



WHATCOM TRANSPORTATION POLICY BOARD

Wednesday, May 8, 2019, 3:30 p.m.

Gordon W. Rogers Conference Room

314 East Champion Street

Bellingham, Washington

AGENDA

PAGES

- A. CALL TO ORDER
- B. PUBLIC COMMENT
Citizens may speak informally to the Board on matters pertinent to its statutory responsibilities and which are not the subject of a public hearing. *Each speaker is allowed a maximum of three minutes.*
- C. AGENDA APPROVAL*
- D. APPROVAL OF MINUTES*
Meeting of March 13, 2019
- E. OLD BUSINESS (if any)
- F. PUBLIC HEARING
Amendment No. 1905 to the 2019 WCOG Transportation Improvement Program (TIP)
 - 1. Staff Presentation – Lethal Coe
 - 2. Open Public Hearing – Citizens may address the Board on the subject of the hearing *for a maximum of three minutes.*
 - 3. Close Public Hearing*
 - 4. Board Discussion and Vote*
- G. PUBLIC HEARING
Amend Whatcom Mobility 2040
 - 1. Staff Presentation – Hugh Conroy
 - 2. Open Public Hearing – Citizens may address the Board on the subject of the hearing *for a maximum of three minutes.*
 - 3. Close Public Hearing*
 - 4. Board Discussion and Vote*
- H. NEW BUSINESS
 - 1. Adoption of the State Fiscal Year 2020 Unified Planning Work Program – Mr. Conroy*
 - 2. Debriefing on the 2019 State Legislative Session – Tom Parker
 - 3. Other New Business (if any)

Persons with disabilities needing a special accommodation for this meeting should contact the WCOG office at (360) 676-6974, at least six (6) days prior to the meeting to receive assistance.

Para asistencia en español, por favor llame al (360) 685-8389.

WHATCOM TRANSPORTATION POLICY BOARD
AGENDA (continued)

- I. OBLIGATION STATUS UPDATE – Mr. Coe
- J. PLANNING DIRECTOR’S REPORT – Mr. Conroy
- 50 K. CORRESPONDENCE
- L. BOARD OPEN FORUM
- M. ADJOURN

* *Action item*

WHATCOM TRANSPORTATION POLICY BOARD
MINUTES – DRAFT
MARCH 13, 2019

IN ATTENDANCE:

MEMBERS VOTING: Jon Mutchler, Ferndale (Chairman); Scott Korthuis (1st Vice-Chairman), Lynden; Jack Louws (2nd Vice-Chairman) and Satpal Sidhu, Whatcom County; Terry Bornemann, Bellingham; Bonnie Onyon, Blaine; John Perry, Everson; Jeremiah Julius, Lummi Nation; Tom Jones, Nooksack; Jay Drye, WSDOT; Cathy Watson, WTA; NON-VOTING: Terry Terry, CTAG

GUESTS April Barker, Council Board; Tyler Schroeder, Whatcom County; Joe Timmons, Office of the Governor; Kirk Vinish, Lummi Nation

STAFF Bob Wilson (Secretary), Hugh Conroy, Susan Horst, Lethal Coe

A. CALL TO ORDER

Chairman Mutchler called the meeting to order at 3:30 p.m. with a quorum present.

B. PUBLIC COMMENT

No public comment was received.

C. AGENDA APPROVAL

ADOPTED BY UNANIMOUS CONSENT

D. APPROVAL OF MINUTES OF JANUARY 16, 2019

ADOPTED BY UNANIMOUS CONSENT

E. OLD BUSINESS

No old business was discussed.

F. PUBLIC HEARING

Amending the 2019 WCOG Transportation Improvement Program (TIP)

Mr. Coe described the proposed amendment to the 2019 TIP:

1. Add new WSDOT project *State Route 9/Acme Vicinity to Mt. Baker Highway Vicinity – Weigh-in-Motion Enforcement Area*. This project is different from the weigh-in-motion facility project approved in January. The construction of an enforcement area will enable more effective policing of freight traffic on SR 9. This project is funding through the Surface Transportation Block Grant Program at a cost of \$2,403,672. Construction is scheduled to begin in 2020.

2. Add WTA project *Replace Paratransit Mini Buses*. This project will replace approximately eight paratransit buses at a cost of \$1,000,000 and is funded through the Federal Transit Administration's 5307 and 5339 programs.

PUBLIC HEARING OPENED AT 3:03 P.M.

No members of the public were in attendance.

PUBLIC HEARING CLOSED AT 3:03 P.M. BY UNANIMOUS CONSENT

G. NEW BUSINESS

G.1 TIP Amendment No. 1903

MOTION: Mr. Korthuis moved, Mr. Bornemann seconded, to approve Amendment No. 1903 to the 2019 WCOG Transportation Improvement Program.

MOTION PASSED

H. OBLIGATION STATUS UPDATE

Mr. Coe briefed the Board on the obligation status of federally-funded regional projects.

I. PLANNING DIRECTOR'S REPORT

Following a briefing from Ms. Horst on the Seventh Grade Bus Program, Mr. Conroy briefed the Board on current and upcoming transportation planning activities.

J. CORRESPONDENCE

Mr. Wilson directed the representatives' attention to one letter that was included in the meeting packet.

M. BOARD OPEN FORUM

No comments were offered.

N. ADJOURNMENT

There being no further business, the meeting adjourned at 4:05 p.m.



MEMORANDUM

To: Whatcom Transportation Policy Board
From: Lethal Coe, Senior Planner
Date: April 30, 2019
Subject: WCOG 2019 TIP Amendments and Administrative Modifications

Amendment 3 (1905) of the 2019 WCOG Transportation Improvement Program (TIP) includes the following:

1. Add WCOG IMTC program project *Border Data Warehouse 3.0*. This project will build on the investment made in 2016 to integrate U.S. Customs and Border Protection's (CBP) booth status data system into wait time calculations by upgrading the existing Cascade Gateway Border Data Warehouse (BDW). The project has been awarded \$100,000 of Federal Highway Administration (FHWA). The total cost of the project is \$200,000.
2. Add WCOG project *UPWP – SFY 2020*. This project effectively replaces *UPWP – SFYs 2018 & 2019* and *UPWP – SFY 2020 & 2021* (both will be removed in the next item). The project is funded through regional Surface Transportation Block Grant funds and is programmed for \$191,924 and reduces the current UPWP programmed by \$113,746.
3. Remove WCOG projects *UPWP – SFY 2018 & 2019* and *UPWP – SFY 2020 & 2021*.
4. Amend WSDOT project *SR 539/Telegraph Road to Westerly Road – ADA*. This project's funding has increased through the National Highway Performance Program (NHPP) from \$461,264 to \$1,344,312. The project length has also changed from 0.55 to 0.67 miles.
5. Add new WSDOT project *I-5/SB Lake Samish Vic – Stormwater Retrofit*. This project will improve water quality along a high priority corridor and is funded through the federal National Highway Performance Program. Construction will begin in 2021 and the total cost of the project is \$3,212,000.

Formal TIP Amendments require review and resolution from the Policy Board to amend the current TIP and make federal funding accessible.

ACTION REQUESTED: Approve Amendment 3 for the Whatcom Council of Governments 2019 Transportation Improvement Program.

Watcom Council of Governments
2019 Transportation Improvement Program

Amendment 3 (1905) Table

#	Agency	Project Title(s)	Amended Action	Added Funds \$	Total Costs \$	Fed Source
1	WCOG	<i>Border Data Warehouse 3.0</i>	Add new project	200,000	200,000	FHWA
2	WCOG	<i>UPWP – SFY 2020</i>	Add new project	191,924	191,924	STBG
3	WCOG	<i>UPWP – SFY 2018 & 2019 UPWP – SFY 2020 & 2021</i>	Remove	-305,670	-305,670	STBG
4	WSDOT	<i>SR 539/Telegraph Road to Westerly Road - ADA</i>	Amend	913,691	1,385,706	NHPP
5	WSDOT	<i>I-5/SB Lake Samish Vic – Stormwater Retrofit</i>	Add new project	3,212,000	3,212,000	NHPP

No Policy Board Action Required

Recent Non-Amendment TIP Activities - administrative modifications are less substantial project changes and are administered by WCOG staff.

Administrative Modifications

Agency	Project	Modification Administered	Total Costs \$	Federal Source



whatcom council of governments

Memo

To: Whatcom MPO/RTPO Transportation Policy Board (WTPB)
Date: April 15, 2019
From: Hugh Conroy, Director of Planning *HC*
Subject: Proposed updates to the Whatcom region's long range transportation plan, *Whatcom Mobility 2040*.

Introduction

The Whatcom Transportation Policy Board approved a full, scheduled update of the region's long range transportation plan in July, 2017. While the bulk of the overall plan is still current, regional discussions since 2017 have identified transportation system improvements that are not on the regional project list approved that year. This memo and attachments (Attachment 1 and 2) describe and present proposed updates to the 2017 regional project list, some small plan-text updates to reflect WCOG's recent adoption of federally required performance measures for safety and system reliability, and suggests a motion for action.

Reasons for updates

Updates detailed on the attached project list (Attachment 1) are prompted by one or more of the following:

- A project was completed or is nearing completion so has been removed from the list (no longer listed on Attachment 1).
- Through consultations with WCOG jurisdictions, some future projects have had cost revisions and new projects have been identified.
- Requests from state legislators for priority projects to fund with possible new revenue have resulted in emphasis of projects that are on the existing regional plan (noted on the attached) as well as identification of new projects that are not on the 2017 list. Those are being proposed for addition now.
- Programs and periodic projects undertaken by WCOG, while not new activity, have not been listed on the regional project list before. To align with intentions to continue this work, they are proposed for inclusion.
- Regionally significant land-border ports of entry (POEs) with Canada are being advanced for rebuild/replacement by U.S. and Canadian federal border inspection agencies. While these projects would not factor into regional financial constraints, they are proposed for inclusion in because they are significant components of our regional transportation system.

Revisions to the LRTP's discussion of performance measures (Attachment 2) reflect the WTPB's adoption in 2018 of metrics and targets for safety and for system performance.

Suggested motion

"Approve the 2019 Whatcom Regional LRTP Project list and revisions to the LRTP discussion of adopted safety and system-performance measures as presented."

PROPOSED

Whatcom Region LRTP

Project List Updates - 15Apr, 2019

Highlighted = New or changed from 2017

	Agency	Label	Location	Description	Cost Estimate YOE (thsnds)	Completion Year	2019 updates	
							Update type	Note
1	Bellingham	Pedestrian Master Plan	Citywide	Various Unknown Tier 1, 2, 3 Sidewalk Links	\$3,787	2019-2021		
2	Bellingham	Granary Avenue and Laurel Avenue	Roeder Avenue to Cornwall Ave	Construction Granary Ave arterial from Roeder Ave to Laurel St. Construct Laurel Ave arterial from Granary Ave to Cornwall Ave. Pproject includes signal and channelization improvements at the intersection of Granary Avenue and Roeder Avenue, and intersection improvements at Cornwall Avenue.	\$10,346	2019		
3	Bellingham	Cordata Safe Routes to School Program	Aldrich Road, Mahogany Avenue to Cordata Elementary School	Fill the Tier 1 sidewalk and Tier 1 bike lane gaps on the east side of Aldrich Rd, install flashing 20 mph school zone signs, and improve street lighting	\$1,951	2019		
4	Bellingham	West Horton Road, Phase 1	Pacific Rim Lane to Aldrich Road	Construct new minor arterial roadway. Including bike lanes, separated boardwalk path, and illumination.	\$5,412	2019		
5	Bellingham	Cordata Parkway/Horton Road Intersection	Cordata Parkway/Horton Road	Convert Stop Control to Roundabout	\$2,482	2019		
6	Bellingham	Bicycle Master Plan	Citywide	Various Unknown Tier 1, 2, 3 Bikeway Links	\$3,246	2019-2022		
7	Bellingham	Northwest Avenue/West Bakerview Road Intersection Safety Improvements	Northwest Avenue/West Bakerview Road	Feasibility study for safety improvements; Safety improvements for vehicle collision reduction could include access management and, if possible, conversion of signal to roundabout	\$593	2020		
8	Bellingham	Orchard Drive Extension	Birchwood Avenue/Squalicum Way to James Street	Orchard Drive Extension is a new multi-modal arterial and multi-use trail connection extending from east Birchwood Ave/Squalicum Parkway, under I-5 along the railroad tunnel, to west of James Street	\$12,114	2020		
9	Bellingham	West Bakerview Road/I-5 Interchange Improvements	Pacific Highway to West Maplewood Ave	Yet to be determined. Possible new northbound on-ramp on east side; possible bridge widening	\$11,341	2020		
10	Bellingham	North Samish Way, Phase 2	Ellis Street to Bill MacDoland Parkway	Asphalt Resurfacing & ADA upgrades (5-foot sidewalks)	\$8,688	2020		
11	Bellingham	James Street/East Orchard Drive Intersection	James Street/East Orchard Drive	Construct a 4-way traffic signal	\$496	2020		
12	Bellingham	James Street/Telegraph Road Intersection	James Street/Telegraph Road	Construct a 4-way traffic signal	\$496	2020		
13	Bellingham	Citywide	Citywide	Arterial Street Resurfacing, Repair, Maintenance	\$15,456	2019-2022		
14	Bellingham	James Street Multimodal Improvements	East Orchard Drive to East Bakerview Road	Widen to Urban Arterial - Sidewalks, bike lane, 2 travel lanes, left-turn lanes,	\$8,628	2021		
15	Bellingham	Telegraph Road Multimodal Improvements	Deemer Road to James Street	Multimodal Improvements	\$863	2021		
16	Bellingham	Pedestrian Master Plan	Citywide	Various Unknown Tier 1, 2, 3 Sidewalk Links	\$8,780	2021		
17	Bellingham	James Street/East Bakerview Road Intersection Safety Improvements	James Street/East Bakerview Road	Convert Signal to Roundabout	\$4,479	2022		
18	Bellingham	Central Avenue/Roeder Avenue- Traffic Signal	Central Avenue/Roeder Avenue	New traffic signal and new "Quiet Zone" BNSF Railroad Crossing	\$1,766	2022		
19	Bellingham	West Horton Road Multimodal Corridor Extension, Phase 2	Aldrich Road to Northwest Drive	New Urban Arterial - Sidewalks, bike lanes, 2 travel lanes, left-turn lanes. Roundabout at Northwest/Horton, signal at Aldrich/Horton	\$15,217	2022-2027		
20	Bellingham	Connelly Avenue/I-5 southbound on/off Intersection	Connelly Ave/I-5	Construct a 4-way traffic signal	\$496	2022-2027		
21	Bellingham	Northwest Drive/Aldrich Road Intersection	Northwest Drive/Aldrich Road	Install right-in; right-out only turn restrictions	\$62	2022-2027		
22	Bellingham	Northwest Avenue/West Maplewood Avenue Intersection	Northwest Avenue/West Maplewood Avenue	Construct a 4-way traffic signal	\$496	2022-2027		
23	Bellingham	Bicycle Master Plan	Citywide	Various Unknown Tier 1, 2, 3 Bikeway Links	\$7,526	2022-2027		
24	Bellingham	Citywide	Citywide	Arterial Street Resurfacing, Repair, Maintenance	\$31,357	2022-2027		
25	Bellingham	Meridian Street/Birchwood Avenue and Meridian Street/Squalicum Way Intersection	Meridian Street/Birchwood Avenue, Meridian Street/Squalicum Way	Reconstruct Traffic Signals to Roundabouts	\$9,929	2022-2027		On 2019 regional legislative list
26	Bellingham	North James Street Multimodal Arterial Connection	North James Street	Multimodal Arterial Connection	\$7,062	2023		

PROPOSED

Whatcom Region LRTP

Project List Updates - 15Apr, 2019

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	Agency	Label	Location	Description	Cost Estimate YOE (thsnds)	Completion Year	2019 updates	
							Update type	Note
27	Bellingham	Boulevard Park to Cornwall Park Overwater Pedestrian Walkway	Boulevard Park to Waterfront	Construction of Overwater Pedestrian Walkway	\$11,182	2023		
28	Bellingham	C St / W Holly - Traffic Signal	C Street/Holly	New traffic signal	\$506	2023		
29	Bellingham	C St / Roeder Ave - Traffic Signal	C Street/Roeder	New traffic signal	\$500	2023		
30	Bellingham	South Cornwall Avenue	Wharf Street to Cornwall Beach	New collector arterial to connect Cornwall to the south end of the Waterfront District	\$7,289	2028		
31	Bellingham	James Street, Phase 2	East Bakerview Road to East Kellogg Road	Widen to Urban Arterial - Sidewalks, bike lane, 2 travel lanes, left-turn lanes	\$7,710-\$9,905	2028-2040		On 2019 regional legislative list
32	Bellingham	West Maplewood Avenue	Alderwood Avenue to Bakerview Rd	Reconstruct to Urban Arterial standard - Sidewalks, bike lanes, 2 travel lanes.	\$16,267 - \$20,896	2028-2040		
33	Bellingham	Van Wyck Road	James Street to SR 539	New Urban Arterial - Sidewalks, bike lanes, 2 travel lanes, left-turn lanes.	\$12,200-\$15,672	2028-2040		
34	Bellingham	East Bakerview Road	Deemer Road to Hannegan Road	Widen to Urban Arterial - Sidewalks, bike lanes, 2 travel lanes, center left-turn lane	\$14,911-\$19,154	2028-2040		
35	Bellingham	East Horton Road	SR 539 to Deemer Road	Widen to Urban Arterial - Sidewalks, bike lane, 2 travel lanes, left-turn lanes	\$5,015-\$6,443	2028-2040		
36	Bellingham	Pedestrian Master Plan	Citywide	Various Tier 1, 2, 3 Sidewalk Links	\$18,513	2028-2040		
37	Bellingham	Bicycle Master Plan	Citywide	Various Tier 1, 2, 3 Bikeway Links	\$15,427	2028-2040		
38	Bellingham	Citywide	Citywide	Arterial Street Resurfacing, Repair, Maintenance	\$90,250	2028-2040		
39	Bellingham	Cornwall Avenue Bridge Reconstruction	Over BNSF Railroad	Reconstruct existing bridge to three travel lanes, 5' bike lanes, 5' sidewalks	\$33,469	2030		
40	Blaine	Pavement Preservation	City-wide	Annual resurfacing program of city streets	\$150	2019-2024	New	
41	Blaine	Hughes Avenue Improvements	Peace Portal Drive to Odell Road	Widen Hughes Ave and upgrade to truck standards from approx 200 feet west of Peace Portal Dr to Sweet Road. Other improvements include bus stop, sidewalks, larger turn radii, and storm sewer upgrades.	\$2,580	2019		
42	Blaine	H Street School Safety Improvements	6th Street to SR 543	School safety improvements	\$150	2019		
43	Blaine	Peace Portal Dr Downtown Sidewalk Reconstruction	G Street to Clark Street	Sidewalk Reconstruction	\$609	2019		
44	Blaine	Peace Portal Drive Community Trail - Phase 2	Bayview Avenue to Hughes Avenue	Bay to Bay Trail connection	\$210	2019		
45	Blaine	Boblett Street Traffic Channelization and Corridor Improvements	Boblett Street	Improvements will include: Channelization, ROW acquisition, non-motorized, sidewalk replacement, storm drainage, roundabout construction.	\$2,162	2020	Cost	
46	Blaine	Peace Portal Drive/Bell Road Channelization	Peace Portal Drive/Bell Road	Street improvements to allow some relief of congestion due to train traffic blocking the intersection for significant periods of time.	\$150	2022	Cost	
47	Blaine	Marine Drive Phase 3	Lighthouse Point Water Reclamation Facility to Public Pier	Reconstruct road	\$3,106	2022	Cost	
48	Blaine	Boblett Street Signalization and SR 543 improvements	Boblett Street to H Street	Improvements will include: Channelization, ROW acquisition, non-motorized, sidewalk replacement, storm drainage, roundabout construction.	\$3,064	2022		
49	Blaine	Peace Portal Drive Sidewalk Gap Elimination	Clark Street to Boblett Street	Sidewalk Gap Elimination	\$265	2022		
50	Blaine	Peace Portal Drive/Bell Road Signalization	Peace Portal Drive/Bell Road	Improve Signalization	\$828	2022		
51	Blaine	Semiahmoo Spit Pedestrian Path Safety Improvements - Phase 2	County Park to Marina	Pedestrian Path Safety Improvements	\$2,784	2022		
52	Blaine	Mitchell Avenue/H Street Signalization	Mitchell Avenue/H Street	Improve Signalization	\$621	2022		
53	Blaine	I-5 Exit 274 Grade Separation	I-5 Exit 274/Bell Road/SR548	Preliminary Design, Right of Way acquisition and Construction of railroad grade separation at this intersection	\$24,180	2022		
54	Blaine	H Street/Peace Portal Drive Signal	H Street/Peace Portal Drive	Add signal to intersection	\$540	2028-2040		
55	Blaine	Mitchell Avenue/Peace Portal Drive Signal	Mitchell Avenue/Peace Portal Drive	Add signal to intersection	\$540	2028-2040		
56	Blaine	Hughes Road/Peace Portal Drive Signal	Hughes Road/Peace Portal Drive	Add signal to intersection	\$700	2028-2040		

PROPOSED

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57	Blaine	H Street/Harrison Avenue Signal	H Street/Harrison Avenue	Add signal to intersection	\$700	2028-2040		
58	Canada Border Services Agency	Redevelopment of Pacific Highway Port of Entry (POE).	Served by WA State Rte 543	Rebuild POE	TBD	2024	New	Significant to regional system but located in and paid for by Canada.
59	Everson	Preservation Program	Designated Arterials	Preserve designated arterials through timely overlays and reconstruction	\$175	2019-2022		
60	Everson	SR 544 South Everson Sidewalk Improvements	SR 544 South Everson	Fill in missing segments of sidewalk along SR 544 from approximately Robinson Street to Everson Road	\$1,851	2020		
61	Everson	BNRR R/W - Trail/Utility Corridor	Chestnut Street/Mission Road Intersection south to South Everson	Land acquisition of the abandoned BNRR/RW for purpose of creating a trail extension for the Bay to Baker trail	\$315	2020		
62	Everson	Everson Road Improvements	SR544 to Robinson Street	Overlay Everson Rd. and add sidewalks on the west side from SR 544 to Robinson Street	\$907	2023		
63	Everson	Preservation Program	Designated Arterials	Preserve designated arterials through timely overlays and reconstruction	\$353	2023-2028		
64	Everson	Preservation Program	Designated Arterials	Preserve designated arterials through timely overlays and reconstruction	\$858	2029-2040		
65	Ferndale	Pavement Rehabilitation Program	City-wide	City-wide program	\$3,905	2019-2027		
66	Ferndale	Thornton Road / Malloy Avenue Intersection	Thornton Road / Malloy Avenue	Construct single lane roundabout	\$4,979	2019		
67	Ferndale	Church Road / Thornton Road Intersection	Church Road / Thornton Road	Dig out and repave to repair failing driving surface and install ADA ramps on all corners of intersection	\$365	2019		
68	Ferndale	Main Street / Washington Street / Legoe Avenue Intersection	Main Street / Washington Street / Legoe Avenue	Realignment and channelization. Construct an exclusive southbound left-turn lane	\$444	2020		
69	Ferndale	Thornton Street Overpass	Malloy Avenue to Portal Way	Construct Thornton Rd Overpass from Malloy Ave to Portal Way.	\$33,345	2021		
70	Ferndale	Thornton Road	Vista Drive to Malloy Ave	Reconstruct and widen to meet City standards, including utilities	\$2,049-\$2,577	2023		
71	Ferndale	Thornton Road	Church Road to Maureen Drive	North side of road, 8-ft wide road widening and curb, gutter, sidewalk and storm. Existing road and south side curb, gutter and sidewalk remains.	\$2,603-\$3,274	2024		
72	Ferndale	Main Street / I-5 Overpass Reconfiguration	Main Street / I-5 Overpass Interchange	Widen to five lanes and include multimodal improvements.	\$25,484-\$32,737	2028-2040	Label	On 2019 regional legislative list
73	Ferndale	Portal Way / I-5 Northbound Ramps Intersection	Portal Way / I-5 Northbound Ramps	Construct single lane roundabout	\$801	2028		
74	Ferndale	Washington Street / Vista Drive Intersection	Washington Street / Vista Drive	One larger roundabout or two compact roundabouts at Washington Street and Vista Drive	\$4,412	2028-2040		
75	Ferndale	Main Street / Hovander Drive Intersection	Main Street / Hovander Drive	Install partial signal to provide phase for westbound left-turns	\$610	2028-2040		
76	Ferndale	Main Street / Labounty Drive Intersection	Main Street / Labounty Drive	Construct 2 lane roundabout, including northbound and eastbound slip lanes and two southbound approach lanes	\$2,149	2028-2040		
77	Ferndale	Smith Road / Labounty Drive Intersection	Smith Road / Labounty Drive	Construct single lane roundabout	\$801	2028-2040		
78	Ferndale	Slater Road / Rural Avenue Intersection	Slater Road / Rural Avenue	Maintain a signalized intersection. Extend westbound left-turn and northbound right-turn lanes	\$343	2028-2040		
79	Ferndale	Labounty Drive / Nordic Way Intersection	Labounty Drive / Nordic Way	Signalize intersection	\$839	2028-2040		
80	Ferndale	Barrett Road / Southeast Connector Road Intersection	Barrett Road / Southeast Connector Road	Construct 1 lane roundabout	\$877	2028-2040		
81	Ferndale	Slater Road / Pacific Highway Intersection	Slater Road / Pacific Highway	Construct 1 lane roundabout	\$1,068	2028-2040		
82	Ferndale	Main Street / Southeast Connector Road Intersection	Main Street / Southeast Connector Road	Construct 1 to 2 lane roundabout with eastbound and northbound right turn lanes	\$1,653	2028-2040		
83	Ferndale	LaBounty Drive	Seahawk Drive to Sunset Avenue	Reconstruct and widen to meet City standards, including utilities	\$8,926	2028-2040		

PROPOSED

Whatcom Region LRTP

Project List Updates - 15Apr, 2019

Highlighted = New or changed from 2017

	Agency	Label	Location	Description	Cost Estimate YOE (thsnds)	Completion Year	2019 updates	
							Update type	Note
84	Ferndale	Main Street	Barrett Road to east City Limits	Reconstruct and widen to meet City standards, including utilities	\$10,185	2028-2040		
85	Ferndale	Barrett Road	Smith Road to north City Limits	Reconstruct and widen to meet City standards, including utilities and sidewalk on one side of the street	\$16,543	2028-2040		
86	Ferndale	LaBounty Drive	Main Street to Smith Road	Reconstruct and widen to meet City standards, including utilities and sidewalk on one side of the street	\$16,937	2028-2040		
87	Ferndale	Pavement Rehabilitation Program	City-wide	City-wide program	\$7,220	2028-2040		
88	Ferndale	Grandview Interchange Reconfiguration	Grandview / I-5 Overpass Interchange	Widen Grandview Rd interchange and ramps that includes improvements to northbound ramps, freight passage, the railroad intersection, and to add multi-modal components.	\$50,000	2029-2040	New	On 2019 regional legislative list
89	Ferndale	Portal Way Improvements	I-5 Northbound to Trigg Road	Reconstruct and widen to meet City standards, including utilities	\$19,894-\$25,023	2029-2040		On 2019 regional legislative list
90	Ferndale	Portal Way / North Enterprise Street / Destiny Street Intersection	Portal Way / North Enterprise Street / Destiny Street	Remove south leg of Portal Way and improve alignment into Destiny Street / North Enterprise Street intersection	\$1,897-\$2,386	2029-2040		
91	Ferndale	Smith Road / Barrett Road Intersection	Smith Road / Barrett Road	Construct 2 lane roundabout	\$1,467-\$1,846	2029-2040		
92	Ferndale	Main Street / Barrett Road Intersection	Main Street / Barrett Road	Signalize intersection or construct roundabout	\$914-\$1,149	2029-2040		
93	Ferndale	Main Street Signal Improvements - Long Term	Labouty Drive to Douglas Road	Implement an Adaptive Signal Control system	\$554-\$697	2029-2040		
94	Lynden	Glenning Street Sidewalk/Trail	BC Avenue to 8th Street	Sidewalk and Trail Construction	\$70	2018		
95	Lynden	Non-street trail and multi-use transportation and recreational network	Various locations through the City	Construction of new non-motorized vehicle facilities and multi-use trails throughout the City	\$1,000 - \$1,500	2019-2040	New	
96	Lynden	Pepin Creek Sub-Area Transportation Network	Benson west to the northern extension of 19th. And Main Street north to Badger Road (SR-546)	New construction and connection of street network to provide safe and functional movement of vehicles, pedestrian and multi-modal transportation to serve required State mandated UGA development.	\$15,000 - \$25,000	2019-2040	New	On 2019 regional legislative list
97	Lynden	Jim Kaemingk Sr. Trail Fishtrap Creek Core	Depot Road to N. 8th, 17th to Front, Front to Kok Road, Kok Road to Guide Meridian (SR-539)	Construction of new transportation and multi-use trail along Fishtrap Creek. Reconstruction of system for full utilization as needed.	\$1,000 - \$ 5,000	2019-2040	New	On 2019 regional legislative list
98	Lynden	Main Street Corridor Completion	Berthusen Road east 0.5 miles to existing roadway	Reconstruct corridor to City standard arterial with sidewalks and bicycle facilities. Construct roundabout at W Main and Berthusen Rd.	\$2,108	2019		On 2019 regional legislative list
99	Lynden	Bicycle Facilities and Pathways Program	Bicycle Facilities and Pathways Program	Striping of City-identified bicycle routes within City limits. Some facilities may be listed above in reconstruction projects.	\$217	2019-2027		
100	Lynden	Sidewalk / Crossing Improvement Program	Sidewalk / Crossing Improvement Program	Annual program to construct missing sidewalk links, repair existing sidewalks, improve crosswalk markings, and install ADA- accessible curb ramps at intersections.	\$597	2019-2027		
101	Lynden	Street Overlay and Maintenance	Street Overlay and Maintenance	Annual program to maintain the City's transportation roadway infrastructure.	\$1,085	2019-2027		
102	Lynden	7th Street from Judson Street to Grover Street	7th Street from Judson Street to Grover Street	Reconstruct corridor to City standards (inc. 36' width), including sidewalks. Consider intersection improvements at Grover Street, including compact roundabouts, in coordination with this project	\$1,061	2020		
103	Lynden	Northwood Road	South City limits to Badger	Preliminary Engineering; Upgrade to Full City Standard	\$565	2020		
104	Lynden	SR 546 Intersection w/ City Arterials	Intersections	Upgrade Lighting & Channelization	\$905	2020		
105	Lynden	Line Road Box Culvert Bridge Reconstruction	Line Road Box Culvert Bridge Reconstruction	Reconstruct box culvert on Line Road near the KOA campground.	\$2,578	2020		
106	Lynden	Bradley Road	Vinup Road to Line Road	Reconstruct corridor to City standards (inc. 36' width), including sidewalks and bicycle facilities.	\$3,901	2021		On 2019 regional legislative list
107	Lynden	Benson Road	Benson Lane to Badger Road	Reconstruct to City standards (inc. 36' width), including sidewalks and bicycle facilities.	\$7,938	2021		
108	Lynden	Double Ditch Road	Main Street to Village Drive	Reconstruct corridor at current street width, adding sidewalks and bicycle facilities, and other safety measures	\$600	2022-2025	New	

PROPOSED

Whatcom Region LRTP

Project List Updates - 15Apr, 2019

Highlighted = New or changed from 2017

	Agency	Label	Location	Description	Cost Estimate YOE (thsnds)	Completion Year	2019 updates	
							Update type	Note
109	Lynden	Double Ditch Road	Main Street to north City limits	Reconstruct/Upgrade corridor to City standard (inc. 36' width), including sidewalks and bicycle facilities, and other safety measures.	\$9,500	2022-2030	New	
110	Lynden	Berthusen Road	Birch Bay Lynden Road to Main Street	Design engineering to full City standard	\$353	2022		
111	Lynden	3rd St Corridor	Front Street to Grover Street	Reconstruct corridor to HBD standards (inc. 36' width), including sidewalks. Complete intersection and signal timing improvements as needed.	\$687	2028-2040		
112	Lynden	1st Street and Grover Street Intersection	1st Street and Grover Street	Add left-turn signal heads and adjust signal timing to provide for protected left-turns on Grover Street.	\$64	2028-2040		
113	Lynden	17th Street and Front Street Intersection	17th Street and Front Street	Add left-turn signal heads and adjust signal timing to provide for protected left-turns on Front Street.	\$64	2028-2040		
114	Lynden	Birch Bay - Lynden Road and Berthusen Road Intersection	Birch Bay - Lynden Road and Berthusen Road	Evaluate intersection operations and install roundabout to improve future level of service when needed.	\$1,322	2028-2040		
115	Lynden	Bicycle Facilities and Pathways Program	Bicycle Facilities and Pathways Program	Striping of City-identified bicycle routes within City limits. Some facilities may be listed above in reconstruction projects.	\$401	2028-2040		
116	Lynden	Sidewalk / Crossing Improvement Program	Sidewalk / Crossing Improvement Program	Annual program to construct missing sidewalk links, repair existing sidewalks, improve crosswalk markings, and install ADA- accessible curb ramps at intersections.	\$1,103	2028-2040		
117	Lynden	Street Overlay and Maintenance	Street Overlay and Maintenance	Annual program to maintain the City's transportation roadway infrastructure.	\$2,006	2028-2040		
118	Lynden	Kamm Road	Line Road to Northwood	Reconstruct/Upgrade corridor to City standard (inc. 36' width), including sidewalks and bicycle facilities, and other safety measures.	\$1,490	2029-2040	New	
119	Lynden	17th Street and Grover Street Intersection	17th Street and Grover Street	Evaluate intersection operations and install traffic signal to improve future level of service when needed.	\$665-\$836	2029-2040		On 2019 regional legislative list
120	Lynden	W Front Street and Tromp from Duffner Drive to Birch Bay - Lynden Road	W Front Street and Tromp from Duffner Drive to Birch Bay - Lynden Road	Reconstruct corridor to City standard (inc. 36' width), including sidewalks and bicycle facilities.	\$5,828-\$7,331	2029-2040		On 2019 regional legislative list
121	Lynden	SR 546 and Benson Road	SR 546 and Benson Road	Upgrade intersection to a roundabout consistent with designs at adjacent intersections on SR 546 corridor.	\$1,399	2029-2040		
122	Lynden	SR 546 and Vinup Road	SR 546 and Vinup Road	Upgrade intersection to a roundabout consistent with designs at adjacent intersections on SR 546 corridor.	\$1,373	2029-2040		
123	Lynden	SR 546 and Line Road	SR 546 and Line Road	Upgrade intersection to a roundabout consistent with designs at adjacent intersections on SR 546 corridor.	\$1,399	2029-2040		
124	Lynden	SR 539 (Guide Meridian) from Birch Bay Lynden to SR 546 (Badger Rd)	SR 539 (Guide Meridian) from Birch Bay Lynden to SR 546 (Badger Rd)	Add roadway capacity as part of WSDOT project. Widen roadway to 4 travel lanes between BBL and Main Street. Lane and shoulder widening north of Main Street with safety improvements. Possible roundabouts at Main and Badger Intersections.	\$27,478	2029-2040		
125	Lynden	Line Road - Badger Road to Bradley Road	Badger Road to Aaron, and Burlwood to Bradley Rd	Reconstruct corridor to City standard (inc. 36' width), including sidewalks and bicycle facilities, and other safety measures to address building of a new school along Line Road.	\$2,963	2029-2040		
126	Lynden	7th Street and Front Street Intersection	7th Street and Front Street	New connection on 7th Street will add additional volume to intersection (see Project R-1). Evaluate intersection operations and install improvements (signal/compact roundabout) to improve future level of service when needed.	\$415-\$522	2029-2040		
127	Lynden	Benson Road and Main Street Intersection	Benson Road and Main Street	Evaluate intersection operations and install traffic signal to improve future level of service when needed.	\$665-\$836	2029-2040		
128	Nooksack	Preservation Program	Multiple Arterials	Preservation Program	\$111	2019-2022		

PROPOSED

Whatcom Region LRTP

Project List Updates - 15Apr, 2019

Highlighted = New or changed from 2017

	Agency	Label	Location	Description	Cost Estimate YOE (thsnds)	Completion Year	2019 updates	
							Update type	Note
129	Nooksack	Nooksack Avenue (SR 9) Sidewalk	Hayes Street to Tom Road	Install sidewalk on Nooskack Avenue (SR 9) on west side of street	\$177	2022		
130	Nooksack	South Pass Road Sidewalk	South Pass Road east of SR 9	Sidewalk along north side of road, approximately 450 feet	\$302	2023		
131	Nooksack	Preservation Program	Multiple Arterials	Preservation Program	\$166	2023-2028		
132	Nooksack	Preservation Program	Multiple Arterials	Preservation Program	\$404	2029-2040		
133	Port of Bellingham	Harris Ave Crossing	Harris Ave at rail crossing	Construct pedestrian/bike crossings and channelization for both sides of Harris Ave. Install center medians. Upgrade/replace the railroad signal system.	\$463	2019	New	
134	Port of Bellingham	Schultz Drive Upgrade and Expansion	Roeder Ave and Squaticum Way Truck Route	Upgrade to city standards and include multimodal facilities	\$1,500	2019 - 2027	New	On 2019 regional legislative list
135	Port of Bellingham	Bellingham Cruise Terminal Staging Road RR Crossing Safety Improvements	Bellingham Regional Transportation Hub	Crossing channelization of pedestrian and vehicle pathways, upgrade railroad signal system.	\$1,400	2019 - 2027	New	On 2019 regional legislative list
136	Port of Bellingham	Hilton Ave - Marine Trades Access Improvements	Hilton Ave	Upgrade to facilities to city standards.	\$500	2019 - 2027	New	On 2019 regional legislative list
137	Port of Bellingham	Blaine Marine Drive - Marine Trades and Public Access	Blaine Marine Dr	Reconstruct road infrastructure to improve multimodal access.	\$3,100	2019 - 2027	New	On 2019 regional legislative list
138	Sumas	Various Sidewalks	Sumas City Limits	Repair various arterial sidewalks throughout the city	\$26	2019		
139	Sumas	Sumas Avenue Reconstruction	From E. Front Street (SR 547) to Garfield Street	Reconstruct Sumas Avenue from SR 547 (Front Street) to Garfield Street	\$2,781	2024		
140	Sumas	Barbo Road	Barbo Road	Reconstruct to meet Heavy Haul Road Standards	\$931	2024		
141	Sumas	SR 9 (Cherry Street) bridge replacement	SR 9 bridge crossing Johnson Creek	Replace SR 9 (Cherry Street) bridge that crosses Johnson Creek	\$3,724	2025		
142	U.S. Customs and Border Protection	Additional Primary Inspection Booths at Pacific Highway Port of Entry (POE)	POE at State Route 543, Blaine, WA	Add four primary inspection booths to existing six with corresponding canopy, road, and lane modifications.	\$8,000	2023	New	Part of regional system but would be paid for by direct federal investment.
143	U.S. Customs and Border Protection	Redevelopment of Sumas, WA, Port of Entry	POE at State Route 9, Sumas, WA	Rebuild this 30 year old facility.	\$30,000	2026	New	Part of regional system but would be paid for by direct federal investment.
144	U.S. Customs and Border Protection	Redevelopment of Lynden, WA Port of Entry	POE at State Route 539, Lynden, WA	Rebuild this 33 year old facility.	\$20,000	2027	New	Part of regional system but would be paid for by direct federal investment.
145	WCOG	MPO & RTPO Work Program	Whatcom planning area	Metropolitan Planning Organization (federal) and Regional Transportation Planning Organization (state) planning and programming responsibilities.	\$710	Annual	New	Not new activity but not previously listed LRTP project list
146	WCOG	IMTC Program - Regional Cross-border Planning & Coordination	Cross-border region	Adminstration of and participation in coordination of regional, cross-border planning, programming, and operations.	\$240	Annual	New	Not new activity but not previously listed LRTP project list
147	WCOG	Mobility Programs	Whatcom County	Adminstration of programs to improve regional mobility through transportation demand management (commute trip reduction), incentive programs (Smart Trips), and travel training, and related interagency partnerships.	\$410	Annual	New	Not new activity but not previously listed LRTP project list
148	WCOG	Cascade Gateway Border Data Warehouse 3.0	Cross-border region	Update to the existing border traffic data archive system to address data storage efficiencies, modernize the user interface, and integrate new data sources.	\$300	2020	New	Project identified by IMTC coalition.
149	WCOG	Regional Household Travel Survey	Whatcom County	10-year refresh of housedhold travel data.	\$300	2028, 2038	New	
150	Whatcom County	ADA Barrier Removal and Pedestrian Improvements	Countywide	Systematically remove and replace barriers with ADA compliant pedestrian facilities	\$3,000	2019-2027	New	On 2019 regional legislative list
151	Whatcom County	Various Bridges Rehabilitation/Replacement	Whatcom County	As prioritized	\$20,000	2020-2040		

PROPOSED

Whatcom Region LRTP

Project List Updates - 15Apr, 2019

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	Agency	Label	Location	Description	Cost Estimate YOE (thsnds)	Completion Year	2019 updates	
							Update type	Note
152	Whatcom County	Lummi Island Breakwater Replacement	Lummi Island	Replace existing timber pile dolphins and breakwater with steel pile supported structures	\$2,000	2020		
153	Whatcom County	East Smith Road/Hannegan Road	East Smith Road/Hannegan Road	Install 2 lane roundabout with multi-modal and safety enhancements	\$4,000	2021		
154	Whatcom County	Marine Drive	Locust Ave to Alderwood Ave	Reconstruct to Urban Minor Arterial standards with non-motorized facilities	\$3,500	2021		
155	Whatcom County	Birch Bay Drive & Pedestrian Facility	Birch Bay Drive (Lora Ln to Cedar Ave)	Construct a soft shore beach berm for roadway protection with a pedestrian pathway and drainage upgrades.	\$11,450	2022		
156	Whatcom County	Birch Bay Drive	Jackson Road to Shintaffer Road	Resurfacing, restoration & rehabilitation improvements with multi-modal enhancements	\$3,000	2023		
157	Whatcom County	North Lake Samish Road Bridge No. 107	North Lake Samish Road Bridge No. 107	Replacement with multi-modal enhancements	\$9,000	2024		On 2019 regional legislative list
158	Whatcom County	Slater Road & Northwest Drive	Slater Road & Northwest Drive	Intersection Improvements as warranted with multi-modal, safety enhancements and fish passage	\$6,000	2024		
159	Whatcom County	Birch Bay-Lynden Road/Blaine Road (SR 548)	Birch Bay-Lynden Road/Blaine Road (SR 548)	Intersection Improvements as warranted with multi-modal, drainage and safety enhancements	\$5,000	2024		
160	Whatcom County	Mosquito Lake Road/Porter Creek Bridge No. 141	Mosquito Lake Road/Porter Creek Bridge No. 141	Replacement with multi-modal enhancements	\$3,000	2024		
161	Whatcom County	Mosquito Lake Road/Hutchinson Creek Tributary	Mosquito Lake Road/Hutchinson Creek Tributary	Fish Passage	\$2,000	2024		
162	Whatcom County	Jackson Road/Terrell Creek Bridge No. 81	Jackson Road/Terrell Creek Bridge No. 81	Replacement with multi-modal enhancements	\$5,000	2025		
163	Whatcom County	Birch Bay-Lynden Road/Harborview Road	Birch Bay-Lynden Road/Harborview Road	Intersection Improvements as warranted with multi-modal, drainage and safety enhancements	\$4,000	2025		
164	Whatcom County	Everson Goshen Road	Smith Road to SR 544	Resurfacing, restoration & rehabilitation improvements with multi-modal enhancements	\$4,000	2025		
165	Whatcom County	Lake Whatcom Boulevard Water Quality Improvements	Cable St to Strawberry Pt	Water quality improvements and multi-modal enhancements	\$7,000	2026		On 2019 regional legislative list
166	Whatcom County	Lakeway Drive Corridor Improvements	B'ham City Limits to Lakeview	Multi Modal/Safety Improvements throughout the corridor	\$2,500	2026		
167	Whatcom County	West Smith Road/Northwest Drive	West Smith Road/Northwest Drive	Intersection Improvements as warranted with multi-modal, drainage and safety enhancements	\$5,000	2026		
168	Whatcom County	Birch Bay Drive/Harborview Road	Birch Bay Drive/Harborview Road	Intersection Improvements as warranted with multi-modal, drainage and safety enhancements	\$4,000	2026		
169	Whatcom County	Marine Drive	Alderwood Ave to BNSF RR Overpass (Bridge No. 172)	Reconstruct to Urban Minor Arterial standards with non-motorized facilities	\$3,000	2027		
170	Whatcom County	Slater Road	Interchange to Pacific Highway	Intersection Improvements as warranted with multi-modal, drainage and safety enhancements	\$16,000	2027		
171	Whatcom County	Martin Road/Anderson Creek Bridge No. 250	Martin Road/Anderson Creek Bridge No. 250	Replacement with multi-modal enhancements	\$3,000	2027		
172	Whatcom County	East Smith Road	Ferndale City Limits to Everson Goshen Road	Resurfacing, restoration & rehabilitation improvements with multi-modal enhancements	\$8,000	2027		
173	Whatcom County	Slater Road	Hannegan Road to Northwest Drive	Construct 2-lane extension road to Kelly Road at Collector standards with non-motorized facilities	\$20,000	2028-2040		On 2019 regional legislative list
174	Whatcom County	North Shore Road	Bellingham City Limits to Y Road	Spot Safety, stormwater improvements and multi-modal enhancements	\$4,000	2028		On 2019 regional legislative list
175	Whatcom County	Lincoln Road Extension and Improvement	Harborview Road to Blaine Road (SR 548)	Reconstruct existing road and construct 2-lane urban arterial to Blaine Road with nonmotorized enhancement including intersection improvements at Blaine Road and Harborview Road	\$6,000	2028		
176	Whatcom County	Lake Louise Road	Lake Whatcom Boulevard to Austin Street	Reconstruct to Major Collector standards including non-motorized facilities	\$15,000	2028-2040		

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Whatcom Region LRTP

Project List Updates - 15Apr, 2019

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	Agency	Label	Location	Description	Cost Estimate YOE (thsnds)	Completion Year	2019 updates	
							Update type	Note
177	Whatcom County	Slater Road/Ferndale Road	Slater Road/Ferndale Road	Intersection Improvements as warranted with multi-modal, drainage and safety enhancements	\$6,000	2028-2040		
178	Whatcom County	Birch Bay-Lynden Road/Kickerville Road	Birch Bay-Lynden Road/Kickerville Road	Intersection Improvements as warranted with multi-modal, drainage and safety enhancements	\$6,000	2028-2040		
179	Whatcom County	Harborview Road	Birch Bay Drive to Birch Bay-Lynden Road	Improve roadway to Urban Principal Arterial standards including non-motorized facilities	\$2,000	2028-2040		
180	Whatcom County	Harborview Road	Birch Bay-Lynden Road to Drayton Harbor Road	Improve roadway to Major Collector standards including non-motorized facilities	\$5,000	2028-2040		
181	Whatcom County	Jackson Road	Birch Bay Drive to Grandview Road	Reconstruct to Rural Collector standards including paved shoulders for non-motorized facilities	\$5,000	2028-2040		
182	Whatcom County	Blaine Road (SR 548)/Drayton Harbor Road	Blaine Road (SR 548)/Drayton Harbor Road	Intersection Improvements as warranted with multi-modal, drainage and safety enhancements	\$6,000	2028-2040		
183	Whatcom County	Blaine Road (SR 548)/Loomis Trail Road	Blaine Road (SR 548)/Loomis Trail Road	Intersection Improvements as warranted with multi-modal, drainage and safety enhancements	\$6,000	2028-2040		
184	Whatcom County	Marine Drive	Lummi Shore Drive (North of Cagey Road) to Country Lane	Resurfacing, restoration & rehabilitation improvements with multi-modal enhancements	\$3,000	2028-2040		
185	Whatcom County	Slater Road	Lake Terrell Road to 0.70 miles west of Haxton Way (1.8 miles)	Add left-turn lanes at Rural Major Collector standards with multi-modal enhancements	\$4,000	2028-2040		
186	Whatcom County	Goshen Road/Anderson Creek Bridge No. 248	Goshen Road/Anderson Creek Bridge No. 248	Rehabilitation and sedimentation control with multi-modal enhancements	\$4,000	2028		
187	Whatcom County	Birch Bay Lynden Road	Harborview Road to Lynden City Limits	Resurfacing, restoration & rehabilitation improvements with multi-modal enhancements	\$8,000	2028		
188	Whatcom County	Mountain View Road	Mountain View Road	Reconstruct to Rural Major Collector standards with non-motorized facilities	\$10,000	2029-2040		
189	Whatcom County	Birch Point Road	Semiahmoo Drive to Shintaffer Road	Reconstruct to urban minor arterial standards including non-motorized facilities	\$10,000	2029-2040		
190	Whatcom County	Loomis Trail Road/Bertrand Creek Tributary Bridge No. 497	Loomis Trail Road/Bertrand Creek Tributary Bridge No. 497	Replacement with multi-modal enhancements	\$3,500	2029		
191	Whatcom County	Marine Drive/Little Squalicum Bridge No. 1	Marine Drive/Little Squalicum Bridge No. 1	Rehabilitation and multi-modal enhancements	\$5,000	2030		
192	Whatcom County	West Badger Road	Sunrise Road to Markworth Road	Reconstruct to Rural Major Collector standards with non-motorized facilities	\$6,000	2030		
193	Whatcom County	Hampton Road	Lynden City Limits to Van Buren	Resurfacing, restoration & rehabilitation improvements with multi-modal enhancements	\$4,000	2030		
194	Whatcom County	Grandview Road (SR 548)/Vista Drive	Grandview Road (SR 548)/Vista Drive	Intersection Improvements as warranted with multi-modal, drainage and safety enhancements	\$6,000	2030		
195	Whatcom County	North Fork Road/Kenny Creek	North Fork Road/Kenny Creek	Fish Passage	\$8,000	2030		
196	Whatcom County	Kickerville Road	Kickerville Road	Reconstruct to Rural Major Collector standards with non-motorized facilities	\$10,000	2030		
197	Whatcom County	Replacement of Whatcom Chief & Terminal Modifications	Gooseberry and Lummi Island Ferry Terminals	New Ferry & terminal modifications with ADA requirements addressed	\$25,000	2032-2040		On 2019 regional legislative list
198	Whatcom County	Lenhart Road/Saar Creek Bridge No. 329	Lenhart Road/Saar Creek Bridge No. 329	Replacement with multi-modal enhancements	\$3,500	2032		
199	Whatcom County	Slakanum Way/Anderson Creek Bridge No. 509	Slakanum Way/Anderson Creek Bridge No. 509	Replacement with multi-modal enhancements	\$4,000	2035		
200	WSDOT	I-5/Tributary to California Creek - Fish Passage	From I-5 MP 268.6 to I-5 MP 268.8	Replace fish barrier with passable structure	\$4,822	2019	New	
201	WSDOT	SR 20/Cascade Rd to Goodell Creek Campground Rumblestrip Installation	SR 20/Cascade Rd to Goodell Creek Campground	Install centerline rumblestrips	\$200	2019	Cost	
202	WSDOT	SR 539/Telegraph Road to Westerly Road - ADA Compliance	SR 539/Telegraph Road to Westerly Road	Upgrade ADA sidewalk ramps	\$1,386	2019	Cost	
203	WSDOT	Asphalt/Chip Seal Preservation	Countywide	Resurface the roadway with chip seal or hot mix asphalt	\$12,104	2019		

PROPOSED

Whatcom Region LRTP

Project List Updates - 15Apr, 2019

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	Agency	Label	Location	Description	Cost Estimate YOE (thsnds)	Completion Year	2019 updates	
							Update type	Note
204	WSDOT	SR 9/Tawes Creek - Fish Passage	SR 9/Tawes Creek	Replace fish barrier with passable structure	\$2,597	2019		
205	WSDOT	SR 9/Two Tributaries to Tawes Creek - Fish Passage	SR 9/Two Tributaries to Tawes Creek	Replace fish barrier with passable structure	\$2,918	2019		
206	WSDOT	SR 20/Lillian Creek to Granite Creek - Rumblestrip Installation	SR 20/Lillian Creek to Granite Creek	Install centerline and shoulder rumblestrips	\$770	2019		
207	WSDOT	SR 20/Newhalem to Lillian Creek - Rumblestrip Installation	SR 20/Newhalem to Lillian Creek	Install centerline rumblestrips	\$1,140	2019		
208	WSDOT	NWR Breakaway Cable Terminal Replacement - Interstate 17-19	Regionwide	Replace cable terminals with guardrail terminals that meet current standards	\$151	2020	New	
209	WSDOT	R 9/Acme Vicinity to Mt Baker Highway Vicinity - Weigh-in-Motion Facility and Enforcement Area	SR 9 MP 73.3 to MP 73.48	Construct weigh-in motion facility and enforcement area to police freight traffic	\$3,420	2020	New	
210	WSDOT	I-5/Northbound On-Ramp at Bakerview Improvements	I-5/Northbound On-Ramp at Bakerview	Construct northbound on-ramp	\$10,000	2020		
211	WSDOT	Highway Preservation	Countywide	State highway overlays and reconstruction.	\$54,644	2021-2027		
212	WSDOT	Environmental Programs	Countywide	Fish passageway and other environmental projects.	\$25,925	2021-2027		
213	WSDOT	Safety Improvements	Countywide	Enhancement projects to improve safety such as curve warnings, rumblestrips, lighting, and other projects.	\$14,689	2021-2027		
214	WSDOT	Mobility	Countywide	Construction of new facilities or reconstruction of existing facilities that expand mode capacity	\$23,750	2021-2027		
215	WSDOT	I-5/Slater Road Interchange Improvements	I-5/Slater Road	Interchange improvements	\$21,100	2022-2027		
216	WSDOT	SR 542/Glacier Creek Bridge CED - Replace Bridge	SR 542/Glacier Creek Bridge CED	Replace bridge	\$33,377	2022-2027		
217	WSDOT	SR 539/Birch Bay-Lynden Dr to SR 546 - ADA Compliance	SR 539/Birch Bay-Lynden Dr to SR 546	Improve pedestrian safety by upgrading to ADA sidewalk ramps	\$1,397	2022		
218	WSDOT	SR 542/Glacier Creek Bridge CED - Replace Bridge	SR 542 MP 33.31 to MP 33.67	Replace existing bridge with longer structure that is fish passable	\$36,707	2024	New	
219	WSDOT	Highway Preservation	Countywide	State highway overlays and reconstruction.	\$98,824	2028-2040		
220	WSDOT	Environmental Programs	Countywide	Fish passageway and other environmental projects.	\$62,798	2028-2040		
221	WSDOT	Safety Improvements	Countywide	Enhancement projects to improve safety such as curve warnings, rumblestrips, lighting, and other projects.	\$37,860	2028-2040		
222	WSDOT	Mobility	Countywide	Construction of new facilities or reconstruction of existing facilities that expand mode capacity	\$37,901	2028-2040		
223	WTA	Paratransit Vehicles	Countywide	Replace paratransit vehicles	\$17,874	2028-2040	Cost	
224	WTA	Fleet, Facilities and Route Expansion	Bellingham	Purchase adjacent 3.26 acre parcel	\$1,500	2019-2020	New	
225	WTA	Paratransit Vehicles	Countywide	Replace paratransit vehicles	\$9,047	2019-2027		
226	WTA	Purchase electric buses and infrastructure	Countywide	Purchase electric buses and infrastructure	\$3,000	2021	New	
227	WTA	Lincoln Creek Transportation Center	Lincoln Creek Park & Ride	Partnership with Western Washington University to add new parking and transit center.	\$9,870	2021	New	
228	WTA	Transit Electrification	Countywide	Replace current fleet with electric fleet.	\$55,000	2021-2031	New	
229	WTA	Fixed-Route Vehicles	Countywide	Replace fixed-route vehicles	\$19,763	2019-2027		
230	WTA	Bellingham Station Expansion	Bellingham	Expand the main terminal of WTA's hub-spoke system to accommodate growth and maintain route schedules.	\$4,500	2022	New	
231	WTA	Fixed-Route Vehicles	Countywide	Replace fixed-route vehicles	\$61,681	2028-2040	Cost	
				Total	\$1,551,941			
				Total New Projects	\$487,056			

Proposed text updates to *Whatcom Mobility 2040*

Background

Since adoption of the Whatcom region's current long range transportation plan (LRTP), *Whatcom Mobility 2040* (WhaMo'40) in June of 2017, The WCOG Transportation Policy Board (MPO) has, per federal law, acted to adopt performance measures and targets with respect to safety and system performance. More specifically, WCOG elected, as all WA MPOs did, to fulfill these requirements by adopting (aligning with) the state's adopted measures and targets.

At the time of WhaMo'40's adoption, the federal deadlines for states and MPOs to adopt performance measures were still over a year away. However, as indicated below, WhaMo'40 acknowledged the pending requirements, verified an overall commitment to performance-based planning, and noted that once the various measure and metrics were identified and adopted, the LRTP would be amended accordingly.

Now that these adoptions have occurred (both in 2018), changes to the pertinent section of the LRTP is proposed below.

Current (2017) text regarding performance measures and targets

Performance based planning and programming

Federally required measures and targets:

With the passage of the federal transportation act called *Moving Ahead for Progress in the 21st Century* (MAP-21) in 2012, MPOs must establish and utilize a performance-based approach to transportation planning and decision making in support of the national planning factors. MAP-21 also established requirements for states and MPOs to adopt specific performance measures and targets in the areas of safety, infrastructure condition, system performance and environmental sustainability. (All of these MAP-21 requirements were carried forward into its successor, *Fixing America's Surface Transportation*, known as the "FAST Act.") *At the time [Whatcom Mobility 2040](#) was approved, the deadline for adoption of these federal measures and targets was 2018, and the consultative process between WSDOT and the state's MPOs to formally adopt the required metrics and targets was still underway. When these are agreed to with WSDOT and subsequently adopted by the Whatcom Transportation Policy Board, [Whatcom Mobility 2040](#) will be amended to incorporate them.*

Proposed (2019 update) replacement (of the above blue text)

Safety¹

Per the federal rules on safety performance measures, *states* shall measure transportation safety performance using five USDOT-defined metrics --permutations of crash statistics on all public roads reported by severity (fatal, serious injury) and expressed as five-year rolling averages of counts and rates-per-vehicle-miles-traveled. *States and MPOs* must have established targets for improvement in terms of the five measures. Under the rules, MPOs may choose to establish targets either by 1) agreeing to plan and program projects so that they contribute toward the accomplishment of the state's adopted target or 2) by developing and tracking their own targets.

Information on WSDOT's safety metrics and targets can be found [here](#).

¹ This section of *Whatcom Mobility 2040* was officially amended in May, 2019.

WCOG, like all MPOs in Washington, chose to align with the state's target and in January, 2018 passed the following motion:

In accordance with USDOT's safety performance rules, the Whatcom Council of Governments Transportation Policy Board adopts Washington's Highway Safety Improvement Program (HSIP) target and thus agrees to plan and program projects so that they contribute toward the accomplishment of that HSIP target (Target Zero). – **Passed by the Whatcom Transportation Policy Board, January 17, 2018.**

System Performance

Per the federal rules on system performance, states and MPOs are required to adopt metrics and targets to track progress on congestion reduction, system reliability, freight movement & economic vitality, and environmental sustainability. The U.S. Federal Highway Administration (FHWA) has developed data sets and standardized measures that states can elect to use. WSDOT has elected to use these.

Information on WSDOT's application of federal system-performance metrics and application to MPOs can be found [here](#).

In December, 2018, the Whatcom Transportation Policy board passed Resolution 2018-12-01, resolving to:

“...plan and program projects in the Whatcom metropolitan planning area so that they contribute toward the accomplishment of WSDOT statewide performance targets for condition of pavements on the Interstate System and the rest of the National Highway System (excluding Interstates), condition of bridges on the National Highway System, travel time reliability on the National Highway System, and freight movements on the Interstate System.”

Because the urbanized areas in the Whatcom MPO's planning area do not have populations greater than 200,000, only two of the five federally defined measures currently apply to the Whatcom region – Level of Travel Time Reliability (LOTTR) and Interstate Truck Travel Time Reliability (TTTR) (both described in the above-linked WSDOT document).



whatcom council of governments

Memo

To: Whatcom MPO/RTPO Transportation Policy Board (WTPB)
Date: April 29, 2019
From: Hugh Conroy, Director of Planning *HC*
Subject: Review and consideration for adoption of WCOG's SFY 2020 Unified Planning Work Program (UPWP).

Purpose of the UPWP

As the federally designated metropolitan planning organization (MPO) and state designated regional transportation planning organization (RTPO), WCOG is required to prepare, approve, and submit an annually updated UPWP to the state and federal governments (FHWA, FTA, and WSDOT).

WCOG's UPWP for state fiscal year (SFY) 2020

The draft 2020 UPWP (included as an attachment with this memo) is a very similar program of core functions and activities as the current UPWP. Some changes to highlight include the following.

- Return to a one-year format. WCOG's current UPWP covers two state fiscal years.
- Updated descriptions of the current state fiscal year work and accomplishments.
- Details of work regarding upcoming updates to the regional travel demand model in preparation for regional plan update activities in SFY 2021.
- Updated and separated activities regarding updates to WCOG's Title VI plan, annual Title VI reporting, and updating of WCOG's public participation plan.
- Updated descriptions of current and anticipated funding needs: Whatcom Smart Trips, IMTC.

State and federal review

A draft SFY 2020 UPWP was submitted to WSDOT on April 1. WCOG's annual UPWP on-site review meeting with state and federal partners was held on Tuesday, April 23. Only minor clarifications were requested and those changes and other suggested edits have been made.

The updated draft SFY 2020 UPWP is attached for your review and consideration for adoption.

Suggested motion

"Approve the State Fiscal Year 2020 Unified Planning Work Program for the Whatcom Metropolitan Planning Area as presented."



whatcom council of governments

Unified Planning Work Program for the Whatcom Metropolitan Planning Area Whatcom County, Washington

May 1, 2019 **DRAFT** State Fiscal Year 2020

[To be considered for adoption] by the WCOG Policy Board on May 8, 2019

Robert H. Wilson, Executive Director
Hugh Conroy, Director of Planning

Title VI & Americans with Disabilities Act

The Whatcom Council of Governments ensures full compliance with Title VI of the Civil Rights Act of 1964 and the American Disabilities Act of 1990 by prohibiting discrimination against any person on the basis of race, color, national origin, sex, or disabilities in the provision of benefits and services resulting from its federally assisted programs and activities.

For more information, or to obtain a Title VI Compliant Form, call Bob Wilson, program coordinator at (360) 685-8389.

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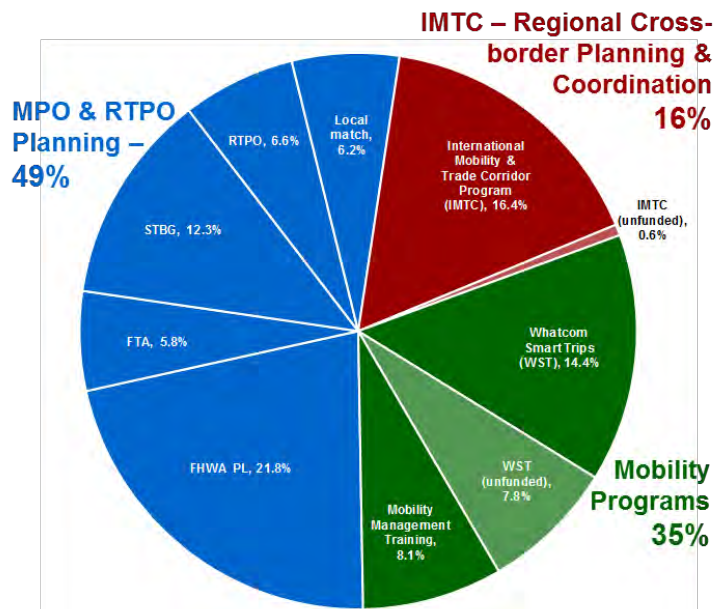
Introduction: The UPWP and the Whatcom Council of Governments

A Unified Planning Work Program (UPWP) is required annually of Metropolitan Planning Organizations (MPOs) and Regional Transportation Planning Organizations (RTPOs). The Whatcom Council of Governments (WCOG) is the federally recognized MPO for the Bellingham Urbanized Area and the state designated RTPO for the entirety of Whatcom County, Washington. While WCOG assumed those responsibilities in 1982 and 1990, respectively, it came into existence in 1966 as a regional “conference of governments” through an act of the Washington State Legislature.

While UPWP requirements are driven primarily by the need to document anticipated uses of federal and state funding for MPO and RTPO activities, the UPWP is also intended to reflect the work program for the organization as a whole. The pie chart at right illustrates how WCOG’s funded MPO and RTPO activities are carried out alongside other programs and projects that advance regional priorities and enhance required planning functions.

The federal funds WCOG uses to conduct metropolitan transportation planning come from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA), known as FHWA “PL” and FTA “5303” funding, respectively. Those funds pass through the Washington State Department of Transportation (WSDOT) along with WCOG’s allocation of state funds for its RTPO activities. As part of its administrative responsibilities, WSDOT is responsible for verifying that UPWP documents are complete and contain sufficient detail to support its subsequent reporting of MPO expenditures to the U.S. Department of Transportation (USDOT).

Summary of WCOG’s SFY 2020 core functions by percent of planned work program funding



Purposes of this UPWP

The UPWP serves multiple purposes:

- It confirms for WSDOT, FHWA, and FTA that an appropriate *cooperative, comprehensive and continuing* (3C) planning process is in place;
- It includes sufficient detail for WSDOT’s Tribal and Regional Coordination Office (TRCO) to determine the eligibility of funding;

- It meets WCOG’s federal and state requirements as an MPO and RTPO, respectively, to prepare and submit a UPWP annually;
- It provides useful information for the public, the Whatcom Transportation Policy Board (WTPB), member jurisdictions and partner agencies about how WCOG activities are funded and how they complement each other to achieve progress toward adopted regional objectives; and
- It supports effective program management and reporting.

Organization of WCOG’s UPWP

WCOG’s UPWP is organized to provide a description of all work activities planned for Washington State fiscal year (SFY) 2020 and facilitate the TRCO’s review and evaluation of functions and expenditures related to federal and state planning funds. As advised in WSDOT’s 2020 UPWP guidance document, the individual work **activities** in WCOG’s work plan are organized under the following nine **core functions**:

- | | |
|--|---|
| 1. Program administration, | 6. International Mobility and Trade Corridor Program, |
| 2. Transportation planning, | 7. Whatcom Smart Trips, |
| 3. Data collection and analysis, | 8. Regional priority programs and projects, and |
| 4. Transportation Improvement Program (TIP), | 9. Unfunded priority programs and projects. |
| 5. RTPO planning, | |

WCOG’s UPWP will provide detail on anticipated activities within each of these core functions. While many of WCOG’s planned activities are funded by the PL and FTA funds that the WSDOT TRCO administers, more than half of WCOG’s current activities are funded from other sources: other FHWA or state funds, local funds, Canadian funds (for certain border related projects), etc. While all anticipated SFY 2020 activities are grouped under the nine core functions, each activity section header also includes a notation of funding source types as follows:

- **[PL/5303/RTPO]** = FHWA PL, FTA 5303 and State RTPO funds. The federal portion of these funds come to WCOG under a consolidated planning grant.
- **[OF]** = Other U.S. federal funding (STBG, federal funds via state, etc.)
- **[OS]** = Other state
- **[Local]** = Local jurisdictions
- **[Canadian]** = Canadian federal, provincial, or private sector.

The budget and financial detail that the UPWP requires are presented in Appendix A and organized using the funding source types above.

Each of the work activities to be undertaken by WCOG in SFY 2020 is explained using the following format:

Core function (nine of these as listed above)

Activity (varying number under each core function)

- **Performance** (i.e., who will perform the work)
- **Products**
- **Schedule**
- **Funding** (by funding source type)

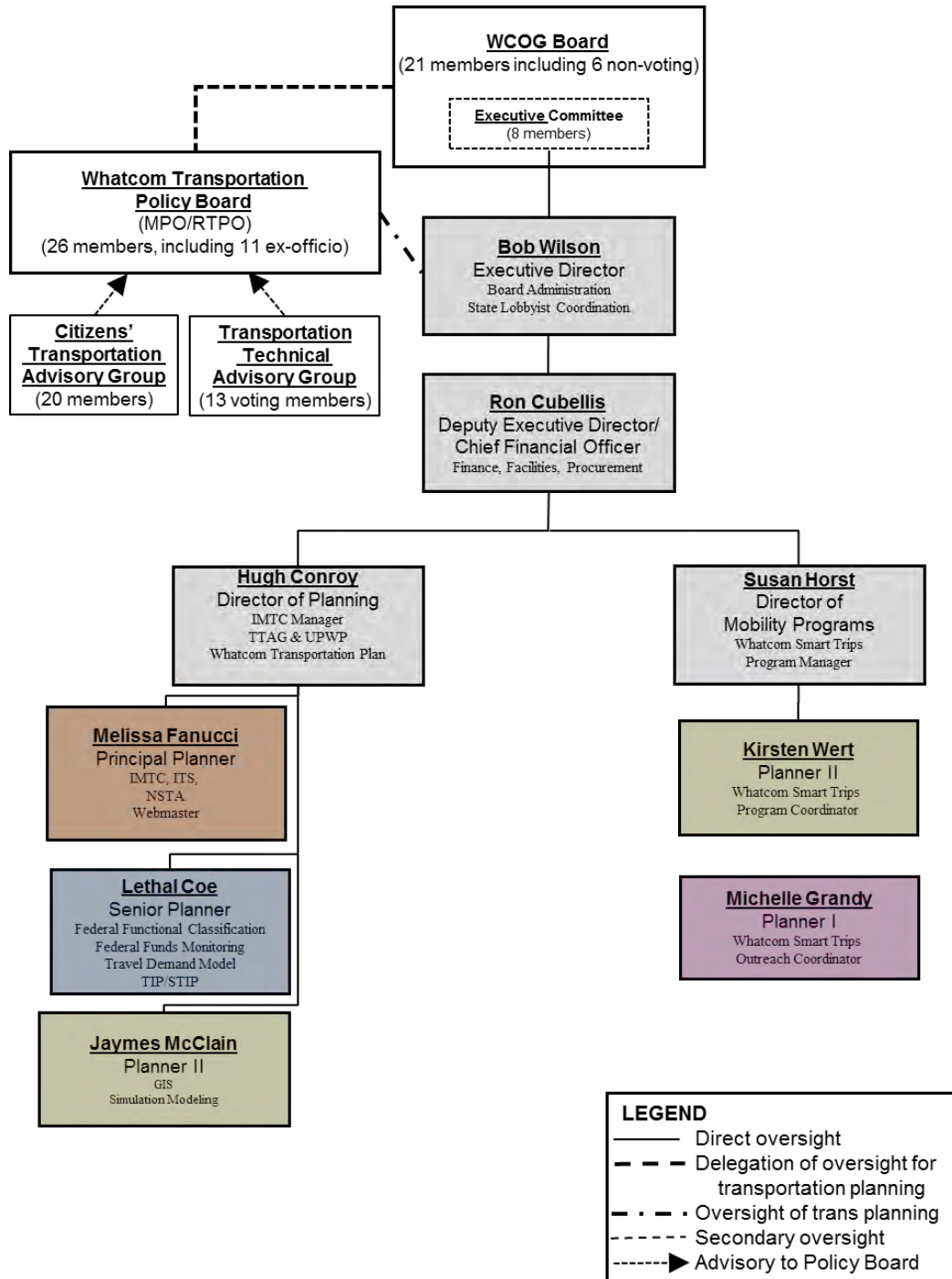
Budget and financial table

WSDOT UPWP guidelines include a budget/financial table template to be used to provide a summary of all MPO/RTPO activities funded by PL, FTA 5303 and/or RTPO funds along with the sources of proposed match and other funds as required by 23 CFR 450.308. WCOG also uses this format to summarize the finances of work activities funded by sources other than PL, FTA 5303 or RTPO funds.

The Whatcom Council of Governments

This section reviews how WCOG is organized, the membership of the Council Board and the Policy Board, the geographic coverage related to WCOG's responsibilities and work plan, and the current planning priorities. Organization

Organization



Membership

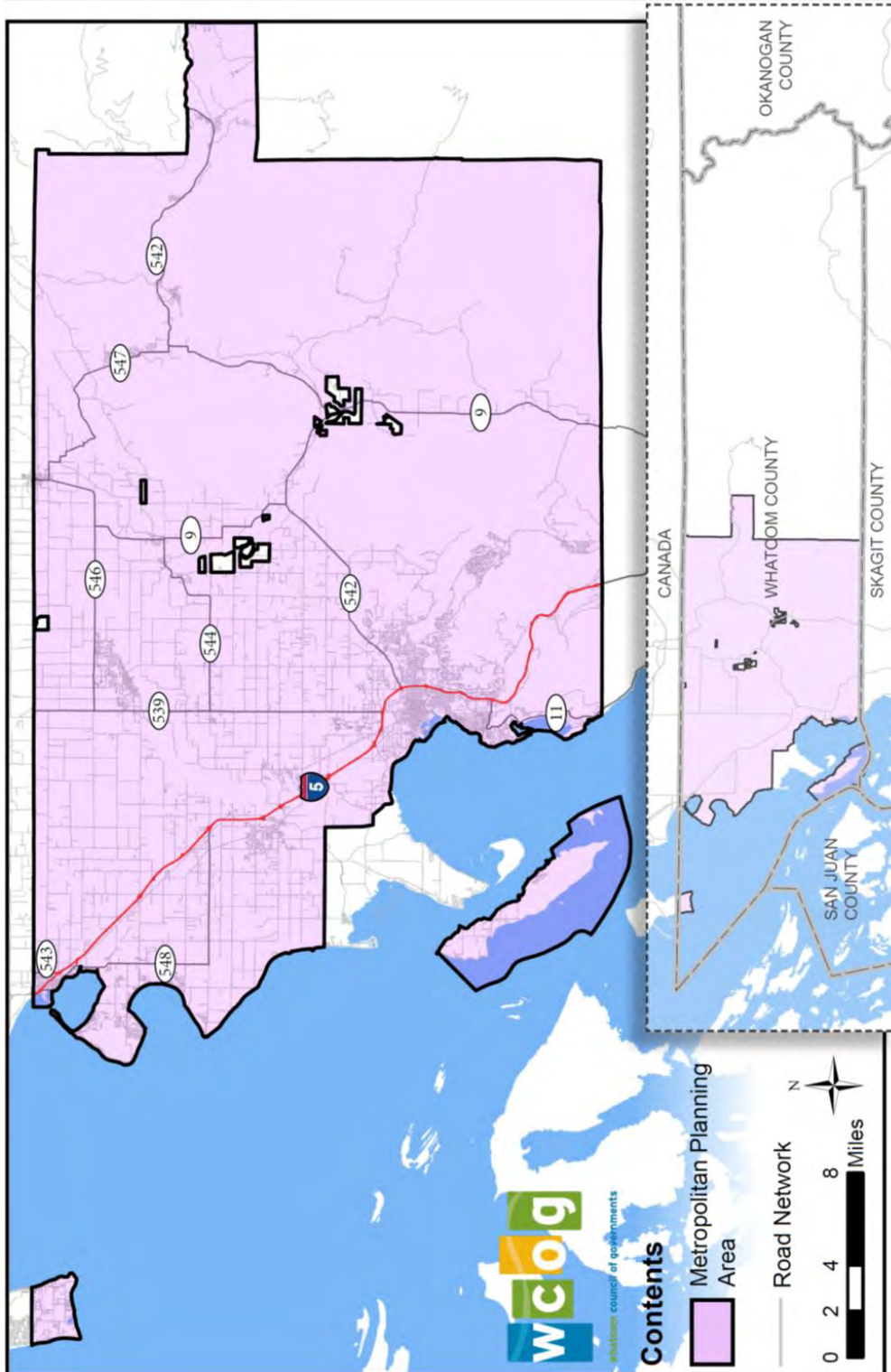
The table below lists the region's governments, districts, agencies, and institutions that participate on WCOG Council Board, its MPO-RTPO Policy Board, or both along with the individuals currently¹ serving.

Entity	Position	2019 Representatives	Council Board	MPO - RTPO Policy Board
Whatcom County	Executive	Jack Louws	●	●
	Councilmember	Carol Frazey	●	
	Councilmember	Satpal Sidhu		●
City of Bellingham	Mayor	Kelli Linville	●	●
	Councilmember	Terry Bornemann		●
	Councilmember	April Barker	●	
City of Blaine	Mayor	Bonnie Onyon	●	●
City of Everson	Mayor	John Perry	●	●
City of Ferndale	Mayor	Jon Mutchler	●	●
City of Lynden	Mayor	Scott Korthuis	●	●
City of Nooksack	Councilmember	Tom Jones	●	●
City of Sumas	Mayor	Kyle Christensen	●	●
Port of Bellingham	Commissioner	Bobby Briscoe	●	●
Lummi Indian Business Council	Chair	Jeremiah Julius	●	●
Nooksack Tribal Council	Chair	Ross Cline, Sr.		●
Lake Whatcom Water and Sewer District	Commissioner	John Carter	●	
Whatcom Transportation Authority	General Manager	Pete Stark	○	
	Board member	Cathy Watson		●
The Opportunity Council	Executive Director	Greg Winter	○	
WA State Dept. of Transportation	Mt. Baker Area - Asst. Reg. Admin.	Jay Drye/Todd Carlson		●
Western Washington University	VP for University Relations	Donna Gibbs	○	○
Sudden Valley Association	Board member	Larry Brown	○	
Whatcom Council of Governments	WTPB Secretary	Robert Wilson		○
Transportation Technical Advisory Group	representative	Chris Comeau		○
Community Transportation Advisory Group	representative	Terry Terry		○
WA State House of Representatives	Representative, 42nd District	Sharon Shewmake		○
WA State House of Representatives	Representative, 40th District	Debra Lekanoff		○
WA State House of Representatives	Representative, 42nd District	Luanne Van Werven		○
WA State House of Representatives	Representative, 40th District	Jeff Morris		○
WA State Senate	Senator, 42nd District	Doug Ericksen		○
WA State Senate	Senator, 40th District	Liz Lovelett		○
Whatcom Community College	representative	Kathy Hiyane-Brown		○
Whatcom County Public Utility Dist. No. 1	representative	Jeff McClure	○	
Bellingham Technical College	representative	Kimberly Perry		○
Birch Bay Water and Sewer District	representative	Patrick Alesse	○	
			○: non voting	

¹ This list is based on current, appointed representatives at the time of this UPWP's adoption. Individual representatives are likely to change over the course of SFY 2020.

Metropolitan Planning Area

In 2013, the WCOG MPA boundary was expanded beyond the county's Urbanized Area to include all areas of the county west of the Mount Baker-Snoqualmie National Forest lands. The Lummi Nation and Nooksack Tribe chose not to include their lands.



Planning priorities

The planning priorities for WCOG’s Metropolitan Planning Area (MPA) were updated in 2017 as part of adoption of *Whatcom Mobility 2040*, WCOG’s regional / metropolitan long-range transportation plan.

To identify the region’s transportation goals, WCOG relied on the transportation goals listed by the MPO and RTPO’s member jurisdictions in their current plans. Local jurisdictions all include an explicit list of goals in the transportation chapters of their comprehensive plans – the outcomes they are seeking through strategies and investments. A review of all jurisdictions’ goals generated a list of regionally shared goals sorted by frequency of adoption (table below).

There are many themes and approaches that individual jurisdictions discuss in the full text of their plans and this summary of regionally shared goals should not be taken to mean that individual jurisdictions currently ignore issues not listed here. But for the purpose of giving direction to *Whatcom Mobility 2040*, these are the goals that are most frequently adopted and documented by the region’s jurisdictions through locally based, continuous planning processes.

Whatcom Regional transportation goals selected from local transportation plans

No.	No. of jurisdictions that identified the goal	Goal
1	10	Safety
2	8	A multimodal transportation system
3	8	Efficiency, effectiveness, & system sustainability
4	8	Environmental quality
5	7	Access & convenience
6	6	Maintenance & preservation
7	6	Freight transportation

These seven goals are described in more detail below. The added detail reflects discussions in the region’s individual plans and also allows the goals to be related to the longer list of state and federal planning factors.

Safety – Safety of everyone using the transportation system – motorized and non-motorized users. There is a primary interest in advancing strategies expected to reduce fatalities and serious injuries.

Efficiency, effectiveness, and system sustainability – The objective here is that:

- Strategies are implemented for an appropriate cost relative to benefits and alternatives (efficient). Also linked to the regional sub-goal of efficiency are the state and national themes of congestion reduction (mobility), and broader operational efficiency, especially related to system management and information technology strategies.
- The transportation system or components of it will work as intended (effective).
- System components will last as planned and over that time can be kept in good repair and operated for an appropriate and affordable cost (sustainable).

Environmental quality – State and national elements specifically note several aspects that complement and further inform this regional goal.

- Greenhouse gas emissions reduction.
- Energy conservation.
- Protection of the natural environment – including natural habitat and water quality.
- Enhancement of healthy communities.
- Promotion of consistency between transportation investments and planned land-use and economic development.

A multimodal transportation system – The corresponding state and national descriptions of this goal align very well with the region’s policy-based interests in supporting a multimodal system. All modes of transportation should be considered when choosing the investments needed to meet demand for travel and goods movement, and in support of the other goals (notably efficiency and sustainability), strategies should strive to provide for optimal modal connections and systems integration.

Access & Convenience – Also reflected in the corresponding federal planning factors, our region’s transportation system is intended to serve all people and acknowledge and reduce the barriers to mobility that exist for older adults, people with disabilities, and people with low incomes.

Maintenance & preservation – This goal very much compliments the above goal of sustainability – the importance of first choosing investments in facilities and programs that our region is fiscally willing and able to operate into the future and then giving appropriate priority (reflected by this goal) to keeping our system in a state of good repair.

Freight transportation – Like the state and the nation, our region’s local plans reflect a common interest in ensuring that our transportation system provides mobility for freight (goods movement, large service vehicles, etc.). Specific attention to freight transportation also appears as part of previously listed goals that apply to travel, too – especially mobility (congestion reduction) and modal integration (optimized use of and connection between highway, rail, marine, air, etc.).

Verification of compliance

This UPWP is WCOG’s documented plan to accomplish all tasks required of MPOs and RTPOs by federal and state laws with appreciation for federal and state transportation policy goals.

Restriction on lobbying

It is anticipated that WCOG staff will meet with state and federal elected officials and administrative officials at various times during state fiscal year (SFY) 2020. Local funds not associated with federal or state funding will be used for that purpose. Interaction between WCOG staff and state and/or federal elected officials may occur during the following planned events in SFY 2020:

- The National Association of Regional Councils Conference in Washington, DC.

- The Association of Metropolitan Planning Organizations (AMPO) conference.
- Sessions of the state legislature in Olympia.
- Federal and state legislators, and/or members of their staffs, periodically visit WCOG or attend meetings at which WCOG staff members are present.

Tribal consultation

Both the Lummi Nation and the Nooksack Tribe are voting members of the Whatcom Transportation Policy Board. Each tribe is also represented on the Transportation Technical Advisory Group. Both tribes have chosen not to have their tribal lands included within WCOG’s metropolitan planning area (MPA). As described later in this work plan, WCOG will continue to seek improvements to its tribal consultation process during SFY 2020.

Federal public lands

During SFY 2020, representatives of federal land management agencies will be consulted as necessary when federal lands are likely to be impacted by elements contained in or proposed for inclusion in WCOG’s regional and metropolitan long-range transportation plan or the TIP.

SFY 2019 accomplishments

Looking back at SFY 2019, this section highlights some notable completed work items.

Professional development and staff training

- Tableau visualization software training
- American Planning Association (APA)-WA annual conference
- APA- NW meetings
- National Highway Institute Transportation Planning course
- Public engagement / facilitation training
- Transportation Research Board tools
- AMPO annual conference
- ExtendSim simulation modeling - advanced training
- Planning and Environmental Linkages - FHWA peer exchange
- Tableau training Level 2
- APA national conference

Transportation planning and projects

- Update to WCOG’s Human Services Transportation Plan.
 - Submittal of regional project proposals to WSDOT’s Consolidated Grants Program.
- Amendments to WCOG’s regional and metropolitan long-range transportation plan (Whatcom Mobility 2040)
 - Updates to the regional project list
 - More detailed narrative on performance measures adopted by the Policy Board in 2018.
- Participated with WSDOT Mt. Baker Area – Corridor Sketch Initiative regional workshops.
- Participated with City of Blaine and WSDOT in Practical Solutions review for the Exit 274 scoping of an interchange justification report update.
- Participating with City of Bellingham, WSDOT, WTA, Whatcom County, and others in the Interstate 5 Bellingham Transportation Demand Management & Operations Study.
- Review and moderate organizational changes to WCOG’s Citizens’ Transportation Advisory Group (CTAG)

Data collection and analysis

- Conducted region-wide household travel study that enlisted the participation of 1400 households to partake in two phases: phase one questionnaire had participants answered questions regarding household composition, demographics, and travel behavior; phase two tracked daily trip activities through smartphone technology or online travel log. The data will be applied to the region’s travel demand model and inform local and regional planning efforts.
- Conducted an external station survey to analyze travel activities that move in and out of the region. Two tools were utilized: first; standard tube-based traffic counters captured volume and vehicle classification at non-interstate facilities at the region’s boundaries; second, the analyses of origin-destination capture using location-based services (apps) and GPS through StreetLight Data platform.
- Continued GIS efforts for WCOG products and member agency support including the maintenance of WCOG’s interactive map at www.wcog.org, data updating, and map making for WCOG SmartTrips and IMTC programs.

Planning collaboration and technical support

- Provided regional travel demand model outputs and GIS mapping for various jurisdictions and Whatcom Transportation Authority (WTA).

Coordination with WSDOT and MPO/RTPO members

- Participation on WSDOT’s Planning Alignment Working Group (PAWG)

TIP

- 2018 Annual cycle completed.
- Sixteen amendments and ten administrative modifications processed.
- 2019 TIP approved with the inclusion of required performance measures (Highway Safety Improvement Program and Transit Asset Management Plan).

- Facilitated statewide TIP Managers' User Group meeting.

Model

- Developed transportation analysis zones (TAZ) refinements for a new 2018 base model year.
- Updated the modeled regional road network, transit routes, and external activities.
- Coordinated with City of Bellingham for the development of demographics data employment and household composition, for the 2018 base year.
- Provided member agency staff and consultants current and forecast model outputs for transportation project analyses.

Whatcom Smart Trips

WCOG's Whatcom Smart Trips Program continued to build its engagement of area residents and businesses and expand its delivery of measureable positive impacts on the regional transportation system. The benefits include:

- 670 community members began participating in Smart Trips diaries, adding to the total of 20,661 since the program began in 2006
- 4.4 million walking, bicycling, ridesharing and bus trips tracked on Smart Trips diaries, with a total of 68.2 million miles traveled since 2006
- 1,593 tons of greenhouse gas emissions prevented, part of the 27,700 tons prevented since the program began
- \$400,000 added to the local economy through fuel savings, part of the \$9.9 million since 2006
- 8 new employer partners, adding to the total of 188
- 105 people tried riding the bus for the first time as a result of promotion available to employer partners
- 4,332 elementary students were taught bicycles skills, part of 40,924 since 2006
- 1,764 7th grade students were taught to ride the bus and 195 made one or more bus trips
- 81 people learned how to ride the bus on a guided bus ride
- 3 people received intensive travel training to be able to use fixed route service in addition to paratransit

International Mobility and Trade Corridor Program

The International Mobility and Trade Corridor Program (IMTC) continued to work toward its objective of identifying and promoting improvements to mobility and security for the border crossings that make up the Cascade Gateway.

1. Meetings

- Six Steering Committee meetings
- Three Core Group meetings

2. Products

- IMTC Resource Manual
- IMTC Construction Schedule
- The IMTC Communications Protocol

3. Topics of focus

- 2018 Project list
- 2018/2019 IMTC Cross-Border Passenger Vehicle Intercept Survey
- Border Master Planning
- Amtrak Cascades
- WSDOT High Speed Rail Study
- Evaluating vehicle probe data for cross-border trip patterns
- 2018 Cascade Gateway construction schedule
- IMTC Performance Review
- Cascade Gateway transportation operations and assessment
- Trusted traveler and trader programs
- Advanced cargo information/ACE/E-manifest
- Border wait time systems
- Incidence response protocol
- Dynamic booth management
- FAST-first metered release to primary inspection
- Bus advanced manifests
- Dynamic lane assignment
- Roadway incident response
- Communication between transportation management centres
- Applications of real-time probe data
- Vye Road/BC Highway 11 project update
- IMTC Purpose, Goals & Strategies refresh
- Cross-border travel implications of legalized cannabis in Canada
- NEXUS wait times on variable message signs
- Quick response stalled-truck towing arrangements
- U.S. BTS cross-border trade and vehicle crossing visualization tools
- Transportation Border Working Group (TBWG) updates
- Pilot testing of commercial vehicle "pre-arrival readiness evaluation"
- U.S. Pacific Highway port expansion update
- WCOG traffic counts and border locations
- IMTC Pedestrian Plan
- Cross-border gasoline price and sales trends
- FHWA National Economic Partnerships for Innovative Approaches to Multijurisdictional Coordination
- Impacts from trade policy changes on regional freight traffic
- B.C. Highway 13 project update
- Tabletop exercise for the IMTC Communications Protocol
- Cascade Gateway Border Data Warehouse funding
- 2018 Border data review
- Current U.S. - Canada border policy plans and initiatives

4. National level border planning participation

- April U.S. - Canada Transportation Border Working Group (TBWG) meeting in Minneapolis, MN
- November TBWG meeting in Halifax, NS

5. Projects undertaken

- 2018/2019 IMTC Passenger Vehicle Intercept Survey
- External Traffic Counts - Whatcom County Borders
- Peace Arch-Douglas/Pacific Highway Pedestrian plan
- Commercial Vehicle Towing Analysis
- Peace Arch-Douglas - Pacific Highway Traffic Study

6. Project assistance requests

- Assistance in finding details regarding culvert crossing as part of the new B.C. Highway 13 design
- Coordinated conversations with agencies regarding sidewalk at Peace Arch
- Cross-border commodity data
- Annual wait time averages
- Rail container truck volumes

Mobility Management and Travel Training

In March 2016 WCOG started partnered with the Whatcom Transportation Authority (WTA) to teach 1,291 Whatcom County seventh grade students about using regional transit - routes, schedules, and trip planning.

Educational programs for area seniors are also part of this project. Many senior citizens in Whatcom County have never used transit but no longer wish to drive. From June 2016 - March 2017, 502 people participated in travel training activities.

Core functions

The identified nine core functions are based on the duties of MPOs and RTPOs as defined in law and funded with federal (FHWA PL and FTA 5303) and state RTPO planning funds. As stated previously, certain other activities undertaken by WCOG – while aligned with and complementary to its required MPO/RTPO functions – are supported by different funding sources.

Program administration

The following administrative activities directly support PL and 5303 funded activities.

Regional and statewide coordination [PL/5303/RTPO]

In support of collaboration among the state’s MPOs, RTPOs, and WSDOT, a coordinating committee meets quarterly to discuss process improvements and needed focus on current issues among the state’s MPO, RTPO, and WSDOT representatives.

Performance: WCOG staff.

Products: Products include but are not limited to:

- Coordination on statewide initiatives and any current activities to update state-wide plans.
- Timely updates from key WSDOT HQ departments (planning, local programs, freight, etc.)
- Sharing best practices.
- Ongoing staff development.

Schedule: Quarterly meetings, preparation and follow-up. Ongoing

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Professional development & staff training [PL/5303/RTPO]

In support of staying current with standard practice, acquiring new expertise and skills, and responding to new planning requirements and community needs, WCOG staff periodically attend training courses, peer exchanges, and study topics through a variety of sources.

Performance: WCOG staff.

Products: Products include but are not limited to:

- New software capabilities (e.g. traffic modeling, contact management)
- Planning practices (ITS architecture, performance measures)
- Ongoing staff development.

Schedule: Ongoing / as needed

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Coordination and communication with federal and state legislators [PL/5303/RTPO]

These activities include dialog with the region’s state legislators when they inquire about transportation investment priorities as well as dialog with federal legislators when they inquire

about policy and program needs and our region's needs from federal agencies that influence regional transportation system planning, investment, systems management, and operations.

Performance: WCOG staff.

Products: Products include but are not limited to:

- Written briefings or meetings in response to requests for information or data analysis.
- Review of existing planning products – project lists, etc.
- Preparation for participation of state and federal legislators and their staff at WCOG and MPO board meetings.

Schedule: Ongoing, when requested.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Unified Planning Work Program (UPWP) [PL/5303/RTPO]

WCOG will update and submit its UPWP for state fiscal year 2021. And, if needed, WCOG will submit amendment requests for this SFY 2020 UPWP.

Performance: WCOG staff.

Products: Completed UPWP and amendments if needed.

Schedule: Expected approval by WCOG MPO Policy Board in May 2020.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

UPWP Annual Performance and Expenditure Report [PL/5303/RTPO]

As required for the state to comply with 23 CFR 420.117, WCOG will submit a report of progress made on tasks identified in WCOG's UPWP covering SFY 2019.

Performance: WCOG staff.

Products: Complete annual report.

Schedule: Due on September 30, 2019.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Documentation of tribal consultation process [PL/5303/RTPO]

Work will continue into SFY 2020, to document a tribal consultation process.

Performance: WCOG staff.

Products: A documented review of current practices, relevant federal and state policies and guidelines, policies of WCOG member governments, and plan for ongoing business practice and improvement. This work will be pursued in collaboration with Lummi Nation and Nooksack Tribe representatives.

Schedule: Expected completion in spring 2020.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Self-certification document [PL/5303/RTPO]

WCOG will work on items identified in the annual self-certification review.

Performance: WCOG staff.

Products: Completed review and documentation.

Schedule: The goal is to have identified items resolved by June 30, 2020.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Transportation planning and projects

This core function includes the ongoing work of regional communication and coordination towards transportation planning, stakeholder and public process, and periodic planning products. It also includes funded work activities on transportation-related projects.

Planning technical support [PL/5303/RTPO]

WCOG staff often work with member jurisdictions' staff and WSDOT staff, giving technical and other support on planning and project work related to our core functions and shared objectives.

Performance: WCOG staff.

Schedule: Ongoing, when needed or requested.

Products: Products include but are not limited to

- Research
- Data extraction and analysis
- Technical writing
- Mapping / GIS
- Graphics
- Sample surveys

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Coordination with WSDOT and MPO/RTPO members [PL/5303/RTPO]

In performance of MPO functions and activities, communication and structured coordination is essential.

Performance: WCOG staff.

Schedule: Ongoing.

Products: Products include but are not limited to:

- Monthly Transportation Technical Advisory Group (TTAG) meetings
- Periodic development of Whatcom Transportation Policy Board (WTPB)-approved selection criteria, project evaluation, and WTPB selection of projects to fund with the STBG funding availed to MPOs.
- Participation in periodic meetings of regional planners.
- Collaboration on special studies (ex. sub area plans, interchange justification reports).
- Ongoing communication with WSDOT and member jurisdiction colleagues.
- Participation with WSDOT and regional members regarding integration of performance measures under MAP-21/FAST-Act requirements as well as a more general adoption of performance-based planning.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Metropolitan Transportation Plan update and strategy [PL/5303/RTPO]

In addition to producing a metropolitan transportation plan (MTP) updated periodically, this activity includes monitoring changes to federal and state legislative and regulatory requirements that define this MPO responsibility.

Because the geography and governing board of the Whatcom MPO and RTPO are the same, the MTP and the Regional Transportation Plan (RTP -- which RTPOs are responsible for) have been combined to serve both purposes.

Performance: WCOG staff.

Schedule: The next MTP update is due in 2022.

Products: Products of SFYs 2020 MTP activities will include:

- Continued development and improvement of performance measures.
- Continued maintenance and improvement of the website dedicated to the regional/metropolitan transportation plan – especially visualization resources like maps and data filtering.
- Continued collaboration with WSDOT to make best use of data reporting products developed for state-wide and regional monitoring of safety and system performance measures and targets.
- Continued development and application of regional, inter-jurisdictional corridor planning strategy.
- Continued improvement and updates of analytical products (e.g. model configurations, mapping outputs, metrics selection)
- Work with the CTAG, tribal representatives, and with other stakeholders to implement appropriate elements of WCOG’s public participation plan to promote community review and feedback on the M/RTP.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Public and stakeholder participation and outreach [PL/5303/RTPO]

WCOG encourages open information sharing and public and stakeholder organizations’ input in all of its work. In addition to an ongoing objective of encouraging regional community involvement, several products result from this activity.

Performance: WCOG staff, citizen volunteers, website consultants.

Products:

- The Community Transportation Advisory Group (CTAG) is WCOG’s formal mechanism for facilitating ongoing citizen participation in the metropolitan transportation planning process. CTAG is collaboratively organized with the Whatcom Transportation Authority and other member jurisdictions as pertinent regional issues emerge.
- Websites – WCOG maintains high quality websites (www.wcog.org) in order to provide broader and more convenient access to information, meeting schedules, staff contacts, and more. This is an important way of supporting and improving public involvement and openness of regional planning and decision making.
- Participation in other regional transportation planning forums
 - North Sound Transportation Alliance.
- Outreach to and involvement of private sector stakeholders (industry associations, companies, etc.) for special projects or modal planning efforts.

Schedule: Ongoing.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Intelligent Transportation Systems (ITS) Plan / Architecture [PL/5303/RTPO]

Performance: WCOG staff.

Products: Products include but are not limited to:

- Periodic updates to Regional ITS Architecture
- Systems engineering training and integration of principles into related planning, operations, and performance measurement initiatives.

Schedule: Ongoing.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Participation with regional planning studies

Performance: WCOG staff.

Products: Participation and collaboration with various studies, research, and data collection with state and regional partners. Known efforts likely to extend into SFY 2020 include:

- I-5 Bellingham TDM & Operations Study.
- Based on the last several years, regional planning studies emerge every year that require significant staff effort. Based on recent interest of the Policy Board, initial and continuing effort may be directed to
 - Supporting coordinated project selection and funding strategies for fish-passage projects related to regional road and bridge infrastructure.
 - Application of the regional travel demand model to specific forecasting analyses

Schedule: Ongoing. These studies and the work-flow associated with them often arise in a very short time and so can't be fully planned for in a UPWP.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Title VI reporting and plan update [PL/5303/RTPO]

WCOG is due to update its Title VI plan. An updated plan will be completed and considered for adoption by the end of the 2019 calendar year.

WCOG's Title VI reporting cycle is August-July.

A primary activity under Title VI is to obtain Spanish translation for printed materials.

Performance: WCOG staff.

Products:

- Updated Title VI plan, including any needed updates to the Language Assistance Plan for People with Limited English Proficiency (LEP).
- Annual Title VI report.

Schedule: Title VI report in August, 2019. Updated Title VI plan by December 31, 2019.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Human services transportation planning [PL/5303/RTPO]

WCOG completed an update of its Human Services Transportation (HST) Plan in October 2018. Related to this, WCOG worked with its regional HST stakeholders to submit project proposals to WSDOT's Consolidated Grants Program. Work under this activity will consist of tracking the status of project selections. Additionally, WCOG will maintain communication with HST stakeholder assembled for the HSTP update and encourage ongoing dialog and planning

participation through the CTAG and via other related opportunities (e.g. North Sound Connecting Communities).

As updates are made to the WCOG website, including the site dedicated to Whatcom Mobility 2040, HST planning products will be integrated into the overall regional plan as part of the regional accessibility strategy.

This activity also advances the federal emphasis area, *ladders of opportunity*.

Performance: WCOG staff.

Products: Coordination and tracking.

Schedule: Ongoing as needed.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Public participation plan update [PL/5303/RTPO]

MPOs are required by federal law (Title 23 §450.316) to “develop and use a documented participation plan that defines a process for providing citizens, affected public agencies, representatives of public transportation employees, freight shippers, providers of freight transportation services, private providers of transportation, representatives of users of public transportation, representatives of users of pedestrian walkways and bicycle transportation facilities, representatives of the disabled, and other interested parties with reasonable opportunities to be involved in the metropolitan transportation planning process.

WCOG’s current public participation plan last updated in 2014. It is in need of updating again and will be an activity in SFY 2020.

Performance: WCOG staff.

Products: Updated public participation plan inclusive of updated strategies, updated stakeholder contacts and communications channels.

Schedule: Complete by June 30, 2020.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

North Sound Transportation Alliance [PL/5303/RTPO]

The North Sound Transportation Alliance (NSTA), is a coalition of concerned citizens, elected officials, and professional staff of transportation agencies from Washington’s five northwestern-most counties: Whatcom, Skagit, Island, San Juan and northern Snohomish. The NSTA strives to develop better ways for people to move through the region by using all available modes in an effective network that does not rely solely on automobiles. More information about the NSTA is available at <https://wcog.org/programs/nsta/>

During SFY 2020, WCOG will continue its participation with the NSTA on a work plan that currently highlights coordinated support for inter-county transit between Whatcom, Skagit, Island, and Snohomish counties; strategies to improve cross-county transportation related to health care; regionally connected trail planning and development; coordinated support for passenger rail service improvement; and intermodal connectivity with ferry terminals in the North Sound.

WCOG is also the current administrator/facilitator of the NSTA and will continue this function.

Performance: WCOG staff.

Products & Schedule:

- Contribution to and coordination of work-plan products.
 - Continued collaboration with regional transit agencies to communicate system characteristics of cross-county transit operations.
 - Trail planning resources inventory and collaboration strategy.
 - Intermodal connectivity with ferry terminals briefing and strategy.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Data collection and analysis

Supporting the above transportation planning functions requires analytical tools based on up-to-date comprehensive data collection, information technology, and industry standard methods. The *data collection and analysis* core function primarily covers WCOG’s transportation modeling activity which includes support, maintenance, and application of a regional transportation demand model.

Update of the regional transportation demand model [PL/5303/RTPO]

WCOG will continue to maintain and operate a regional travel demand model to analyze current and forecast year impacts of transportation projects, changes in land use, and future growth and land-use decisions on the regional transportation system. As part of its metropolitan and regional transportation planning program, WCOG provides current and forecast model year data for member jurisdictions and other agencies.

The WCOG model will undergo complete process calibration in 2019 to incorporate updated household travel survey data, demographics, road and transit networks, external activities, and updated traffic counts for model validation.

Performance: WCOG staff and consultant.

Products: Update the regional transportation demand model to a base year of 2018.

Schedule: The 2018 model update will inform upcoming planning products and projects, including the next regional plan update and local jurisdictions’ plan-update EISs.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Development and maintenance of GIS resources [PL/5303/RTPO]

WCOG has upgraded its Geographic Information System resources to better support the use of data in development of performance measures, analysis, online map-based access to transportation system metrics, and visualization. Continued development of GIS and web-based, interactive mapping will be an important part of WCOG’s strategy for enriching the visual display of information in the regional/metropolitan transportation plan – helping provide more information to more of our community.

Performance: WCOG staff

Products: Map making, data assembly and storage, online interactive map maintenance, and other regional products.

Schedule: Ongoing.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Federal functional classification system updates [PL/5303/RTPO]

WCOG will continue to maintain regional functional classifications based on the 2010 Census and make revisions with partners as needed.

Performance: WCOG staff

Products: Standardized and updated functionally classified regional road network.

Schedule: Ongoing

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

2020 U.S. Census [PL/5303/RTPO]

In preparation for the 2020 Census, WCOG intends to participate with the U.S. Census Bureau and local jurisdictions to ensure maximum accounting of people in Whatcom County. In addition to its primary purpose of apportioning seats in the U.S. House of Representatives, U.S. Census data is an essential input for ongoing planning activities and financing for regional strategies.

Performance: WCOG staff

Products: Establish complete counts committee for 2020 census

Schedule: February 2019 – June 2020

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Transportation Improvement Program (TIP)

TIP development & amendments [PL/5303/RTPO]

WCOG will coordinate with Whatcom County, its seven cities, Lummi Nation, the Nooksack Tribe, Whatcom Transportation Authority, The Port of Bellingham, and the Washington State Department of Transportation to develop the Metropolitan/Regional TIP. The Whatcom Transportation Policy Board will review all projects submitted by member jurisdictions and those using federal funds or having regional significance will be added to the Metropolitan/Regional TIP, as appropriate. When necessary, WCOG staff will coordinate with the jurisdictions to get clarification or additional information. Beyond initial compilation and approval, WCOG staff will document and submit TIP amendments as needed.

Performance: WCOG staff

Products: Annually completed and approved Metropolitan & Regional TIP. Certifications as needed. Appropriate project amendments and modifications as needed throughout the year.

Schedule: WCOG will begin the TIP process in June with completion scheduled for October. Updates and amendments will be undertaken as needed.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

Obligation status monitoring and reporting [PL/5303/RTPO]

Federal funding availed to projects through the Surface Transportation Block Grant Program are required to be used in a timely manner and monitored along a schedule of award, obligation, and expenditure. WCOG will continue to work with WSDOT and regional jurisdictions to track and promote timely project delivery and assist with amendments and associated document-changes when needed.

Performance: WCOG staff

Products:

- Compilation of ongoing project status from member jurisdictions.
- Periodic reports to WSDOT
- Status reports to member jurisdictions and the Whatcom Transportation Policy Board to encourage timely obligation.

Schedule: Ongoing.

Funding source: This activity is funded by FHWA Planning Funds (PL), FTA 5303 funds, and state RTPO funds.

RTPO planning functions

WCOG's duties as an RTPO are defined under Washington state law, RCW 47.80.023. These duties are listed below along with how they relate to WCOG's SFY 2020 work plan.

The following RTPO duties are covered elsewhere in this work plan or do not need to be addressed in SFY 2020.

1. Periodic preparation of a regional transportation strategy. As both the regional MPO and the RTPO, this duty is covered under the previously covered Metropolitan Transportation Plan work activities.

2. Regional transportation plan (RTP). As both the RTPO and MPO, WCOG combines the RTP and MTP as described in the previously described work activity.

3. Development of six-year Transportation Improvement Program (TIP). This activity is treated as a separate, core function.

4. Special needs coordinated transportation. *Include specific opportunities and projects to advance special needs coordinated transportation, as defined in *RCW 47.06B.012, in the coordinated transit-human services transportation plan, after providing opportunity for public comment.*

This duty is covered above under human services transportation activity of the Transportation Planning core activity.

5. RTP - county planning policies consistency. *Where appropriate, certify consistency between the adopted regional transportation plan and county-wide planning policies adopted under RCW 36.70A.210.*

Whatcom County-wide planning policies have not changed since they were originally adopted under GMA.

WCOG expects to undertake the following RTPO activities during SFY 2020.

Certify consistency between RTP and local comprehensive plan transportation elements [PL/5303/RTPO]

Certify that the transportation elements of comprehensive plans adopted by counties, cities, and towns within the region reflect the guidelines and principles developed pursuant to RCW 47.80.026, are consistent with the adopted regional transportation plan, and, where appropriate, conform with the requirements of RCW 36.70A.070.

This work was completed for local jurisdictions' 2016 plan updates in 2017. If any local jurisdictions update their comprehensive plan transportation or land-use elements ahead of the standard update schedule, WCOG will perform the same certification review as required. The next due-date for regularly scheduled comprehensive plan updates for Whatcom County jurisdictions is June, 2024.

Performance: WCOG staff

Products: Documentation of review of individual jurisdiction's draft comprehensive plan transportation elements and letters of certification and or observed inconsistencies delivered to each jurisdiction.

Schedule: Review and feedback April-May 2016. Certification after June 2016.

Funding source: This activity is funded by state RTPO funds.

Participation in state planning activities [PL/5303/RTPO]

Several important statewide transportation planning activities are underway including the Washington Transportation Plan 2040, active transportation plan, an intermodal plan, a freight plan update, and an update to the highway systems plan. WCOG intends to participate in these efforts with regard to its regional planning priorities, vital connections to statewide systems, and connections between Washington State and British Columbia.

This activity also advances the federal emphasis area, *models of regional cooperation*.

Performance: WCOG staff

Products: Participation in related meetings, analysis of state planning process documents, and involvement and inputs from staff, policy board, and other WCOG committees (TTAG, CTAG, NSTA, IMTC) as requested.

Schedule: Ongoing as appropriate.

Funding source: This activity is funded by state RTPO funds.

Level-of-service methodology standards review. [PL/5303/RTPO]

Level-of-service review is a proscribed RTPO planning duty (RCW 47.80.023 (8)). And, in the context of recent studies and upcoming activities, it is repeatedly made clear that a review of level-of-service measurement is needed. Recent work with WSDOT on the Bakerview-to-Grandview subarea study highlighted some of the difficulty resulting from various measures and standards. These themes have come up again in work with WSDOT's Corridor Sketch Initiative.

Performance: WCOG staff, TTAG

Products: Updated discussion in WCOG's 2017 M/RTP update of regional expectations for level-of-service measurement and application of measurements to system performance monitoring, project selection, and other appropriate uses.

Schedule: ongoing.

Funding source: This activity is funded by state RTPO funds.

Analysis and review of FAST Act requirements [PL/5303/RTPO]

Stemming from the previous U.S. Transportation Authorization Act, MAP-21, several federal transportation planning rules are being revised and will be released sometime in the future. WCOG will be reviewing these rules with partner agencies and adjusting work schedules, planning work plans, and methodologies as appropriate.

Performance: WCOG staff

Products: Updated methods and work planning.

Schedule: Ongoing as appropriate.

Funding source: This activity is funded by state RTPO funds.

International Mobility and Trade Corridor Program (IMTC)

WCOG plans to continue as lead agency of the IMTC Program.

IMTC is a regional, cross-border planning coalition focused on the transportation connections between Western Washington State and Lower Mainland British Columbia. Focused on the four U.S.-Canada land border ports-of-entry that comprise the Cascade Gateway and serve the Seattle, WA – Vancouver, BC corridor, the IMTC coalition includes state, provincial, and federal transportation agencies; federal inspection agencies, other federal agencies of both countries, at-border jurisdictions, trade and travel related industry associations, and non-governmental organizations. More information about IMTC is available at theIMTC.com

This activity also advances the federal emphasis area, *models of regional cooperation*.

IMTC meeting preparation, participation, and facilitation [OF], [Canadian]

Performance: WCOG staff

Products: IMTC participating agencies and entities meet ten times per year (no meetings in August or December). With every fourth meeting being a Core Group meeting, the Steering Committee meets between seven and eight times per year and the Core Group meets between two and three times per year. Some years, larger general assembly meetings are convened based on stakeholder priorities.

WCOG will continue tracking a set of performance measures for the IMTC program.

Schedule: Ongoing as appropriate.

Funding source: STBG, Vancouver Airport Authority, and TBD.

IMTC data collection and reporting [OF], [Canadian]

Performance: WCOG staff

Products: Notable outcomes include an annually updated priority project list and a high-quality website which provides access to meeting summaries, border-related travel and trade data, and reports from research and planning work advanced from the IMTC coalition.

A printed and web based compilation of IMTC Program information is produced annually, primarily for use by participating agency representatives but for external stakeholders as well. Contents include program objectives, geographic and system scope, system demand, performance data and metrics, and an updated participant directory.

Schedule: Ongoing as appropriate.

Funding source: STBG, Vancouver Airport Authority, and TBD.

IMTC collaborative efforts [OF], [Canadian]

Performance: WCOG staff

Products: Tracking and supporting progress on interagency collaborations identified at IMTC meetings such as project definitions, research for alternatives analysis, etc. Examples coordinating partner agency input on infrastructure planning, undertaking focused analysis and reporting of traffic and operations forecasts, tracking consumer behaviors impact on border operations (e.g. fuel consumption, online retail and parcel services), research and analysis with WWU's Border Policy Research Institute, discussion of strategies and work products with the U.S.-Canada Transportation Border Working Group (TBWG), and follow-up and coordination on inter-agency data-sharing arrangements, etc.

Schedule: Ongoing as appropriate.

Funding source: STBG, Vancouver Airport Authority, and TBD.

IMTC project management [OF], [Canadian]

Performance: WCOG staff

Products: Over the course of the year, WCOG staff working on IMTC conducts smaller scale research and analysis projects focused on interagency improvement of cross-border transportation (ex. port specific multi-year freight analysis). In addition to small projects, staff also works with agencies and contractors to make needed fixes to data reporting systems (ex. border data warehouse, WIM data transfers) to sustain the results of recently completed initiatives. This task also includes project development, scoping, and budgeting for upcoming, larger projects.

Schedule: Ongoing as appropriate.

Funding source: STBG, Vancouver Airport Authority, and TBD.

Whatcom Smart Trips (WST)

Whatcom Smart Trips is a program that helps community members make more of their trips by walking, bicycling, sharing rides or riding the bus. The program is administered and operated by WCOG with the support of the City of Bellingham, the Whatcom Transportation Authority, and the WSDOT Public Transportation Office. Whatcom Smart Trips is a collection of programmatic strategies and tools that assist community members with using sustainable transportation modes.

Note: Whatcom Smart Trips does not yet have full funding identified for all of SFY 2020. Thus, the program also appears in the *unfunded needs* section below.

WST program administration [Local]

Performance: WCOG staff

Products: Administration

Schedule: Ongoing.

Funding source: This activity is funded by local funding from the City of Bellingham and the Whatcom Transportation Authority.

Products: The program.

WST Community Outreach [Local], [OS]

Performance: WCOG staff

Products: Education, assistance, and incentives delivered through partnerships with community groups that wish to promote walking, bicycling, sharing rides, and riding the bus.

Schedule: Ongoing.

Funding source: This activity is funded by local funding from the City of Bellingham, the Whatcom Transportation Authority, and state funding from the WSDOT Public Transportation Office.

Products: The program.

WST Employer Programs [Local], [OS]

Performance: WCOG staff

Products: Support to businesses and organizations that want to promote sustainable transportation to their employees. This activity also encompasses WCOG's administration of regional compliance with the state's commute trip reduction (CTR) law.

- Worksite materials: Worksite-specific signs and brochures, Smart Trips brochures and posters, Employee Transportation Maps, Employee recognition posters, Promotional bus passes (courtesy of WTA), Rideshare parking signs and permits.

- Smart Trips website & incentives
- Emergency Ride Home
- State and local training opportunities
- Promotional campaigns and prizes
- Bicycle education classes
- CTR survey reports

Schedule: Ongoing.

Funding source: This activity is funded by local funding from the City of Bellingham, the Whatcom Transportation Authority, and state funding from the WSDOT Public Transportation Office.

WST incentives [Local], [OS]

Performance: WCOG staff

Products: A program of discount cards, gift certificates, cash prizes and recognition to motivate community members to try new forms of transportation

Schedule: Ongoing.

Funding source: This activity is funded by local funding from the City of Bellingham and the Whatcom Transportation Authority, and state funding from the WSDOT Public Transportation Office.

WST School programs [Local], [OS]

Performance: WCOG staff

Products: Bicycle skills courses at elementary schools; Summer camps for 12 to 14 years olds that teach independent travel skills.

Schedule: Ongoing.

Funding source: This activity is funded by local funding from the City of Bellingham and the Whatcom Transportation Authority, and state funding from the WSDOT Public Transportation Office.

WST website [Local], [OS]

Performance: WCOG staff, consultant

Products: Website. www.whatcomsmarttrips.org. Includes online trip diary.

Schedule: Ongoing.

Funding source: This activity is funded by local funding from the City of Bellingham and the Whatcom Transportation Authority, and state funding from the WSDOT Public Transportation Office.

Regional priority programs and projects

Mobility Management & Travel Training [OF]

WCOG has conducted this work for the last three years -- a senior travel training program and a 7th grade bus-pass program that teach seniors and youth in Whatcom County that transit is a viable transportation option. Content focuses on bus-trip planning and experience based familiarization with bus riding.

Performance: WCOG staff.

Products: Senior travel training. Seventh grade bus pass program.

Schedule: Ongoing

Funding source: FTA via WSDOT's Consolidated Grant Program – pending approval.

Unfunded priority programs and projects

Whatcom Smart Trips (WST)

The Whatcom Smart Trips program does not yet have full funding identified for SFY 2020. WCOG is working with partner agencies and other state and federal agencies to develop future funding strategies to fund the \$300,000 annual program cost.

The International Mobility and Trade Corridor Program (IMTC)

Since 1998, WCOG has primarily relied on funding from the U.S. FHWA's Coordinated Border Infrastructure (CBI) program to fund its work as lead agency of the IMTC Program. While the CBI eligible uses have been moved to the broader STBG Program, there is no longer dedicated funding available for border planning. Thus, it is up to states and other partners to allocate federal and other funds to support regional cross-border planning.

WCOG is working with WSDOT and other IMTC partner agencies (BC MoTI, Transport Canada, U.S. FHWA, and its WCOG Policy Board) to formulate a sustainable funding partnership for the IMTC Program that provides predictability beyond annual and biennial cycles. The annual cost of the IMTC Program is approximately \$230,000.

With a very-recently approved state funding allocation through WSDOT, \$200,000 is now approved for the next biennium (\$100,000 for SFY 2020). For this UPWP, IMTC is very close to being fully funded – with only about \$9,000 of estimated unfunded need. Thus, WCOG will continue to discuss funding strategies as discussed above.

Appendices

Appendix A – Budget and financial detail

		SFY 2020 Funding Sources									
		FHWA PL, FTA 5303, FHWA STBG, Local Match,				State		Local	Canadian	Total	
UPWP Page No.		PL	5303	STBG	Federal other	Match 13.5%	RTPO	Other			
	Funding-source total	\$295,000	\$78,000	\$271,014	\$210,000	\$90,511	\$88,760	\$120,000	\$75,000	\$10,000	\$1,238,285
14	Program administration	\$17,700	\$4,680	\$9,961		\$5,047	\$4,438				\$41,826
14	Regional and statewide coordination	\$4,602	\$1,217	\$2,590		\$1,312	\$1,154				\$10,875
14	Professional development and staff training	\$4,425	\$1,170	\$2,490		\$1,262	\$1,110				\$10,457
14	Coordination/communication with federal and state legislators	\$1,593	\$421	\$896		\$454	\$399				\$3,764
15	Unified Planning Work Program (UPWP)	\$2,655	\$702	\$1,494		\$757	\$666				\$6,274
15	UPWP annual report	\$1,770	\$468	\$996		\$505	\$444				\$4,183
15	Documentation of tribal consultation process	\$1,770	\$468	\$996		\$505	\$444				\$4,183
15	Self-Certification Document	\$885	\$234	\$498		\$252	\$222				\$2,091
16	Transportation planning and projects	\$194,700	\$51,480	\$109,569		\$55,522	\$56,806				\$468,077
16	Planning technical support to organization, members, and tribes	\$35,046	\$9,266	\$19,722		\$9,994	\$10,225				\$84,254
16	Coordination with WSDOT and MPO/RTPO members	\$33,099	\$8,752	\$18,627		\$9,439	\$9,657				\$79,573
17	Metropolitan & Regional Transportation Plan update & strategy	\$58,410	\$15,444	\$32,871		\$16,656	\$17,042				\$140,423
17	Public and stakeholder participation and outreach	\$7,788	\$2,059	\$4,383		\$2,221	\$2,272				\$18,723
18	Intelligent Transportation System (ITS) Plan	\$5,841	\$1,544	\$3,287		\$1,666	\$1,704				\$14,042
18	Participation with regional planning studies (Corridor studies, etc.)	\$21,417	\$5,663	\$12,053		\$6,107	\$6,249				\$51,488
18	Title VI reporting and plan update	\$7,788	\$2,059	\$4,383		\$2,221	\$2,272				\$18,723
18	Human Services Transportation planning (HSTP)	\$9,735	\$2,574	\$5,478		\$2,776	\$2,840				\$23,404
19	Public participation plan - update.	\$7,788	\$2,059	\$4,383		\$2,221	\$2,272				\$18,723
19	North Sound Transportation Alliance (NSTA)	\$7,788	\$2,059	\$4,383		\$2,221	\$2,272				\$18,723
20	Data collection and analysis	\$67,850	\$17,940	\$38,183		\$19,348	\$18,640				\$161,961
20	Maintenance of the regional transportation demand model	\$30,533	\$8,073	\$17,182		\$8,707	\$8,388				\$72,883
20	Development and maintenance of GIS resources	\$30,533	\$8,073	\$17,182		\$8,707	\$8,388				\$72,883
21	Federal functional classification system updates and monitoring	\$3,393	\$897	\$1,909		\$967	\$932				\$8,098
21	2020 US Census	\$3,393	\$897	\$1,909		\$967	\$932				\$8,098
21	Transportation Improvement Program (TIP)	\$14,750	\$3,900	\$8,301		\$4,206	\$4,438				\$35,595
21	TIP development & amendments	\$10,325	\$2,730	\$5,810		\$2,944	\$3,107				\$24,916
21	Obligation status monitoring and reporting	\$4,425	\$1,170	\$2,490		\$1,262	\$1,331				\$10,678
22	RTPO Planning duties (in addition to the above requirements)						\$4,438				\$4,438
22	Certify consistency: RTP & local comp. plans						\$0				\$0
23	Participation in state planning activities						\$3,550				\$3,550
23	Level-of-service methodology review						\$444				\$444
23	Analysis and Review of FAST Act Requirements						\$444				\$444
23	The International Mobility & Trade Corridor Program (IMTC) ¹			\$105,000	\$100,000	\$6,387				\$10,000	\$221,387
24	Meeting preparation, participation, facilitation			\$23,100	\$22,000	\$1,405				\$2,200	\$48,705
24	Data collection and reporting			\$33,600	\$32,000	\$2,044				\$3,200	\$70,844
24	Collaborative efforts			\$45,150	\$43,000	\$2,747				\$4,300	\$95,197
24	Project management			\$3,150	\$3,000	\$192				\$300	\$6,642
25	Whatcom Smart Trips (WST) ²⁻³						\$120,000	\$75,000			\$195,000
25	Program administration						\$0	\$0			\$0
25	Community outreach						\$24,000	\$15,000			\$39,000
25	Employer programs						\$56,400	\$35,250			\$91,650
26	Incentives						\$9,600	\$6,000			\$15,600
26	School programs						\$22,800	\$14,250			\$37,050
26	Website						\$7,200	\$4,500			\$11,700
26	Regional priority programs & projects				\$110,000						\$110,000
26	Mobility Management Training				\$110,000						\$110,000
Funding source notes											
1. IMTC funding is currently composed of \$105,000 from allocated STBG-R, \$100,000 of Federal funds via the State of Washington, and \$10,000 from Vancouver Airport Authority.											
2. WST state funding (for CTR) is from the WSDOT Public Transportation Office											
3. WST local funding from City of Bellingham & Whatcom Transportation Authority											
27	Unfunded priority programs & projects	\$113,613									
27	Whatcom Smart Trips (WST)	\$105,000									
27	International Mobility & Trade Corridor Program (IMTC)	\$8,613									

Bob Wilson

From: Bob Wilson
Sent: Monday, April 29, 2019 1:52 PM
To: Debra Lekanoff (debra.lekanoff@leg.wa.gov); Doug Ericksen (doug.ericksen@leg.wa.gov); Jeff Morris (jeff.morris@leg.wa.gov); Liz Lovelett; Luanne Van Werven; Sharon Shewmake (sharon.shewmake@leg.wa.gov); Tom Parker
Subject: Next Wednesday's Whatcom Transportation Policy Board Meeting

All:

First, congratulations on getting through the 2019 session! I'm sure you're all happy to be able to spend more time at home again.

Although the new members of the delegation may not be aware of this, you are all ex-officio members of WCOG's Transportation Policy Board. While the Board and I recognize that your various professional, family and legislative obligations make it difficult to attend Policy Board meetings, I thought I would extend a special invitation to attend the meeting to be held **next Wednesday, May 8th at 3:30 here at WCOG**. Tom Parker is going to debrief the Board on the recently-concluded session, and your insights would obviously add greatly to that presentation. Of course, if you can't make it, no problem. FYI, you'll be receiving the meeting packet on Wednesday of this week.

Please accept my most sincere thanks for all of your efforts this session on behalf of the member jurisdictions of WCOG. As always, they're greatly appreciated.

Bob

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