

**CITY OF KENMORE  
WASHINGTON  
RESOLUTION NO. 18-309**

**A RESOLUTION OF THE CITY COUNCIL OF KENMORE,  
WASHINGTON, ADOPTING THE 2019-2024 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 18, 2018, the City Council held a public hearing and took public comment on the proposed 2019-2024 Six-Year Transportation Improvement Program; and

WHEREAS, the City Council finds that the proposed 2019-2024 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;

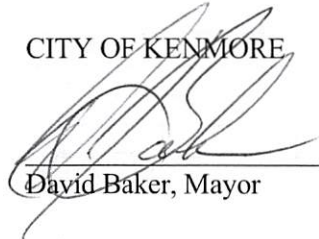
NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF KENMORE, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. Program Adopted. The 2019-2024 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 18<sup>TH</sup> DAY OF JUNE 2018.


CITY OF KENMORE

  
\_\_\_\_\_  
David Baker, Mayor

ATTEST/AUTHENTICATED:

  
\_\_\_\_\_  
Kelly Chelin, City Clerk

APPROVED AS TO FORM:

  
\_\_\_\_\_  
Rod Kaseguma, City Attorney



**CITY OF KENMORE**

**6-Year TRANSPORTATION IMPROVEMENT  
PROGRAM (TIP)**

**2019-2024**

June 18, 2018



# CITY OF KENMORE

## 2019-2024 Transportation Improvement Program

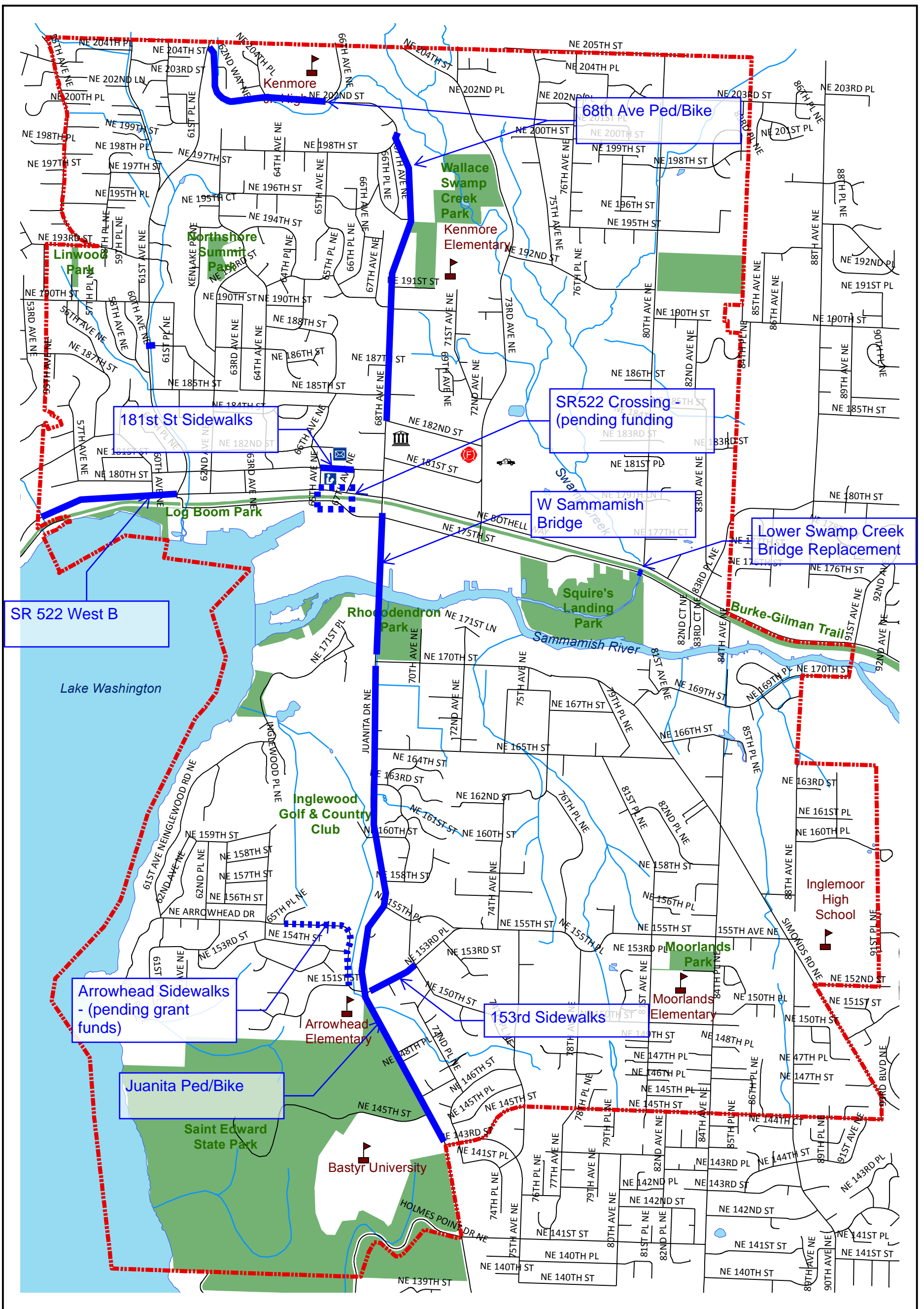
Project name	Funding	Year							2019-2024 Totals	Project Totals
		Prior Years	2019	2020	2021	2022	2023	2024		
SR 522 West B (57th to 61st)	Local	\$ -							\$ -	\$ -
	Federal/State	\$ -		\$ 600,000	\$ 7,400,000	\$ 4,000,000			\$ 12,000,000	\$ 12,000,000
	Unsecured	\$ -			\$ 1,000,000				\$ 1,000,000	\$ 1,000,000
	Subtotal	\$ -	\$ -	\$ 600,000	\$ 8,400,000	\$ 4,000,000	\$ -	\$ -	\$ 13,000,000	\$ 13,000,000
NE 153rd Place Sidewalk Improvements (South Side) Juanita Drive NE - 70th Ave NE	Local		\$ 74,844						\$ 74,844	\$ 74,844
	Federal/State	\$ 135,938	\$ 537,656						\$ 537,656	\$ 673,594
	Unsecured								\$ -	\$ -
	Subtotal	\$ 135,938	\$ 612,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 612,500	\$ 748,438
181st Sidewalk 65th-67th Streets	Local	\$ 38,994	\$ 231,079						\$ 231,079	\$ 270,073
	Federal/State	\$ 84,798	\$ 450,334						\$ 450,334	\$ 535,132
	Unsecured								\$ -	\$ -
	Subtotal	\$ 123,792	\$ 681,413	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 681,413	\$ 805,205
NE Arrowhead Drive Sidewalks Improvements	Local		\$ 19,500	\$ 98,718					\$ 118,218	\$ 118,218
	Federal/State								\$ -	\$ -
	Unsecured		\$ 175,500	\$ 888,463					\$ 1,063,963	\$ 1,063,963
	Subtotal	\$ -	\$ 195,000	\$ 987,181	\$ -	\$ -	\$ -	\$ -	\$ 1,182,181	\$ 1,182,181
Overlay Program (Prior year Expenditures are as of 2016 only)	Local	\$ 1,450,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 3,300,000	\$ 4,750,000
	Federal/State	\$ -		\$ 355,351					\$ 355,351	\$ 355,351
	Unsecured				\$ 65,776	\$ 745,338			\$ 811,114	\$ 811,114
	Subtotal	\$ 1,450,000	\$ 550,000	\$ 905,351	\$ 615,776	\$ 1,295,338	\$ 550,000	\$ 550,000	\$ 4,466,465	\$ 5,916,465
West Sammamish River Bridge Replacement	Local	\$ 224,818			\$ 3,264,786	\$ 238,060	\$ 20,668	\$ 20,668	\$ 3,544,182	\$ 3,769,000
	Federal/State	\$ 3,967,572	\$ 11,539,791	\$ 10,083,265	\$ 3,895,366				\$ 25,518,422	\$ 29,485,994
	Unsecured								\$ -	\$ -
	Subtotal	\$ 4,192,390	\$ 11,539,791	\$ 10,083,265	\$ 7,160,152	\$ 238,060	\$ 20,668	\$ 20,668	\$ 29,062,604	\$ 33,254,994
Juanita Drive Pedestrian and Bicycle Improvements	Local	\$ 2,095,149	\$ 1,933,342	\$ 618,090	\$ 353,419				\$ 2,904,851	\$ 5,000,000
	Federal/State	\$ 525,600							\$ -	\$ 525,600
	Unsecured			\$ 6,325,000	\$ 1,754,080				\$ 8,079,080	\$ 8,079,080
	Subtotal	\$ 2,620,749	\$ 1,933,342	\$ 6,943,090	\$ 2,107,499	\$ -	\$ -	\$ -	\$ 10,983,931	\$ 13,604,680
68th Avenue NE Pedestrian and Bicycle Improvements	Local	\$ 1,087,655	\$ 5,601,265	\$ 1,807,080					\$ 7,408,345	\$ 8,496,000
	Federal/State								\$ -	\$ -
	Unsecured								\$ -	\$ -
	Subtotal	\$ 1,087,655	\$ 5,601,265	\$ 1,807,080	\$ -	\$ -	\$ -	\$ -	\$ 7,408,345	\$ 8,496,000
SR 522 Crossing Study	Local								\$ -	\$ -
	Federal/State		\$ 250,000	\$ 250,000					\$ 500,000	\$ 500,000
	Unsecured								\$ -	\$ -
	Subtotal	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000



# CITY OF KENMORE

## 2019-2024 Transportation Improvement Program

Project name	Funding	Year							2019-2024 Totals	Project Totals
		Prior Years	2019	2020	2021	2022	2023	2024		
Lower Swamp Creek Bridge Replacement	Local								\$ -	\$ -
	Federal/State								\$ -	\$ -
	Unsecured						\$ 404,000	\$ 404,000	\$ 808,000	\$ 808,000
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 404,000	\$ 404,000	\$ 808,000	\$ 808,000
Sidewalk Gaps	Local		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000	\$ 600,000
	Federal/State								\$ -	\$ -
	Unsecured								\$ -	\$ -
	Subtotal	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000	\$ 600,000



### Legend

- City Boundary
- Parks
- ▲ Schools
- Ⓡ Fire
- Streets
- City Hall
- ✉ Post Office
- 📖 Library
- 🚲 Ped/Bike
- 🚓 Police

## City of Kenmore

### Project Map

April 25, 2018

This map is intended for display purposes only and is not guaranteed to show accurate measurements or sidewalk information.













## City of Kenmore Transportation Improvement Program

### Project Name: 181<sup>st</sup> Street Sidewalks

**Project Location:** NE 181<sup>st</sup> Street between 65<sup>th</sup> Avenue NE and 67<sup>th</sup> Avenue NE

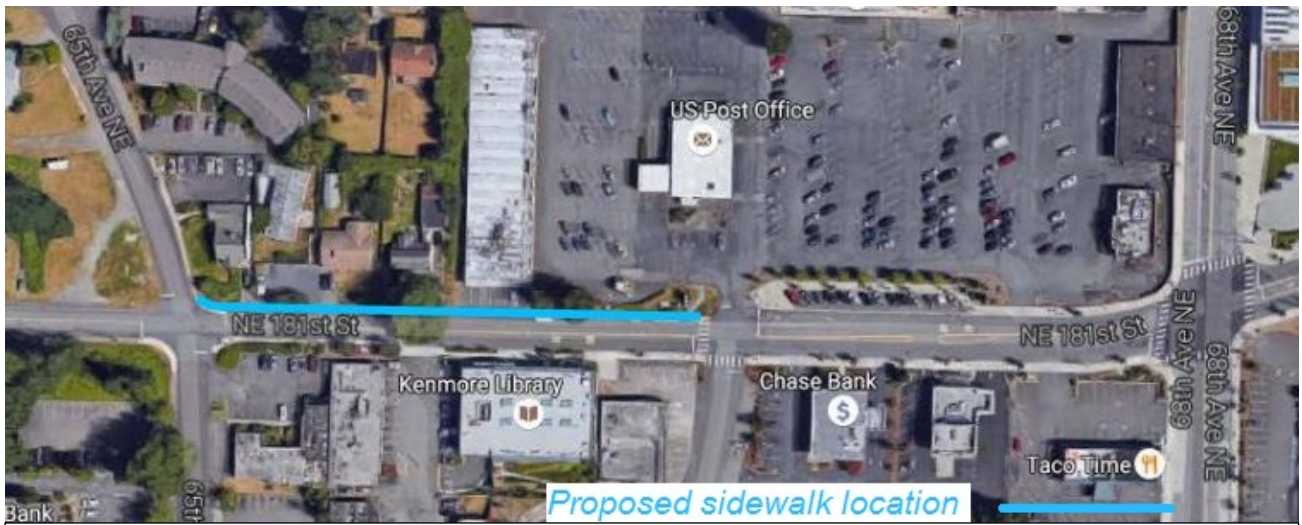
**Project Manager:** Kent Vaughan

**Project Description:** This project builds new sidewalks on north side of NE 181<sup>st</sup> Street between 65<sup>th</sup> Avenue NE and 67<sup>th</sup> Avenue NE. Project also includes on-street parking, landscaping, and roadway and pedestrian lighting.

**Background:** NE 181<sup>st</sup> 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 181<sup>st</sup> Street within the City's downtown to need sidewalks/ADA upgrades.

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

### Proposed Improvements:



Existing Conditions







# City of Kenmore Transportation Improvement Program

## Project Name: NE Arrowhead Drive Sidewalks

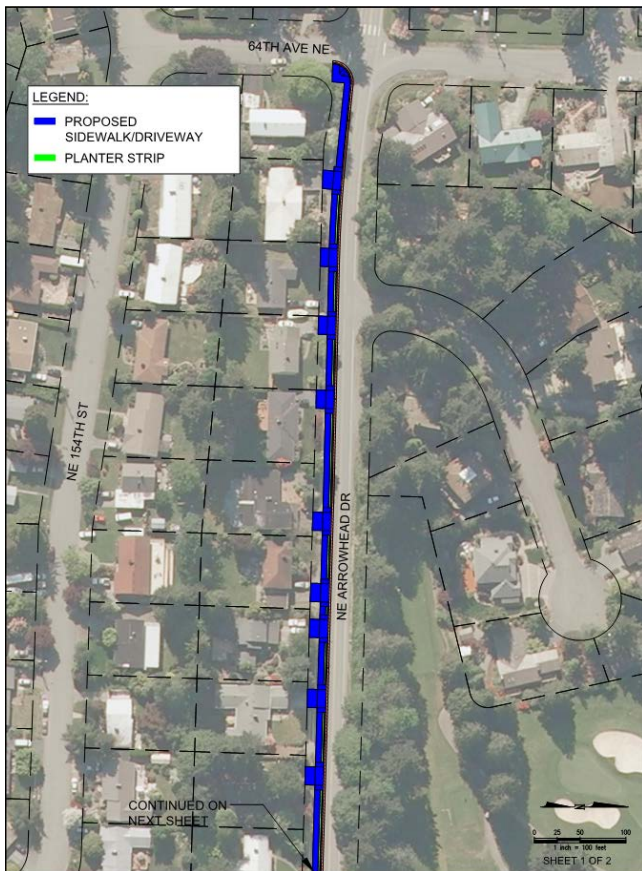
**Project Location:** NE Arrowhead Drive between NE 151<sup>st</sup> Street and 64<sup>th</sup> Avenue NE.

**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.



*Proposed Improvements*



## City of Kenmore Transportation Improvement Program

### Project Name: Overlay Program

**Project Location:** Various Locations.

**Project Manager:** To be determined

**Project Description:** This program typically consists of grinding and overlaying a stretch of roadway that falls within a pavement rating between 60 and 70 and crack and roadway seals for ratings between 70 and 80. This program also involves upgrading curb ramps to meet with the American's with Disabilities Act (ADA), major pavement repairs, adjusting utilities, and reestablishing 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.





# City of Kenmore Transportation Improvement Program

## Project Name: West Sammamish River Bridge Replacement Project

**Project Location:** 68<sup>th</sup> Avenue NE between NE 170<sup>th</sup> Street and NE 175<sup>th</sup> Street.

**Project Manager:** John Vicente

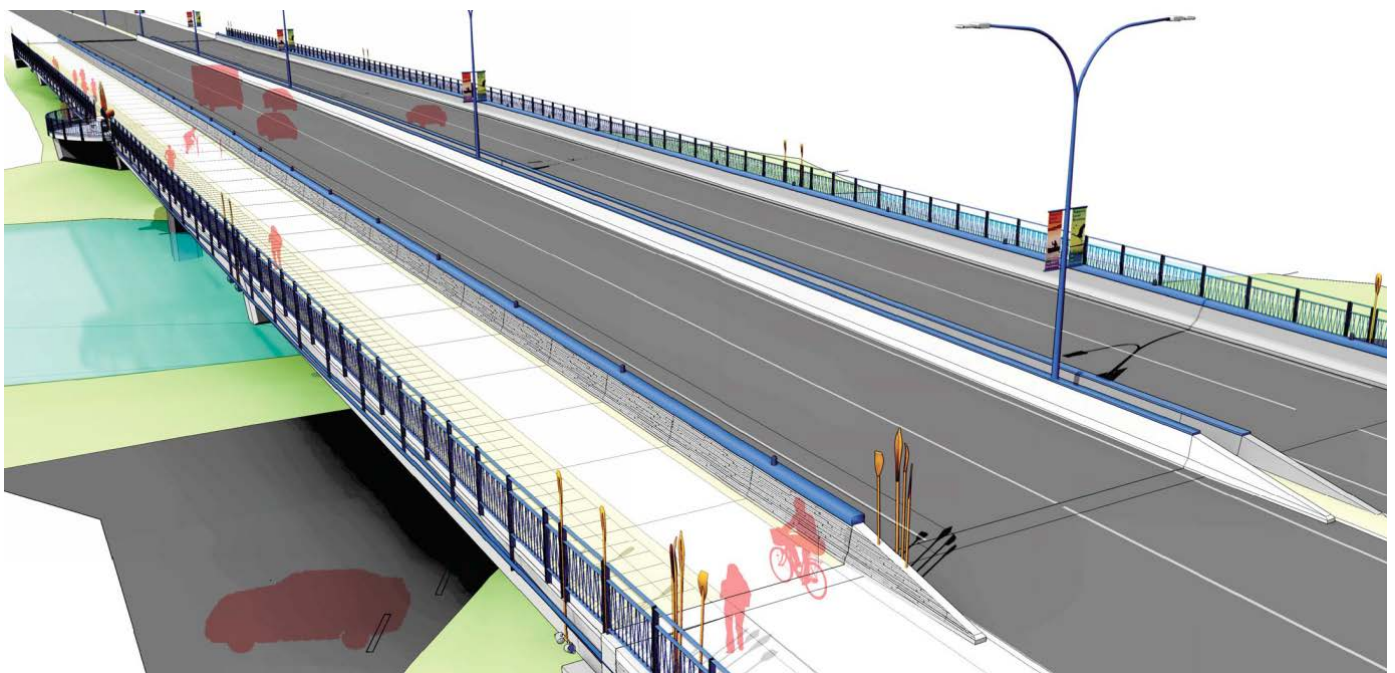
**Project Description:** Replace the West Sammamish River Bridge (southbound traffic) that crosses the Sammamish River on 68<sup>th</sup> Ave NE. The project will also include new sidewalk and bike path, landscaping, lighting, and utility undergrounding on 68<sup>th</sup> Ave NE between NE 170<sup>th</sup> St. and NE 175<sup>th</sup> 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, \$8M in Connecting Washington funds, and \$6.9M in TIB funds.



*Project Location*



*Proposed Improvements*





## City of Kenmore Transportation Improvement Program

### Project Name: Juanita Drive Pedestrian and Bicycle Improvements

**Project Location:** Juanita Drive NE (143<sup>rd</sup> 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 143<sup>rd</sup> 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 as needed 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. \$525K in Pedestrian and Bicycle Program grant funds have been awarded. Additional grants will be pursued to fund this project.



*Existing Conditions on Juanita Drive*



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



## City of Kenmore Transportation Improvement Program

### Project Name: 68<sup>th</sup> Avenue NE Pedestrian and Bicycle Improvements

**Project Location:** 68<sup>th</sup> Ave NE and NE 202<sup>nd</sup> St

**Segment a:** West side of 68<sup>th</sup> Ave NE from NE 182<sup>nd</sup> St to NE 185<sup>th</sup> St

**Segment b:** East side of 68<sup>th</sup> Ave NE from NE 185<sup>th</sup> St to existing sidewalk

**Segment c:** West side of 68<sup>th</sup> Ave NE from NE 185<sup>th</sup> St to NE 201<sup>st</sup> St

**Segment d:** North side of NE 202<sup>nd</sup> St from 66<sup>th</sup> Ave NE to 61<sup>st</sup> Ave NE

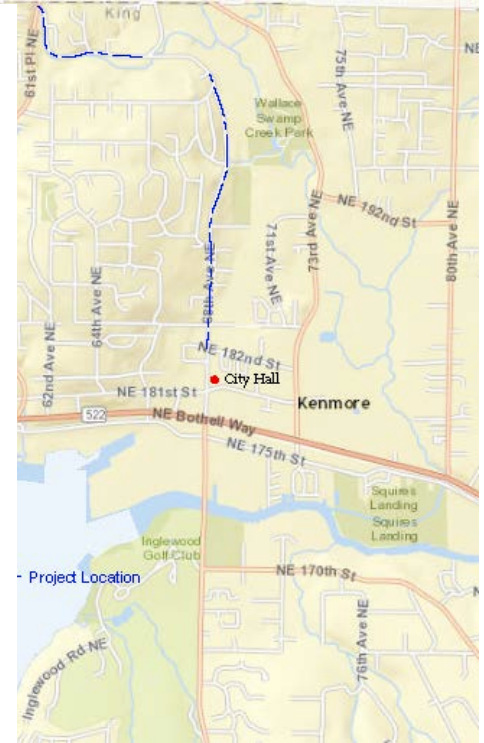
**Project Manager:** Kent Vaughan

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

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

**Background:** 68<sup>th</sup> Ave NE is a collector arterial roadway that runs north/south through the City of Kenmore. 68<sup>th</sup> Avenue NE serves a primary connector to Downtown Kenmore and City Hall for residences to the north and Kenmore Middle 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:







# City of Kenmore Transportation Improvement Program

## Project Name: SR 522 Crossing Study

**Project Location:** State Route 522 between 61<sup>st</sup> Ave NE and 68<sup>th</sup> Ave NE.

**Project Manager:** John Vicente

**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 funded with \$500K of State appropriated funds.



Study Area





# City of Kenmore Capital Improvement Program

## Project Name: Lower Swamp Creek Bridge Replacement

**Project Location:** NE 175<sup>th</sup> Street/Swamp Creek Crossing

**Project Manager:** To be determined

**Project Description:** The bridge over Swamp Creek at NE 175<sup>th</sup> Street is aged and in need of replacement.

**Background:** This structure is on NE 175<sup>th</sup> 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, our Bridge Engineering team. Maintenance is provided to the structure as needed. The City's Bridge Inspection Team 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.

**Funding Status:**

There is no funding set aside for design or construction for a new bridge. Applications for Bridge Program funds will be made if matching funds are made available.



Figure A: Existing Bridge

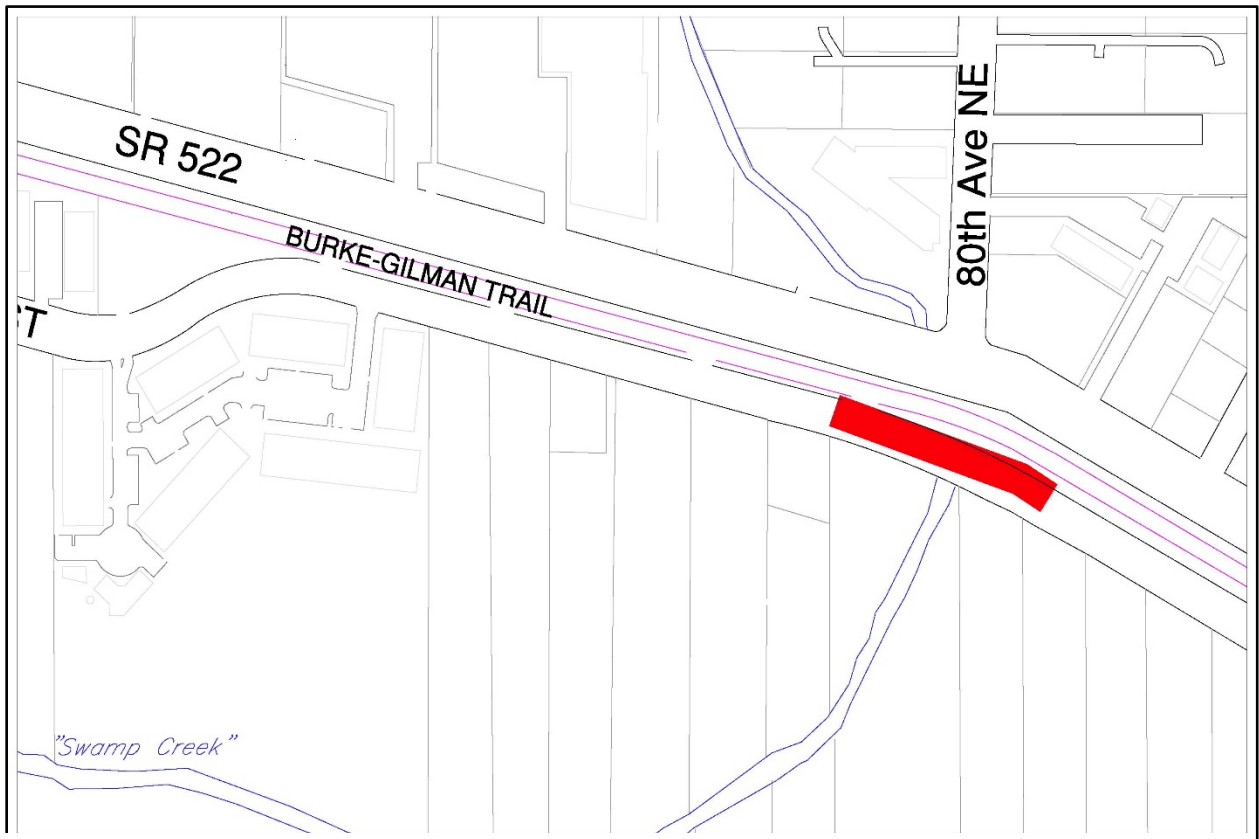


Figure B: Project Location



# City of Kenmore Transportation Improvement Program

## Project Name: Sidewalk Gaps

**Project Location:** Various Locations

**Project Manager:** To be determined

**Project Description:** This project fill in gaps within the sidewalk network and replaced sidewalk panels that restrict access. Funds will be used to fill/replace sidewalk panels at locations that maximize the available funding.

**Background:** After completion of the sidewalk/curb ramp inventory, several sidewalk gaps and non-accessible sidewalk areas were noted.

**Funding Sources:** \$100K per year of local funds are allocated to this project.



Figure A