: Re: RGV Gates - ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED) -
Date: Thursday, July 10, 2014 9:23:06 PM

Yea-pretty disappointing
Thanks

Sent from my bb-please excuse poor grammar, misspelled or missing words, etc.

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 10, 2014 09:12 PM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Subject: Re: RGV Gates - ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED) -

(b) (5)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 10, 2014 05:28 PM
To: (b) (6), (b) (7)(C)
Subject: RE: RGV Gates - ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED) -

Just fulfilling my role as your Chief Engineer (also an IPA at the time). (b) (5), (b) (6)

(b) (5), (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, July 10, 2014 1:26 PM
To: (b) (6), (b) (7)(C)
Subject: FW: RGV Gates - ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED) -
Importance: High

(b) (5)

(b) (5)

I hope you chat with (b) (6) on any details.

Regards,

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Thursday, July 10, 2014 9:27 AM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: FW: RGV Gates - ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED) - Importance: High

FYSA

(b) (6), (b) (7)(C), Program Manager

Border Patrol Facilities and Tactical Infrastructure Facilities Management and Engineering Tactical Infrastructure Division (Maintenance and Repair)

(b) (6), (b) (7)(C) Work

(b) (6), (b) (7)(C) Blackberry

(b) (6), (b) (7)(C)

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To: (b) (6), (b) (7)(C)

Subject: FW: ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED)

Importance: High

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Sent: Monday, June 30, 2014 2:34 PM

To: (b) (6)

Cc: (b) (6)

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Importance: High

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Sent: Wednesday, June 25, 2014 12:02 PM
To: (b) (6)
Subject: FW: ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED)
Importance: High

Classification: UNCLASSIFIED
Caveats: NONE
Attorney-Client Privileged Communication Attorney Work Product Do Not Release Under FOIA Do Not Copy or Forward

(b) (5) .

Thanks!

(b) (6)

District Counsel
US Army Corps of Engineers
Galveston District

(b) (6)

From: (b) (6)
Sent: Tuesday, June 24, 2014 5:11 PM
To: (b) (6)
Cc: (b) (6)
Subject: FW: ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc. (UNCLASSIFIED)
Importance: High

Classification: UNCLASSIFIED
Caveats: NONE
Attorney-Client Privileged Communication Attorney Work Product Do Not Release Under FOIA Do Not Copy or Forward

(b) (5) .

Thanks!

(b) (6)

District Counsel
US Army Corps of Engineers
Galveston District

(b) (6)

From: (b) (6)]
Sent: Tuesday, June 24, 2014 4:40 PM
To: (b) (6)
Cc: (b) (6)
Subject: [EXTERNAL] ASBCA No. 59329 - Filing of Complaint of Weston Solutions, Inc.
Importance: High

Dear (b) (6) :

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Should you have any problems opening the attached documents, please notify me immediately.

Respectfully submitted,

(b) (6) | Smith Currie
245 Peachtree Center Avenue, N.E.
2700 Marquis Tower One
Atlanta, Georgia 30303-1227
Direct: (b) (6)
Facsimile: (b) (6)
www.SmithCurrie.com <<http://www.smithcurrie.com/>>

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Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: 24 JUL CIR Planning Ph II Budget Planning 130722 (UNCLASSIFIED)
Date: Monday, July 22, 2013 11:36:30 AM
Attachments: [CIR Ph II Budget Roll-up \(22 JUL\).xlsx](#)

(b) (7)(E), (b) (6)

(b) (6)
Senior Consultant

LMI
2000 Corporate Ridge
McLean, VA 22102
Office: (b) (6)
Mobile: (b) (6)

Complex Problems. Practical Solutions.
www.lmi.org

-----Original Message-----

From: (b) (6)
Sent: Monday, July 22, 2013 10:43 AM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6)
Subject: S: 24 JUL CIR Planning Ph II Budget Planning 130722 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Team,

BLUF. Please populate Budget Roll-Up tab and return by COB Wed (24 JUL).

As discussed last Friday, attached is a budget planning matrix (first Tab "Budget Roll-Up"). This document is intended to:

1. Organize Sectors from West to East;

2. Show States to facilitate risk/cost characterization; 3. Provide consolidation of budget drivers (Construction, Real Estate, Environmental, Design, PgM/PM, and Construction Oversight).

Functional Leads. Please populate budget cells and return to myself and (b) (6) by COB 24 JUL. Please also provide any suggestions on improving layout/presentation of this information.

Goal is to incorporate into draft presentation for review during this week's IPR.

Thank you,

(b) (6)

(b) (6)

TI Branch Chief
USACE - ECSO

(b) (6)

BB: (b) (6)

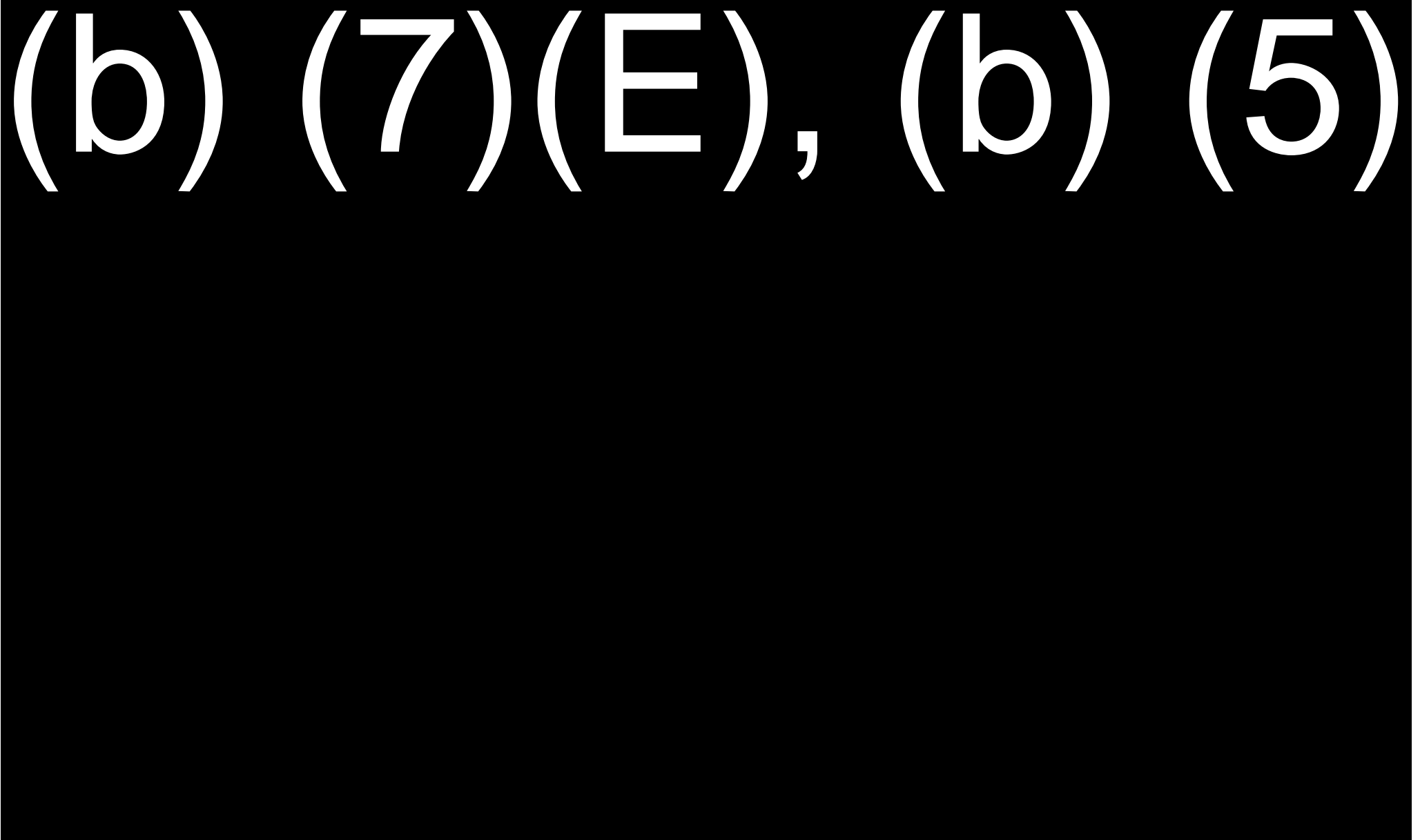
Classification: UNCLASSIFIED

Caveats: NONE

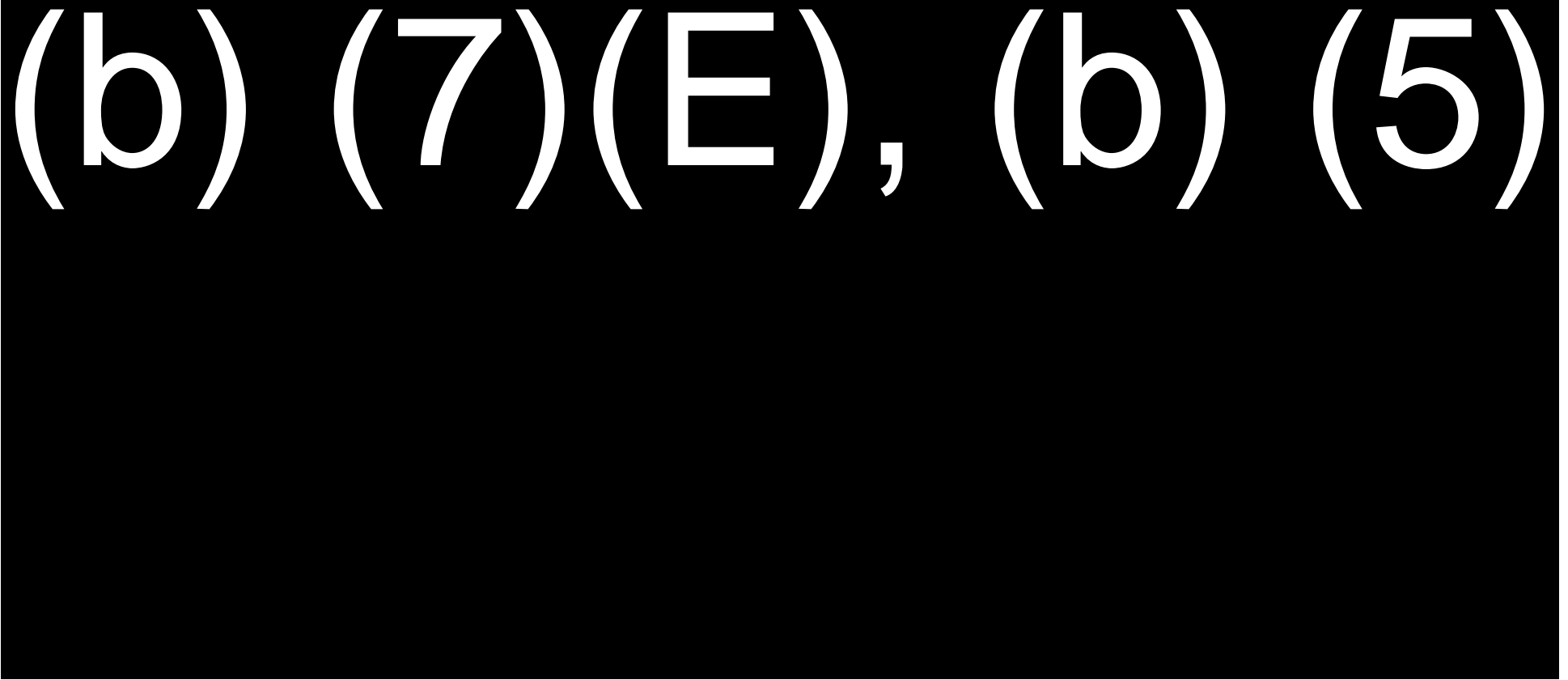
Based Upon Notional Requirements

(b) (7)(E), (b) (5)

(b) (7)(E), (b) (5)



(b) (7)(E), (b) (5)



Comprehensive Immigration Reform Potential Fencing Projects

Pre-Decisional

(b) (7)(E), (b) (5)

LEGEND

Potential Fencing Projects

- New Construction
- Vehicle Fence for Replacement
- Pedestrian Fence for Replacement

Sheet measures less than 12x17. It is a reduced print.
Reduce scale accordingly.

1 in = 93.17 mi 1:5,803,355



May 29, 2013
Michael Baker Jr., Inc.

WARNING: This document is FOR OFFICIAL USE ONLY (FOUO).
It contains information that may be exempt from public release under the Freedom of Information Act (5 U.S.C. 552). It is to be controlled, stored, handled, transmitted, distributed, and disposed of in accordance with DHS policy regarding FOUO information and must be released to the public or other personnel who do not have a valid "need-to-know" without prior approval of an authorized DHS official.

From: (b) (6), (b) (7)(C)
To: (b) (6)
Cc: (b) (6), (b) (7)(C) (b) (6)
Subject: RE: Request USACE determination: Sharing final As-built/O&M package for Black Draw Bridge with the TON
Date: Friday, June 17, 2016 3:23:02 PM

Perfect, thank you again!

-----Original Message-----

From: (b) (6)
Sent: Friday, June 17, 2016 2:32 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
(b) (6)
Subject: RE: Request USACE determination: Sharing final As-built/O&M package for Black Draw Bridge with the TON

(b) (6), (b) (7)(C) roger.

(b) (6)

Please see the below dialogue requesting KO assessment of this contract:

W912PL-10-D-0026/0001

for the purpose of ascertaining whether or not the government owns the design, as-builts, shop drawings, etc. associated with the contract and has the right to provide those documents to others.

CBP further requests that, if we do own these documents, we provide recommendations to mitigate any risks associated with transferring these documents to another sovereign nation (TON). I would prefer to pose this latter question to our (SWF) counsel, but let me know if you feel otherwise.

Please:

1. Confirm that the subject contract was issued by SPL and identify the KO; 2. Provide KO's assessment as to ownership and release-ability of project documents.

Let me know if you would like to discuss.

Thank you,

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, June 17, 2016 1:03 PM
To: (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: [EXTERNAL] Request USACE determination: Sharing final As-built/O&M package for Black Draw

Bridge with the TON

Good afternoon (b) (6)

I spoke with (b) (6), (b) (7)(C), and he recommended I come to you to help us on this one.

BACKGROUND:

Tucson Sector, who is CC'd on this email (Agent (b) (6), (b) (7)(C)), brought to our attention that the Tohono O'odham Nation (TON) approached Sector for insight into what CBP had done in terms of constructing a small bridge over an arroyo/wash using a flat rail road car type design. So, Sector took them out to the Black Draw Bridge in Douglass, AZ to show them what had been built to cross a similarly sized wash to the one they're looking at on the TON. Black Draw Bridge is a crossing that was apparently designed by Baker and built under USACE contract for a crossing along a road running along VF300 fence segment FV-1B.

Apparently the TON liked Black Draw Bridge a lot, and they're seeking to potentially develop specs for a RFP to construct a similar bridge for a similarly sized wash on their land.

The 91-page document Sector is requesting to share with the TON can be found in the FITT document library.

It's under FM&E Number 3140-1, the Project Title was Black Draw_TCA_3140-1_Bridge, and the title of the document is: Black Draw Bridge O&M Manual and As-builts.

REQUEST DETERMINATION BY A USACE CONTRACTING OFFICER:

CBP's office of counsel determined that a USACE contracting officer (CO) would be the appropriate person to determine whether and in what particular manner to share the document.

(b) (6) recollection was that LA District had contracted this work, I'm not sure.

The Contract number was W912PL-10-D-0026/0001.

CBP's office of counsel indicated that once the USACE CO reviews the document and the applicable contract language, he/she will likely then turn to the Federal Acquisition Regulation (FAR). So, just in an effort to help, under my signature block below is the FAR clause that, IF it was included in the contract, would appear to allow the government complete use of the as-builts (see section below highlighted in red). The only question is whether the contract included this clause, and if so, if the "as-built" drawings at issue fall under this clause's definition of "shop drawings." Nevertheless, it may assist the CO. Additionally, if USACE answers affirmatively that USACE and/or CBP may disclose the drawings to the Nation, we'd like to know if there are recommended methods for disclosure,

e.g., acknowledgment by recipient that they still need to do their own independent engineering and design according to the site's unique conditions, etc.

If you have any questions of CBP, please let me know.

Thank you in advance!

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing

Border Patrol's proud legacy.

FAR 52.236-21 -- Specifications and Drawings for Construction.

As prescribed in 36.521

<Blockedhttp://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/36.htm#P233_37271> , insert the following clause:

Specifications and Drawings for Construction (Feb 1997)

(a) The Contractor shall keep on the work site a copy of the drawings and specifications and shall at all times give the Contracting Officer access thereto. Anything mentioned in the specifications and not shown on the drawings, or shown on the drawings and not mentioned in the specifications, shall be of like effect as if shown or mentioned in both. In case of difference between drawings and specifications, the specifications shall govern. In case of discrepancy in the figures, in the drawings, or in the specifications, the matter shall be promptly submitted to the Contracting Officer, who shall promptly make a determination in writing. Any adjustment by the Contractor without such a determination shall be at its own risk and expense. The Contracting Officer shall furnish from time to time such detailed drawings and other information as considered necessary, unless otherwise provided.

(b) Wherever in the specifications or upon the drawings the words "directed", "required", "ordered", "designated", "prescribed", or words of like import are used, it shall be understood that the "direction", "requirement", "order", "designation", or "prescription", of the Contracting Officer is intended and similarly the words "approved", "acceptable", "satisfactory", or words of like import shall mean "approved by," or "acceptable to," or "satisfactory to" the Contracting Officer, unless otherwise expressly stated.

(c) Where "as shown," "as indicated", "as detailed", or words of similar import are used, it shall be understood that the reference is made to the drawings accompanying this contract unless stated otherwise. The word "provided" as used herein shall be understood to mean "provide complete in place," that is "furnished and installed".

(d) Shop drawings means drawings, submitted to the Government by the Contractor, subcontractor, or any lower tier subcontractor pursuant to a construction contract, showing in detail

(1) the proposed fabrication and assembly of structural elements, and

(2) the installation (i.e., fit, and attachment details) of materials or equipment. It includes drawings, diagrams, layouts, schematics, descriptive literature, illustrations, schedules, performance and test data, and similar materials furnished by the contractor to explain in detail specific portions of the work required by the contract. The Government may duplicate, use, and disclose in any manner and for any purpose shop drawings delivered under this contract.

(e) If this contract requires shop drawings, the Contractor shall coordinate all such drawings, and review them for accuracy, completeness, and compliance with contract requirements and shall indicate its approval thereon as evidence of such coordination and review. Shop drawings submitted to the Contracting Officer without evidence of the Contractor's approval may be returned for resubmission. The Contracting Officer will indicate an approval or disapproval of the shop drawings and if not approved as submitted shall indicate the Government's reasons therefor. Any work done before such approval shall be at the Contractor's risk. Approval by the Contracting Officer shall not relieve the Contractor from responsibility for any errors or omissions in such drawings, nor from responsibility for complying with the requirements of this contract, except with respect to variations described and approved in accordance with (f) below.

(f) If shop drawings show variations from the contract requirements, the Contractor shall describe such variations in writing, separate from the drawings, at the time of submission. If the Contracting Officer approves any such variation, the Contracting Officer shall issue an appropriate contract modification, except that, if the variation is minor or does not involve a change in price or in time of performance, a modification need not be issued.

(g) The Contractor shall submit to the Contracting Officer for approval four copies (unless otherwise indicated) of all shop drawings as called for under the various headings of these specifications. Three sets (unless otherwise indicated) of all shop drawings, will be retained by the Contracting Officer and one set will be returned to the Contractor.

(End of Clause)

Alternate I (Apr 1984). When record shop drawings are required and reproducible shop drawings are needed, add the following sentences to paragraph (g) of the basic clause:

Upon completing the work under this contract, the Contractor shall furnish a complete set of all shop drawings as finally approved. These drawings shall show all changes and revisions made up to the time the equipment is

completed and accepted.

Alternate II (Apr 1984). When record shop drawings are required and reproducible shop drawings are not needed, the following sentences shall be added to paragraph (g) of the basic clause:

Upon completing the work under this contract, the Contractor shall furnish _____ [Contracting Officer complete by inserting desired amount] sets of prints of all shop drawings as finally approved. These drawings shall show changes and revisions made up to the time the equipment is completed and accepted.

From: (b) (6)
To: (b) (6)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: Request USACE determination: Sharing final As-built/O&M package for Black Draw Bridge with the TON
Date: Monday, July 11, 2016 1:09:22 PM

(b) (6)

Are you able to provide a response date forecast?

Thank you,

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, June 29, 2016 11:44 AM
To: (b) (6)
Cc: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: Request USACE determination: Sharing final As-built/O&M package for Black Draw Bridge with the TON

(b) (6),

Please let us know your roughly estimated time for a response from your KO.
There's no rush, as we of course understand the need for due diligence, but we would like to be responsive to the TON to manage their expectations.

Thank you again,

(b) (6), (b) (7)

-----Original Message-----

From: (b) (6)
Sent: Friday, June 17, 2016 2:32 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: RE: Request USACE determination: Sharing final As-built/O&M package for Black Draw Bridge with the TON

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W912PL-10-D-0026/0001

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Subject: [EXTERNAL] Request USACE determination: Sharing final As-built/O&M package for Black Draw Bridge with the TON

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(b) (6), (b) (7)(C), MBA PMP

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Blackberry (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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FAR 52.236-21 -- Specifications and Drawings for Construction.

As prescribed in 36.521

<BlockedBlockedhttp://farsite.hill.af mil/reghtml/regs/far2afmcfars/fardfars/far/36 htm#P233_37271> , insert the following clause:

Specifications and Drawings for Construction (Feb 1997)

(a) The Contractor shall keep on the work site a copy of the drawings and specifications and shall at all times give the Contracting Officer access thereto. Anything mentioned in the specifications and not shown on the drawings, or shown on the drawings and not mentioned in the specifications, shall be of like effect as if shown or mentioned in both. In case of difference between drawings and specifications, the specifications shall govern. In case of discrepancy in the figures, in the drawings, or in the specifications, the matter shall be promptly submitted to the Contracting Officer, who shall promptly make a determination in writing. Any adjustment by the Contractor without such a determination shall be at its own risk and expense. The Contracting Officer shall furnish from time to time such detailed drawings and other information as considered necessary, unless otherwise provided.

(b) Wherever in the specifications or upon the drawings the words "directed", "required", "ordered", "designated", "prescribed", or words of like import are used, it shall be understood that the "direction", "requirement", "order", "designation", or "prescription", of the Contracting Officer is intended and similarly the words "approved", "acceptable", "satisfactory", or words of like import shall mean "approved by," or "acceptable to", or "satisfactory to" the Contracting Officer, unless otherwise expressly stated.

(c) Where "as shown," as indicated", "as detailed", or words of similar import are used, it shall be understood that the reference is made to the drawings accompanying this contract unless stated otherwise. The word "provided" as used herein shall be understood to mean "provide complete in place," that is "furnished and installed".

(d) Shop drawings means drawings, submitted to the Government by the Contractor, subcontractor, or any lower tier subcontractor pursuant to a construction contract, showing in detail

(1) the proposed fabrication and assembly of structural elements, and

(2) the installation (i.e., fit, and attachment details) of materials or equipment. It includes drawings, diagrams, layouts, schematics, descriptive literature, illustrations, schedules, performance and test data, and similar materials furnished by the contractor to explain in detail specific portions of the work required by the contract. The Government may duplicate, use, and disclose in any manner and for any purpose shop drawings delivered under this contract.

(e) If this contract requires shop drawings, the Contractor shall coordinate all such drawings, and review them for

accuracy, completeness, and compliance with contract requirements and shall indicate its approval thereon as evidence of such coordination and review. Shop drawings submitted to the Contracting Officer without evidence of the Contractor's approval may be returned for resubmission. The Contracting Officer will indicate an approval or disapproval of the shop drawings and if not approved as submitted shall indicate the Government's reasons therefor. Any work done before such approval shall be at the Contractor's risk. Approval by the Contracting Officer shall not relieve the Contractor from responsibility for any errors or omissions in such drawings, nor from responsibility for complying with the requirements of this contract, except with respect to variations described and approved in accordance with (f) below.

(f) If shop drawings show variations from the contract requirements, the Contractor shall describe such variations in writing, separate from the drawings, at the time of submission. If the Contracting Officer approves any such variation, the Contracting Officer shall issue an appropriate contract modification, except that, if the variation is minor or does not involve a change in price or in time of performance, a modification need not be issued.

(g) The Contractor shall submit to the Contracting Officer for approval four copies (unless otherwise indicated) of all shop drawings as called for under the various headings of these specifications. Three sets (unless otherwise indicated) of all shop drawings, will be retained by the Contracting Officer and one set will be returned to the Contractor.

(End of Clause)

Alternate I (Apr 1984). When record shop drawings are required and reproducible shop drawings are needed, add the following sentences to paragraph (g) of the basic clause:

Upon completing the work under this contract, the Contractor shall furnish a complete set of all shop drawings as finally approved. These drawings shall show all changes and revisions made up to the time the equipment is completed and accepted.

Alternate II (Apr 1984). When record shop drawings are required and reproducible shop drawings are not needed, the following sentences shall be added to paragraph (g) of the basic clause:

Upon completing the work under this contract, the Contractor shall furnish _____ [Contracting Officer complete by inserting desired amount] sets of prints of all shop drawings as finally approved. These drawings shall show changes and revisions made up to the time the equipment is completed and accepted.

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: NGL GSA parking lot repairs
Date: Wednesday, January 16, 2013 5:27:30 PM
Importance: High

this is email i'm referencing

(b) (6), (b) (7)(C)

LMI

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 16, 2013 4:20 PM
To: (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: NGL GSA parking lot repairs

All,

(b) (6) is now engaged and working this from his high perch on a 4 legged beast!

Thanks, (b) (6), (b) (7)(C)

----- Original Message -----

From: (b) (6)
Sent: Wednesday, January 16, 2013 04:14 PM Eastern Standard Time
To: (b) (6), (b) (7)(C); (b) (6); (b) (6)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: NGL GSA parking lot repairs

(b) (6), (b) (7)(C) I am the COR, matters of this nature are for thee engineer of record and I to discuss before corrective action is taken. (b) (6), (b) (7)(C) is the civil engineer from Granite Construction in charge of this repair work. We talk everyday often several times a day. I see that you did not include him in this e-mail. As you will recall we met on site to discuss the scope of this work, and we left there thinking that we had a good line of communication established. You later sent an e-mail concurring with the design and the approach to make the repair. Specifically Granite was going to bring in a track hoe with a hydraulic hammer. That has occurred. Obviously this is an unforeseen site condition. I will get with (b) (6), (b) (7)(C) to discuss how we will solve the problem. I appreciate your insight and recommendation. But as the COR that will not occur until I approve it. If granite proceeds on without COR approval then Granite assumes all financial responsibility. Thanks for bringing this to my attention prior to the contractor's and my daily updates

(b) (6)
Project Engineer/COR
AZ/NV Area Office
LA Dist. USACE
3636 North Central Avenue
Suite, 500
Phoenix, AZ 85012-1939
(O) (b) (6)
(M) (b) (6)
(F) (b) (6)
(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 16, 2013 12:47 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: NGL GSA parking lot repairs

All:

Granite discovered a 6' by 6' void about an hour ago that parallels the west side corrugated pipe that they are working on. The void is a result of two things. An air pocket from a previously remediated tunnel and water seeking the weakest path for drainage when the pipe was not draining prior to this project. There is some really old shoring in the void and evidence of collapse from filling up with storm water.

Solution would be to allow Granite to direct pour the same concrete (4000 psi) into the void and vibrate it. No line pump needed if they wet it enough. I estimate 4 cy max. Granite is waiting for a response on this on job site.

PROBLEM: Granite did not know who to call to report the problem. FM&E and Army Corp were not on scene so Granite did not know who to call. The port parking lot security called OFO who in turn sent out a "calling all cars" alert before I could get to the job site. (I attached the email with my response to clarify the issue). I have instructed Granite to call my cell phone at any time for any future issues to prevent the need for alarm on any further questionable encounters during excavation.

(b) (6), (b) (7)(C)

Deputy Patrol Agent in Charge
United States Border Patrol
Nogales, Arizona
DESK (b) (6), (b) (7)(C)
CELL (b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Monday, October 01, 2012 8:46 AM
To: (b) (6)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: RE: NGL GSA parking lot repairs

(b) (6) CBP supports (b) (6), (b) (7)(C)) and I concur. Please proceed with performing the repairs to the water drainage modifications at the border fence. We look forward to reviewing your schedule and cost estimates. The station will have to review the schedule as well prior to any work being started for coordination.

Thanks (b) (6)

(b) (6), (b) (7)(C)

Program Manager/COR, O&M Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6)

Sent: Friday, September 28, 2012 8:28 PM
To: (b) (6), (b) (7)(C)
Subject: Re: NGL GSA parking lot repairs

First I need CBP's support of the mission. Then I need your concurrence to go ahead with the work. A simple e-mail will do. After I receive your go ahead. Then the contractor will order the material. It will take 2 weeks to receive the materials. Meanwhile I will have the contractor to prepare a schedule and cost estimate.

Message sent via my BlackBerry Wireless Device

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Friday, September 28, 2012 02:17 PM
To: (b) (6)
Subject: RE: NGL GSA parking lot repairs

What do you need from me to get started? I can coordinate with the station on any concerns they may have. Do you have dates?

(b) (6), (b) (7)(C)

Program Manager/COR, O&M Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6)
Sent: Friday, September 28, 2012 12:03 PM
To: (b) (6), (b) (7)(C)
Subject: RE: NGL GSA parking lot repairs

NO!

(b) (6)

Project Engineer/COR
AZ/NV Area Office
LA Dist. USACE
3636 North Central Avenue
Suite, 500
Phoenix, AZ 85012-1939

(O) (b) (6)
(M) (b) (6)
(F) (b) (6)
(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Friday, September 28, 2012 11:36 AM
To: (b) (6)
Subject: RE: NGL GSA parking lot repairs

I was just thinking about this. I do - - Do we need to have a site visit? (b) (6), (b) (7)(C) at the ACOE DM office has drawings.

(b) (6), (b) (7)(C)

Program Manager/COR, O&M Division

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6)

Sent: Friday, September 28, 2012 11:32 AM

To: (b) (6), (b) (7)(C)

Subject: FW: NGL GSA parking lot repairs

(b) (6), (b) (7)(C) do you want me to have our contractor to pursue this work? How about now?

(b) (6)

Project Engineer/COR

AZ/NV Area Office

LA Dist. USACE

3636 North Central Avenue

Suite, 500

Phoenix, AZ 85012-1939

(O) (b) (6)

(M) (b) (6)

(F) (b) (6)

(b) (6)

-----Original Message-----

From: (b) (6)

Sent: Thursday, September 27, 2012 10:53 AM

To: (b) (6)

Cc: (b) (6)

Subject: NGL GSA parking lot repairs

(b) (6)

Per our site visit to NGL we discussed the drainage repairs to the GSA parking lot. I need to know if I should proceed with procuring materials (new frame and grate).

Let me know if we have the green light to do this work.

Thank you

(b) (6)

Project Engineer

Arizona Region

Direct (b) (6) | Cell (b) (6) | Fax (b) (6)

(b) (6)

Granite_ID_primary_FINAL.jpg

From: (b) (6)
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: RE: [EXTERNAL] FW: RE Question / Request (DRT, (b) (7)(E)) (UNCLASSIFIED)
Date: Monday, June 01, 2015 10:12:49 AM

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6), (b) (7)(C),

We understand that BPFTI does not need us to visit at this time. We are standing by to assist when needed just need some lead time.

Sincerely,

(b) (6)

(b) (6)
Project Manager
USACE Fort Worth District
CESWF-ECSO-TI
office (b) (6)
bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Monday, May 18, 2015 9:17 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
(b) (6), (b) (7)(C); (b) (6)
Subject: RE: [EXTERNAL] FW: RE Question / Request (DRT, (b) (7)(E)) (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6), (b) (7)(C),

Understood. We'll discuss week of 26 May on planning a visit or not.

Sincerely,

(b) (6)

(b) (6), P.E.
Project Manager
USACE Fort Worth District
CESWF-ECSO-TI
office (b) (6)
bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Sunday, May 17, 2015 6:04 PM

To: (b) (6), (b) (7)(C); (b) (6)

Cc: (b) (6)

(b) (6), (b) (7)(C); (b) (6)

Subject: RE: [EXTERNAL] FW: RE Question / Request (DRT(b) (7)(E)) (UNCLASSIFIED)

OK-I'd like to attend if possible.

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Friday, May 15, 2015 5:01 PM

To: (b) (6), (b) (7)(C); (b) (6)

Cc: (b) (6)

(b) (6), (b) (7)(C); (b) (6)

Subject: Re: [EXTERNAL] FW: RE Question / Request (DRT(b) (7)(E)) (UNCLASSIFIED)

(b) (6) less discuss when I come to Fort Worth to do SSEB. I viewed the site today and its not critical but we will need to conduct a site visit in the near future.

----- Original Message -----

From: (b) (6), (b) (7)(C)

Sent: Friday, May 15, 2015 03:55 PM

To: (b) (6) (b) (6), (b) (7)(C)

Cc: (b) (6)

Subject: RE: [EXTERNAL] FW: RE Question / Request (DRT(b) (7)(E)) (UNCLASSIFIED)

(b) (6)-it's going to be several weeks before I can get down to (b) (7)(E). I'm OK with the team meeting with (b) (6), (b) (7)(C) sooner is that works for him.

Best,

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)

Sent: Wednesday, May 13, 2015 10:40 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6)

(b) (6), (b) (7)(C); (b) (6)

Subject: RE: [EXTERNAL] FW: RE Question / Request (DRT(b) (7)(E)) (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)(C)

Yes Sir.

We have funds on hand to support this effort.

What is a good day/date for you and BP? I will check with the design team.

Sincerely,

(b) (6)

(b) (6)

Project Manager
USACE Fort Worth District
CESWF-ECSO-TI
office (b) (6)
bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, May 13, 2015 9:31 AM
To: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Cc: (b) (6)
(b) (6), (b) (7)(C); (b) (6)
Subject: RE: [EXTERNAL] FW: RE Question / Request (DRT (b) (7)(E)) (UNCLASSIFIED)

(b) (6), (b) (7)(C)

(b) (7)(E)

(b) (5), (b) (6); (b) (7)(C), (b) (7)(E)

Let me know if you'd like to discuss.

Best,

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)
Sent: Monday, October 20, 2014 4:10 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: RE: [EXTERNAL] FW: RE Question / Request (DRT (b) (7)(E)) (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)(C)

See the attached pdf. The attachment is for discussion only as the information is not geo-referenced.

(b) (5)

Sincerely,

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6)
Sent: Monday, October 20, 2014 11:58 AM
To: (b) (6), (b) (7)(C)
Subject: RE: [EXTERNAL] FW: RE Question / Request (DRT (b) (7)(E)) (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Will get with design team and (b) (6) ASAP.

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Monday, October 20, 2014 11:10 AM
To: (b) (6)
Subject: FW: [EXTERNAL] FW: RE Question / Request (DRT (b) (7)(E)) (UNCLASSIFIED)

See below and provide comments please.

Respectfully,

(b) (6), (b) (7)(C)

Program Manager / COR III

Del Rio & Big Bend Sectors

DHS/CBP

FM&E BPFTI-Tactical Infrastructure

Desk: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, October 20, 2014 10:02 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: FW: [EXTERNAL] FW: RE Question / Request (DRT (b) (7)(E)) (UNCLASSIFIED)

(b) (6), (b) (7)(C) - See immediately below and attached for response from USACE (b) (6) to your 10/8/14 e-mail at bottom of this e-mail string. Please advise as to the caveat noted in the last paragraph of (b) (6) e-mail (i.e., can all required survey work be contained within Tract (b) (7)(E) Thanks. -- (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Real Estate Specialist

LMI Government Consulting

Border Patrol Facilities and Tactical Infrastructure Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6)
Sent: Monday, October 20, 2014 10:52 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6)
Subject: RE: [EXTERNAL] FW: RE Question / Request (DRT (b) (7)(E)) (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6), (b) (7)(C)

I've attached a map showing the overlay of two PF225 tracts within the delineation of the area in question. Tract (b)(7)(E) was acquired in fee simple from the City of Eagle Pass. No ROE-S is needed to conduct survey work within this tract. (b)(7)(E) was acquired as a special estate in the City of Eagle Pass case, and is as follows:

"A perpetual and assignable easement and right-of-way in, on, over and across the land.. for the location, construction, operation, maintenance, patrol, alteration, and replacement or a border barrier and appurtenances thereto; together with the right to trim or remove any vegetative or structural obstacles that interfere with the easement and right-of-way..."

(b) (5)

(b)(7)(E) (b) (5) (b) (5) (b)(7)(E)

Thanks,

(b) (6),
Realty Specialist
U.S. Army Corps of Engineers
Ft. Worth District, Real Estate Division

819 Taylor Street, Room 2A06

Ft. Worth, TX 76102-0300

Phone: (b) (6)

Fax: (b) (6)

From: (b) (6), (b) (7)(C)
Sent: Friday, October 10, 2014 08:32 AM
To: (b) (6)
Subject: [EXTERNAL] FW: RE Question / Request (DRT/EaglePass)

(b) (6) - See e-mail string below (start with aerial map at bottom). Request ownership validation of delineated area and recommendations on path forward ref ROE-S, field survey, etc. Thanks. - (b) (6), (b) (7)(C)

PS: I have added squiggly brackets to highlight the comments imbedded by (b) (6), (b) (7)(C) in red text in one of the e-mails below, in case the color doesn't come through on your end.

(b) (6), (b) (7)(C)

Real Estate Specialist

LMI Government Consulting

Border Patrol Facilities and Tactical Infrastructure Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
Sent: Friday, October 10, 2014 9:05 AM
To: (b) (6), (b) (7)(C)
Subject: Re: RE Question

Thanks, (b) (6), (b) (7)(C) Will get this over to Corps asap. - (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Real Estate Specialist

LMI Government Consulting

Border Patrol Facilities and Tactical Infrastructure Program Management Office

From: (b) (6), (b) (7)(C)

Sent: Friday, October 10, 2014 08:22 AM Eastern Standard Time

To: (b) (6), (b) (7)(C)

Subject: RE: RE Question

See comment is in RED below

Respectfully,

(b) (6), (b) (7)(C)

Program Manager / COR III

Del Rio & Big Bend Sectors

DHS/CBP

FM&E BPFTI-Tactical Infrastructure

Desk: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, October 09, 2014 5:32 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: RE Question

(b) (6), (b) (7)(C) - Can you please provide some additional detail on:

(b)(7)(E)

(b) (5), (b) (7)(E)

Thanks. -- (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Real Estate Specialist

LMI Government Consulting

Border Patrol Facilities and Tactical Infrastructure Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy"

From: (b) (6), (b) (7)(C)
Sent: Thursday, October 09, 2014 10:14 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: Re: RE Question

Will do. Thanks for clarifying.

(b) (6), (b) (7)(C)

Real Estate Specialist

LMI Government Consulting

Border Patrol Facilities and Tactical Infrastructure Program Management Office

From: (b) (6), (b) (7)(C)
Sent: Thursday, October 09, 2014 09:28 AM Eastern Standard Time
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: RE Question

Ok, no problem, so (b) (6), (b) (7)(C) - would you like to coordinate through (b) (6), (b) (7)(C) that we need some ownership ID and ROE-S's in this area?

Very Respectfully,

(b) (6), (b) (7)(C)

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing

Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Thursday, October 09, 2014 9:22 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: RE Question

This is a proposed future CTIMR repair effort concerning Erosion along our TI. Survey is to determine best path forward and the area which will be repaired if we pursue such an action..

Respectfully,

(b) (6), (b) (7)(C)

Program Manager / COR III

Del Rio & Big Bend Sectors

DHS/CBP

FM&E BPFTI-Tactical Infrastructure

Desk: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Thursday, October 09, 2014 7:49 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: RE Question

Good Morning (b) (6), (b) (7)(C)

(b) (5)

Thanks!

Very Respectfully,

(b) (6), (b) (7)(C)

Real Estate Program Manager

LMI Government Consulting

Border Patrol Facilities & Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

U.S. Customs and Border Protection

Office: (b) (6), (b) (7)(C)

Blackberry: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing

Border Patrol's proud legacy.

From: (b) (6), (b) (7)(C)

Sent: Wednesday, October 08, 2014 4:02 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE Question

Can either of you clarify who owns the property below. We need to conduct a topo survey. The area is located in Eagle Pass (b)(7)(E) within the (b)(7)(E) fence section. We will need a ROE as well to execute.

EP-M-2C-Survey

Respectfully,

(b) (6), (b) (7)(C)

Program Manager / COR III

Del Rio & Big Bend Sectors

DHS/CBP

FM&E BPFTI-Tactical Infrastructure

Desk: (b) (6), (b) (7)(C)

Cell: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development. (UNCLASSIFIED)
Date: Tuesday, May 05, 2015 9:36:02 AM

Funny.

Yeah, the transfer of a .xer file is not critical to me. :)

Very Respectfully,

(b) (6), (b) (7)(C), MBA PMP
Real Estate Program Manager
LMI Government Consulting
Border Patrol Facilities & Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
U.S. Customs and Border Protection

Blackberry: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Excel as a trusted strategic partner enhancing
Border Patrol's proud legacy.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 05, 2015 9:14 AM
To: (b) (6), (b) (7)(C)
Subject: RE: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

What you don't want to be in the know?? Where is the love??

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 05, 2015 9:12 AM
To: (b) (6) | (b) (6), (b) (7)(C)
(b) (6) | (b) (6), (b) (7)(C) | (b) (6)
Cc: (b) (6), (b) (7)(C) | (b) (6) | (b) (6), (b) (7)(C)
Subject: Re: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

It's just me speaking, but if you're discussing something that only pertains to a few people on the distribution list - please try to drop other CC's of your email. Otherwise it becomes a bit unwieldy to sort through all the message traffic.

Just a recommendation,
Thanks!

----- Original Message -----

From: (b) (6)
Sent: Tuesday, May 05, 2015 09:08 AM Eastern Standard Time
To: (b) (6), (b) (7)(C)

(b) (6)

(b) (6) ; (b) (6), (b) (7)(C) ; (b) (6)
(b) (6)
Cc: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: RE: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b) (6)

Please send (b) (6), (b) (7)(C) the .xer.

(b) (6)

(b) (6)
Western Region Program Manager
ECISO, TI Branch
USACE Fort Worth District
office (b) (6)
bb (b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, May 05, 2015 8:06 AM
To: (b) (6) ; (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
(b) (6) ; (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C) ; (b) (6), (b) (7)(C) ; (b) (6), (b) (7)(C)
(b) (6)
Subject: [EXTERNAL] RE: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Thanks, I will need the XER as soon as possible.

Regards,

(b) (6), DM, PMP

Sr. Program Management Consultant (Scheduling)

Business Operations Division

E3 Federal Solutions, LLC

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6)

Mobile (b) (6)

(b) (6)

From: (b) (6)

Sent: Monday, May 04, 2015 6:25 PM

To: (b) (6), (b) (7)(C)

(b) (6)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Subject: RE: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)(C)

Attached is our first pass at a crash schedule to get an award before Sept 30th. We did not work the RE/ENV section (nor Construction). This is .pdf, I am guessing you might want an .xer. (b) (6), cc'ed, can send you a copy upon request.

Please let me know if you have questions,

(b) (6)

(b) (6)

Western Region Program Manager

ECSO, TI Branch

USACE Fort Worth District

office (b) (6)

bb (b) (6)

From: (b) (6), (b) (7)(C)

Sent: Monday, May 04, 2015 12:33 PM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Ok thanks. I will adjust to show August 1 per (b) (6), (b) (7)(C) prior memo.

Regards,

(b) (6), (b) (7)(C), DM, PMP

Sr. Program Management Consultant (Scheduling)

Business Operations Division

E3 Federal Solutions, LLC

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Monday, May 04, 2015 1:31 PM
To: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C) ;
(b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
(b) (6)
Cc: (b) (6), (b) (7)(C) ; (b) (6) ; (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: RE: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

To plug something in, I'd say yes. That said, I'm going to talk to (b) (6), (b) (7)(C) about timelines this week to see if we can get something more solid.

Thanks!

(b) (6), (b) (7)(C)

OA / FM&E / BPFTI PMO / PPA

(b) (6), (b) (7)(C) (w)

(b) (6), (b) (7)(C) (bberry)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Monday, May 04, 2015 8:54 AM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C);
(b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

(b) (6)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Subject: RE: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

(b) (6), (b) (7)(C)

Regarding the IAA. Should I used the Generic IAA fragnet, we developed in January/February for Project?

Regards,

(b) (6), (b) (7)(C), DM, PMP

Sr. Program Management Consultant (Scheduling)

Business Operations Division

E3 Federal Solutions, LLC

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)

Sent: Monday, May 04, 2015 9:51 AM

To: (b) (6); (b) (6), (b) (7)(C);

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Subject: RE: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

One Action of steps and milestones will be the funding and mod to the IAA...to USACE. That could be a risk if this is not a priority within CBP...

From: (b) (6)

Sent: Monday, May 04, 2015 9:43 AM

To: (b) (6), (b) (7)(C);

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

Subject: RE: Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
(UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b) (6), (b) (7)(C)

(b) (6) and I will work the Design and Procurement schedule (to include funding milestones) that gets us to award and deliver that to you today. I understand that you will consolidate that with the RE and ENV activities and milestones from (b) (6), (b) (7)(C) team. That should get us to the goal of having an initial schedule that reflects the viability of Award by Sept 30th. I think the post-Award schedule to include Construction will become clearer sometime after project launch as we dig into the details. Of course, that appears to be of secondary importance at this particular moment.

Sound like the right track?

(b) (6)

(b) (6)

Western Region Program Manager

ECSO, TI Branch

USACE Fort Worth District

office (b) (6)

bb (b) (6)

From: (b) (6), (b) (7)(C)
Sent: Friday, May 01, 2015 5:49 PM
To: (b) (6), (b) (6), (b) (7)(C), (b) (6); (b) (6), (b) (7)(C),
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (6), (b) (6), (b) (7)(C);
(b) (6), (b) (7)(C)
Subject: [EXTERNAL] Special Assignment....ANAPRA Fence Repair Schedule & Milestone Development.
Importance: High

(b) (6), (b) (6), (b) (7)(C), (b) (6), (b) (6), (b) (7)(C) :

I appreciate the help and support you all will provide for the Border Patrol request to pre-plan, in the event BPFTI receives additional funds to repair the ANAPRA Fence in El Paso, Texas.

As requested by (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) we as a team will work to develop a Schedule, with appropriate Milestones, that will demonstrate how we and the Corps can get to award by September 30, 2015.

This morning I met with (b) (6), (b) (7)(C) and I asked him to reach out to each of you in order to acquire the relevant activities, risks and milestones that will get us to Award on September 30, 2015.

As I see it, each of you have a part in the schedule. For example, RE/ENV will have activities and milestones to provide clearance to repair the ANAPRA fence. BusOps will have activities and milestones to provide to drive the Procurement and Funding process.

The Corps will provide the work break down structure, risks, activities and milestones to get ANAPRA Fence awarded.

In addition, (b) (6), (b) (7)(C) has designated (b) (6), (b) (7)(C) and the PM for the project.

My role is to support (b) (6), (b) (7)(C) and bring together the team and resources for the pre-planning, and execution if it comes to that.

As you may have already seen, (b) (6), (b) (7)(C) sent an email yesterday with the most current PDR. Please take the time to read it.

In addition, we will hold our first review of the Schedule and Milestones May 6th. An invite will be forthcoming.

Our collective goal will be to present a Schedule, Milestone and Risk Matrix to (b) (6), (b) (7)(C) and (b) (6), (b) (7)(C) on May the 12th in Ft. Worth. (b) (6), (b) (7)(C) will be sending an invite.

Thank you and I look forward to working with all of you.

If you have any questions, please do contact me.

Regards,

(b) (6), (b) (7)(C), CBM, PMP

Tactical Infrastructure (TI)

CBP-OA-FM&E BPFTI

(b) (6), (b) (7)(C) (Cell)

(b) (6), (b) (7)(C) (Office)

Washington, D.C. 20004

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands
Date: Tuesday, January 06, 2015 8:21:08 PM

Absolutely...

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 8:21 PM
To: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Not sure, although I will be discussing with him. Thanks for keeping me in the loop.

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 5:19 PM
To: (b) (6), (b) (7)(C)
Subject: FW: (b) (7)(E), (b) (3) M and R Project on ASLD lands

FYSA.

Is there a reason why he is not including you in emails??

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 6:23 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C)
Subject: FW: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)(C)

(b) (7)(E), (b) (5), (b) (6), (b) (3)

. thanks

(b) (6)

Senior Environmental Specialist
RE and Env Division
LMI
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)

“Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.”

-----Original Message-----

From: (b) (6)
Sent: Tuesday, January 06, 2015 5:55 PM

To: (b) (6), (b) (7)(C) (b) (6) (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

All,

(b) (5)

(b) (6)
Realty Specialist
USACE - Real Estate Division
1325 J St
Sacramento, CA 95814
(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)]
Sent: Tuesday, January 06, 2015 1:38 PM
To: (b) (6), (b) (7)(C) (b) (6) (b) (6)
Subject: [EXTERNAL] RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)

Thanks..

(b) (6), (b) (7) et al...let me know if you need anything from me...

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 4:07 PM
To: (b) (6), (b) (7)(C) (b) (6)
(b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Please keep (b) (6), (b) (7) in the emails on this topic. I will be out of pocket for most of the remainder of the week and he is helping me out.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 1:22 PM

To: (b) (6)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Gentlemen,

(b) (6), (b) (7)(C), Tucson Sector Chief of TI M and R, just called me in a bit of a panic about this project which the state has recently given a green RE light to. The Tucson Sector maintenance worker was at the site today planning to cut the fence which parallels the highway so that M and R could begin along the revised route tomorrow when the ASLD grazing permit holder approached him and advised this worker that the fence belonged to him and that the maintenance worker had no authorization to cut it. Therefore, the bypass cannot be accessed, and equipment planned for use in performing M and R work on this road beginning tomorrow will be sitting idle.

It appears the bottom line is that we need to determine who owns the fence, which must be cut in order to follow the road alignment approved by ASLD. Any thoughts or assistance on this matter would be greatly appreciated.

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands
Date: Wednesday, January 07, 2015 7:10:56 AM
Attachments: [CATEX TCA \(b\) \(7\)\(E\) Road relocation at \(b\) \(7\)\(E\), \(b\) \(3\) 092414 Signed PE.docx](#)

(b) (6), (b) (7)(C)

Attached is the background information on the (b) (7)(E), (b) (3) road relocation project to be provided to your ranch liaison. I do not want to highlight the archeological site as there has already been some looting reported at the site, but it is clear that some explanation will need to be provided to the lease in order to secure permission to move forward with this project.

(b) (6), (b) (7)(C)

Senior Environmental Specialist
RE and Env Division
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)

“Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.”

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 6:23 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6)
(b) (6), (b) (7)(C)
Subject: FW: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)(C)

(b) (7)(E), (b) (5), (b) (6), (b) (3)

. thanks

(b) (6), (b) (7)(C)

Senior Environmental Specialist
RE and Env Division
LMI
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)

“Excel as a trusted strategic partner enhancing Border Patrol's proud legacy.”

-----Original Message-----

From: (b) (6)

Sent: Tuesday, January 06, 2015 5:55 PM

To: (b) (6), (b) (7)(C) (b) (6) ; (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

All,

(b) (5)

(b) (6)

Realty Specialist

USACE - Real Estate Division

1325 J St

Sacramento, CA 95814

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 1:38 PM

To: (b) (6), (b) (7)(C) (b) (6) ; (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)

Thanks..

(b) (6), (b) (7) et al...let me know if you need anything from me...

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 4:07 PM

To: (b) (6), (b) (7)(C) (b) (6)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Please keep (b) (6), (b) (7) in the emails on this topic. I will be out of pocket for most of the remainder of the week and he is helping me out.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 1:22 PM

To: (b) (6)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Gentlemen,

(b) (6), (b) (7)(C), Tucson Sector Chief of TI M and R, just called me in a bit of a panic about this project which the state has recently given a green RE light to. The Tucson Sector maintenance worker was at the site today planning to cut the fence which parallels the highway so that M and R could begin along the revised route tomorrow when the ASLD grazing permit holder approached him and advised this worker that the fence belonged to him and that the maintenance worker had no authorization to cut it. Therefore, the bypass cannot be accessed, and equipment planned for use in performing M and R work on this road beginning tomorrow will be sitting idle.

It appears the bottom line is that we need to determine who owns the fence, which must be cut in order to follow the road alignment approved by ASLD. Any thoughts or assistance on this matter would be greatly appreciated.

(b) (6), (b) (7)(C)

Senior Environmental Specialist

RE and Env Division

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Cell: (b) (6), (b) (7)(C)

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Instructions: Section I is to be completed and signed by the Environmental Program Manager/Project Manager for the Proposed Action. Sections II, III, IV, and V are to be completed and signed by agency environmental staff that are working on the Proposed Action, and finally signed by the CBP NEPA Document Signature Authority. Continue on separate sheets if necessary.

PROJECT NAME: Minor Road Relocation of (b) (7)(E), (b) (3) on AZ State Lands

SECTION I –Proponent Information

1. Project Proponent: U.S. Customs and Border Protection Office of Border Patrol	2. Project Manager (PM): BPFTI PMO PM (b) (6), (b) (7)(C)	2a. PM Contact Info (phone/email): Phone: (b) (6), (b) (7)(C) Email: (b) (6), (b) (7)(C)
--	---	--

3. Title of Proposed Action:
Minor relocation of (b) (7)(E), (b) (3)

4. Description of Proposed Action and Alternatives: (Sufficient information must be provided to answer Section II.) These descriptions need to reflect the full action and all of the installed equipment.

(b) (7)(E), (b) (3)

This road is in urgent need of maintenance and repair. During the course of the survey of the road which was required to secure the RE from the Arizona State Lands Department, it was determined that a portion of the existing road crosses the eastern end of a significant archeological site (b)(3). CBP coordinated with the AZ SHPO and the Arizona State Lands Department to reach an agreement to relocate the existing road to ensure that future maintenance activities of the road will have no impact on the archeological site (see attached map). The new road required to bypass the archeological site will be approximately 100 meters in length. The archeological site will be marked by a professional archeologist, and the new bypass road will be constructed by the TIMR contractor. The TIMR contractor will remove the staking at the conclusion of the construction of the new route.

5. Purpose and Need for Proposed Action:

(b) (7)(E), (b) (3)

However an existing archaeological site occurs on a portion of (b) (7)(E), (b) (3). Therefore, the purpose of the proposed action is to relocate a portion of the existing road to avoid potential future maintenance and repair impacts to the significant archeological site.

6. Environmental Manager/Project Manager (Name and Title): (b) (6), (b) (7)(C)	6a. Signature: (b) (6), (b) (7)(C)	6b. Date: September 24, 2014, 2014
--	---------------------------------------	--

SECTION II—Environmental Staff: Proposed Action Clearly Fits a Category of Excludable Actions (DHS Directive 023-01)

7. ☒ The entire Proposed Action clearly fits within the category of excludable actions set forth as Categorical Exclusion (CatEx) #D1 in DHS MD 023-01.

☐ The entire Proposed Action does not clearly fit within any of the categories of excludable actions set forth in DHS MD 023-01.

Remarks:

D1: Minor renovations and additions to buildings, roads, airfields, grounds, equipment, and other facilities that do not result in a change in the functional use of the real property (e.g. realigning interior spaces of an existing building, adding a small storage shed to an existing building, retrofitting for energy conservation, or installing a small antenna on an already existing antenna tower that does not cause the total height to exceed 200 feet and where the FCC would not require an environmental assessment or environmental impact statement for the installation).

SECTION III—Environmental Staff: Analysis as to Whether the Proposed Action is a Part of a Larger Action (DHS Directive 023-01)

8. ☒ Proposed Action Is Not a Piece of a Larger Action OR

☐ Proposed Action Is a Piece of a Larger Action.

Remarks: The proposed road relocation project is not part of a larger action, and will not result in any significant environmental impact (direct or indirect) when added to other past, present and reasonably foreseeable actions known at this time.

SECTION IV—Environmental Staff: Extraordinary Circumstances Analysis (DHS Directive 023-01)

9. Extraordinary Circumstances:

☒ Based on my review of the information that has been provided to me and that I have in my possession, no extraordinary circumstances apply to the Proposed Action (see A through K below); OR

☐ Based on my review of the information that has been provided to me and that I have in my possession, at least one extraordinary circumstance does apply to the Proposed Action (see A through K below). Therefore, a CATEX does NOT apply.

YES	NO	For A through K below, check the appropriate box (YES or NO) and provide description as appropriate.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	A. Will the Proposed Action have a potentially significant effect on public health or safety? Remarks: The proposed action will have no measurable effect on public health or safety.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B. Will the Proposed Action significantly affect species or habitats protected by the Endangered Species Act, Marine Mammal Protection Act, the Migratory Bird Treaty Act, or the Magnuson-Stevens Fishery Conservation and Management Act? Remarks: The project is not located in suitable or critical habitat for any listed species, therefore the proposed action will have no effect on listed or other federally protected species or their habitat. Section reviewed by: (b) (6), (b) (7)(C)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	C. Will the Proposed Action significantly affect a district, site, highway, structure, or object that is listed or eligible for listing in the National Register of Historic Places, or will it significantly affect historic or cultural resources, traditional or sacred sites, or result in the

		<p>destruction of a significant scientific, cultural, or historic resource?</p> <p><i>Remarks:</i> A cultural resource survey for the entire length of the (b) (7)(E), (b) (3) has been completed. This survey recommended a minor road relocation to avoid a significant archeological site (b)(3). In subsequent discussions with both the AZ SHPO and the AZ State Land Department Archeologist, an agreement was reached to relocate the existing road. Based on that agreement, the Arizona SHPO has concurred the proposed relocation will have no effect on historic properties (see attached letter).</p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>D. Will the Proposed Action significantly affect an environmentally sensitive area?</p> <p><i>Remarks:</i> This proposed realignment is not located in an environmentally sensitive area. The vegetation in this area consists of scattered creosotebush and exotic grasses. There are no sensitive, rare or unique vegetation associations which will be impacted by the proposed disturbance of an estimated 0.14 acres of locally common vegetation.</p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>E. Will the Proposed Action result in a potential or threatened violation of a federal, state, or local law or administrative determination imposed for protection of the environment?</p> <p><i>Remarks:</i> The proposed action will not violate any Federal, state, or local law.</p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>F. Will the Proposed Action result in an effect on the quality of the human environment that is likely to be highly controversial, highly uncertain, or involve unique or unknown environmental risks?</p> <p><i>Remarks:</i> The proposed action involves the relocation of an existing road to avoid an archaeological site using typical construction processes. The proposed action will not have an adverse effect on the human environment and will not be controversial or involve unique or unknown environmental risks.</p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>G. Will the Proposed Action employ new or unproven technology that is likely to involve unique or unknown environmental risks?</p> <p><i>Remarks:</i> The proposed action does not involve the use of any unproven technologies as it involves the relocation of an existing road to avoid an archaeological site using typical construction processes.</p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>H. Will the Proposed Action set a precedent for future actions that have significant effects?</p> <p><i>Remarks:</i> The proposed action will not set a precedent for future actions that have significant effects.</p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>I. Is the Proposed Action significantly greater in scope or size than is normally experienced for this particular category of action?</p> <p><i>Remarks:</i> The proposed action involves the relocation of an existing road using typical equipment and processes. The proposed action is not greater in scope or size than is normally experienced for this category of action.</p>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>J. Will the Proposed Action significantly degrade an already poor environmental condition at or near the project area?</p> <p><i>Remarks:</i> The proposed action will improve local environmental conditions by protecting a significant cultural resource.</p>

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>K. Is the Proposed Action related to other actions with individually insignificant, but cumulatively significant impacts?</p> <p><i>Remarks:</i> There are no other actions currently planned or known for this road.</p>
<p>SECTION V – Environmental Analysis Determination</p>		
<p>10. <input checked="" type="checkbox"/> Proposed Action Qualifies for Categorical Exclusion (CATEX) # D1 (See Table 1); OR <input type="checkbox"/> Proposed Action does <u>NOT</u> qualify for a CATEX and further environmental analysis is required.</p>		
<p>11. <i>Remarks:</i> Based on a review of the information provided for the proposed action, there are no extraordinary circumstances associated with the action and therefore the action qualifies as a CATEX #D1 under DHS Directive 023-01.</p>		
<p>12. Project Proponent Name and Title:</p> <p>(b) (6), (b) (7)(C) Director-Border Patrol TI SPPA-ORMB Headquarters Border Patrol (b) (6), (b) (7)(C) Office BB</p>	<p>12a. OBP Proponent Signature:</p>	<p>12b. Date:</p>
<p>13. BP FTI PMO Signature Authority Name and Title:</p> <p>(b) (6), (b) (7)(C) Environmental Branch Chief</p>	<p>13a. Program Management Signature Authority Signature:</p> <p>(b) (6), (b) (7)(C)</p>	<p>13b. Date:</p> <p>September 24, 2014</p>

(b)(3)

NRE
1300 Pennsylvania Avenue NW
Washington, DC 20229
SAPO-2013-0763 (115416)



U.S. Customs and
Border Protection

OCT 18 2013

(b) (6)

Deputy State Historic Preservation Office
1300 W. Washington Street
Phoenix, AZ 85007



Dear (b) (6)

U.S. Customs and Border Protection (CBP) is proposing to conduct grading and other routine road maintenance activities along an unnamed dirt road (referred to here and in the attached cultural report as (b) (7)(E), (b) (3) in Pima County, Arizona pursuant to Application Number 14-117549 issued by the Arizona State Land Department. In compliance with Section 106 of the National Historic Preservation Act (NHPA), Department of Homeland Security (DHS) Management Directive 023-01, and the Arizona Antiquities Act, CBP has determined that, because of the nature and scope of the undertaking, the proposed project has the potential to cause effects to historic properties.

The area of potential effect (APE) for the maintenance project is limited a 30 foot wide right-of-way (ROW) along approximately 2 miles of road extending north from (b) (7)(E), (b) (3) to an unnamed location used for housing CBP monitoring equipment.

Prior cultural resource surveys had identified one cultural resource (site (b) (3) within the project area. This site is located (b) (7)(E), (b) (3) Road.

HRA, Inc. conducted a cultural resource survey of the APE for the project. The results of that survey are described in the attached report: *A Cultural Resource Survey of Approximately 2 Miles of (b) (7)(E), (b) (3) Pima County, Arizona (October 2013)*. HRA relocated the previously identified site, and recorded one new archaeological site (Table 1).

Table 1. Cultural Resources Present in the Project Area

Site Number	Description	Eligibility Recommendation
(b) (3)	Prehistoric artifact scatter	Eligible
	Historic artifact scatter/campsite	Not Eligible

Site (b) (3) is a previously recorded site that is described as a moderate density, prehistoric artifact scatter, including six ground stone artifacts, hundreds of ceramics and flaked stone artifacts, and one possible feature (a rock concentration). HRA relocated the site, and identified numerous additional ground stone artifacts (16 total), and one additional feature. Although HRA feels that both features are more likely to be historic or modern rather than prehistoric, HRA also feels there is ample evidence for depth on the site and concurs with the previous recommendation of the site as Eligible to both the State and National Registers of Historic Places under criterion D.

(b) (6)

Page 2

Site (b)(3) is a newly recorded site that consists of a scatter of historic artifacts, and one feature. Two distinct concentrations of artifacts are present on the site, one that appears to be related to the feature, and a second concentration that may represent an unrelated dumping episode. The feature is the remains of an historic campfire ring, while the artifacts probably date to the mid- to late-1950s. Because there is no evidence for depth on the site, and the current recording has exhausted the information potential of the site, HRA recommends that the site is Not Eligible to the State or National Registers of Historic Places.

CBP agrees with HRA's recommendations that site (b)(3) is eligible for the State and National Register under criterion D, while (b)(3) is not eligible for the State or National Register.

Following discussions with your office and the Arizona State Lands Department, CBP has determined that while there is no surficial evidence that past road use and maintenance have resulted in adverse effects to (b)(3) along the northeastern edge of the site, where the artifact density is extremely sparse, CBP cannot be certain that future road maintenance will have no effect on this site. Therefore, CBP proposes to relocate the existing road to the east to entirely avoid the site, as depicted on the attached diagram. Based on this proposed course of action, CBP has determined the proposed undertaking will have No Adverse Effect to any historic properties.

Letters of interest have previously been sent to the Hopi, the Tohono O'odham Nation, the Ak-Chin Indian Community, the Gila River Indian Community, the Salt River Pima-Maricopa Indian Community, the San Carlos Apache Tribe, the Pascua Yaqui Tribe and Arizona State Land Department. The Tohono O'odham Nation, Gila River Indian Community and Hopi Tribe have all requested to be consulting parties on the proposed action and will therefore be sent copies of the cultural resources survey report for review and comment.

I request your concurrence with the eligibility determinations, and with the recommendation of No Adverse Effect for the proposed action. A signature line below is provided to facilitate your response. I request that you return the signed document via email to me at

(b) (6), (b) (7)(C)

If you have questions or concerns about this project, please contact myself at (b) (6), (b) (7)(C).
Thank you for your cooperation.

Sincerely,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Environmental Branch Chief
Border Patrol Facilities and Tactical Infrastructure
Program Management Office

Enclosures

Site (b)(3) to be avoided!
No Adverse Effect to Historic
Properties
CONCURRED
(b) (6)
10/29/13
Arizona State Historic Preservation Office

From: (b) (6), (b) (7)(C)
To: (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands
Date: Friday, January 23, 2015 10:27:30 AM

(b) (6), (b) (6) in the interim while you work with the state and lease on the moving of the gate. The bypass road was completed and dead-ends at the fence where the gate is to be relocated. I was wondering if you talk to the state to see if we can continue with the road repairs by breaking the fence at the bypass road location where the gate was to be moved to, perform the repairs to the entire road leading to the tower site, and when done re-install the fence back to the same condition. The traffic usage using the current gate route will not change and we will not impact this area at all during the repairs.

Thank you,

(b) (6), (b) (7)(C)
Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
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-----Original Message-----

From: (b) (6)
Sent: Wednesday, January 21, 2015 10:08 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (6) - I checked in yesterday and this morning. The ROW administrator is out of the office today. I will try back tomorrow and press for an answer out of the two departments.

(b) (6)
Realty Specialist
USACE - Real Estate Division
1325 J St
Sacramento, CA 95814
(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 21, 2015 7:42 AM
To: (b) (6); (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6)
Subject: [EXTERNAL] RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6) have you received any updates on (b) (7)(E), (b) (3) road access? If you need anything from me please let me know.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6)
Sent: Monday, January 12, 2015 12:09 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

All

No decision yet from the State. The ROW department needs to confer with the range/lease department regarding whether or not the range/lease department will allow access for maintenance of the road prior to a signed ROW. We have verbal permission from the ROW department, but the range/lease department was unaware of our application and permission. The range department is reviewing our application and I've been told to expect a decision next week.

(b) (6)

Realty Specialist
USACE - Real Estate Division
1325 J St
Sacramento, CA 95814

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Thursday, January 08, 2015 10:44 AM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6)
Subject: [EXTERNAL] RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

All,

The ranch owner is Pima County and their ranch manager, was the individual that asked that the fence not be cut.

(b) (6) has now been working with the State and the Grazing lease hold Pima County. Pima County has agreed to allow the cut, as long as the state approves it. (b) (6) is getting that approval. (b) (6) is should have answers tomorrow. In the interim. We would ask that no one talk to the ranch manager or the State.

We will get back to you tomorrow. I want to thank (b) (6) for all his work on this matter.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Real Estate Program Manager

Real Estate and Environmental Services Division Border Patrol Facilities and Tactical Infrastructure Program
Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 07, 2015 7:11 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (6), (b) (7)(C), (b) (6)

(b) (6), (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)(C)

Attached is the background information on the (b) (7)(E) road relocation project to be provided to your ranch liaison. I do not want to highlight the archeological site as there has already been some looting reported at the site, but it is clear that some explanation will need to be provided to the lease in order to secure permission to move forward with this project.

(b) (6), (b) (7)(C)

Senior Environmental Specialist

RE and Env Division

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Cell: (b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 6:23 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (6), (b) (7)(C), (b) (6)

(b) (6), (b) (6), (b) (7)(C)

Subject: FW: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)(C)

(b) (5), (b) (6), (b) (7)(E), (b) (3)

. thanks

(b) (6), (b) (7)(C)

Senior Environmental Specialist
RE and Env Division
LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

-----Original Message-----

From: (b) (6)

Sent: Tuesday, January 06, 2015 5:55 PM

To: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C), (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

All,

(b) (5)

(b) (6)

Realty Specialist
USACE - Real Estate Division
1325 J St
Sacramento, CA 95814

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 1:38 PM

To: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)

Thanks..

(b) (6), (b) (7) et al...let me know if you need anything from me...

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 4:07 PM
To: (b) (6), (b) (7)(C); (b) (6)
(Daniel.C.Fodrini@usace.army.mil); BRUNNER, ROBERT J
Cc: ANDERSON, ABEL
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Please keep (b) (6), (b) (7)(C) in the emails on this topic. I will be out of pocket for most of the remainder of the week and he is helping me out.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 1:22 PM
To: (b) (6) (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Gentlemen,

(b) (6), (b) (7)(C), Tucson Sector Chief of TI M and R, just called me in a bit of a panic about this project which the state has recently given a green RE light to. The Tucson Sector maintenance worker was at the site today planning to cut the fence which parallels the highway so that M and R could begin along the revised route tomorrow when the ASLD grazing permit holder approached him and advised this worker that the fence belonged to him and that the maintenance worker had no authorization to cut it. Therefore, the bypass cannot be accessed, and equipment planned for use in performing M and R work on this road beginning tomorrow will be sitting idle.

It appears the bottom line is that we need to determine who owns the fence, which must to cut in order to follow the road alignment approved by ASLD. Any thoughts or assistance on this matter would be greatly appreciated.

(b) (6), (b) (7)(C)

Senior Environmental Specialist

RE and Env Division

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: Re: (b) (7)(E), (b) (3) M and R Project on ASLD lands
Date: Friday, February 20, 2015 11:52:10 AM

Folks,

Yesterday, CBP received additional comments on the archeological "treatment" plan for arch sites within the road footprint on ASLD lands from the SHPO. I would characterize these comments as minimal and relatively easy to address. Our attempt from the outset on this effort has been to get the SHPO and archeologist from ASLD moving forward together (since both offices will ultimately have to sign off). While SHPO has been responsive (and an agreement with that office for all 45 miles of TIMR roads on ASLD lands is very close as described above), the ASLD archeologist has not been responsive. For this reason, I am not sure how close we are to agreement with that office. SHPO has agreed to help try to get the ASLD archeologist engaged.

(b) (6), (b) (7)(C)

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Friday, February 20, 2015 11:36 AM Eastern Standard Time
To: (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Hi (b) (6), (b) (7)(C) how did the meeting go with the state the other day? Just to understand...are these meeting in reference to all state land issues or just the (b) (7)(E), (b) (3)? I ask because we are need of the state land ok to perform repairs in The Baboquavari mountains too as well as other areas across the state.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Office: (b) (6), (b) (7)(C)
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Wednesday, January 21, 2015 8:42 AM
To: (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)(C)

have you received any updates on (b) (7)(E), (b) (3) road access? If you need anything from me please let me

know.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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-----Original Message-----

From: (b) (6)

Sent: Monday, January 12, 2015 12:09 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

All

No decision yet from the State. The ROW department needs to confer with the range/lease department regarding whether or not the range/lease department will allow access for maintenance of the road prior to a signed ROW. We have verbal permission from the ROW department, but the range/lease department was unaware of our application and permission. The range department is reviewing our application and I've been told to expect a decision next week.

(b) (6)

Realty Specialist

USACE - Real Estate Division

1325 J St

Sacramento, CA 95814

(b) (6), (b) (7)(C)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Thursday, January 08, 2015 10:44 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6)

Subject: [EXTERNAL] RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

All,

The ranch owner is Pima County and their ranch manager, was the individual that asked that the fence not be cut.

(b) (6) has now been working with the State and the Grazing lease hold Pima County. Pima County has agreed to allow the cut, as long as the state approves it. (b) (6) is getting that approval. (b) (6) should have answers tomorrow. In the interim. We would ask that no one talk to the ranch manager or the State.

We will get back to you tomorrow. I want to thank (b) (6) for all his work on this matter.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Real Estate Program Manager

Real Estate and Environmental Services Division Border Patrol Facilities and Tactical Infrastructure Program
Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Wednesday, January 07, 2015 7:11 AM

To: (b) (6), (b) (7)(C)

Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6)

Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)(C)

Attached is the background information on the (b) (7)(E), (b) (3) road relocation project to be provided to your ranch liaison. I do not want to highlight the archeological site as there has already been some looting reported at the site, but it is clear that some explanation will need to be provided to the lease in order to secure permission to move forward with this project.

(b) (6), (b) (7)(C)

Senior Environmental Specialist

RE and Env Division

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and
Engineering

Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 6:23 PM

To: (b) (6), (b) (7)(C)

Cc: (b) (6); (b) (6); (b) (6)

Subject: FW: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)(C)

(b) (5), (b) (6), (b) (7)(E), (b) (3)

. thanks

(b) (6), (b) (7)(C)

Senior Environmental Specialist

RE and Env Division

LMI

Border Patrol Facilities and Tactical Infrastructure Program Management Office Facilities Management and Engineering

Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

-----Original Message-----

From: (b) (6)

Sent: Tuesday, January 06, 2015 5:55 PM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)

Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

All,

(b) (5)

(b) (6)

Realty Specialist

USACE - Real Estate Division

1325 J St

Sacramento, CA 95814

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 1:38 PM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6); (b) (6), (b) (7)(C)

Subject: [EXTERNAL] RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)

Thanks..

(b) (6), (b) (7) et al...let me know if you need anything from me...

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 4:07 PM

To: (b) (6), (b) (7)(C); (b) (6); (b) (6)

(b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Please keep (b) (6), (b) (7)(C) in the emails on this topic. I will be out of pocket for most of the remainder of the week and he is helping me out.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 1:22 PM

To: (b) (6) (b) (6) (b) (6)

Cc: (b) (6), (b) (7)(C)
Subject: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Gentlemen,

(b) (6), (b) (7)(C), Tucson Sector Chief of TI M and R, just called me in a bit of a panic about this project which the state has recently given a green RE light to. The Tucson Sector maintenance worker was at the site today planning to cut the

fence which parallels the highway so that M and R could begin along the revised route tomorrow when the ASLD grazing permit holder approached him and advised this worker that the fence belonged to him and that the maintenance worker had no authorization to cut it. Therefore, the bypass cannot be accessed, and equipment planned for use in performing M and R work on this road beginning tomorrow will be sitting idle.

It appears the bottom line is that we need to determine who owns the fence, which must be cut in order to follow the road alignment approved by ASLD. Any thoughts or assistance on this matter would be greatly appreciated.

(b) (6), (b) (7)(C)

Senior Environmental Specialist

RE and Env Division

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands
Date: Tuesday, January 06, 2015 8:17:42 PM

Ok. Thanks.. (b) (5)

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 6:45 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: Re: (b) (7)(E), (b) (3) M and R Project on ASLD lands

I had to double up the crews on the border road until we get this or the private property issue resolved. I have them working...

Thank You, (b) (6), (b) (7)(C) PM/COR, TI Division Office: (b) (6), (b) (7)(C) Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) Sent from my blackberry

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 03:08 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Thanks.

I need to know impact to CTIMR commencing tomorrow.

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 4:50 PM
To: (b) (6), (b) (7)(C); (b) (6)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

I attempted to call (b) (6), (b) (7)(C) He is not in and (b) (6), (b) (7)(C) (b) (6) I will be working on this in the morning. We can determine the grazing ranchers interests.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Real Estate Program Manager

Real Estate and Environmental Services Division Border Patrol Facilities and Tactical Infrastructure
Program Management Office Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

BB: (b) (6), (b) (7)(C)

Email: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 3:22 PM

To: (b) (6)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Gentlemen,

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(b) (6), (b) (7)(C)

Senior Environmental Specialist

RE and Env Division

LMI

Border Patrol Facilities and Tactical Infrastructure

Program Management Office

Facilities Management and Engineering

Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

From: (b) (6), (b) (7)(C)
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: Re: (b) (7)(E), (b) (3) M and R Project on ASLD lands
Date: Tuesday, January 06, 2015 6:48:55 PM

It hasn't happen yet. I am in h*lf day in afternoon tomorrow, on job walks all tomorrow, and off on Friday for use or lose.

Thank You,
Division Office: (b) (6), (b) (7)(C) PM/COR, TI
Mobile: (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) Sent from my blackberry

----- Original Message -----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 04:22 PM
To: (b) (6), (b) (7)(C)
Cc: (b) (6); (b) (6); (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Subject: FW: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)(C)

(b) (5), (b) (6), (b) (7)(E), (b) (3)

thanks

(b) (6), (b) (7)(C)

Senior Environmental Specialist
RE and Env Division
LMI
Border Patrol Facilities and Tactical Infrastructure
Program Management Office
Facilities Management and Engineering
Cell: (b) (6), (b) (7)(C)

"Excel as a trusted strategic partner enhancing Border Patrol's proud legacy."

-----Original Message-----

From: (b) (6)
Sent: Tuesday, January 06, 2015 5:55 PM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

All,

(b) (5)

(b) (5)

(b) (6)

Realty Specialist
USACE - Real Estate Division
1325 J St
Sacramento, CA 95814

(b) (6)

-----Original Message-----

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 1:38 PM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6); (b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

(b) (6), (b) (7)

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(b) (6), (b) (7) et al...let me know if you need anything from me...

From: (b) (6), (b) (7)(C)
Sent: Tuesday, January 06, 2015 4:07 PM
To: (b) (6), (b) (7)(C); (b) (6); (b) (6), (b) (7)(C)
Cc: (b) (6), (b) (7)(C)
Subject: RE: (b) (7)(E), (b) (3) M and R Project on ASLD lands

Please keep (b) (6), (b) (7) in the emails on this topic. I will be out of pocket for most of the remainder of the week and he is helping me out.

Thank you,

(b) (6), (b) (7)(C)

Program Manager/COR, TI Division
Border Patrol Facilities and Tactical Infrastructure
Program Management Office

Facilities Management and Engineering

Office: (b) (6), (b) (7)(C)

Mobile: (b) (6), (b) (7)(C)

(b) (6)

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From: (b) (6), (b) (7)(C)

Sent: Tuesday, January 06, 2015 1:22 PM

To: (b) (6)

(b) (6), (b) (7)(C)

Cc: (b) (6), (b) (7)(C)

Subject: (b) (7)(E), (b) (3) M and R Project on ASLD lands

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Senior Environmental Specialist

RE and Env Division

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Program Management Office

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