



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		

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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		

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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		

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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	

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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		

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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 & RTP 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 household 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

Highlighted = New or changed from 2017

	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		

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
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

Highlighted = New or changed from 2017

	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			

Attachment 2

April 15 Memo to Whatcom Transportation Policy Board

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.

Attachment 2

April 15 Memo to Whatcom Transportation Policy Board

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).