CITY OF KENMORE WASHINGTON RESOLUTION NO. 17-299

A RESOLUTION OF THE CITY COUNCIL OF KENMORE, WASHINGTON, ADOPTING THE 2018-2023 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 September 11, 2017, the City Council held a public hearing and took public comment on the proposed 2018-2023 Six-Year Transportation Improvement Program; and

WHEREAS, the City Council finds that the proposed 2018-2023 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 2018-2023 Six-Year Transportation Improvement Program for the City of Kenmore, attached as an Exhibit and incorporated by this reference, is approved and adopted.

Section 2. Filing of Program. 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 11TH DAY OF SEPTEMBER 2017.

CITY OF KENNIONE

avid Baker, Mayor

ATTEST/AUTHENTICATED:

Kelly Ohelin, City Clerk

APPROVED AS TO FORM:

Rod Kaseguma, City Attorney



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

2018-2023

September 11, 2017



CITY OF KENMORE

2018-2023 Transportation Improvement Program

															2010 2022			3.5	
Project name	Funding	P	rior Years		2018		2019		Year 2020		2021		2022		2023		018-2023 Totals	Pr	oject Totals
riojettilaine	Local	Ś	5,323,400	\$	59,900					CONTRACT				postanti i		\$	59,900	Merceller,	5,383,300
(61st to 65th)	Federal/State	- +	10,935,000	Ś	67,300											\$	67,300	\$	11,002,300
	Unsecured		10,555,000	~	0.,500											\$	-	\$	-
	Subtotal	15	16,258,400	\$	127,200	\$		\$		\$		\$	-	\$	-	\$	127,200	\$	16,385,600
SR 522 West B (57th to 61st)	Local	\$	10,230,400	Ť	127,200	_		7		_		Ť	_	Ť		\$	10.112211.1	\$	
	Federal/State	\$		_				\$	600,000	\$	7,400,000	\$	4.000,000			10.0	12,000,000	-	12,000,000
	Unsecured	\$				-		7	000,000	7	7,400,000	7	4,000,000			\$	-	Ś	-
	Subtotal	\$		\$		\$		\$	600,000	Ċ	7,400,000	\$	4.000.000	\$		-	12,000,000	\$	12,000,000
	Local	\$	238,019	\$	6,985	7		Ą	000,000	7	7,400,000	7	4,000,000	7		\$	6,985	\$	245,004
62nd Ave NE Corridor Improvements NE 181st St - NE 187th Place	Federal/State	\$	813.200	٦	0,565	_										\$	-	\$	813,200
	Unsecured	\$	013,200													\$		\$	013,200
		-	1.051.210	_	C 005	Ś		\$		\$		\$		\$		\$	6,985	\$	1,058,204
	Subtotal	\$	1,051,219	\$	6,985	>		Þ		Þ		Þ		þ	-	\$	10,640	\$	121,533
NE 202nd Street Sidewalk Improvements 66th Ave NE - NE 198th St	Local	\$	110,893	\$	10,640	-										\$	10,640	\$	1,314,056
	Federal/State	\$	1,314,056	#155. Re-10												\$		\$	1,514,030
	Unsecured	-				-		_		-		_		_		_	10.610	_	4 405 500
	Subtotal	\$	1,424,949	\$	10,640	_		\$		\$	-	\$		\$	10 m - 11	\$	10,640	\$	1,435,589
NE 153rd Place Sidewalk Improvements (South Side) Juanita Drive NE - 70th Ave NE	Local	\$	1,110	\$	13,240	\$	60,494			_		_				\$	73,734	\$	74,844
	Federal/State	\$	9,990	\$	119,160	\$	544,444			_		_				\$	663,604	\$	673,594
	Unsecured					_				_				_		\$	-	\$	
	Subtotal	\$	11,100	\$	132,400	\$	604,938	\$	-	\$	-	\$	-	\$	-	\$	737,338	\$	748,438
181st Sidewalk 65th-67th Streets	Local	\$	3,951	_	40,777	\$	218,045	\$	7,300	1						\$	266,122	\$	270,073
	Federal/State	\$	15,804	\$	81,368	\$	437,960									\$	519,328	\$	535,132
	Unsecured															\$	-	\$	-
	Subtotal	\$	19,755	\$	122,145	\$	656,005	\$	7,300	\$		\$		\$		\$	785,450	\$	805,205
NE Arrowhead Drive Sidewalks Improvements	Local					\$	6,100	\$	33,130	\$	47,773		A. A			\$	87,003	\$	87,003
	Federal/State															\$	-	\$	-
	Unsecured					\$	5,000	\$	99,670	\$	678,360					\$	783,030	\$	783,030
	Subtotal	\$		\$		\$	11,100	\$	132,800	\$	726,133	\$	-	\$	-	\$	870,033	\$	870,033
Overlay Program (Prior year Expenditures are as of 2016 only)	Local	\$	900,000	\$	450,000	\$	450,000	\$	450,000	\$	450,000	\$	450,000	\$	450,000	\$	2,700,000	\$	3,600,000
	Federal/State	\$	9 HOW - 12	\$	355,351								1.102			\$	355,351	\$	355,351
	Unsecured															\$	-	\$	To 32 40
	Subtotal	\$	900,000	\$	805,351	\$	450,000	\$	450,000	\$	450,000	\$	450,000	\$	450,000	\$	3,055,351	\$	3,955,351
West Sammamish River Bridge Replacement	Local	\$	281,828	\$	9,114	-	7,122	\$	5,250	\$	3,284,273	\$	181,413	Г	(2)	\$	3,487,172	\$	3,769,000
	Federal/State	\$	2,527,600	_	1,125,520	-		-	5,876,636	-			*			\$	18,536,394	\$	21,063,994
	Unsecured		_,=,=,,===	Ť	_,,	-	1,955,128		4,944,872	۲	,,					-	6,900,000	\$	6,900,000
	Subtotal	Ś	2.809.428	\$	1.134 634	<u> </u>	11,220,357	÷	10,826,758	5	5,560,404	Ś	181,413	5	_	Ś	28,923,566	\$	31,732,994



CITY OF KENMORE

2018-2023 Transportation Improvement Program

Project name	Funding	Year													1	2018-2023		
		Prior \	Years	2018		2019		2020		2021		2022	2023			Totals		oject Totals
Juanita Drive Pedestrian and Bicycle Improvements	Local	\$ 60	00,000	\$ 1,500,0	00 \$	1,450,000	\$	1,450,000					1251	NY CHARLES	\$	4,400,000	\$	5,000,000
	Federal/State										TA.				\$	-	\$	- 00
	Unsecured				9	3,866,000	\$	3,866,000					ilin,		\$	7,732,000	\$	7,732,000
	Subtotal	\$ 60	00,000	\$ 1,500,0	00 \$	5,316,000	\$	5,316,000	\$		\$		\$		\$	12,132,000	\$	12,732,000
68th Avenue NE Pedestrian and Bicycle Improvements	Local	\$ 35	50,000	\$ 887,0	00 \$	3,863,000									\$	4,750,000	\$	5,100,000
	Federal/State														\$	-	\$	(=)
	Unsecured			ŷ.											\$	-	\$	-
	Subtotal	\$ 35	50,000	\$ 887,0	00 5	3,863,000	\$	-	\$	-	\$	-	\$	(-)	\$	4,750,000	\$	5,100,000
	Local						160							100	\$	-	\$	- 1
	Federal/State		100										Žė.		\$	-	\$	•
SR 522 Pedestrian Crossing Study	Unsecured			\$ 282,5	00 \$	272,500	86								\$	555,000	\$	555,000
	Subtotal	\$	10 L	\$ 282,5	00	272,500	\$		\$		\$		\$		\$	555,000	\$	555,000
61st Ave Survey and Conceptual Plan	Local			\$ 90,0	00										\$	90,000	\$	90,000
	Federal/State														\$	-	\$	-
	Unsecured														\$	-	\$	-
	Subtotal	\$	-	\$ 90,0	00 \$	-	\$	-	\$	-	\$	-	\$	-	\$	90,000	\$	90,000
Sidewalk Gaps	Local			Market State		100,000	\$	100,000	\$	100,000	\$	100,000			\$	400,000	\$	400,000
	Federal/State										1			KOLANI.	\$		\$	- 14
	Unsecured												90		\$		\$	
	Subtotal	\$	-	\$ -	1	100,000	\$	100,000	\$	100,000	\$	100,000	\$		\$	400,000	\$	400,000



Project Name: SR 522 West A (61st to 65th Avenues NE Including 61st Avenue NE approaches)
Project No. T- 6

Project Location: NE Bothell Way (SR 522) from 61st to 65th Avenues NE,

including SR 522 / 61st Avenue NE north and south legs.

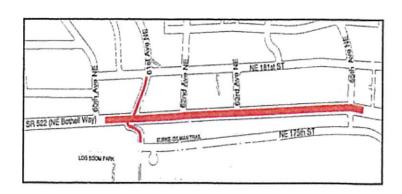
Project Manager: Kent Vaughan

Project Description: SR 522 West A project limits include SR 522 from 61st Avenue NE to 65th Avenue NE (0.5 Miles), and 61st Avenue NE from NE 175th Street to NE 181st Street. The West A project includes sidewalks (both sides), raised center median, widened travel and Business Access and Transit (BAT) lanes, additional turning lanes and signal improvements at 61st Avenue intersection, street and pedestrian lighting, re-channelized left/u turns at 61st, 64th and 65th Avenues, storm drainage and water quality improvements, landscaping, and utility undergrounding.

Background: The SR 522 West project was previously known as the SR 522 Phase 1, Stage 2 Project. SR 522 West project limits are 57th Avenue NE to 65th Avenue NE (0.7 Miles) in the City of Kenmore. SR 522 West project is divided into two phases, West A and West B. SR 522 West improvements are intended to improve vehicle and pedestrian safety and mobility.

Funding Status:

The West A project was constructed in 2015-16. Plant establishment and project close-out and associated costs will extend into the 2017-18 budget cycle.







Project Name: SR 522 West B (57th to 61st including Burke-

Gilman Trail Wall) Project No. T-8

Project Location: SR 522 from 57th Avenue NE to 61st Avenue NE.

Project Manager: Kent Vaughan

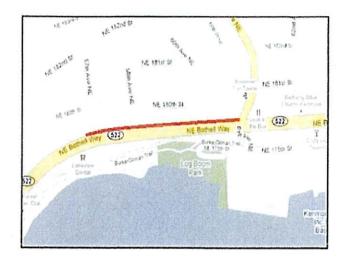
Project Description: This project would widen Highway 522 west of 61st Avenue NE to the south to provide dual eastbound to northbound left turn lanes at the 522/61st Avenue NE signal. The widening would require construction of a retaining wall along the north side of the Burke-Gilman Trail.

Background: This project is one of the components of the larger SR 522 West (a.k.a. Phase 1, Stage 2 Corridor Improvement) Project; now called West B. The addition of dual east to north turn lanes at the 522/61st Avenue NE signal would increase efficiency for all legs. West B improvements include sidewalk, roadway widening, drainage facilities, street lights, landscaping, and undergrounding utilities.

The West A Segment (NE 61st to 65th Streets including north and south approaches) was constructed in 2015-16. Right of way acquisition for West B generally consists of utility and temporary construction easements and will be conducted once the design is confirmed.

Funding Status:

This project is fully funded by the Washington State LEAP Transportation Bill (2016).







Project Name: 62nd Ave NE Corridor Project

Project No. T- 27

Project Location(s):

62nd Avenue NE between SR522 (Bothell Way) and NE 187th Place

Project Manager: John Vicente

Project Description: This project will enhance mobility and safety by installing a 5-6 wide sidewalk (on the east side of the street) and up to three traffic circles on 62nd Avenue NE from SR 522 to NE 187th Place. Sharrows will be added to the roadway within project limits for an improved bicycle facility.

Background: The project is located on a local road that accesses highway 522. The street is posted for 25 MPH, but the 85th percentile speed is about 32 MPH. Average Daily traffic (ADT) on this roadway is approximately 1200 vehicles per day. This project is designed to enhancing pedestrian and bicycle safety and mobility along the 62nd Avenue NE Corridor, where a pedestrian was struck and killed by a vehicle in 2013.

Funding Status:

This project is largely funded through the State's Highway and Safety Improvement Program with matching fund contributions from the Sidewalk Program fund.







Project Name: NE 202nd Street Sidewalk Project Project No. T- 27

Project Location(s):

NE 202nd St between NE 198th Street and 66th Avenue NE 66th Avenue NE between NE 202nd Street and Kenmore Junior High School:

Project Manager: John Vicente

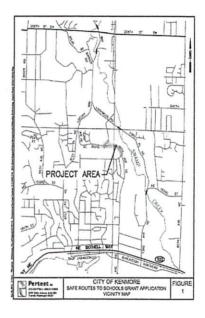
Project Description: Proposed improvements along NE 202nd St. between NE 198th St. and 66th Ave NE include the construction of sidewalk along the west side of the roadway providing a continuous pedestrian facility to Kenmore Junior High School. The proposed typical roadway section will consist of travel lanes, a bike lane/shoulder on the west side, and a sidewalk on the west side. There will be a new marked pedestrian crossing (north/south) at the NE 202nd St. & 66th Ave NE intersection bringing pedestrians to the NE corner of the intersection. There will also be a new marked pedestrian crossing (east/west) across 66th Ave NE at the intersection bringing pedestrians to/from the west side of 66th Ave NE. A bus pad will be installed approximately 50 feet east of the intersection to provide lift accessibility to the existing eastbound METRO stop. Improvements along 66th Ave NE include a new 5' sidewalk along the west side of the roadway extending from NE 202nd St. to Kenmore Junior High School. Both NE 202nd St. and 66th Ave NE will be restriped to accommodate the proposed channelization.

Background: The proposed improvements along the project corridor will help the City of Kenmore take another step towards completing the key pedestrian corridor linking the central business district, neighborhoods, and Kenmore Junior High School. The City of Kenmore conducted a study in 2008 of the 68th Avenue NE/202nd Street corridor, which extends both to the south and north of the proposed project area, and identified it as a key pedestrian safety corridor. Since that study was completed the City, with support of grant agencies, has systematically been completing the improvements required along the corridor. This section of 202nd St NE from NE 198th St. will significantly improve the pedestrian access and safety for all users, especially the students walking to/from Kenmore Junior High. The project will also add bike facilities along the roadway improving access to all users.

Funding Status:

This project will be funded using grant funds plus matching fund contributions from the Sidewalk Program Fund.







Project Name: NE 153rd Place Sidewalks

Project Location: NE 153rd Place between Juanita Drive and 70th Avenue NE

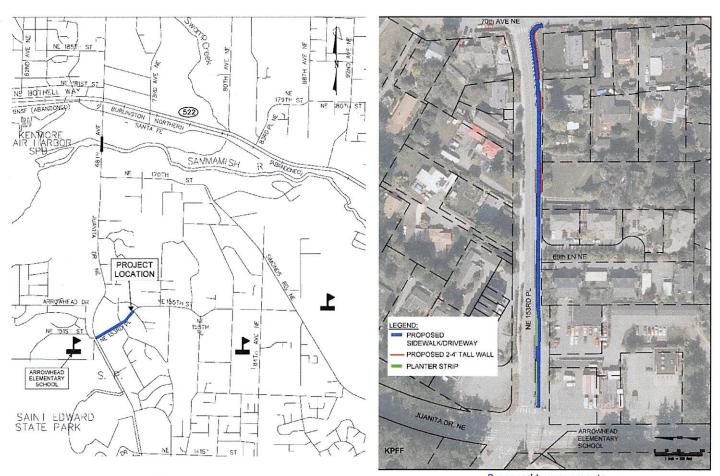
Project Manager: Kent Vaughan

Project Description: This project builds new sidewalks on south side of NE 153rd Place from Juanita Drive to 70th

Avenue NE.

Background: The south side of NE 153r Place currently 2-foot to 6-foot+ wide shoulders for pedestrian use. NE 153rd Ave NE is a designated walking route for Arrowhead Elementary School students. Sidewalks along this road were identified as a priority during the neighborhood meetings held for this area as part of the Neighborhood Transportation Program Plan.

Funding Sources: This project was awarded a Safe Routes to Schools grant.



Project Location

Proposed Improvements



Project Name: 181st Street Sidewalks

Project Location: NE 181st Street between 65th Avenue NE and 67th Avenue NE

Project Manager: John Vicente

Project Description: This project builds new sidewalks on north side of NE 181st Street between 65th Avenue NE and 67th Avenue NE. Project may also include on-street parking, roadway and pedestrian lighting.

Background: NE 181st St. sidewalk varies from 5-foot wide to 3-foot wide and asphalt shoulder in some locations. Sidewalks have obstructions and curb ramps do not meet American's with Disabilities Act (ADA). This segment of sidewalk is the remaining portion on NE 181st Street within the City's downtown to need sidewalks/ADA upgrades.

Funding Sources: This project was awarded Transportation Improvement Board (TIB) funds.

Proposed Improvements:





Project Name: NE Arrowhead Drive Sidewalks

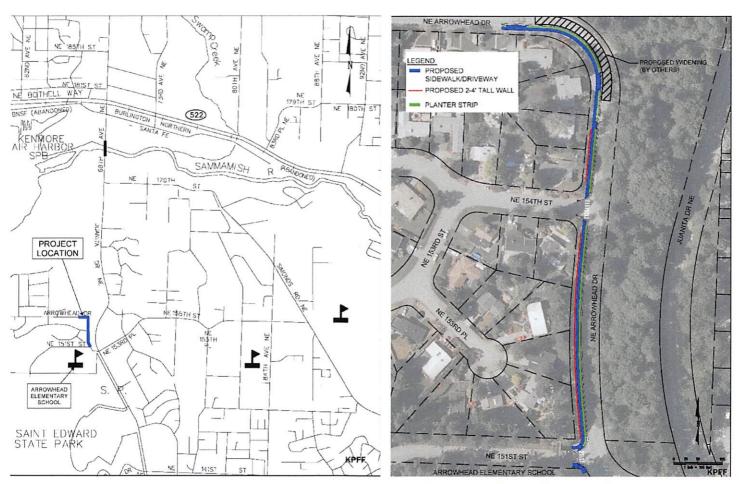
Project Location: NE Arrowhead Drive between NE 151st Street and approximately 1000 feet north.

Project Manager: To Be Determined

Project Description: This project builds new sidewalks on west side of NE Arrowhead drive from the Arrowhead Elementary to approximately 1000 feet north.

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.

Funding Sources: This project is currently unfunded. Grants will be sought to fund this project.



Project Location

Proposed Improvements



Project Name: West Sammamish River Bridge Replacement Project

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

and NE 175th Street.

Project Manager: John Vicente

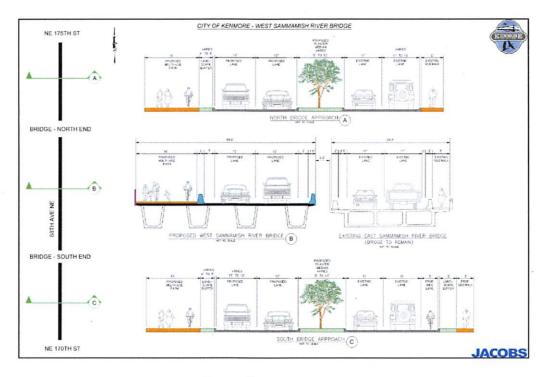
Project Description: Replace the West Sammamish River Bridge (southbound traffic) that crosses the Sammamish River on 68th Ave NE. The project will also include new sidewalk and bike path, landscaping, lighting, and utility undergrounding on 68th Ave NE between NE 170th St. and NE 175th St.

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, and \$8M in Connecting Washington funds. Additional funding sources will be sought to complete the project funding.



Project Location





Project Name: Juanita Drive Pedestrian and Bicycle Improvements

Project Location: Juanita Drive NE (143rd St to NE 170th St)

Project Manager: Kent Vaughan

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

- Sidewalk along the east side of Juanita Drive 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;
- · Adding or extending left turn lanes where warranted;
- Pedestrian crossing treatments to improve nonmotorized safety, connectivity, and comfort;
- · Sidewalk improvements on side streets to connect to proposed improvements on Juanita Drive;
- · Improved corridor drainage, street lighting and aesthetics and;
- Utility relocation and/or retaining structures, where necessary.

Background: Juanita Drive 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, substandard horizontal and vertical curves, and excessive superelevation. Up to 250 bicycles and 15,000 vehicles use this corridor daily.

Funding Status: This project is partially funded. In November 2016, the citizens of Kenmore voted to pass a public bond measure to begin design work on Juanita Drive NE in 2017 and provide matching funds to pursue State and Federal grant opportunities to fund the right-of-way and construction phases of the project.



Existing Conditions on Juanita Drive



Rendering of cross section concept courtesy of the City l of Kirkland



Project Name: 68th Avenue NE Pedestrian and Bicycle Improvements

Project Location: 68th Ave NE and NE 202nd St

Segment a: West side of 68th Ave NE from NE 182nd St to NE 185th St

Segment b: East side of 68th Ave NE from NE 185th St to existing sidewalk

Segment c: West side of 68th Ave NE from NE 185th St to NE 201St St

Segment d: North side of NE 202nd St from 66th Ave NE to 61St Ave NE

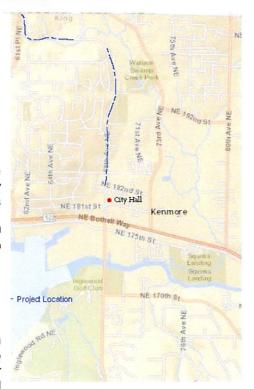
Project Manager: Kent Vaughan

Project Description: This project provides for continuous ADA accessible sidewalk and bike lanes on 68th Avenue NE and NE 202nd Streets respectively between NE 182nd Street and 61st Avenue NE. Specific project components include:

- Sidewalk along the west side of 68th Avenue NE / north side of NE 202nd Street. Sidewalk gap will also be completed on the east side of 68th Avenue NE from NE 185th Street to existing sidewalk.
- Bike lanes on the east and west side of 68th Avenue NE;
- · Improved corridor drainage and street lighting and;
- Utility relocation and/or retaining structures, where necessary.

Background: 68th Ave NE is a collector arterial roadway that runs north/south through the City of Kenmore. 68th Avenue NE serves a primary connector to Downtown Kenmore and City Hall for residences to the north and Kenmore Junior High School. This roadway consists of one travel lane in each direction and intermittent asphalt shoulders. The posted speed is 35 mph.

Funding Sources: In November 2016, the citizens of Kenmore voted to pass a public bond measure to provide funding for this sidewalk/bicycle improvement project. Grants will also be sought to fund this project.



Existing Conditions:









Project Name: SR 522 Crossing Study

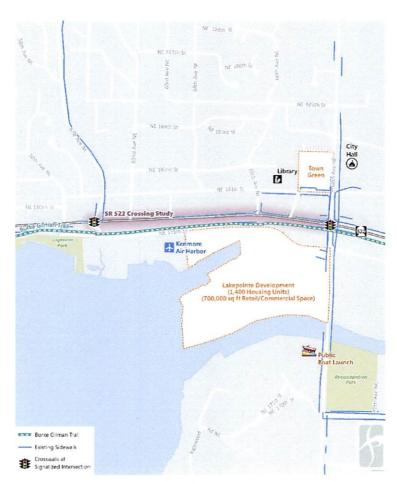
Project Location: State Route 522 between 61st Ave NE and 68th Ave NE.

Project Manager: To Be Determined

Project Description: Type, size, and location study to evaluate potential crossing locations of SR 522 between 61st and 68th Avenues. The alternatives will include both grade-separation and at-grade crossing improvements. All facilities analyzed will consider walking and biking as priority modes.

Background: SR 522 currently has signalized crossings located at 68th Ave NE and 61st Ave NE, and no other safe crossings are located between these two intersections, a distance of over 0.5 mile. The north side of SR 522 is composed of several commercial businesses, a mix of single and multi-family housing, the City's downtown and other community destinations (post office, public library, City Hall, parks, etc.). The south side of SR 522 has the Burke-Gilman trail (a regional trail serving several cities and connecting many communities), Kenmore Air, and the future Lakepointe Development (a multifamily/commercial development on 40 acres of lake front property). The proposed crossing would help to connect Downtown Kenmore, community destinations, and the many businesses and residences north of SR 522 with the proposed Lakepointe development, the Burke-Gilman Trail, and Kenmore's waterfront. SR 522 currently serves as a major barrier for north-south mobility in Kenmore, particularly for bicycle and pedestrian travel.

Funding Sources: This project is currently unfunded. Grants will be sought to fund this project.



Study Area



Project Name: 61st Avenue Survey and Conceptual Plan

Project Location: 61st Avenue NE (NE 190th Street north)

Project Manager: To Be Determined

Project Description: This project would survey and evaluate NE 61st Avenue for improved sidewalks and intersection control at NE 193rd Street.

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. This project would survey the corridor and prepare alternatives to improve mobility

for all users.

Existing Conditions: Traffic volumes on 61st Avenue NE will continue to increase as regional traffic grows. The intersection at 61st Avenue and NE 193rd Street is to be evaluated for improved mobility as well as the 61st Avenue corridor, north to City limits.

Funding Sources: This project would be funded with City resources.

