

**APPENDIX S**

**TRANSPORTATION SUPPORTING  
DOCUMENTATION**

**S1: DEPARTMENT OF TRANSPORTATION AND HIGHWAY  
DESIGN GUIDELINES FOR LPOES**

**S2: PORT OF ENTRY LEVEL OF SERVICE BY  
TRANSPORTATION MODE**

**Table S-1. Department of Transportation (DOT) and Highway Design Guidelines for Ports Of Entry (POE)**

State	Transportation Office	Roadway Specifications
Idaho	Idaho DOT <a href="http://itd.idaho.gov">http://itd.idaho.gov</a>	Idaho Roadway Manuals <a href="http://itd.idaho.gov/manuals/ManualsOnline.htm">http://itd.idaho.gov/manuals/ManualsOnline.htm</a>
Maine	Maine DOT <a href="http://www.state.me.us/mdot/">http://www.state.me.us/mdot/</a>	Maine Roadway Manuals <a href="http://www.maine.gov/mdot/cpo/designbuild/">http://www.maine.gov/mdot/cpo/designbuild/</a>
Michigan	Michigan DOT <a href="http://www.michigan.gov/mdot/">http://www.michigan.gov/mdot/</a>	Michigan Roadway Specifications <a href="http://mdotwas1.mdot.state.mi.us/public/specbook/">http://mdotwas1.mdot.state.mi.us/public/specbook/</a>
Minnesota	Minnesota DOT <a href="http://www.dot.state.mn.us/">http://www.dot.state.mn.us/</a>	Minnesota Roadway Specifications <a href="http://www.dot.state.mn.us/pre-letting/spec/2005/2021-2360.pdf">http://www.dot.state.mn.us/pre-letting/spec/2005/2021-2360.pdf</a>
Montana	Montana DOT <a href="http://www.mdt.mt.gov/">http://www.mdt.mt.gov/</a>	Montana Roadway Guidelines <a href="http://www.mdt.mt.gov/other/const/external/design-build_cr_va/db_guidelines.pdf">http://www.mdt.mt.gov/other/const/external/design-build_cr_va/db_guidelines.pdf</a>
New Hampshire	New Hampshire DOT <a href="http://www.nh.gov/dot/">http://www.nh.gov/dot/</a>	New Hampshire Highway Design Standards <a href="http://www.nh.gov/dot/org/projectdevelopment/highwaydesign/standardplans/">http://www.nh.gov/dot/org/projectdevelopment/highwaydesign/standardplans/</a>
New York	New York State DOT <a href="https://www.nysdot.gov/index">https://www.nysdot.gov/index</a>	New York State Standard Specifications <a href="https://www.nysdot.gov/main/businesscenter/engineering/specifications">https://www.nysdot.gov/main/businesscenter/engineering/specifications</a>
North Dakota	North Dakota DOT <a href="http://www.dot.nd.gov/">http://www.dot.nd.gov/</a>	North Dakota Highway Regulations <a href="http://ops.fhwa.dot.gov/freight/publications/size_regs_final_rpt/">http://ops.fhwa.dot.gov/freight/publications/size_regs_final_rpt/</a>
Ohio	Ohio DOT <a href="http://www.dot.state.oh.us/Pages/Home.aspx">http://www.dot.state.oh.us/Pages/Home.aspx</a>	Ohio Roadway Design <a href="http://www.dot.state.oh.us/Pages/Home.aspx">http://www.dot.state.oh.us/Pages/Home.aspx</a>
Pennsylvania	Pennsylvania DOT <a href="http://www.dot.state.pa.us/">http://www.dot.state.pa.us/</a>	Pennsylvania Roadway Design <a href="http://www.dot.state.pa.us/Internet/Bureaus/pdDesign.nsf/DesignHomepage">http://www.dot.state.pa.us/Internet/Bureaus/pdDesign.nsf/DesignHomepage</a>
Vermont	Vermont Agency of Transportation <a href="http://www.aot.state.vt.us/">http://www.aot.state.vt.us/</a>	Vermont Highway Standards <a href="http://www.aot.state.vt.us/caddhelp/Download/Standards/VAOT_IFM_2007.pdf">http://www.aot.state.vt.us/caddhelp/Download/Standards/VAOT_IFM_2007.pdf</a>
Washington	Washington State DOT <a href="http://www.wsdot.wa.gov/">http://www.wsdot.wa.gov/</a>	Washington Roadway Design <a href="http://www.wsdot.wa.gov/design/policy/">http://www.wsdot.wa.gov/design/policy/</a>
Wisconsin	Wisconsin DOT <a href="http://www.dot.state.wi.us/">http://www.dot.state.wi.us/</a>	Wisconsin Roadway Design <a href="http://www.dot.wisconsin.gov/business/engserv/roadway-design-files.htm">http://www.dot.wisconsin.gov/business/engserv/roadway-design-files.htm</a>

**Table S-2. POE Level of Service by Transportation Mode**

Port	Trucks	Trains	Buses	Personal Vehicles	Pedestrians
ID: Eastport	47,237	967	122	89,857	150
ID: Porthill	11,153		82	154,261	287
ME: Bar Harbor			15	3,302	
ME: Bridgewater	12,620		7	55,912	
ME: Calais	72,506	37	740	890,247	16,665
ME: Eastport	2,308		95	150,307	285
ME: Fort Fairfield	16,050		9	141,495	
ME: Fort Kent	9,601		57	186,552	4,088
ME: Houlton	82,678		238	295,055	216
ME: Jackman	96,860	162	128	125,365	488
ME: Limestone	2,993		1	36,371	
ME: Madawaska	22,464		91	570,182	1,576
ME: Portland			26	7,199	
ME: Van Buren	14,597	295	6	238,319	664
ME: Vanceboro	2,994	249	2	47,003	587
MI: Detroit	1,197,967	2,074	29,777	4,082,030	16,529
MI: Port Huron	625,642	3,064	2,552	1,570,273	
MI: Sault Ste. Marie	44,097	352	4,514	787,692	
MN: Baudette	7,555	993	63	165,224	381
MN: Grand Portage	14,098		1,880	222,708	26
MN: International Falls	21,735	3,286	219	453,695	15,247
MN: Lancaster	5,751		57	42,461	
MN: Pinecreek	185			5,134	93
MN: Roseau	5,974		4	36,708	
MN: Warroad	12,154	2,277	438	110,797	41
MT: Del Bonita	798			17,532	
MT: Morgan	584		5	6,393	2,792
MT: Opheim	356		7	3,435	
MT: Piegan	946		202	102,721	
MT: Raymond	10,863		32	21,562	1
MT: Roosville	9,041		93	109,723	399
MT: Scobey	384		1	4,318	

Port	Trucks	Trains	Buses	Personal Vehicles	Pedestrians
MT: Sweetgrass	118,678	344	275	262,615	1,855
MT: Turner	876		12	6,529	
MT: Whitetail	61			1,194	
MT: Whitlash	114			628	1
MT: Wildhorse	2,206		3	15,457	
MT: Willow Creek	4			3,804	
ND: Ambrose	213		1	1,399	
ND: Antler	1,308			9,996	
ND: Carbury	559		8	11,320	
ND: Dunseith	23,765		131	56,850	
ND: Fortuna	2,035		42	10,521	
ND: Hannah	35		1	2,020	
ND: Hansboro	1,487		181	7,865	
ND: Maida	1,350		3	13,022	
ND: Neche	13,454		2	44,223	55
ND: Noonan	5,719		7	32,072	4
ND: Northgate	18,950		3	23,198	
ND: Pembina	189,393	1,003	1,280	265,210	
ND: Portal	72,546	1,884	212	80,758	3,486
ND: Sarles	1,263		61	4,177	
ND: Sherwood	7,540		2	17,724	
ND: St. John	1,551		6	14,423	
ND: Walhalla	14,179		7	34,236	
ND: Westhope	7,729			9,736	
NY: Alexandria Bay/Cape Vincent	177,822		1,791	646,851	
NY: Buffalo-Niagara Falls	846,114	2,312	28,534	5,291,623	244,697
NY: Champlain-Rouses Pt.	294,970	1,294	8,565	1,040,154	1,826
NY: Massena	26,329		1,336	809,696	164
NY: Ogdensburg	38,652		157	265,008	79
NY: Trout River/Fort Covington/Chateaugay	14,314	436	3	191,545	
VT: Beecher Falls	13,779		11	67,181	134
VT: Derby Line	95,635		1,743	552,942	242
VT: Highgate Springs	87,857	345	1,803	477,134	

<b>Port</b>	<b>Trucks</b>	<b>Trains</b>	<b>Buses</b>	<b>Personal Vehicles</b>	<b>Pedestrians</b>
VT: Norton	11,788	243	14	56,773	298
VT: Richford	7,404	179	6	95,909	2,958
WA: Anacortes	363		12	27,137	14,412
WA: Blaine	310,075	1,349	15,159	2,842,631	
WA: Boundary	84	250	21	65,218	156
WA: Danville	412			50,848	528
WA: Ferry	19		14	8,972	181
WA: Friday Harbor			1	2,356	3,557
WA: Frontier	18,661		98	37,798	112
WA: Laurier	2,240	83	35	46,191	86
WA: Lynden	47,127		9	546,850	2,154
WA: Metaline Falls	4,506		69	24,109	134
WA: Nighthawk	1			10,110	36
WA: Oroville	28,662		233	328,342	726
WA: Point Roberts	17,500		815	722,725	11,648
WA: Port Angeles	1,393		83	57,232	
WA: Sumas	128,236	238	1,128	672,262	27,022
<b>Total</b>	<b>5,020,633</b>	<b>24,034</b>	<b>116,355</b>	<b>26,698,239</b>	<b>379,902</b>

Source: BTS, 2009; 2010.

## REFERENCES

(BTS, 2009). Bureau of Transportation Statistics. 2009. *The Intermodal Transportation Database*. Accessed November 2010 at [http://www.transtats.bts.gov/DATABASES.ASP?Mode\\_ID=3&Mode\\_Desc=Highway&Subject\\_ID2=0 &pn=1](http://www.transtats.bts.gov/DATABASES.ASP?Mode_ID=3&Mode_Desc=Highway&Subject_ID2=0 &pn=1).

(BTS, 2010). Bureau of Transportation Statistics. 2010. *List of Land Point of Entry by State for 2009*. Accessed November 2010 at [http://www.transtats.bts.gov/DATABASES.ASP?Mode\\_ID=3&Mode\\_Desc=Highway&Subject\\_ID2=0 &pn=1](http://www.transtats.bts.gov/DATABASES.ASP?Mode_ID=3&Mode_Desc=Highway&Subject_ID2=0 &pn=1).

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