



IMTC Steering Committee Meeting Agenda

Thursday, February 14, 2019

9:00am – 12:00am

CBSA Douglas POE, Surrey, BC

Map: <https://goo.gl/maps/DxYRqXfnUN42>

Remote access

Please visit & join the meeting space from your computer, tablet, or smartphone.

<https://www.gotomeet.me/wcog/imtc-steering-committee-meeting-3>

You can also dial in using your phone.

United States: +1 (571) 317-3129

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Access Code: 567-724-885

1) Introductions and current event updates

2) Current project updates

- a) Passenger vehicle survey, winter wave
- b) Peace Arch-Douglas & Pacific Hwy pedestrian signage plan
- c) Peace Arch-Douglas & Pacific Hwy traffic forecasting – discussion of next steps
- d) Update on planning for March 21 Communications Protocol tabletop exercise

3) IMTC Project List

- a) Quick review of changes made based on discussion at January 17 meeting and discussion of remaining information needed

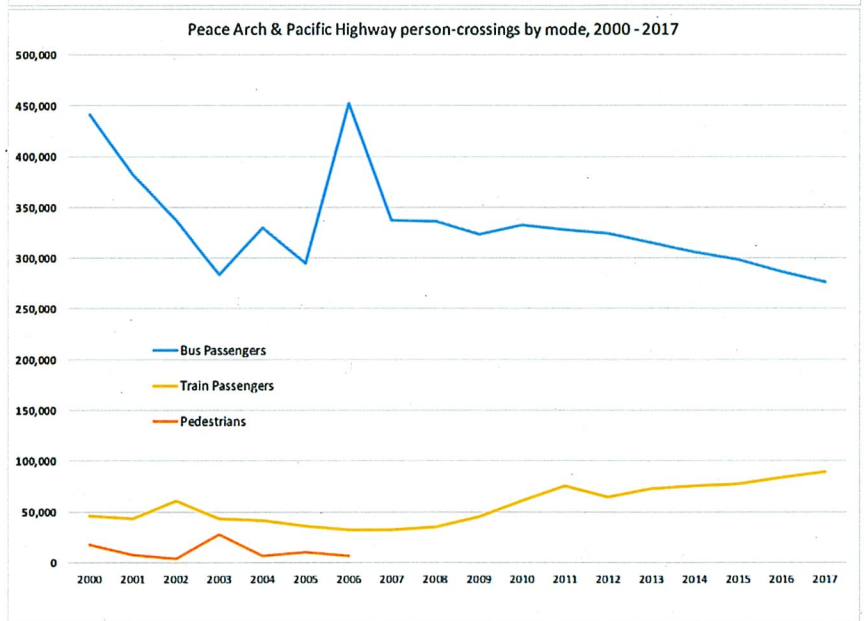
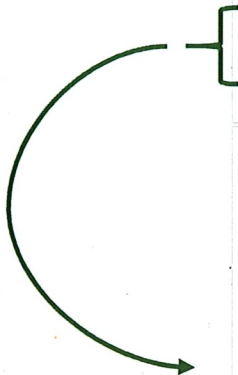
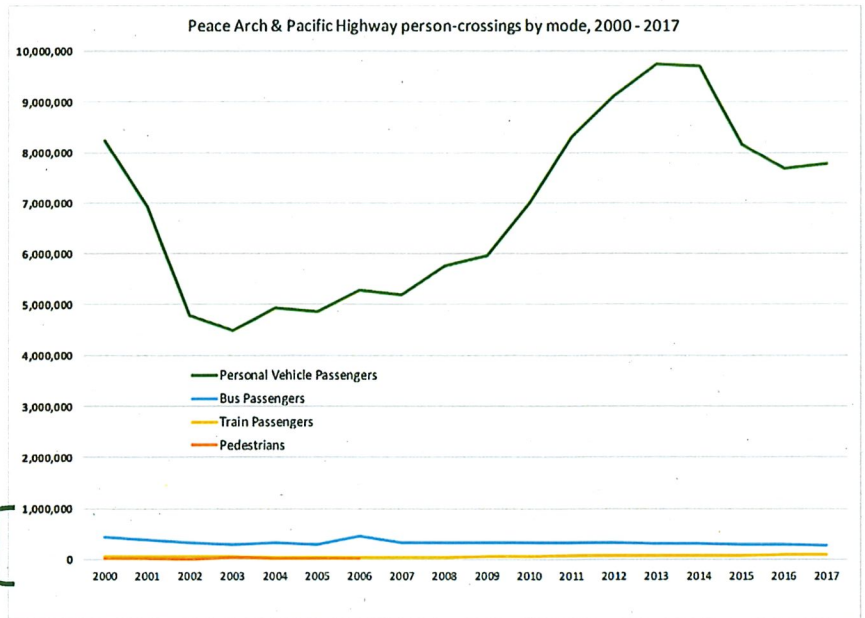
4) Consideration / discussion of a planning study focused on Lynden–Aldergrove and Sumas–Abbotsford Huntingdon - future road and port facility needs and expectations based on traffic, population, and land-use trends

5) IMTC Program funding status/outlook

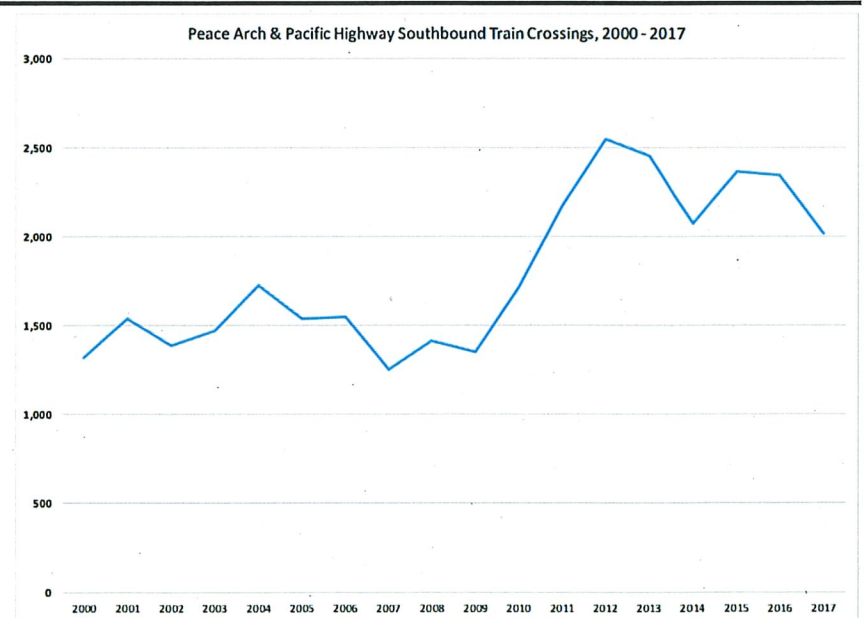
6) April 18 IMTC Core Group meeting

- a) Goals for the agenda, timely topics, entities to invite for broader discussion, etc.

Peace Arch/Douglas – Pacific Highway
Basic mode split trends, 10 years.
 Data from US BTS – Border Crossing Data.
 Southbound counts only.



Trains



IMTC Program funding status & scenario (\$USD)

Current estimates -- for IMTC Steering Committee discussion.
Not for further distribution. 19 Feb, 2019

Green cells are confirmed future amounts. Gold cells are high-confidence amounts		Near term strategy / illustrative scenario					Medium term strategy	
IMTC Program annual cost	2018	2019	2020	2021	3-yr Total %	2022? →		
Current & Possible Future Funding sources (\$USD)	2018	2019	2020	2021	3-yr Total %	2022? →		
WSDOT	(CBI '18-'19, state '19-'20)	\$88,500	\$112,700	\$87,300	\$100,000	40.1%	\$300,000	
Whatcom COG	Regional STBG	\$70,500	\$49,500			16.7%	\$49,500	
US FHWA	SHRP2 funding	\$46,700	\$33,300			11.1%	\$33,300	
Canadian reg. & pvt. sctr.	(VVR)	\$10,000	\$10,000	\$10,000		4.2%	\$20,000	
BC Province				\$70,000			20%	\$48,000
Transport Canada				\$70,000			30%	\$72,000
US FHWA							30%	\$72,000
2018 IMTC Projects Funding (WCOG staff-time share only)							100%	\$240,000
Project: Dynamic Border Management								
	FHWA	\$34,800						
	BC MoTI	\$2,700	\$18,000					
Project¹: Passenger Vehicle Survey								
	US FHWA	\$22,400						
	BCMOTI							
	WCOG	\$12,000						
	Transport Canada		\$7,500					
Project: Cannabis Comms. - Can. Consulate								
		\$9,000						
Project: Cross-border Mail Study								
			\$9,000					
Scenario totals		\$296,600	\$240,000	\$237,300	\$240,000			
total		\$296,600	\$240,000	\$237,300	\$240,000			
total percent		124%	100%	99%	100%			
remaining need		(\$56,600)	\$0	\$2,700	\$0			
Notes: 1 - Amounts are those used by WCOG and do not add up to total project cost.								
Prepared by WCOG for the IMTC Program - Feb 13, 2019								

	Project Type	Associated port-of-entry (PoE)	Project	Primary agency	Project Status	Funding Status	Estimated Cost	Est. Start & End Date	Related IMTC Goals	Est. start date	Status	Application of performance measures
UNFUNDED Projects Identified by IMTC Participants												
1	Road-POE Ops.	Multiple	RFID Travel Document Targeted Distribution Pilot Following on IMTC agencies' RFID Business Case and the U.S. and Canada's adopted RFID objectives in the 2015 <i>Beyond the Border Forward Plan</i> , this project entails a publically funded distribution of currently approved RF cross-border travel documents (e.g. passport companion card) to approximately 40,000 identifiable, frequent cross-border travelers who possess valid passports. Because 85% percent of Cascade Gateway regional cross-border travelers are Canadian citizens, and implementation of this project requires federal approvals, the leading commitment would need to be from the <i>Canadian</i> federal government. The overall strategy however provides ample opportunity for partner government agencies to simultaneously join and fund their portion of a coordinated issuance of non-NEXUS RF documents to similarly identified frequent travelers (U.S. CBP & Dept. of State, WA Dept. of Licensing, ICBC).	IRCC? (with CBSA, CBP, US State, WA DOL, ICBC)	* BiB Forward Plan RFID objective March 2015. * IMTC Business Case: Oct. 2015. * Added to TBWG Action Plan 2016 for continued discussion.	Unfunded		TBD	Operations			2014 analysis estimated a 65 percent reduction in average wait-times (a 50 percent reduction in max wait times) if a 40 percent shift to RFID was achieved across non-NEXUS travelers.
2	Data	Multiple	RFID Pilot - performance evaluation If the above RFID Travel Document Targeted Distribution Pilot is procedes, this project would engage the appropriate IMTC partners to develop and conduct the necessary data collection and analysis to evaluate the effectiveness of the pilot relative to IMTC's border operations goals and the efficiency gains estimated in earlier modeling and presented in the business case.	WCOG (with CBSA, US CBP, WA, BC, BPRI, others)	Pending advancement of RFID pilot and separate funding.	Unfunded	\$50,000	TBD	Data Operations			
3	Non-motorized	Pac. Hwy.	Pacific Highway- cross-border pedestrian route improvement The U.S. CBP and CBSA ports of entry at Pacific Highway lack a safe and clear pedestrian route between them -- for people entering either country on foot, for people conducting border-related transactions while their vehicle is parked, and inspection agencies' interactions with each other. This project will design and construct a clearly demarcated pedestrian route that achieves the inspection agencies' objectives of safety, clarity, and improved pedestrian flow awareness.	CBSA, CBP, MoTI	Statement of need jointly developed by CBSA & CBP. Follow-on planning underway among IMTC partners.	Partially funded	TBD	2018	- Planning - Infrastructure			
4	Planning	Multiple	Coordination of binational planning -- The IMTC Program IMTC is led by the Whatcom Council of Governments (WCOG). Funding is sufficient for WCOG staff to do the work of the program through calendar year 2019. With costs of \$240,000 per year, IMTC partners are working with WCOG to maintain a funding-coalition to secure funding for three years - 2019-2021.	WCOG	Some funding identified	Partial funding	3 years: \$720,000	Continuous	All	Continu ous		
5	Planning	Multiple	Cascade Gateway border circulation analysis phase II Phase II of the Cascade Gateway Border Circulation Analysis will identify specific improvements using the information and tools developed in Phase I; preliminary planning and cost estimation for specific improvements; evaluation with WCOG traffic and simulation models, and overall funding strategies.	BC MoTI, WSDOT	Standing interest, especially by WSDOT & BC MoTI. Discussion to be furthered as part of June 2016 regional border planning peer exchange.	Unfunded	\$50,000	TBD	Planning	Jan-17	Merge with Lynden-Aldergove -- Sumas-Abb.Hnt. Stdy?	

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6	Road	Peace Arch Douglas	WA SR 548 rail grade separation - study / design This project, funded by WA's Connecting Washington funds, will complete initial design of a grade separation of Bell Rd. in Blaine over the BNSF railroad tracks. Trains are often stopped here while processing through US CBP's VACIS scanner located about 3,000 ft. south of this intersection. This results in frequent backups on Bell Rd and Peace Portal Dr.	Blaine, WA / WSDOT	Scope under development.	Funded	\$550,000	2019	Infrastructure	Jan-19		
7	Road-POE-Ops.	Pac. Hwy.	Commercial vehicle wait-time assessment/validation This project will collect field data on commercial vehicle wait times, compare to system-generated measures, assess sources of discrepancies, recommend any identified improvements needed. If follow-on actions are simple, this project could include follow-on confirmation of effectiveness.	WSDOT, CBSA, BCMoT, CBP	Discussions occurring with primary stakeholders. Identification of system validation strategy.	Unfunded / coordinated agency actions		Summer 2019	Operations			
8	POE	Pac. Hwy.	Additional passenger inspection booths at CBP Pacific Highway This project would add four primary inspection booths to the existing array of six booths.	US CBP / GSA	Update: Feasibility study & cost est. complete	Unfunded	\$6-8 mil	2020?	Infrastructure			
9	Road-POE Ops.	Pac. Hwy.	Pacific Highway southbound lane-to-booth traffic flow Passenger vehicle approach lanes here unevenly distribute traffic to inspection booths. This generates additional congestion and creates significant discrepancies between real-time wait time estimates and individual driver experiences. This project will identify and implement a solution to more evenly distribute standard vehicle arrivals to all open standard inspection booths. This objective could also be addressed in planning and design of proposed additional primary inspection booths at this location.	U.S. CBP / BC MoTI	Acknowledged improvement. Awaiting funding opportunity or coordination with booth-addition project.	Unfunded	TBD	TBD	Operations	TBD		
10	Road-POE Ops.	Pac. Hwy.	Pacific Highway northbound active lane management To optimize traffic operations as the relative volume of different modes (standard autos, NEXUS autos, trucks, buses) changes by hour-of-day and day-of-week, this project will evaluate the feasibility of dynamically assigning approach lanes on state route 543 to dynamically-designated inspection booths at the CBSA port of entry. Microsimulation can be used for evaluation. This concept can also be explored in coordination with CBSA planning for needed improvements at the Pacific Highway POE.	WSDOT / CBSA	Acknowledged opportunity for improved traffic flow & congestion relief. Awaiting funding or connection to adjacent project.	Unfunded	TBD	TBD	Operations	TBD		
11	Road-POE Ops.	Multiple	Bluetooth/Wi-Fi border wait time system In addition to providing an additional wait-time measure to use to validate existing system estimates, a Bluetooth or Wi-F, based measure could provide an "actual wait time" (the estimated wait time actually experienced by vehicles that just <i>departed</i>) which matches better with hour-by-hour tracking by inspection agencies. The existing, loop-based system estimates "current wait time," the estimated wait time for the next <i>arriving</i> vehicle (better for traveler information).	CBSA, U.S. CBP, WSDOT, BC MoTI	Recurring interest from multiple agencies.	Unfunded	\$150,000	TBD	Operations	TBD		

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12	Road-POE Ops.	Multiple	Cascade Gateway Border Data Warehouse 3.0 The current web interface was last updated seven years ago. In addition to historical wait times and related detector data, the warehouse is now also storing selected data elements from CBP's Vehicle Primary Client (VPC). Since 2014, the VPC data have been archived in a cloud-based database separate from the existing Cascade Gateway data warehouse. This project would modify the Cascade Gateway Data Warehouse to also be the repository for past and future VPC data elements thus enabling better and more efficient analysis of traffic data.	WCOG	Funding applications submitted in 2017 (unsuccessful). Anticipated TC and FHWA discretionary funding opportunities will be pursued.	Unfunded	\$300,000	TBD	Data			
13	POE	Pac. Hwy.	CBSA POE redevelopment	CBSA	?	Under review	TBD	TBD	Infrastructure			
Additions from January 2019 Steering Committee meeting												
14	Road-POE Ops.	Douglas	Douglas metered arrival signal system / anti-idling zone Under consideration / feasibility assessment	WSDOT, CBSA	Concept development	Unfunded	TBD		Operations			
15	Planning	Multiple	Abb-Hnt--Sumas & Aldergrove-Lynden assessment Overall traffic projections, freight O-D and routing, estimated effects of hours and operational differences on routes, etc. -- resulting in a medium term strategy set.	CBP, CBSA, BC MoTI, WSDOT	Early proposal	WCOG - IMTC in-house	---		Planning			
16	Planning	Multiple	Regional Cross-border Mail Study Cross-border parcel pickup dynamics -- current and future and impacts on travel demand	WCOG	Early proposal	WCOG - IMTC in-house	---		Planning			
17	POE	BndrBay - Pt. Roberts	Boundary Bay Port of Entry Redevelopment Known needs for facility replacement.	CBSA	Unknown	Unfunded	TBD	TBD	Infrastructure			
18	Planning	Multiple	Commercial Vehicle Freight & Operations Study Next 5-year update in this series of ongoing assessment of cross-border freight characteristics and at-border freight traffic management operations.	WCOG/BPR I	Future	Unfunded	\$185,000	2021	Planning			

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FUNDED Projects - Initiated via IMTC and by individual agencies												
19	Planning	Pac. Hwy.	Pacific Highway Border Crossing Master Plan for redevelopment Development of a master plan to evaluate the current Canada Border Services Agency (CBSA) land border traffic facility at Pacific Highway, BC, using the guidelines of the Land Border Facilities Design Guide. The intention is to review the operational and program requirements at both the Pacific Highway Traffic and Commercial Operations for the purpose of completing the design and functionality of an existing facility.	CBSA	Planning	Funded	\$70,000	2017?	Planning	Sep-16	Complete ?	
20	Road	Lynden - Aldgrv.	BC Highway 13 border approach improvements This project would provide lane delineations at the southbound approach to the Lynden/Aldergrove ports-of-entry, and also provide a truck climbing lane northbound.	BC MoTI	Preliminary designs and cost estimates.	Funded	\$?	Spring 2017 - Fall 2021	Infrastructure	TBD	Compile list of border related modifications	
21	Road	Sumas - AbbHunt.	BC Highway 11 NEXUS lane improvements This project (as a stand-alone project or as part of a larger scope of work on this corridor) will result in a longer, dedicated approach for NEXUS passenger vehicles on southbound Highway 11 connecting to the U.S. Port of Entry at Sumas.	City of Abbotsford, BC MoTI, U.S. CBP	Construction Spring 2019	Funded	TBD	TBD	- Infrastructure - Operations	Spring 2019		
22	Road	Lynden - Aldgrv.	SR 539 congestion relief: Lynden to SR 546 (Badger Rd.) This project will widen State Route 539 (Guide Meridian) to four lanes from the City of Lynden to Badger Rd. (SR 546)	WSDOT	Preliminary designs exist. Redesign possible.	Funded	\$40,000,000	Start: 2023	Infrastructure	Jun-23		