CITY OF KENMORE WASHINGTON RESOLUTION NO. 21-365

A RESOLUTION OF THE CITY COUNCIL OF KENMORE, WASHINGTON, ADOPTING THE 2022-2027 SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM.

WHEREAS, RCW 35.77.010 requires the City to review and adopt annually a revised and extended six-year comprehensive transportation program; and

WHEREAS, on June 28, 2021, the City Council held a public hearing and took public comment on the proposed 2022-2027 Six-Year Transportation Improvement Program; and

WHEREAS, the City Council finds that the proposed 2022-2027 Six-Year Transportation Improvement Program is consistent with the Transportation Element of the City of Kenmore Comprehensive Plan, and includes the facilities, projects, programs and information required by RCW 35.77.010;

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

<u>Section 1</u>. <u>Program Adopted</u>. The 2022-2027 Six-Year Transportation Improvement Program for the City of Kenmore, attached as an Exhibit and incorporated by this reference, is approved and adopted.

<u>Section 2</u>. <u>Filing of Program</u>. As required by RCW 35.77.010, the City Manager or designee is authorized and directed to file a copy of this resolution, together with the attached Exhibit, with the Secretary of the Washington Department of Transportation within thirty (30) days of adoption of this resolution.

PASSED BY THE CITY COUNCIL OF THE CITY OF KENMORE, WASHINGTON, AT A REGULAR MEETING THEREOF THIS 28^{TH} DAY OF JUNE 2021

David Baker, Mayor

CITY OF KENMORE

ATTEST/AUTHENTICATED:

Anastasiya Warhol (Jun 29, 2021 11:36 PDT)

Anastasiya Warhol, City Clerk

APPROVED AS TO FORM:

Dawn Reitan

Dawn Reitan (Jun 29, 2021 11:43 PDT)

Dawn Reitan, City Attorney



CITY OF KENMORE 6-Year TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

June 28, 2021

2022-2027



CITY OF KENMORE

2022-2027 Transportation Improvement Program

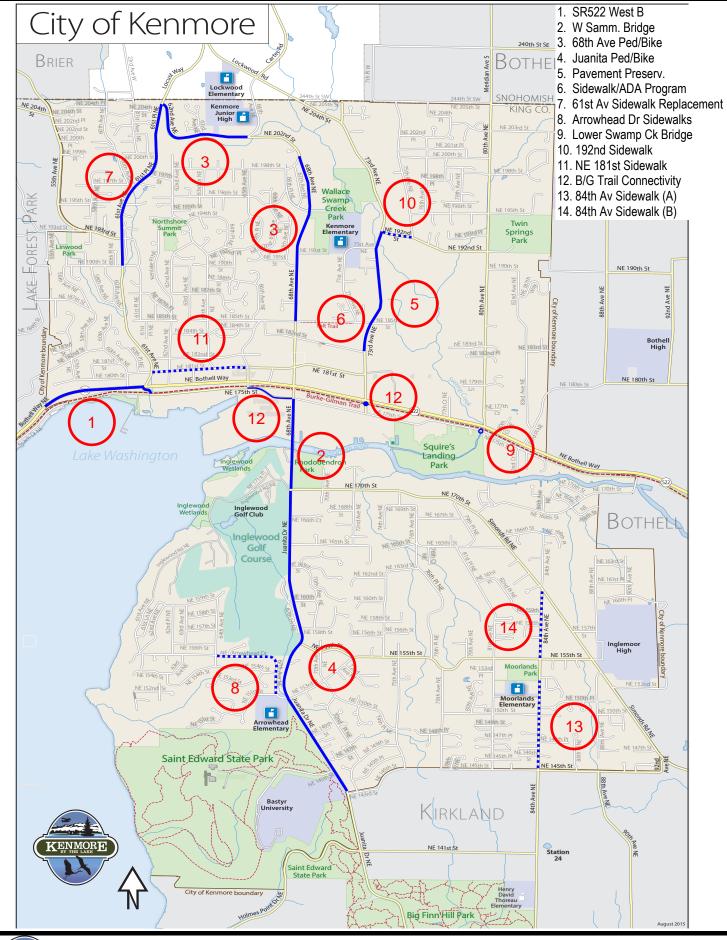
		Voor													2022 2027			
Desired a succ	Front in a	Prior Years	_	2022 2023			Year 2025			2025	2026			2027	2022-2027			
Project name	Funding			2022		2023		2024		2025		2020		2027	Ċ	Totals	-	roject Totals
	Local Federal/State	\$ -) (250,000	Ś	250,000	Ś	900,000	\$	585,000	\$	10,000			\$	1,995,000	\$	2,000,000
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(57th to 61st)		'	1	350,000	ć	350,000	<u>'</u>	, ,	<u> </u>	,	_	10.000	<u>,</u>		Ļ.	, ,	ې د	,,
	Subtotal	φ 5,00	_	250,000		250,000	\$	1,900,000	\$	1,235,000	\$	10,000				3,645,000	\$	3,650,000
	Local (incl. Utilties)	\$ 1,839,054		_,,	<u> </u>	852,770	\$	9,759	\$	9,759	\$	9,759	\$	68,873	\$	3,288,236	\$	5,127,290
West Sammamish River Bridge	Federal/State	\$ 31,621,554	4 \$	6,306,631	\$	40,406									_	6,347,037	\$	37,968,591
Replacement	Unsecured				_										\$	-	\$	
	Subtotal	\$ 33,460,60	_	-,,-	\$	893,176	Ş	9,759	\$	9,759	\$	9,759	\$	68,873	_	9,635,273	\$	43,095,881
68th Avenue NE Pedestrian and Bicycle Improvements	Local	\$ 9,233,42		2,733,503											\$	2,733,503	\$	11,966,925
	Federal/State	\$ 1,054,950)												\$	-	\$	1,054,950
	Unsecured														\$	-	\$	-
	Subtotal	\$ 10,288,37	2 \$	2,733,503	\$	-	\$	-	\$	-	\$	-	\$	-	\$	2,733,503	\$	13,021,875
Juanita Drive Pedestrian and Bicycle Improvements	Local	\$ 10,809,059	9 \$	358,699											\$	358,699	\$	11,167,758
	Federal/State	\$ 5,676,350)												\$	-	\$	5,676,350
	Unsecured														\$	-	\$	-
	Subtotal	\$ 16,485,409	9 \$	358,699	\$	-	\$	-	\$	-	\$	-	\$	-	\$	358,699	\$	16,844,108
Pavement Preservation Program	Local	\$ 7,006,25	3 \$	1,018,554	\$	150,000	\$	2,990,000	\$	150,000	\$	2,990,000	\$	150,000	\$	7,448,554	\$	14,454,812
(\$1.0M/year in local funds allocated to	Federal/State	\$ 355,35	1												\$	-	\$	355,351
Pavement Seals which are not reflected in this Program)	Unsecured						\$	60,000			\$	60,000			\$	120,000	\$	120,000
	Subtotal	\$ 7,361,609	9 \$	1,018,554	\$	150,000	\$	3,050,000	\$	150,000	\$	3,050,000	\$	150,000	\$	7,568,554	\$	14,930,163
Sidewalk Replacement/Gap Program	Local	\$ 406,584	4 \$	150,000	\$	100,000	\$	100,000	\$	100,000	\$	100,000	\$	100,000	\$	650,000	\$	1,056,584
	Federal/State	,	Ė	•	Ė				Ė	· · · · · ·	•	,	·		\$	-	\$	-
	Unsecured														\$	-	\$	_
	Subtotal	\$ 406,584	4 5	150,000	Ś	100,000	Ś	100.000	Ś	100.000	Ś	100.000	Ś	100.000	Ś	650.000	Ś	1,056,584
	Local	\$ 121,98		,	Ś	30.000	Ė	,	Ė	,	Ė	,	Ė	,	\$	30.000	Ś	151,988
61st Ave NE Sidewalk Replacement Project	Federal/State	\$ 55,000	_	165,000	\$										т.	1,309,265	\$	1,364,265
	Unsecured	\$ 33,000	7	100,000	\$										_	3,500,000	\$	3,500,000
	Subtotal	\$ 176.98	2 6	165.000	\$	4,674,265	Ś		Ś		Ś		Ś	_	\$	4.839.265	\$	5,016,253
NE Arrowhead Drive Sidewalk Improvements	Local	7 170,500	, ₊	105,000	۲	1,07 4,203	Y		7		7		7		\$	1,033,203	\$	3,010,233
	Federal/State														\$		\$	
	Unsecured				Ś	61.000	Ś	85,900	Ś	980.348					т.	1,127,248	\$	1,127,248
		l ć	+		т.		Ė		т	,	۲.		<u> </u>		·		÷	
	Subtotal	\$ -	Ş	-	\$	61,000	\$	85,900	\$	980,348	\$	-	\$	-	\$	1,127,248	\$	1,127,248



CITY OF KENMORE

2022-2027 Transportation Improvement Program

		Year												2	2022-2027				
Project name	Funding	Pric	or Years	2022		2023		2024		2025		2026		2027		Totals		Project Totals	
Lower Swamp Creek Bridge Replacement	Local	\$	23,218	\$ 25	5,000											\$	25,000	\$	48,218
	Federal/State															\$	-	\$	-
	Unsecured					\$	25,000	\$	175,000	\$	200,000	\$	2,200,000			\$	2,600,000	\$	2,600,000
	Subtotal	\$	23,218	\$ 25	5,000	\$	25,000	\$	175,000	\$	200,000	\$	2,200,000	\$	-	\$	2,625,000	\$	2,648,218
192nd St Sidewalk Project (73rd - 75th)	Local															\$	-	\$	-
	Federal/State															\$	-	\$	-
	Unsecured					\$	86,800	\$	344,200							\$	431,000	\$	431,000
	Subtotal	\$	-	\$	-	\$	86,800	\$	344,200	\$	-	\$	-	\$	-	\$	431,000	\$	431,000
NE 181st St Sidewalks (61st Ave NE - 65th Ave NE, south side)	Local															\$	-	\$	-
	Federal/State															\$	-	\$	-
	Unsecured									\$	200,000	\$	270,000	\$	2,880,500	\$	3,350,500	\$	3,350,500
	Subtotal	\$	-	\$	-	\$	-	\$	-	\$	200,000	\$	270,000	\$	2,880,500	\$	3,350,500	\$	3,350,500





CITY OF KENMORE

FIGURE 1

NOT TO SCALE

ENGINEERING DEPARTMENT (425) 398-8900



City of Kenmore Capital Improvement Program

Project Name: SR 522 West B (57 Avenue NE to 61 Avenue NE)

Project No. T-8

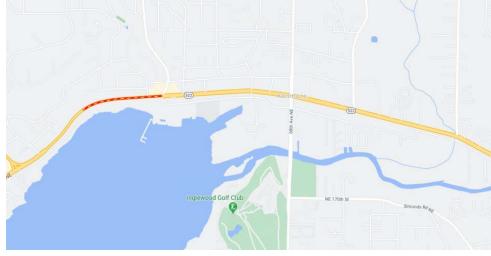
Project Location: SR 522 from 57 Avenue NE to 61 Avenue NE

Project Description: This project will widen Highway 522 west of 61 Avenue NE to provide eastbound-to-westbound U-turn capability at the 61st Ave NE intersection, widening along the south side of SR 522 for new sidewalk and amenity strip, and provide access management to SR522.

Background: Since its incorporation, the City of Kenmore has completed improvements to SR 522 (Bothell Way) between 61st Avenue NE and the east city limits to increase safety, improve transit reliability, and ease congestion. Improvements included adding new traffic signals, street lighting and sidewalks, widening SR 522 for Business Access and Transit lanes, enhancing the corridor with new landscaping and medians to improve access management, replacing the Swamp Creek Bridge, undergrounding utilities, and more. The final segment, SR 522 West B (57 Avenue NE to 61 Avenue NE) will complete corridor improvements to the west City limits.

Funding Sources: This project is funded with \$2M from the State's Connecting WA program. Additional City funds may be needed to supplement the grant funds. Staff will apply for additional grant funds as they become available.







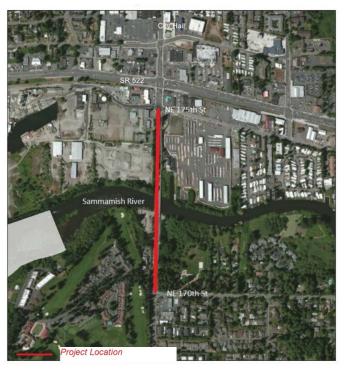
Project Name: West Sammamish River Bridge Replacement Project Project No: T-37

Project Location: 68th Avenue NE between NE 170th Street and NE 175th Street

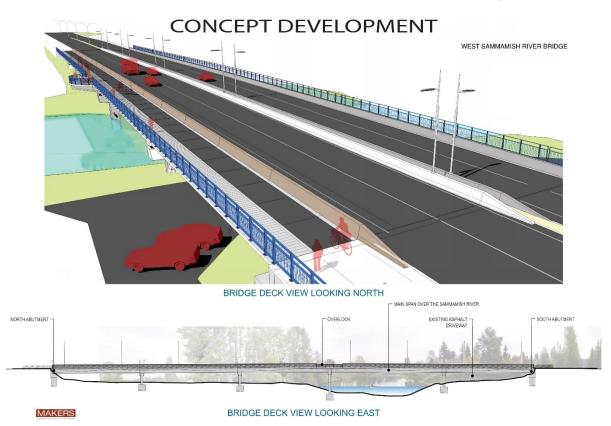
Project Description: Replace the West Sammamish River Bridge (southbound traffic) that crosses the Sammamish River on 68th Avenue NE. The project will also include new sidewalk and bike path, landscaping, lighting, and utility undergrounding on 68th Avenue NE between NE 170th Street and NE 175th Street.

Background: The West Sammamish River Bridge was constructed in the 1930's and is at the end of its life. It is considered to be structurally obsolete. To date, the City has completed an alternatives analysis, a scour analysis, a load rating analysis, and has applied load restrictions on the bridge (weight limits went into effect in 2014). The bridge continues to be monitored during the design of the new bridge.

Funding Sources: The City has been awarded several grants for the project. The City was awarded \$12M in Bridge Program funds, \$1.06M in Surface Transportation funds, \$18M in Connecting Washington funds, and \$7M in TIB funds.



Project Location





Project Name: 68 Avenue NE Pedestrian and Bicycle Improvements

Project Location: 68 Avenue NE / NE 202 Street

Segment a: West side of 68 Avenue NE from NE 182 Street to NE 185 Street Segment b: East side of 68 Avenue NE from NE 185 Street to existing sidewalk Segment c: West side of 68 Avenue NE from NE 185 Street to NE 201 Street Segment d: North side of NE 202 Street from 66 Avenue NE to 61 Avenue NE

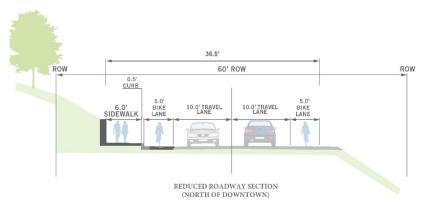
Project Description: This project provides continuous ADA accessible sidewalk and bike lanes on 68 Avenue NE and NE 202 Streets respectively between NE 182 Street and 61 Avenue NE. Other project components include new storm drainage, LED street lighting, landscaping in downtown area, RRFB ped crossing at NE185th Street, retaining walls and utility relocation where necessary.

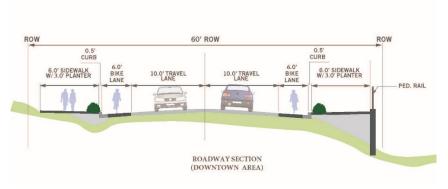
Background: 68 Avenue NE / NE 202 Street is a collector arterial roadway that runs north/south through the City of Kenmore. This roadway serves as a primary connector to Downtown Kenmore and City Hall for residences and Kenmore Middle School. The current street configuration allows for only one travel lane in each direction and intermittent asphalt shoulders. The posted speed is 35 mph.

Funding Sources: This project is funded through the Walkways and Waterways bond measure, Department of Ecology grant, Northshore Utility District, and local dollars.



Proposed Improvements:







Project Name: Juanita Drive NE Pedestrian and Bicycle Improvements Project No. T-41

Project Location: Juanita Drive NE (NE 143 Street to NE 170 Street)

Project Description: This project provides continuous ADA accessible sidewalk and buffered bike lanes on Juanita Drive NE between NE 143 Street and NE 170 Street. Specific project components include:

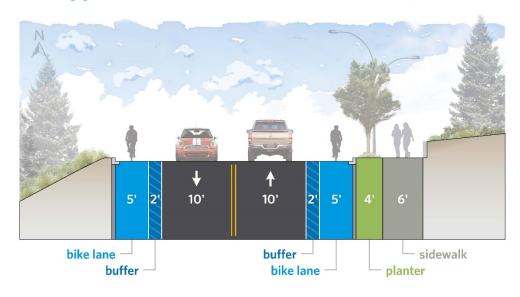
- Sidewalk along the east side of Juanita Drive NE where residential neighborhoods are located. Sidewalk improvements and pedestrian crossings on west side of street will be limited to bus stops only.
- Bike lanes with buffer on the east and west side of Juanita Drive NE;
- Additional or extensions of left turn lanes where warranted:
- Pedestrian crossing treatments to improve nonmotorized safety, connectivity, and comfort;
- Improved storm drainage, LED street lighting, landscaping and aesthetics and;
- Utility relocation and/or retaining structures, where necessary.

Background: Juanita Drive NE serves as a north-south critical link to the City's Downtown, SR 522 Corridor, Burke-Gilman Trail, Bastyr University, Kenmore Senior Center, Parks, and Arrowhead Elementary School for thousands of local residents and is part of the Lake Washington Loop, one of the region's most popular recreational cycling routes. Juanita Drive NE is an existing minor arterial roadway with mostly one travel lane in each direction and asphalt shoulders. The posted speed is 35 mph. This roadway experiences a high number of accidents per year and contains several geometric deficiencies including lack of continuous sidewalks and bicycle lanes. Up to 250 bicycles and 15,000 vehicles use this corridor daily.

Funding Status: This project is funded through the Walkways and Waterways bond measure, WSDOT Pedestrian and Bicycle Safety Program, Sound Transit System Access Fund, WA State Department of Ecology, WA State Department of Commerce, Northshore Utility District, and local City dollars.

Project Delivery Status: Construction began on July 6, 2020 and is expected to continue through 2021.

Typical Section - two lanes (Looking North)





Project Name: Sidewalk Gap/ADA Replacement Program

Project No.: T-27

Project Location(s): Citywide

Project Description: These projects are intended to complete gaps in existing sidewalk, replace non-compliant curb ramps and sidewalks at the identified locations throughout the city. Typical projects include new 5-6 foot wide sidewalk and ADA ramp improvements, curb ramp replacement, and sidewalk panel replacement.

Background: The City completed an inventory and assessment of its pedestrian facilities within the right of way. Several locations were identified as not being compliant with the American with Disabilities Act (ADA) standards. Also, filling sidewalk gaps is a cost effective way to improve mobility within the City. In 2013, the City completed its first Sidewalk Priority Plan. This plan will be updated in 2021 and will included a priority list for completing short sidewalk gaps within the City. Staff will utilize the pedestrian facility inventory completed in 2015 to identify priorities for replacing noncompliant accessible routes.

Funding Sources: \$100K per year of local City funds are allocated to this project. \$75K each year will be diverted to sidewalk replacement on 61st Ave NE (Project No. T-44).





Figure A



Project Name: 61st Avenue Sidewalk Replacement Project Project No. T-44

Project Location: 61st Avenue NE (NE 190th Street north to 62nd Ave NE)

Project Description:

This project will update the alternatives analysis and include other possible scenarios. Sidewalk panels will be replaced as funding allows.

Background: 61st Avenue NE is an arterial that runs north to south (north of SR 522). The intersection with NE 193rd Street is a major intersection that could utilize additional control. The sidewalks north of NE 190th Street do not meet American with Disability Act (ADA) compliance and have suffered from street tree damage. In 2017, an alternatives analysis was completed evaluating options for replacement of the sidewalk in this area.

Funding Sources:

This project would be funded with a combination of City resources and WSDOT Ped/Bike grant funds.

Existing Conditions: Traffic volumes on 61st Avenue NE will continue to increase as regional traffic grows. Over 70 locations along this corridor are experiencing sidewalk uplift due to nearby trees and several other panels have shifted and pedestrians with accessibility issues are sometimes forced into the existing shoulder/travel lane.





Project Name: NE Arrowhead Drive Sidewalks

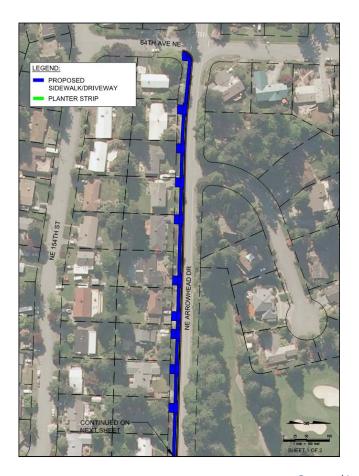
Project No.: T-47

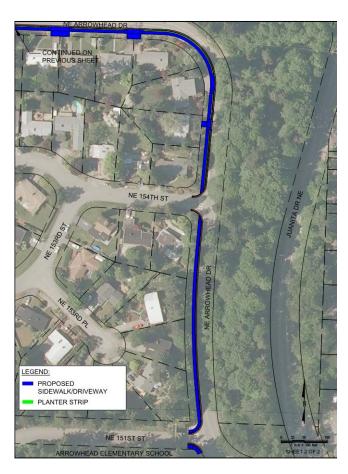
Project Location: NE Arrowhead Drive between NE 151st Street and 64th Avenue NE.

Project Description: This project builds approximately 2,050 LF of new sidewalks on west side/south side of NE Arrowhead drive from NE 151st St to 64th Ave NE.

Background: NE Arrowhead Drive varies from 3-foot wide to 5-foot wide shoulder with two way traffic. NE Arrowhead Drive is a designated walking route for Arrowhead Elementary School students. Sidewalks along this road were identified as a high priority during the neighborhood meetings held for this area as part of the Neighborhood Transportation Program Plan and is listed as a high priority sidewalk in the Sidewalk Program.

Funding Sources: This project is currently unfunded. In May 2020, staff applied for a WSDOT Safe Route to Schools grant to fund this project. Grant results will be announced in the fall of 2020.





Proposed Improvements



City of Kenmore Capital Improvement Program

Project Name: Lower Swamp Creek Bridge Replacement

Project No.: T-38

Project Location: NE 175th Street/Swamp Creek Crossing

Project Description: The bridge over Swamp Creek at NE 175th Street has reaching its expected lifespan and is in need of replacement. An update of the alternatives analysis, cost estimates, funding alternatives will be conducted prior to design/construction.

Background: This structure is on NE 175th Street, adjacent to the Burke Gilman Trail and crosses Swamp Creek. This structure currently is wide enough for two way vehicle traffic. The existing structure is routinely evaluated by the King County Bridge Engineering group. Maintenance is provided to the structure as needed. King County recommended evaluation of the structure for rehabilitation vs. replacement. A study and alternatives analysis was performed in 2016 that recommended replacement of the bridge within the next 10 years.



Figure A: Existing Bridge

Funding Status:

There is no funding set aside for design or construction for a new bridge. Local dollars are included to research and evaluate funding alternatives for the bridge.

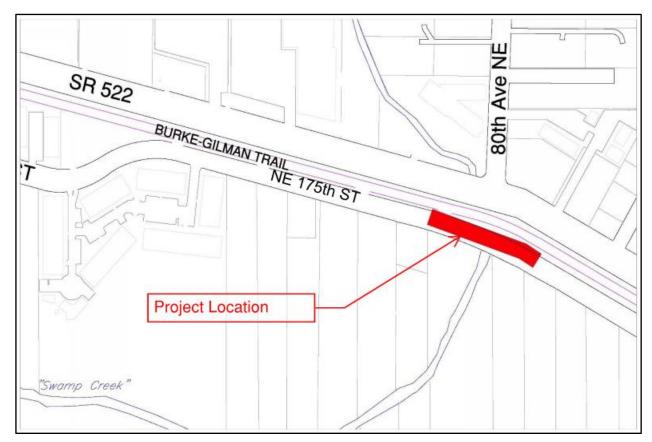


Figure B: Project Location



Project Name: NE 192nd St Sidewalks (73rd Ave – 75th Ave)

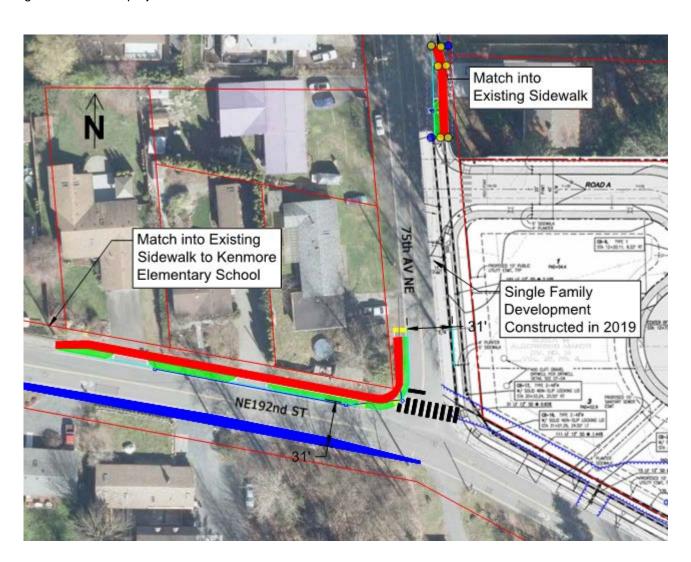
Project No.: T-27x

Project Location: NE 192nd Street between 73rd Ave NE and 75th Avenue NE.

Project Description: This project builds approximately 275 LF of new sidewalks on north side of NE192nd Street from 73^{rd} Ave -75^{th} Ave and approximately 75 LF of sidewalk on the east side of 75^{th} Ave NE to close the sidewalk gap.

Background: Sidewalk exists on NE 192nd Street at 73rd Avenue NE and terminates approximately 240 feet from 75th Ave NE. Approximately 500 LF of sidewalks were installed east of 75th Ave NE as part of private developments. Sidewalk also exists up 75th Ave NE. This project will close gaps and create a continuous sidewalk to Kenmore Elementary in this area. NE 192nd St is a designated walking route for Kenmore Elementary School students. Sidewalks at this location were identified as a high priority sidewalk in the Sidewalk Program.

Funding Sources: This project is currently unfunded. In May 2020, staff applied for a WSDOT Safe Route to Schools grant to fund this project. Grant results will be announced in the fall of 2020.





Project Name: Pavement Overlay Program

Project No.: T-35

Project Location: Citywide.

Project Description: This program includes grind and overlay of selected streets within the City. Typically grind and overlay projects are completed on roadways with pavement ratings between 60 and 70 while pavement seal operations are completed on roadways with ratings above 70. As part of any pavement overlay, curb ramps within the project limits are upgraded to comply with the American's with Disabilities Act (ADA). In addition, pavement overlay may also include major pavement repairs, utility adjustments and pavement markings.

Background: The City of Kenmore Comprehensive Plan promotes a fiscally constrained Transportation Element that prioritizes operation and maintenance of existing facilities within the City. Focus is typically on arterials within the City. In addition, there are 3 goals listed in the Comprehensive Plan that support this program:

- 1. Provide a complete transportation network serving local and regional circulation needs, safely accommodating all users;
- 2. Promote a transportation system that contributes to fiscal and environmental sustainability;
- 3. Facilitate freight mobility and economic prosperity.



Project Name: NE 181st St Sidewalks (61st Ave – 65th Ave)

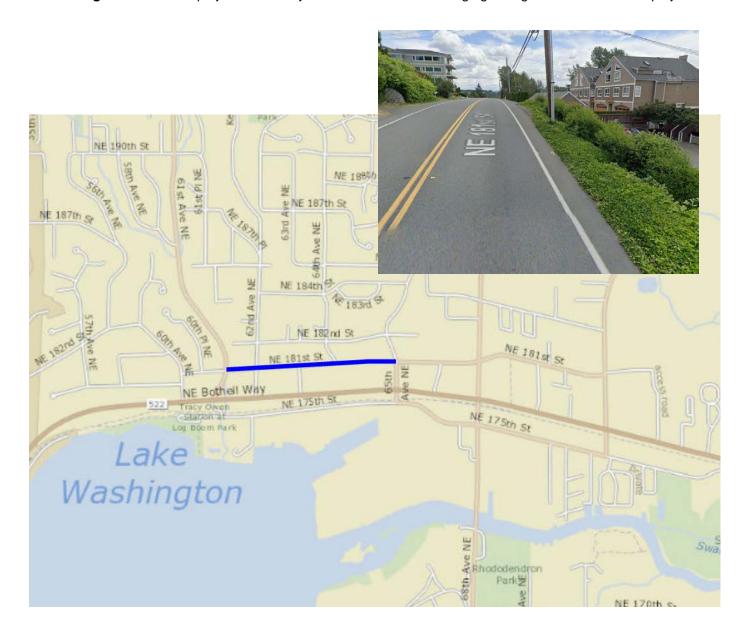
Project No.: T-27x

Project Location: NE 181st Street between 61st Ave NE and 65th Avenue NE.

Project Description: This project builds approximately 2,000 LF of new sidewalks on south side of NE 181st Street from 61st Ave – 65th Ave. Project will include undergrounding of utilities if funding is available.

Background: There are limited sidewalks and pedestrian facilities along this section of NE 181st. Adding sidewalk would provide a continuous sidewalk connection along NE 181st and connect the City's downtown area to the east to this community business zoned area. This sidewalk would provide connectivity to the neighborhood to the north with Downtown, City Hall, the library and other key public areas.

Funding Sources: This project is currently unfunded. Staff will leverage granting sources to fund this project.





Project Name: Burke-Gilman Trail/NE 175th St Wayfinding and Connectivity

Project No.: T-51

Project Location: NE 175th St

Project Description:

- 1. Install bike lanes between 65th Ave NE and 68th Ave NE.
- 2. Install green paint crossing treatments at 65th Ave NE and 68th Ave NE
- 3. Install wayfinding signs at the following locations:
 - a) 68th Ave NE intersection
 - b) Burke-Gilman Trail at 65th Ave NE
 - c) Burke-Gilman Trail just east of 73rd Ave NE
- 4. Install RRFB at 65th Ave NE intersection
- Install pedestrian scale lighting at the 65th Ave NE intersection

Background: In 2015, the Local Road Safety Plan was created to identify improvements to enhance safety for pedestrians and bicyclists. There is limited connectivity with the Burke-Gilman Trail and other pedestrian/bicycle areas within the City. New bike lanes and sidewalks are under construction along 68th Ave NE and Juanita Dr. NE 175th St. experiences regular industry related traffic. This project will address the risk factors associated with the mixing of zones between the regionally significant Burke Gilman Trail and 68th Ave NE.

Funding Sources: This project is funded by the WSDOT Ped/Bike Program grant.





Project Name: 84th Ave NE Sidewalks (145th St - 155th St)

Project No.: T-27x

Project Location: 84th Ave NE between 145th St and 155th St.

Project Description: This project builds approximately 2,100 LF of new sidewalks on west side of 84th Ave NE from NE 145th St – NE 155th St. Project will also include buffered bike lanes on both sides of the street.

Background: Sidewalk exists on the west side of 84th Ave NE at NE 155th St. and terminates approximately 500 feet south of NE 155th St. This project will extend the sidewalk south and create a continuous sidewalk to Moorlands Elementary in this area. 84th Ave NE is a designated walking route for Moorlands Elementary School students. Sidewalks at this location were identified as a high priority sidewalk in the Sidewalk Program left to be completed.

Funding Sources: This project is currently unfunded. Staff will leverage granting sources to fund this project.





Project Name: 84th Ave NE Sidewalks (155th St – Simonds Rd)

Project No.: T-27x

Project Location: 84th Ave NE between NE 155th St and Simonds Rd.

Project Description: This project builds approximately 1,500 LF of new sidewalks on west side of 84th Ave NE from NE 155th St to Simonds Rd. Project will also include buffered bike lanes on both sides of the street and reconfigure the southern intersection with Simonds Rd to reduce the crossing distance of 84th at this location.

Background: An extruded curb separated shoulder exists on the west side of 84th Ave NE separating pedestrians from the travel lane. A large "paved desert" exists at the northern end of this segment resulting in a long crossing and excess impervious surfacing. This project will reconfigure the southern intersection by removing the pavement and narrowing the crossing of 84th and extending sidewalk south to 155th St to connect to the existing sidewalk to Moorlands Elementary. 84th Ave NE is a designated walking route for Moorlands Elementary School students. Sidewalks at this location were identified as a high priority sidewalk in the Sidewalk Program left to be completed.

Funding Sources: This project is currently unfunded. Staff will leverage granting sources to fund this project.

