

AGENDA

IMTC Steering Committee Meeting

Thursday, February 14, 2013 9:00am – 12:00pm

Canada Border Services Agency's Douglas Port-of-Entry,
Surrey, British Columbia

- 1. Current event updates**
- 2. Project updates**
 - a. Hwy 11 NEXUS lane improvements – John Schnablegger, BCMOT
 - b. ATIS Assessment and Calibration: update
 - c. Consideration of a passenger vehicle survey for the upcoming summer
 - d. Current outreach to update the communications protocol & corresponding status report
 - e. Update on Point Roberts/Boundary wait-time system – recent site visit, initial observations
- 3. WA-BC Joint Transportation Executive Committee Working Group** – Highlights overview of January 29 meeting in Olympia, WA (FAST, ATIS, Aldergrove, NEXUS, High Speed Rail)
- 4. 2012 traffic volume review** – Melissa Fanucci, WCOG
- 5. Presentation: Regional Traffic Data System (RTDS, Metro Vancouver's New Data Engine** – Keenan Kitasaka, TransLink
- 6. Compiling an IMTC Cascade Gateway Construction Schedule** – Compilation of estimated schedules of construction activity on border approach roads and inspection facilities that could affect travel times and routing
- 7. Next meeting** – March 14 at the Bellingham Cruise Terminal – this will be a Core Group – discuss agenda

Information sheets are prepared and maintained for each project currently approved by IMTC Program organizations for their 2013 list of shared priorities for Cascade Gateway border improvements. Information sheets are updated as needed and thus include a version-date. Current copies, inclusive of any changes to information below, are available in the future-projects section at theIMTC.com.

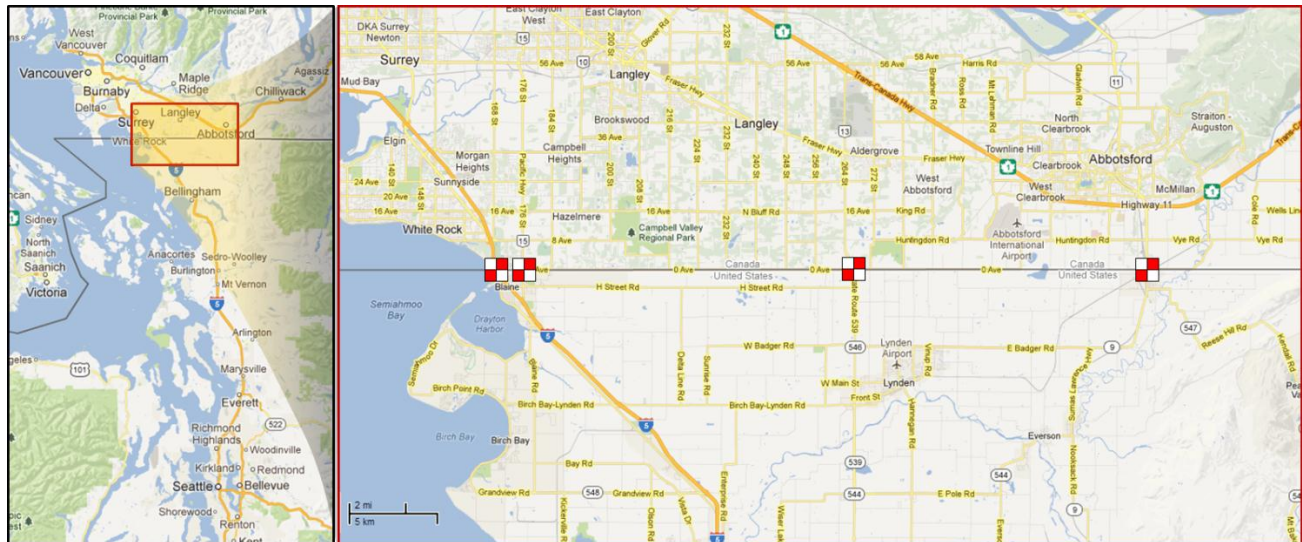
Passenger Vehicle Intercept Survey

Overview

This effort will update important data last collected in 2007/08 during two two-week survey periods (one in summer, one in late fall/winter) at all Cascade Gateway ports of entry, in both directions. The work could likely be done by BPRI and WCOG. As in the past, collaboration with WSDOT, BC MoT, CBP, and CBSA will be essential.

Location

The map below shows the border crossings, related approach roads, and border-region road network of the Cascade Gateway –the geographic focus of this project.



Why this project is needed

It has been five years since the last passenger vehicle intercept was completed in the Cascade Gateway (in 2007/08) – a length of time commonly used as a refresh rate for transportation survey data. Quality data on trip-purpose, origin-destination patterns, and traveler demographics is an important part of transportation system planning – explaining reasons for changes in demand, identifying emerging needs for reallocation of resources and targeted investments, and revealing opportunities for system optimization from operational and policy changes.

Other needs for improved information on cross-border travelers, which will be addressed in this intercept survey, include regional cross-border traveler characteristics to inform:

- Strategies to promote the NEXUS trusted-traveler program.
- Strategies to promote other radio frequency identification (ex. enhanced drivers' licenses).
- Assessment of traveler/driver use of (real time route choices, trip planning, etc.) and confidence in border wait time measurement systems and the effectiveness of media used to distribute that information (variable message signs, internet, mobile device, connected vehicle technology, etc.).
- Assessment of changing attitudes about cross-border travel (for forecasting in conjunction with other variables like currency exchange rate, commodity prices etc.)

Results

The primary product of this project will be a publically available database of survey records. The database will be corrected for errors and augmented with expansion factors developed from hourly vehicle counts.

Other products will include a project report – documenting data collection schedules, methods, observed anomalies, and recommendations for improving future efforts.

Application to other IMTC projects

In addition to refreshing often-used data sources and continuing the development of a valuable time series of data, this project will have direct applications for other current priority IMTC projects. These include:

- **ATIS Assessment and Calibration** (components of this project include a passenger intercept survey so integration of these projects is an option depending on schedule and funding).
- **Circulation Analysis Phase II**
- **NEXUS Expansion**
- **Regional Economic Model**

Estimated project Schedule

Depending on the length of time between the summer and winter survey waves, this project is estimated to take between nine months and a year to complete.

Cost

This project is estimated to cost \$125,000

This project is not currently funded.

Administration, funding, and partnerships

As with the 2007/'08 survey this project could be done jointly by the Whatcom Council of Governments and the Border Policy Research Institute.

Funding support would be looked for and/or requested from U.S. Customs and Border Protection, Canada Border Services Agency, Washington State DOT, British Columbia MOT, Transport Canada, and U.S. Federal Highway Administration.

As with all past border survey projects, collaboration with and support from U.S. Customs and Border Protection and Canada Border Services Agency is essential.

2012 Cascade Gateway Monthly Cross-Border Traffic Volumes

Data Sources: U.S. Customs & Border Protection, Canada Border Services Agency, Statistics Canada

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Peace Arch/Douglas													
Southbound (CBP)													
Cars	190,489	197,403	231,706	237,224	253,204	252,357	283,343	300,361	251,771	227,581	227,057	240,365	2,892,861
Northbound (CBSA)													
Cars: General	117,525	123,348	149,808	147,740	152,716	142,527	162,022	173,469	144,475	122,517	129,309	134,592	1,700,048
Cars: NEXUS	64,329	67,979	76,886	80,439	85,707	82,396	88,687	89,166	86,421	79,263	79,705	83,641	964,619
Cars: TOTAL	181,854	191,327	226,694	228,179	238,423	224,923	250,709	262,635	230,896	201,780	209,014	218,233	2,664,667
Northbound (Statistics Canada)													
Cars: USA	37,851	41,820	45,448	44,815	48,650	50,415	58,462	65,220	49,337	38,687	39,746		520,451
Cars: Canada	143,798	149,296	174,631	183,415	189,418	173,913	191,724	211,459	181,598	163,318	168,620		1,931,190
Cars: Total	181,649	191,116	220,079	228,230	238,068	224,328	250,186	276,679	230,935	202,005	208,366		2,451,641

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Pacific Highway													
Southbound (CBP)													
Cars	123,314	133,348	152,866	147,012	156,890	159,768	170,129	181,573	161,134	158,304	145,487	151,019	1,840,844
Trucks	26,625	25,754	27,288	28,477	31,543	30,588	30,626	32,043	28,588	30,991	28,748	24,264	345,535
Buses	853	858	1,082	1,231	1,584	1,619	1,828	1,882	1,643	1,186	1,074	1,148	15,988
Northbound (CBSA)													
Cars: General	93,209	96,149	111,621	109,361	122,152	124,539	146,923	149,722	130,832	122,274	111,110	119,811	1,437,703
Cars: NEXUS	32,003	35,298	41,335	43,138	45,072	45,000	49,938	49,636	46,986	48,624	43,768	46,192	526,990
Cars: TOTAL	125,212	131,447	152,956	152,499	167,224	169,539	196,861	199,358	177,818	170,898	154,878	166,003	1,964,693
Trucks	28,201	29,233	31,490	31,885	33,732	31,247	31,497	33,839	30,005	32,579	28,719		342,427
Buses	845	798	1,023	1,032	1,432	1,512	1,769	1,796	1,528	1,059	985	1,128	14,907
Northbound (Statistics Canada)													
Cars: USA	19,924	22,709	22,966	23,573	24,891	26,556	31,199	33,413	26,887	24,558	21,721		278,397
Cars: Canada	105,079	109,790	128,191	129,797	142,209	142,324	165,102	173,509	151,013	146,437	132,504		1,525,955
Cars: Total	125,003	132,499	151,157	153,370	167,100	168,880	196,301	206,922	177,900	170,995	154,225		1,804,352
Trucks: USA	11,520	11,820	12,453	12,977	13,489	13,526	12,713	13,252	12,082	12,540	11,644		138,016
Trucks: Canada	16,681	17,413	19,594	18,908	20,125	19,646	18,769	20,587	18,343	20,408	18,408		208,882
Trucks: Total	28,201	29,233	32,047	31,885	33,614	33,172	31,482	33,839	30,425	32,948	30,052		346,898

2012 Cascade Gateway Monthly Cross-Border Traffic Volumes

Data Sources: U.S. Customs & Border Protection, Canada Border Services Agency, Statistics Canada

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Lynden/Aldergrove													
Southbound (CBP)													
Cars	46,434	54,065	65,295	72,279	76,491	76,736	83,902	89,907	67,986	63,523	59,408	62,495	818,521
Trucks	3,011	3,030	4,023	3,659	3,577	3,802	3,339	3,438	3,261	4,153	3,748	2,803	41,844
Northbound (CBSA)													
Cars	47,920	53,804	67,161	67,484	68,504	66,632	75,267	78,914	67,980	63,652	59,051	61,940	778,309
Trucks	956	556	570	956	930	1,170	923	1,183	942	1,439	1,211		10,836
Buses	0	0	4	1	3	0	1	0	0	0	0		9
Northbound (Statistics Canada)													
Cars: USA	7,671	8,585	9,493	9,411	9,910	10,082	11,425	12,490	10,478	9,438	8,417		107,400
Cars: Canada	40,066	44,983	57,074	57,687	57,937	55,828	62,969	65,219	56,936	53,749	50,025		602,473
Cars: Total	47,737	53,568	66,567	67,098	67,847	65,910	74,394	77,709	67,414	63,187	58,442		709,873
Trucks: USA	358	428	572	460	347	497	394	464	357	614	533		5,024
Trucks: Canada	476	541	740	726	580	672	529	723	624	717	667		6,995
Trucks: Total	834	969	1,312	1,186	927	1,169	923	1,187	981	1,331	1,200		12,019

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Sumas/Abb-Huntingdon													
Southbound (CBP)													
Cars	73,503	79,179	92,941	93,005	97,720	96,847	110,171	114,377	98,750	90,626	85,324	92,607	1,125,050
Trucks	9,640	10,399	11,798	11,650	12,513	11,812	12,207	12,617	10,892	11,957	10,769	8,661	134,915
Buses	63	68	76	94	76	73	59	44	3,261	6	66	44	3,930
Northbound (CBSA)													
Cars: General	68,378	73,686	88,111	88,335	91,194	88,634	102,672	101,365	91,408	83,032	74,755	80,642	1,032,212
Cars: NEXUS	0	0	0	0	0	0	0	0	0	91	4,429	5,303	9,823
Cars: TOTAL	68,378	73,686	88,111	88,335	91,194	88,634	102,672	101,365	91,408	83,123	79,184	85,945	1,042,035
Trucks: Commercial Office	5,520	6,214	6,393	6,153	6,508	6,707	6,835	7,273	5,652	6,171	5,588	4,565	73,579
Trucks: After Hours	2,646	2,807	3,498	2,926	3,195	2,773	3,211	3,286	3,258	3,283	3,420	3,118	37,421
Trucks: Total	8,166	9,021	9,891	9,079	9,703	9,480	10,046	10,559	8,910	9,454	9,008	7,683	111,000
Buses	39	87	73	70	49	62	54	46	63	62	60		665
Northbound (Statistics Canada)													
Cars: USA	7,993	9,938	9,803	10,359	12,375	13,756	15,307	16,068	12,385	10,541	8,231		126,756
Cars: Canada	60,309	63,596	77,869	77,722	78,062	74,018	86,209	84,116	77,999	72,205	66,243		818,348
Cars: Total	68,302	73,534	87,672	88,081	90,437	87,774	101,516	100,184	90,384	82,746	74,474		945,104
Trucks: USA	2,040	2,384	2,474	2,420	2,610	2,598	2,627	2,818	2,216	2,218	1,945		26,350
Trucks: Canada	3,450	3,819	4,232	3,737	3,934	4,006	4,227	4,350	3,435	3,929	3,677		42,796
Trucks: Total	5,490	6,203	6,706	6,157	6,544	6,604	6,854	7,168	5,651	6,147	5,622		69,146

2012 Cascade Gateway Monthly Cross-Border Traffic Volumes

Data Sources: U.S. Customs & Border Protection, Canada Border Services Agency, Statistics Canada

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Pt. Roberts/Boundary Bay													
Southbound (CBP)													
Cars	79,138	83,763	96,533	99,877	109,939	105,927	114,101	112,146	98,787	94,402	85,303	89,716	1,169,632
Trucks	1,303	1,510	1,471	1,535	1,632	1,503	1,521	1,619	1,386	1,453	1,294	1,236	17,463
Buses	20	30	36	17	30	18	0	6	36	49	33	17	292
Northbound (CBSA)													
Cars: General	50,673	53,402	62,584	65,427	69,545	63,322	67,349	66,904	60,050	57,221	50,570	54,009	721,056
Cars: NEXUS	27,385	28,046	31,246	32,305	37,247	38,360	41,886	41,529	37,719	35,219	32,706	34,811	418,459
Cars: TOTAL	78,058	81,448	93,830	97,732	106,792	101,682	109,235	108,433	97,769	92,440	83,276	88,820	1,139,515
Trucks	522	661	637	582	654	701	655	717	645	573	603		6,950
Buses	56	40	88	88	88	88	88	88	76	92	88		880
Northbound (Statistics Canada)													
Cars: USA	11,910	11,912	12,044	12,652	13,915	13,404	13,422	14,284	13,378	13,948	13,030		143,899
Cars: Canada	65,571	68,659	78,725	83,748	90,959	86,789	94,019	98,831	82,615	77,377	69,203		896,496
Cars: Total	77,481	80,571	90,769	96,400	104,874	100,193	107,441	113,115	95,993	91,325	82,233		1,040,395
Trucks: USA	364	389	480	382	419	441	419	450	413	508	511		4,776
Trucks: Canada	158	272	157	200	235	260	236	267	232	65	92		2,174
Trucks: Total	522	661	637	582	654	701	655	717	645	573	603		6,950

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTALS (Not Pt. Roberts)													
Southbound (CBP)													
Cars	433,740	463,995	542,808	549,520	584,305	585,708	647,545	686,218	579,641	540,034	517,276	546,486	6,677,276
Trucks	39,276	39,183	43,109	43,786	47,633	46,202	46,172	48,098	42,741	47,101	43,265	35,728	522,294
Buses	916	926	1,162	1,326	1,663	1,692	1,888	1,926	4,904	1,192	1,140	1,192	19,927
Northbound (CBSA)													
Cars: General	327,032	346,987	416,701	412,920	434,566	422,332	486,884	503,470	434,695	391,475	374,225	396,985	4,948,272
Cars: NEXUS	96,332	103,277	118,221	123,577	130,779	127,396	138,625	138,802	133,407	127,978	127,902	135,136	1,501,432
Cars: TOTAL	423,364	450,264	534,922	536,497	565,345	549,728	625,509	642,272	568,102	519,453	502,127	532,121	6,449,704
Trucks	37,323	38,810	41,951	41,920	44,365	41,897	42,466	45,581	39,857	43,472	38,938	7,683	464,263
Buses	884	885	1,100	1,103	1,484	1,574	1,824	1,842	1,591	1,121	1,045	1,128	15,581
Northbound (Statistics Canada)													
Cars: USA	73,439	83,052	87,710	88,158	95,826	100,809	116,393	127,191	99,087	83,224	78,115		1,033,004
Cars: Canada	349,252	367,665	437,765	448,621	467,626	446,083	506,004	534,303	467,546	435,709	417,392		4,877,966
Cars: Total	422,691	450,717	525,475	536,779	563,452	546,892	622,397	661,494	566,633	518,933	495,507		5,910,970
Trucks: USA	13,918	14,632	15,499	15,857	16,446	16,621	15,734	16,534	14,655	15,372	14,122		169,390
Trucks: Canada	20,607	21,773	24,566	23,371	24,639	24,324	23,525	25,660	22,402	25,054	22,752		258,673
Trucks: Total	34,525	36,405	40,065	39,228	41,085	40,945	39,259	42,194	37,057	40,426	36,874		428,063

IMTC Cascade Gateway Construction Schedule - V. 14 Feb 2012
Estimated start and end dates for discussion only.

This schedule portrays **estimated** start and end dates of **active construction phases** of the listed projects so that agencies can maximize awareness of cumulative impacts on traffic on regional cross-border routes and coordinate mitigation and traveler information accordingly.

Project Agency	Project	2013												2014												2015											
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
WSDOT	Guide Meridian Road (SR 539) Access Control	[Green bar from Feb 2013 to Aug 2014]																																			
BC MoT	BC Hwy 15 FAST lane extension from 2nd Ave to 4th Ave	[Red bar from Feb 2013 to Mar 2013] pending information																																			
BC MoT	BC Hwy 13 / 0 Ave / Aldergrove POE reconfiguration and improvements	[Green bar from Feb 2013 to Mar 2013] pending information																																			
BC MoT	BC Hwy 11 NEXUS approach from Vye Rd to Sumas POE	[Orange bar from Feb 2013 to Mar 2013] pending information																																			
WSDOT	Guide Meridian Road (SR 539) Port of Entry approach improvements	[Green bar from Dec 2013 to Dec 2014]																																			
WSDOT	SR 9 & SR 539 ATIS	[Green bar from Dec 2013 to Dec 2014]																																			
WSDOT	Roundabouts on SR 546	[Brown bar from Feb 2013 to Apr 2014]																																			
CBSA	Aldergrove POE replacement	[Green bar from Oct 2013 to Oct 2015]																																			
Port of Entry Summary																																					
	Peace Arch - Douglas																																				
	Pacific Highway																																				
	Aldergrove - Lynden	[Green bar from Feb 2013 to Oct 2015]																																			
	Abbotsford-Huntingdon — Sumas																																				
	General impact	[Brown bar from Feb 2013 to Apr 2014]																																			

Legend

Potentially affected POE

- [Blue bar] Peace Arch - Douglas
- [Red bar] Pacific Highway
- [Green bar] Aldergrove - Lynden
- [Orange bar] Abb.-Hunt.--Sumas
- [Brown bar] General impact