RESOLUTION NO. 1403 (2020)

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BOTHELL, WASHINGTON, ADOPTING THE 2021 - 2026 SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AND DIRECTING THE SAME TO BE FILED WITH THE STATE SECRETARY OF TRANSPORTATION

WHEREAS, pursuant to the requirements of Section 35.77.010 of the Revised Code of Washington (RCW), the City Council of the City of Bothell has previously adopted, after one or more public hearings, a comprehensive Transportation Improvement Program for the ensuing six calendar years by resolution; and

WHEREAS, RCW Section 35.77.010 requires that each one-year extension and revision of the comprehensive transportation program be filed with the State Secretary of Transportation not more than thirty days after its adoption; and

WHEREAS, the City Council has reviewed the work accomplished under the previous program, reviewed the City Comprehensive Plan, determined current and future City transportation needs, and based upon these findings has prepared a Six-Year Transportation Improvement Program for the calendar years 2021 through 2026; and

WHEREAS, in June, 2020, the City Council held a public hearing to receive public input on the aforementioned 2021 - 2026 Six-Year Transportation Improvement Program.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BOTHELL, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. Program Adopted. The 2021 - 2026 Six-Year Transportation Improvement Program for the City of Bothell is hereby adopted and is attached hereto as Exhibit A and incorporated herein by this reference as if fully set forth.

Section 2. Filing of Program. Pursuant to RCW Section 35.77.010, the Public Works Department is hereby authorized and directed to file a copy of this resolution, together with Exhibit A attached hereto, with the State Secretary of Transportation.

Section 3. The City Clerk is authorized to make necessary corrections to this resolution including, but not limited to, the correction of scrivener's/clerical errors, references, resolution numbering, section/subsection numbers and any references thereto.

PASSED this 16th day of June, 2020.

APPROVED:

LIAM OLSEN
MAYOR

ATTEST/AUTHENTICATED:

for LAURA K. HATHWAY
CITY CLERK

FILED WITH THE CITY CLERK: 06/11/2020
PASSED BY THE CITY COUNCIL: 06/16/2020
RESOLUTION NO.: 1403 (2020)

City of Bothell

2021-2026 Six Year Transportation Improvement Program (TIP)

City of Bothell™

City Council Presentation on June 16, 2020

Six-Year Transportation Improvement Plan (TIP) Summary

Contents

1. Introduction
2. Summary of Document
3. TIP Project List
4. TIP Map
5. Project Descriptions

Introduction

The TIP is a planning document that is required to be annually updated per Section 35.77.010 of the Revised Code of Washington (RCW). The TIP must be adopted by the Council after one or more public hearings. The TIP must be filed with the State Secretary of Transportation not more than thirty days after its adoption but no later than July 1st.

To be eligible for any federal grant funding, some state grant funding, and allocation of gas tax monies, projects must be listed in the TIP.

Summary of Document

The TIP is adopted in Bothell by Resolution. The project list is developed via the Capital Facilities Plan (CFP) process which occurs biennially along with the City's budget process in even numbered years. The CFP process is typically a nine-month process that starts in spring and ends with CFP adoption by Council in late fall. The TIP, reflecting the CFP, is brought forward to the Council early the following year to meet the July 1st deadline. The TIP will be updated in the CFP off-year as necessary to reflect changes to the program due to such things as unanticipated additional revenues and opportunities; emergency projects; and/or delay in existing projects.

The TIP Project List

The TIP lists individual projects as well as programs. Each project is labeled to identify what category it falls under. The category descriptions are as follows:

Capacity projects increase the volume that roads and/or intersections can carry. Many of these projects are generated through the City's comprehensive plan process. This process determines what improvements are required to meet level of service requirements as growth occurs. Congestion projects are strongly related since many of the areas of concern are the same areas where capacity is an issue.

Condition projects are those that are needed because the infrastructure has reached the end of its useful life or has been damaged.

Economic projects are those that are important in stimulating the local economy. Examples of these are Downtown Revitalization projects.

Safety projects address areas that have high accident rates or, due to professional judgement, are anticipated to be a safety issue.

Trail projects provide pedestrian and bicycle shared-use paths separate from vehicular traffic.

Sidewalk projects provide pedestrian paths.

Bicycle projects provide bicycle facilities.

Planning projects help define transportation facility needs by doing alternative analyses, public outreach, and costing.

Programs address issues/infrastructure citywide that are recurring and need to be continually funded.

Each line item provides the following project information:

1. Project/Program name
2. Project category
3. Total estimated cost of the project
4. Estimated expenditure by year
5. Estimated 6-year expenditure total
6. Estimated revenue sources
7. Estimated 6-year revenue total

In some cases, programs will generate separately listed projects. As an example, the sidewalk program is the source of local match funds that are often augmented by grants. When a particular sidewalk project is identified, it will be listed as a separate project. This is to track expenditures but also to provide clarity on which projects are anticipated to occur in the 6-year period. This results in the sidewalk program and the individual sidewalk projects being double counted on both the expenditure and revenue side. As such, the total expenditures and revenue totals at the bottom of the project list should be used only to determine relative magnitude rather than exact totals.

Exhibit A

2021-2026
Transportation Improvement Program (TIP) - Project List

NOTE: All Dollar Amounts Given in Thousands (1,000s).

									Total Expenses			Funding Sources								2021-2026
												City Funds (REET, Safe Streets Levy, etc.)		Mitigation/Other		Other Agencies		Grants		6-Year Total
TIP #	CFP #	Project Type	Project Name	Total Project Cost	2021	2022	2023	2024-2026	City Streets	State Hwys	2021-2026 6-Year Total	City Streets	State Highways	City Streets	State Highways	City Streets	State Highways	City Streets	State Highways	Funds
1	T2g	Trail/Sidewalk	North Creek Trail - Section 4 (Phased)	$7,585	$1,280	$22	$2,500	$1,722	$5,524		$5,524	$745				$200		$4,579		$5,524
2*	T6	Capacity/Economic	Bothell Crossroads	$51,543	$9	$9			$18		$18			$18						$18
3*	T54	Capacity	SR 522, Stage 3 Improvements	$38,418	$5,600					$5,600	$5,600						$5,600			$5,600
4*	T86	Safety/Capacity	Meridan Ave S and 240th Street SE Roundabout Intersection	$1,767	$310	$1,457			$1,767		$1,767			$167				$1,600		$1,767
5	T85b	Capacity	Adaptive Signal Control System, Phase 2	$625	$420	$140			$560		$560	$60	$61					$220	$219	$560
6*	T70	Capacity	Beardslee Boulevard Widening (Campus to I-405)	$10,444	$726			$9,032	$9,758		$9,758			$1,431				$8,327		$9,758
7	T73	Capacity	228th St SE from 35th Ave SE to 39th Ave SE Widening Project	$7,006	$386		$584	$5,650	$6,620		$6,620			$591		$1,720		$4,309		$6,620
8	T60	Capacity/Condition	NE 185th St Transit Oriented Street	$11,000	$1,000	$1,000	$1,000	$8,000	$11,000		$11,000					$11,000				$11,000
9	T44	Capacity	SR 522, Stage 2B Improvements	$16,455	$1,000	$2,000	$3,000	$10,000		$16,000	$16,000						$16,000			$16,000
10	T74	Capacity	Bothell Way NE Widening (Reder Way to 240th Street SE)	$55,000	$2,648			$19,306	$21,954		$21,954			$5,800				$16,154		$21,954
11	T79	Condition	Bothell-Everett Highway Interim Rechannelization:	$107	$107				$107		$107	$107								$107
12	N/A	Program	Annual Pavement Preservation Program (See Current Project List Below)	$19,526	$4,706	$3,230	$2,735	$8,855	$19,526		$19,526	$12,550		$3,848				$4,193		$20,591
13	N/A	Program	Sidewalk/Walkway Program (See Current Project List Below)	$4,510	$100	$378	$810	$3,222	$4,510		$4,510	$3,290				$231		$1,505		$5,026
14	N/A	Program	Safety Upgrade and Replacement Program	$300	$20	$40	$40	$200	$300		$300	$300								$300
15	N/A	Program	Bridge Inspection, Maintenance, Repair & Rehabilitation Program	$1,035	$143	$250	$128	$514	$1,035		$1,035	$1,035								$1,035
16	N/A	Program	Neighborhood Traffic Calming Program	$255	$15	$30	$30	$180	$255		$255	$255								$255
17	N/A	Program	Bicycle Program	$200	$25	$25	$25	$125	$200		$200	$200								$200
18	N/A	Program	Collector Corridor Traffic Safety Program	$310	$20	$40	$40	$210	$310		$310	$310								$310
19	N/A	Planning	Comprehensive Plan - Transportation Element	$180	$20	$20	$80	$60	$180		$180	$180								$180
20	N/A	Program	Citywide Child Pedestrian School and Park Zone Safety Program	$75	$5	$10	$10	$50	$75		$75	$75								$75
21	N/A	Capacity	243rd Street SE / NE 203rd Street Connector	$4,617				$4,617	$4,617		$4,617			$4,617						$4,617
22	T86	Sidewalk	Bothell Downtown Center Access Improvements to SR 522 BRT and Transit (Phase 1 - 102nd Ave Only)	$1,125	$100	$55	$970		$1,125		$1,125	$300				$825				$1,125
23	N/A	Program	Crosswalk Program	$722	$86	$319	$79	$238	$722		$722	$466						$256		$722
24	T9	Condition	102 Ave NE Bridge Replacement	$31,000				$7,000	$7,000		$7,000	$500		$4,500				$2,000		$7,000
25	N/A	Capacity	Conversion of Mult Way Boulevard/Crossroad Lights	$270			$270		$270		$270	$200		$70						$270
26	N/A	Capacity	240th St SE / 35th Ave SE Intersection Improvements	$3,416	$854	$171	$2,391		$3,416		$3,416			$1,210				$2,206		$3,416
27	N/A	Condition	Bothell Way NE Stream Rockery Repair	$238	$4	$4	$4	$6	$18		$18	$18								$18
									$0											
			TOTAL ($)	$267,729	$19,584	$9,200	$14,696	$78,987	$100,867	$21,600	$122,467	$20,591	$61	$22,252	$0	$13,976	$21,600	$45,349	$219	$124,048

Annual Pavement Preservation Program Projects - These project costs are included in the Annual Pavement Program (TIP #12)

12A	T87	Condition	228th St SE Pavement Preservation (19th Ave SE to Bothell-Everett Highway and Portions West)	$1,635	$1,436				$1,436		$1,436	$583		$135				$718		$1,436
12B	T85	Condition	Juanita-Woodinville Way and NE 160th Street Pavement Preservation (T85 added to T89)	$2,399	$2,228				$2,228		$2,228	$916		$198				$1,114		$2,228
12C	T90	Condition	228th St SE Pavement Preservation (2nd Ave to 9th Ave)	$1,634			$182	$1,452	$1,634		$1,634	$1,460		$156				$1,515		$3,131
12D	T91	Condition	NE 195th St Pavement	$2,335			$260	$2,075	$2,335		$2,335	$1,194		$281				$860		$2,335
12E	T92	Condition	228th St SE Pavement Preservation (2nd Ave to 5th Ave)	$1,683			$187	$1,496	$1,683		$1,683	$724		$209				$750		$1,683
12F	T93	Condition	Bothell Everett Highway Overlay	$2,245				$250	$250		$250	$108		$142						$250
			TOTAL ($)	$11,931	$3,664	$0	$629	$5,273	$9,566	$0	$9,566	$4,985	$0	$1,121	$0	$0	$0	$4,957	$0	$11,063

Sidewalk/Walkway Program Projects - These project costs are included in the Sidewalk/Walkway Program (TIP #13)

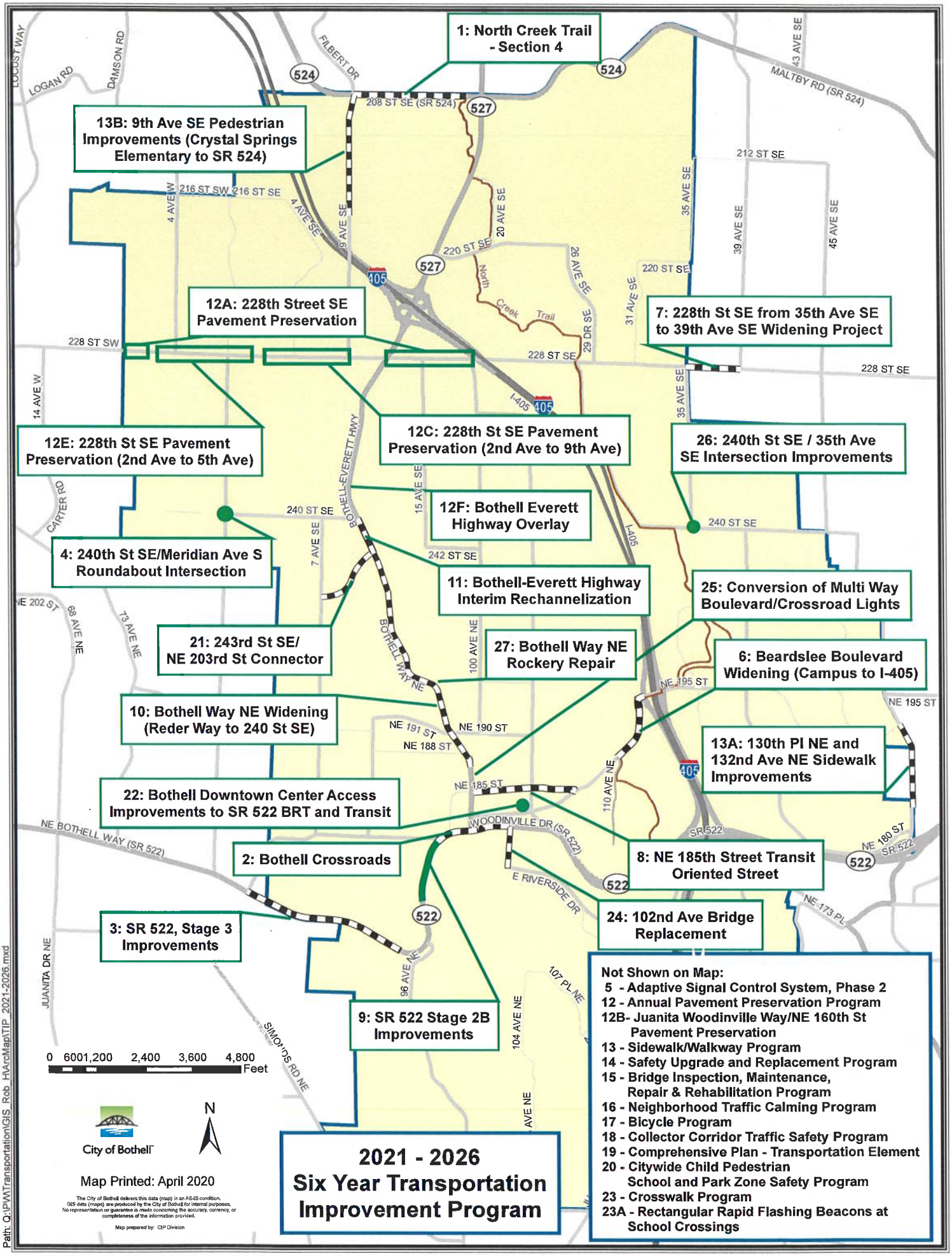
13A	T84	Sidewalk	130th Place NE and 132nd Ave NE Sidewalk Improvements	$1,254		$196	$260	$798	$1,254		$1,254	$347				$231		$676		$1,254
13B	T83	Sidewalk	9th Ave SE Pedestrian Improvements (North of Crystal Springs Elementary to SR 524)	$1,381		$32	$250	$1,099	$1,381		$1,381	$552						$829		$1,381
			TOTAL ($)	$2,635	$0	$228	$510	$1,897	$2,635	$0	$2,635	$899	$0	$0	$0	$231	$0	$1,505	$0	$2,635

Crosswalk Program Projects - These project costs are included in the Crosswalk Program (TIP #23)

23A		Crosswalk	Rectangular Rapid Flashing Beacon at School Crossings	$320	$15	$305			$320		$320	$64						$256		$320
			TOTAL ($)	$320	$15	$305	$0	$0	$320	$0	$320	$64	$0	$0	$0	$231	$0	$256	$0	$4,336

*Note: Denotes Transportation Impact Fee Projects

City of Bothell


1: North Creek Trail - Section 4
13B: 9th Ave SE Pedestrian Improvements (Crystal Springs Elementary to SR 524)
12A: 228th Street SE Pavement Preservation
7: 228th St SE from 35th Ave SE to 39th Ave SE Widening Project
12E: 228th St SE Pavement Preservation (2nd Ave to 5th Ave)
12C: 228th St SE Pavement Preservation (2nd Ave to 9th Ave)
26: 240th St SE / 35th Ave SE Intersection Improvements
12F: Bothell Everett Highway Overlay
4: 240th St SE/Meridian Ave S Roundabout Intersection
11: Bothell-Everett Highway Interim Rechannelization
25: Conversion of Multi Way Boulevard/Crossroad Lights
21: 243rd St SE/ NE 203rd St Connector
27: Bothell Way NE Rockery Repair
6: Beardslee Boulevard Widening (Campus to I-405)
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13A: 130th Pl NE and 132nd Ave NE Sidewalk Improvements
22: Bothell Downtown Center Access Improvements to SR 522 BRT and Transit
2: Bothell Crossroads
8: NE 185th Street Transit Oriented Street
3: SR 522, Stage 3 Improvements
24: 102nd Ave Bridge Replacement
9: SR 522 Stage 2B Improvements
Not Shown on Map:
5 - Adaptive Signal Control System, Phase 2
12 - Annual Pavement Preservation Program
12B- Juanita Woodinville Way/NE 160th St Pavement Preservation
13 - Sidewalk/Walkway Program
14 - Safety Upgrade and Replacement Program
15 - Bridge Inspection, Maintenance, Repair & Rehabilitation Program
16 - Neighborhood Traffic Calming Program
17 - Bicycle Program
18 - Collector Corridor Traffic Safety Program
19 - Comprehensive Plan - Transportation Element
20 - Citywide Child Pedestrian School and Park Zone Safety Program
23 - Crosswalk Program
23A - Rectangular Rapid Flashing Beacons at School Crossings
0 600 1,200 2,400 3,600 4,800 Feet
N
City of Bothell
Map Printed: April 2020
The City of Bothell delivers this data (map) in an AS-IS condition. GIS data (maps) are produced by the City of Bothell for internal purposes. No representation or guarantee is made concerning the accuracy, currency, or completeness of the information provided.
Map prepared by: CIP Division
2021 - 2026
Six Year Transportation Improvement Program
Path: Q:\PWTransportation\GIS_Rob_HArcMap\TIP_2021-2026.mxd
LOCUST WAY
LOGAN RD
DAMSON RD
FILBERT DR
524
208 ST SE (SR 524)
527
MALTBY RD (SR 524)
43 AVE SE
212 ST SE
216 ST SW
216 ST SE
4 AVE W
4 AVE SE
9 AVE SE
20 AVE SE
35 AVE SE
39 AVE SE
45 AVE SE
220 ST SE
26 AVE SE
31 AVE SE
29 DR SE
North Creek Trail
405
228 ST SW
228 ST SE
14 AVE W
I-405
BOTHELL-EVERETT HWY
15 AVE SE
CARTER RD
240 ST SE
7 AVE SE
242 ST SE
NE 202 ST
68 AVE NE
73 AVE NE
BOTHELL WAY NE
100 AVE NE
NE 195 ST
NE 191 ST
NE 190 ST
NE 188 ST
NE 185 ST
110 AVE NE
WOODINVILLE DR (SR 522)
SR 522
NE 180 ST
NE BOTHELL WAY (SR 522)
522
E RIVERSIDE DR
NE 173 PL
JUANITA DR NE
96 AVE NE
107 PL NE
104 AVE NE
SIMONDS RD NE
AVE NE

Six-Year Transportation Improvement Program (TIP)

Project Descriptions

TIP #1: North Creek Trail – Section 4

Project Type: Trail/Sidewalk

Description: North Creek Trail is a seven-mile regional, multi-use trail connecting the Burke-Gilman/Sammamish River Trail in King County and the Interurban Trail at McCollum Park in Snohomish County. This project will complete the missing link between the proposed Snohomish County portion of the trail and the existing Bothell portion of the trail. This trail will consist of a separated 12' wide multi-purpose paved path and will connect to the planned Snohomish County North Creek Trail north of the SR 524 and the North Creek Trail Section 3 in Bothell. This project may consist of an elevated boardwalk structure over the wetland areas. This project will be constructed in 3 phases – Phase 1 (Filbert Road to east side of Centennial Park entrance), Phase 2 (Centennial Park entrance to east side of North Creek bridge), and Phase 3 (east side of North Creek bridge to NCT3).

TIP #2: Bothell Crossroads

Project Type: Capacity/Economic

Description: The project realigned SR 522 to the south of the existing SR 522 to create new "T" intersections at Bothell Way and 98th Avenue NE. Bothell Way and 98th Ave NE were extended from Main Street to the new SR 522. The roadway consists of two lanes in each direction with turn lanes, sidewalks, and landscaping. This project will remain in the TIP until required mitigation area maintenance is completed in 2022.

TIP #3: SR 522, Stage 3 Improvements

Project Type: Capacity

Description: The project is a continuation of the SR 522 Stage 1 and 2 improvements. It will provide road improvements and business access and transit (BAT) lanes from the end of the Stage 1 and 2 improvements at 96th Ave NE to 83rd Place NE (the western city limits). Key elements include: Widening of general purpose lanes; adding BAT lanes in each direction (including the missing eastbound direction of the BAT lane from 91st Avenue NE to approximately 800 feet west of the 96th Avenue NE intersection); access management; center medians; interconnection of signals; sidewalk (north side only with the existing Sammamish River/Burke Gilman Trail on the south side); curb and gutters; retaining walls; street illumination; drainage improvements; landscaping; and utility undergrounding. The total project length is approximately 4,000 linear feet.

TIP #4: Meridian Avenue S and 240th Street SE Roundabout

Project Type: Safety/Capacity

Description: This project will construct a roundabout at the intersection of 240 Street SE and Meridian Ave S. In addition, sidewalks, crosswalks, Americans with Disabilities Act (ADA) ramps, drainage, and illumination will be installed.

TIP #5: Adaptive Signal Control System, Phase 2

Project Type: Capacity

Description: This project is the second phase of the project that will install adaptive signal control systems in City traffic signals to improve traffic circulation and reduce delay. This project will install the systems in thirteen (13) Bothell intersections along Bothell Way (NE 191st St to SR 522) and SR 522 (96th Ave NE to Campus Way S). A regional federal grant was awarded for this project which is under Snohomish County's lead. Adaptive signal control technology adjusts the timing of red, yellow, and green lights to accommodate changing traffic patterns and ease traffic congestion. The main benefits of adaptive signal control technology over conventional signal systems are that it can: 1) Continually distribute green light time equitably for all traffic movements, 2) Improve traffic time reliability by progressively moving vehicles through green lights, 3) Reduce congestion by creating smoother flow, and 4) prolong the effectiveness of traffic signal timing.

TIP #6: Beardslee Boulevard Widening (Campus to I-405)

Project Type: Capacity

Description: This project provides an additional eastbound lane along Beardslee Boulevard from 110th Avenue NE (the entrance to the UWB/CCC Campus) to I-405. The project will include roadway widening, concrete curb and gutter, bike lane, signal modifications, trail relocation, street illumination, retaining walls, and wetland mitigation.

TIP #7: 228th Street SE from 35th Avenue SE to 39th Avenue SE Widening Project

Project Type: Capacity

Description: This project will improve 228th St SE between 35th St SE and 39th Ave SE for approximately 1500 feet in length with an additional 300 feet of 228th St SE west of 35th St SE. Work will include improving intersections at 35th Ave and 39th Ave and widening 228th St SE as necessary to accommodate the heavy turning movements associated with the intersections. The project will include roadway widening, signal modifications, storm water improvements, concrete curbs, gutters, sidewalks, bike/pedestrian facilities, street lighting, landscaping and wetland mitigation.

TIP #8: NE 185th Street Transit-Oriented Street (Beardslee Blvd to Bothell Way)

Project Type: Capacity

Description: This project will provide transit improvements on 98th Ave NE, between SR 522 and Bothell Way NE, and on NE 185th Street, between Bothell Way NE and Beardslee Boulevard. Work on 98th Ave NE will primarily include intersection modifications/improvements at NE 183rd St as well as some channelization modifications north of the intersection. It will also include intersection modifications on NE 185th St at Bothell Way NE, 101st Ave NE and 102nd Ave NE with traffic signals installed at the 104th Avenue NE and Beardslee Boulevard. Transit stations are anticipated near the King County Library, at 104th Ave NE, and near Husky Village on Beardslee Boulevard. The work will be coordinated with necessary water, sewer, and storm water utility improvements along NE 185th St. If funding is available, pavement rehabilitation may occur. The project is currently a Sound Transit project that would be funded (except for utility work) by Sound Transit 3 funds. The project scope, budget, and timeline is dependent on Sound Transit's allocation of funding.

TIP #9: SR 522, Stage 2B Improvements

Project Type: Capacity

Description: This project will provide transit improvements on SR 522 between 96th Ave NE (Wayne Curve) and 98th Ave NE. Improvements could be in the form of a westbound or eastbound business, access, and transit (BAT) lane. If so, it will also install curb, gutter, drainage, landscape strip, sidewalk, and lighting on the side of the installation. The project could also install queue jumps to allow transit to efficiently move through the corridor at intersections. The project is currently a Sound Transit project that would be funded (except for utility work) by Sound Transit 3 funds. The project scope, budget, and timeline is dependent on Sound Transit's allocation of funding.

TIP #10: Bothell Way Widening (Reder Way to 240th Street SE)

Project Type: Capacity

Description: This project will widen Bothell Way NE from Reder Way to 240th Street NE from 2 lanes to 4 or 5 lanes: 2 through-lanes in each direction, a two-way left turn where needed, intersection improvements, protected bicycle lanes, landscaping strips, and sidewalks. The work includes street lighting, retaining walls, removing and replacing "fish barrier" culverts, storm drain system improvements, water / sewer improvements, and wetland mitigation. The project is anticipated to be divided into 3 segments: King County Phase 1 and 3, and Snohomish County Phase 2. The King County Phase 1 and Snohomish County Phase 2 segments will construct about 1/3 of the project at each end. The King County Phase 3 will construct the remaining middle third section.

TIP #11: Bothell-Everett Highway Interim Rechannelization at 242nd Street SE

Project Type: Condition

Description: The outer edge of the embankment on which Bothell-Everett Highway between 240th Street SE and 242nd Street SE was originally constructed is not stable. This became apparent after a geotechnical investigation/analysis was completed as a result of a failing rockery. This project will shift the Bothell-Everett Highway (BEH) north of 242nd Street SE to the west by approximately one lane's width to remove traffic loading from the edge of the slope. The median will be eliminated and the lanes restriped. This is an interim measure until such time that a permanent solution can be funded. The permanent solution is estimated to cost over $3 million and will likely take place with the Bothell Way NE/Bothell-Everett Highway Widening project

TIP #12: Annual Pavement Preservation Program

Project Type: Program

Description: This is a program that analyzes and rates pavement condition throughout the City using a Pavement Management System and extends roadway life using various treatment methods such as crack sealing, slurry sealing, patching, and asphalt overlays. City funds are augmented with grant funding when available. See current overlay project TIP #12A to 12F below for potential grant-funded overlay projects.

TIP #12A: 228th Street SE Pavement Preservation (19th Avenue SE to Bothell-Everett Highway and Portions West)

Project Type: Condition

Description: This project includes rehabilitating the existing pavement on 228th Street SW from the West City limit to 6th Ave W, and on 228th Street SE from Bothell-Everett Highway to 19th Avenue SE. The project consists of milling, spot repairs, pavement overlay, and striping work for each segment of the roadway.

TIP #12B: Juanita-Woodinville Way and NE 160th Street Pavement Preservation

Project Type: Condition

Description: This project includes rehabilitating the existing pavement on Juanita-Woodinville Way NE (from NE 145th Street to 115th Avenue NE) and on NE 160th Street (from 121st Avenue NE to 124th Avenue NE). The project consists of milling, spot repairs, pavement overlay, and striping work for each segment of the roadway.

TIP #12C: 228th St SE from 2nd Ave SE to 9th Ave SE Pavement Preservation

Project Type: Condition

Description: This project includes rehabilitating the existing pavement on 228th St SE (from 2nd Ave SE to 9th Ave SE). The project consists of milling, spot repairs, pavement overlay, and striping work for each segment of the roadway.

TIP #12D: NE 195th Street Pavement Preservation (from just west of I405 to North Creek Parkway)

Project Type: Condition

Description: This project includes rehabilitating the existing pavement on NE 195th St (from just west of I-405 to North Creek Parkway). The project consists of milling, spot repairs, pavement overlay, and striping work for each segment of the roadway.

TIP #12E: 228th St SW & SE from 5th Ave W to 2nd Ave SE Pavement Preservation

Project Type: Condition

Description: This project includes rehabilitating the existing pavement on 228th St SW and SE (5th Ave W to 2nd Ave SE). The project consists of milling, spot repairs, pavement overlay, and striping work for each segment of the roadway.

TIP #12F: Bothell-Everett Highway Pavement Preservation

Project Type: Condition

Description: This project includes rehabilitating the existing pavement on Bothell-Everett Highway (240th St SE to just south of I-405. The project consists of milling, spot repairs, pavement overlay, and striping work for each segment of the roadway.

TIP #13: Sidewalk/Walkway Program

Project Type: Program

Description: This program addresses missing links in the City's pedestrian network and Americans with Disabilities Act (ADA) needs. Sidewalk needs are inventoried and prioritized using a methodology that accounts for proximity to schools, public services, and low-income housing; missing sidewalk and curb ramps; street classification; collision data; and citizen requests. ADA facilities such as ramps and pedestrian buttons are inventoried as well. See current overlay project TIP #13A to 13B below for potential grant-funded projects.

TIP #13A: 130th Place NE and 132nd Avenue NE Sidewalk Improvements

Project Type: Sidewalk

Description: The Proposed improvements consist of concrete sidewalk, planting strip buffer, curb and gutter, storm drainage, ADA curb ramps and crosswalks on the west side of 132nd Ave NE and 130th Pl NE between NE 184th Pl and NE 195th St in the City of Bothell and the City of Woodinville.

TIP #13B: 9th Ave SE Pedestrian Improvements: North Phase (North of Crystal Springs Elementary to SR 524)

Project Type: Sidewalk

Description: This project will provide a safe and continuous walk route for students who live north of Crystal Springs Elementary School, including the residential neighborhoods north of 208th Street SE (SR 524). The project will complete missing segments of sidewalk to provide a continuous sidewalk on the east side of the street between 209th Pl SE and 215th St SE. The improvements include sidewalk, curb, gutter, and storm drainage. Crossing improvements are proposed at the intersection of 9th Ave SE and 213th St SE, which include striped crosswalks, pedestrian flags, and ADA compliant curb ramps.

TIP #14: Safety Upgrade and Replacement Program

Project Type: Program

Description: This project provides funding for safety improvements to the transportation infrastructure. Types of safety upgrade and replacement include guardrails, signage, minor curb replacement, removal of line-of-sight obstructions.

TIP #15: Bridge Inspection, Maintenance, Repair, and Rehabilitation Program

Project Type: Program

Description: This program funds bridge inspection, maintenance, minor repair, and minor rehabilitation work to the City's existing bridges. The program upholds commuter and pedestrian safety as well as essential emergency access. Major bridge rehabilitation, repair or replacement needs that are identified via the inspection program are funded in the City's Capital Facilities Plan (CFP) as specific projects.

TIP #16: Neighborhood Traffic Calming Program

Project Type: Program

Description: This program consists of developing and implementing neighborhood traffic calming projects throughout the City based on the established criteria in the City's adopted Neighborhood Traffic Calming Program.

TIP #17: Bicycle Program

Project Type: Program

Description: This program inventories existing bicycle facilities to identify missing gaps and safety issues and maintains a City-wide bicycle system plan. The inventory and plan prioritizes the bicycle projects. The program provides funding to complete projects in order to meet the goals of the overall plan including but not limited to storage and bike racks.

TIP #18: Collector Corridor Traffic Safety Program

Project Type: Program

Description: This program addresses mobility and safety improvement needs along collectors. Many of these corridors are located in the residential areas where the residents experience high-speed traffic in large volumes.

TIP #19: Comprehensive Plan – Transportation Element

Project Type: Planning

Description: The City's Comprehensive Plan undergoes a comprehensive plan update every eight years. At that time significant transportation planning and analyses must be accomplished to support the plan vision. In intermediate years, amendments are made to the plan to address changing conditions, issues, and needs. Often, these amendments affect the City's transportation system and analyses must be completed to determine their effects. This line item provides resources to support this on-going planning process.

TIP #20: Citywide Child Pedestrian School and Park Zone Safety Program

Project Type: Program

Description: This program addresses child pedestrian safety needs specifically related to schools and parks. Projects associated with this program include, but are not limited to, street crossings, sidewalk gap fill-ins, and installation of signs.

TIP #21: 243rd Street SE/NE 203rd Street Connector

Project Type: Capacity

Description: This project includes a new street connection between Bothell-Everett Highway and 88th Avenue NE. The easterly portion of this new street has been constructed in conjunction with the developer of the Safeway property. The new roadway would traverse private properties located in the southerly portion of the Red Barn Village special district within the Country Village/Lake Pleasant/Bothell-Everett Highway Subarea. It is intended that the 243rd Street SE/NE 203rd Street Connector be constructed by the private sector in conjunction with the development of those properties through which the street would extend.

TIP #22: Bothell Downtown Center Access Improvements to SR 522 BRT and Transit (Phase 1 – 102nd Ave)

Project Type: Sidewalk

Description: This project will replace existing damaged sidewalks in the north-south direction on 102nd Ave NE between NE 185th Street and the north end of the 102nd Ave NE Bridge in order to connect transit users with the downtown businesses. The work will consist of reconstructing sidewalks, curb ramps, tree wells, and installing lighting to provide safe and accessible routes that meet ADA requirements to and from multimodal corridors.

TIP #23: Crosswalk Program

Project Type: Program

Description: This program addresses safe pedestrian crossings. The City has budget to design and build approximately one crosswalk a year, more if grant funding is obtained. The City maintains a list of proposed crosswalks based on scoring criteria. See current overlay project TIP #23A below for potential grant-funded projects.

TIP #23A: Rectangular Rapid Flashing Beacons at School Crossings

Project Type: Safety

Description: This project installs rectangular rapid flashing beacons (RRFB) at school crossings. The scope also includes construction of ADA ramps, curb work, necessary pedestrian landings, signs, and other associated work at pedestrian crossings on 9th Ave SE (at 226th St SE), 104th Ave NE (at NE 200th St), and 112th Ave NE (at NE 160th Pl).

TIP #24: 102nd Ave NE Bridge Replacement

Project Type: Condition

Description: This project will replace the existing 102nd Avenue NE Bridge, including reconstruction of the roadway approaches.

TIP #25: Conversion of Multiway Boulevard and Crossroads Street Lights to Puget Sound Energy

Project Type: Economic/Capacity

Description: The lighting system power cabinets need to be rehabilitated in order for Puget Sound Energy to take over maintenance of the lighting system.

TIP #26: 240th St SE & 35th Ave SE Intersection Improvements (Traffic Signal or Roundabout)

Project Type: Capacity

Description: Adds traffic signal or roundabout with required channelization modifications, lighting, sidewalk, and approach work.

TIP #27: Bothell Way NE Rockery Repair

Project Type: Condition

Description: This project provides a small, but critical, repair to an existing 8-foot tall retaining wall rockery that has experienced displacement of rocks. This repair will prevent the backfill supporting the adjacent road from washing out. While the repair work will likely be completed prior to 2021, monitoring and maintenance of the stream restoration requirements will be required for 5 years.