



CITY OF KENMORE

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

2023-2028

June 21, 2022



CITY OF KENMORE

2023-2028 Transportation Improvement Program

Project name	Funding	Year							2023-2028 Totals	Project Totals
		Prior Years	2023	2024	2025	2026	2027	2028		
SR 522 West B (West boundary to 61st Ave NE)	Local	\$ -							\$ -	\$ -
	Federal/State	\$ 1,000	\$ 250,000	\$ 250,000	\$ 1,485,000	\$ 14,000			\$ 1,999,000	\$ 2,000,000
	Unsecured	\$ -		\$ 250,000	\$ 2,000,000	\$ 2,000,000			\$ 4,250,000	\$ 4,250,000
	Subtotal	\$ 1,000	\$ 250,000	\$ 500,000	\$ 3,485,000	\$ 2,014,000	\$ -	\$ -	\$ 6,249,000	\$ 6,250,000
West Sammamish River Bridge Replacement	Local (incl. Utilities)	\$ 3,783,560	\$ 662,314	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 176,005	\$ 979,119	\$ 4,762,679
	Federal/State	\$ 38,063,994							\$ -	\$ 38,063,994
	Unsecured								\$ -	\$ -
	Subtotal	\$ 41,847,554	\$ 662,314	\$ 35,200	\$ 35,200	\$ 35,200	\$ 35,200	\$ 176,005	\$ 979,119	\$ 42,826,673
68th Avenue NE Pedestrian and Bicycle Improvements	Local (incl. Utilities)	\$ 12,337,466	\$ 40,000						\$ 40,000	\$ 12,377,466
	Federal/State	\$ 1,054,950							\$ -	\$ 1,054,950
	Unsecured								\$ -	\$ -
	Subtotal	\$ 13,392,416	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 13,432,416
Juanita Drive Pedestrian and Bicycle Improvements	Local (incl. Utilities)	\$ 11,098,197	\$ 100,000						\$ 100,000	\$ 11,198,197
	Federal/State	\$ 5,676,350							\$ -	\$ 5,676,350
	Unsecured								\$ -	\$ -
	Subtotal	\$ 16,774,547	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 16,874,547
Pavement Preservation Program	Local	\$ 8,738,857	\$ 1,071,489	\$ 990,000	\$ 150,000	\$ 990,000	\$ 150,000	\$ 990,000	\$ 4,341,489	\$ 13,080,346
	Federal/State	\$ 355,351							\$ -	\$ 355,351
	Unsecured								\$ -	\$ -
	Subtotal	\$ 9,094,208	\$ 1,071,489	\$ 990,000	\$ 150,000	\$ 990,000	\$ 150,000	\$ 990,000	\$ 4,341,489	\$ 13,435,697
ADA Transition Program (Park of Sidewalk Gap/ADA Replacement Program)	Local	\$ 98,606	\$ 400,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000	\$ 798,606
	Federal/State								\$ -	\$ -
	Unsecured								\$ -	\$ -
	Subtotal	\$ 98,606	\$ 400,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 700,000	\$ 798,606
61st Ave NE Sidewalk Replacement Project	Local	\$ 100,000	\$ 21,988	\$ 30,000					\$ 51,988	\$ 151,988
	Federal/State	\$ 145,946	\$ 150,000	\$ 4,518,319	\$ 50,000				\$ 4,718,319	\$ 4,864,265
	Unsecured								\$ -	\$ -
	Subtotal	\$ 245,946	\$ 171,988	\$ 4,548,319	\$ 50,000	\$ -	\$ -	\$ -	\$ 4,770,307	\$ 5,016,253
Lower Swamp Creek Bridge Replacement	Local	\$ 23,218	\$ 25,000						\$ 25,000	\$ 48,218
	Federal/State								\$ -	\$ -
	Unsecured				\$ 175,000	\$ 200,000	\$ 2,200,000		\$ 2,575,000	\$ 2,575,000
	Subtotal	\$ 23,218	\$ 25,000	\$ -	\$ 175,000	\$ 200,000	\$ 2,200,000	\$ -	\$ 2,600,000	\$ 2,623,218
Sidewalk Program (Park of Sidewalk Gap/ADA Replacement Program)	Local	\$ 327,978	\$ 25,000		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 225,000	\$ 552,978
	Federal/State								\$ -	\$ -
	Unsecured								\$ -	\$ -



CITY OF KENMORE

2023-2028 Transportation Improvement Program

Project name	Funding	Year							2023-2028 Totals	Project Totals
		Prior Years	2023	2024	2025	2026	2027	2028		
	Subtotal	\$ 327,978	\$ 25,000	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 225,000	\$ 552,978
80th Ave NE (NE 179-NE 185th) Sidewalks	Local								\$ -	\$ -
	Federal/State								\$ -	\$ -
	Unsecured		\$ 1,000	\$ 160,590	\$ 160,590	\$ 1,629,475	\$ 15,000		\$ 1,966,655	\$ 1,966,655
	Subtotal	\$ -	\$ 1,000	\$ 160,590	\$ 160,590	\$ 1,629,475	\$ 15,000	\$ -	\$ 1,966,655	\$ 1,966,655
Simonds Rd (NE 152nd - 88th Ave) Sidewalks	Local								\$ -	\$ -
	Federal/State								\$ -	\$ -
	Unsecured		\$ 1,000	\$ 150,000	\$ 751,360				\$ 902,360	\$ 902,360
	Subtotal	\$ -	\$ 1,000	\$ 150,000	\$ 751,360	\$ -	\$ -	\$ -	\$ 902,360	\$ 902,360
73rd Ave NE (NE 192nd St - NE 201st Pl) Sidewalks	Local								\$ -	\$ -
	Federal/State								\$ -	\$ -
	Unsecured		\$ 1,000	\$ 150,000	\$ 150,000	\$ 3,490,180	\$ 25,000		\$ 3,816,180	\$ 3,816,180
	Subtotal	\$ -	\$ 1,000	\$ 150,000	\$ 150,000	\$ 3,490,180	\$ 25,000	\$ -	\$ 3,816,180	\$ 3,816,180
NE 181st St Sidewalks (61st Ave NE - 62nd Ave NE) - South Side	Local								\$ -	\$ -
	Federal/State								\$ -	\$ -
	Unsecured			\$ 50,000	\$ 250,000	\$ 1,006,000	\$ 15,000		\$ 1,321,000	\$ 1,321,000
	Subtotal	\$ -	\$ -	\$ 50,000	\$ 250,000	\$ 1,006,000	\$ 15,000	\$ -	\$ 1,321,000	\$ 1,321,000



City of Kenmore Capital Improvement Program

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

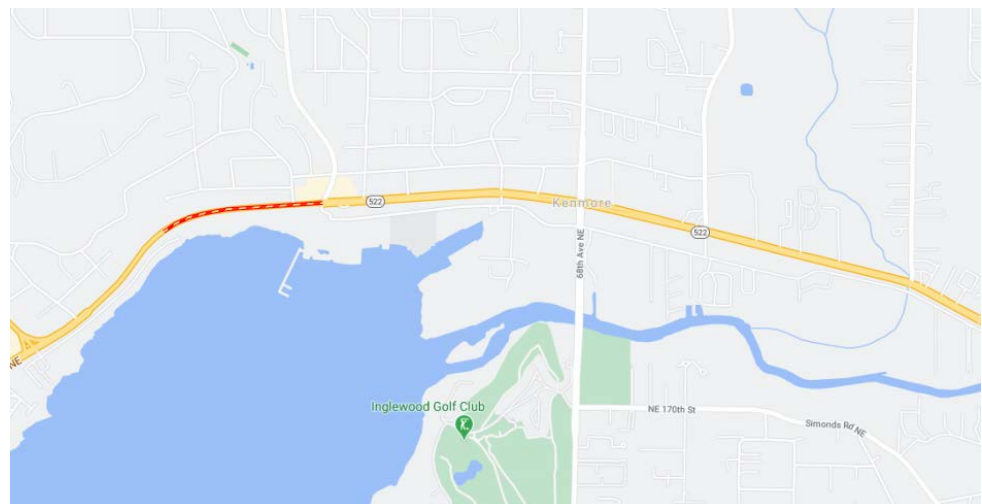
Project No. T-8

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. If additional grant funds cannot be secured, the project will be scaled to the available funding.





City of Kenmore Transportation Improvement Program

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.

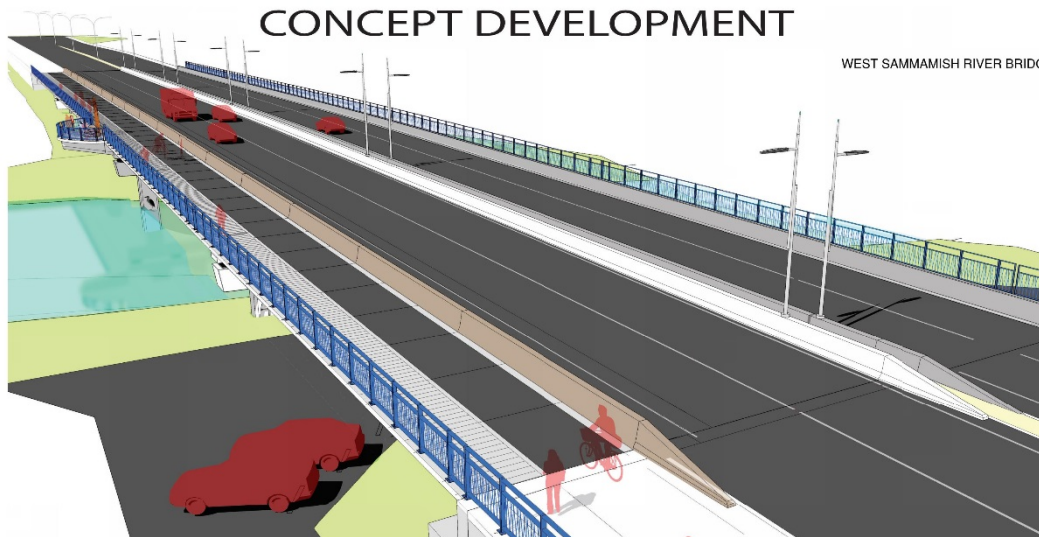
Background: The West Sammamish River Bridge was constructed in the 1930's and is at the end of its life. It is considered to be structurally obsolete. To date, the City has completed an alternatives analysis, a scour analysis, a load rating analysis, and has applied load restrictions on the bridge (weight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

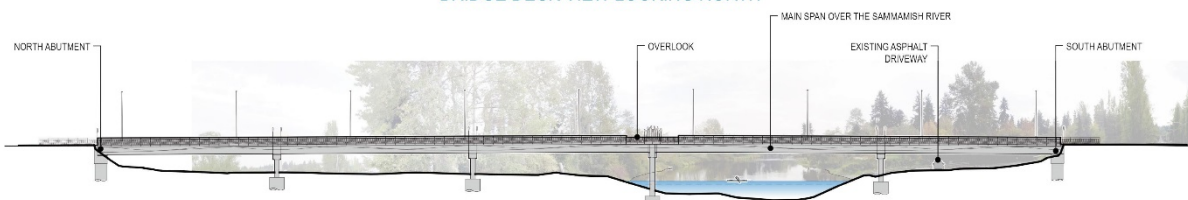


Project Location

CONCEPT DEVELOPMENT



BRIDGE DECK VIEW LOOKING NORTH



BRIDGE DECK VIEW LOOKING EAST



City of Kenmore Transportation Improvement Program

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

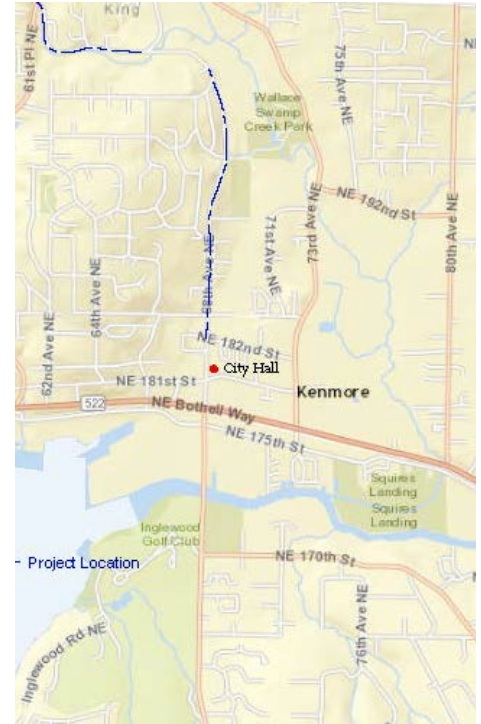
Segment c: West side of 68 Avenue NE from NE 185 Street to NE 201 Street

Segment d: North side of NE 202 Street from 66 Avenue NE to 61 Avenue NE

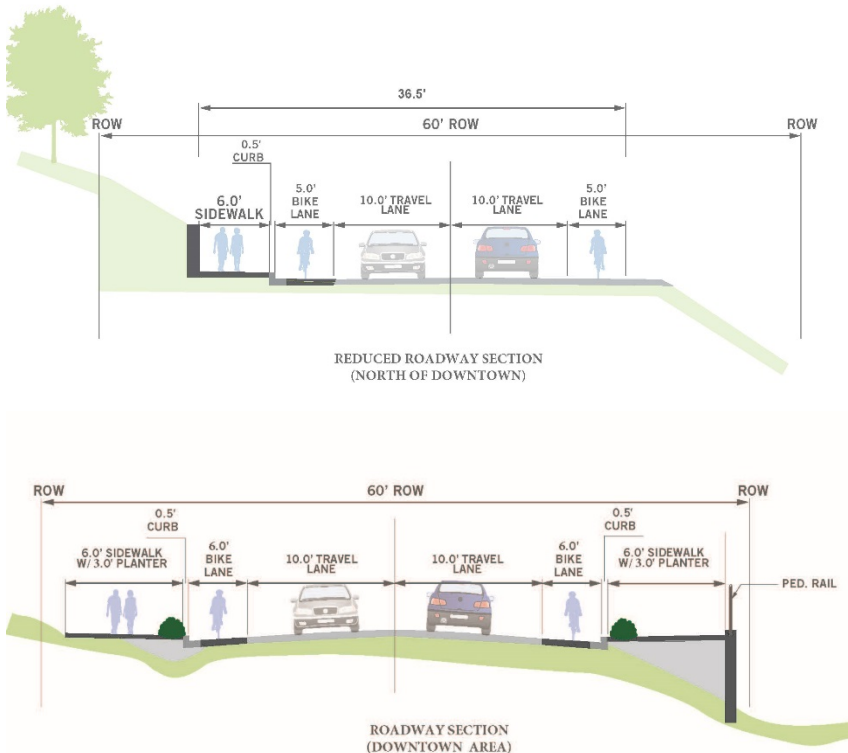
Project Description: This project provides continuous ADA accessible sidewalk and bike lanes on 68 Avenue NE and NE 202 Streets respectively between NE 182 Street and 61 Avenue NE. Other project components include new storm drainage, LED street lighting, landscaping in downtown area, RRFB ped crossing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





City of Kenmore Transportation Improvement Program

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:

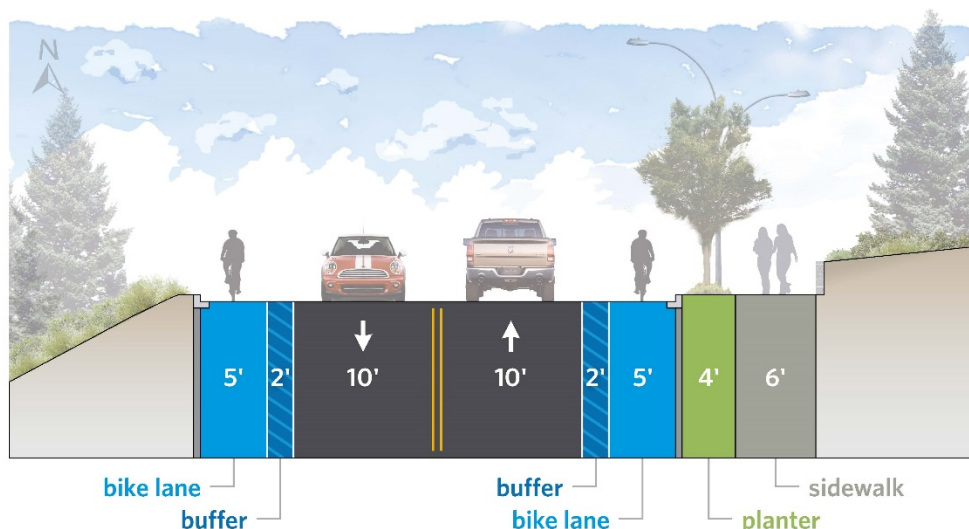
- Sidewalk along the east side of Juanita Drive NE where residential neighborhoods are located. Sidewalk improvements and pedestrian crossings on west side of street will be limited to bus stops only.
- Bike lanes with buffer on the east and west side of Juanita Drive NE;
- Additional or extensions of 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)*





City of Kenmore Transportation Improvement Program

Project Name: Pavement Management 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.



City of Kenmore Transportation Improvement Program

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

Project Location: 61st Avenue NE (NE 181st Street north to 62nd Ave NE)

Project Description:

This project will update the alternatives analysis and include other possible scenarios. Non-ADA Sidewalk panels will be replaced on both sides of 61st Avenue north of NE 190th St. Sidewalk between NE 190th St and approximately 400 feet north NE 181st St will be relocated west to provide additional buffer to the adjacent creek.

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 and grant resources.

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.





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.

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 A: Existing Bridge

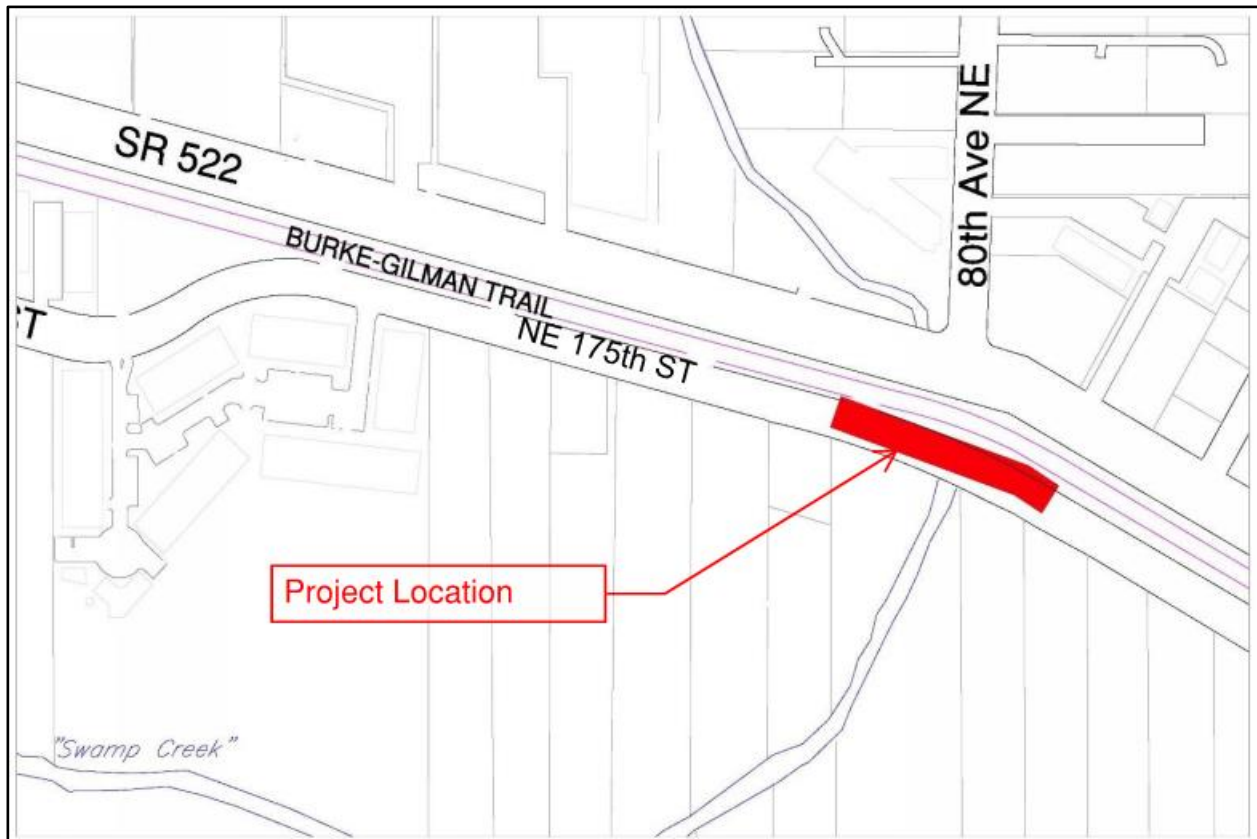


Figure B: Project Location



City of Kenmore Transportation Improvement Program

Project Name: 80th Ave NE (NE 179th PI – NE 185th St)

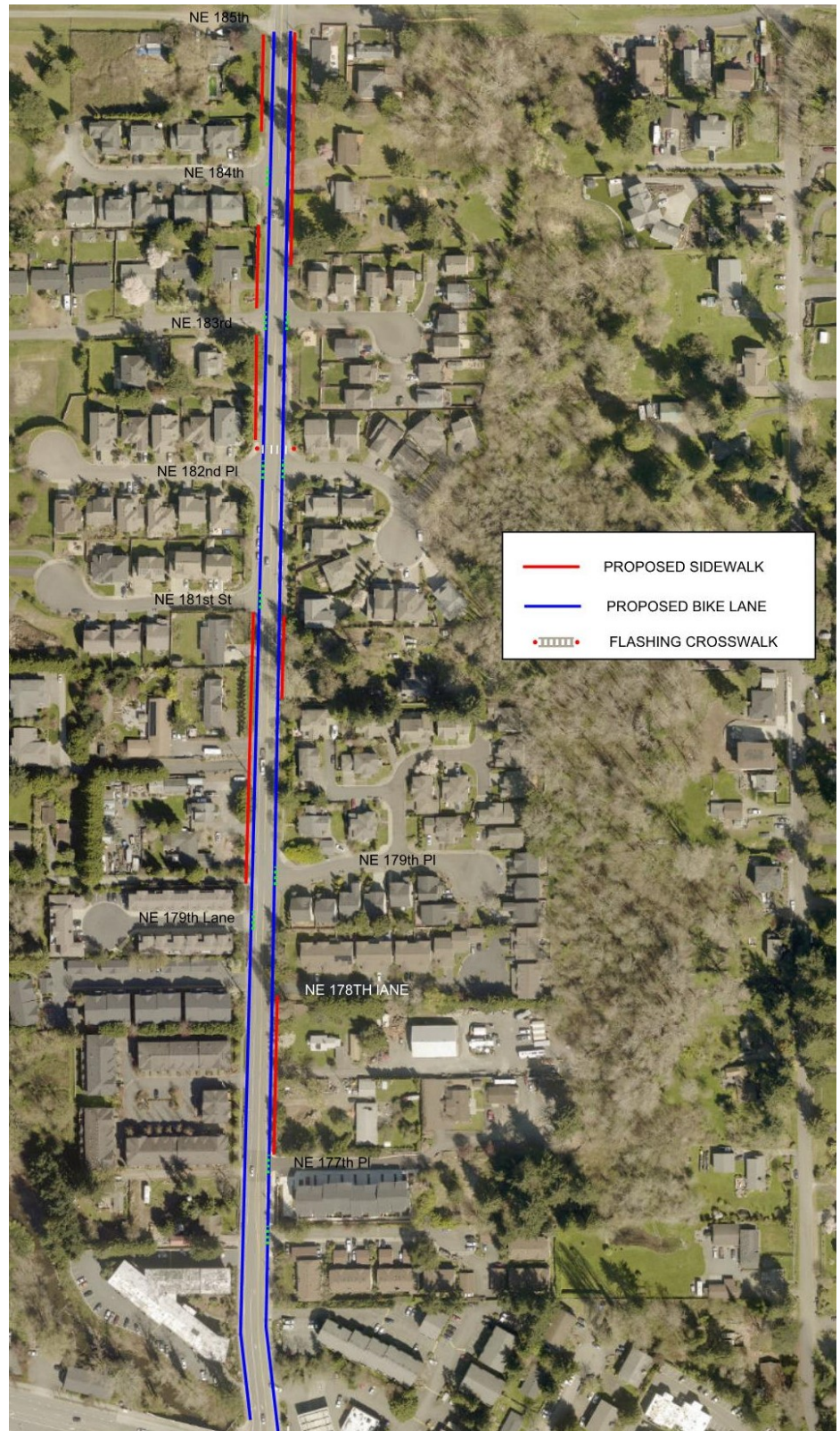
Project No.: TBD

Project Location: 80th Ave NE between NE 179th PI and NE 185th St (Tolt line).

Project Description: This project builds approximately 1,175 LF of new sidewalks on both sides of 80th Ave NE between NE 179th PI and NE 185th St (the Tolt water line corridor) with buffered bike lanes on both sides. This project also includes a flashing crosswalk near NE 182nd St. All on-street parking will be eliminated within the project limits.

Background: Sidewalk exists at sporadic location along 80th Ave NE within the project limits. This project will close gaps and create a continuous sidewalk on both sides of the street connecting to SR522.

Funding Sources: This project is currently unfunded. Staff will apply for a WSDOT Pedestrian and Bicycle grant funds to fund this project. Grant results are typically announced in the fall of year a call for projects has been advertised.





City of Kenmore Capital Improvement Program

Project Name: Simonds Rd (NE 152nd St – 88th Ave NE) Sidewalk
Project No. TBD

Project Location: Simonds Rd between NE 152nd St and 88th Ave NE

Project Description: This project will provide sidewalk along the east side of Simonds Rd from NE 152nd St to 88th Ave NE. This project will also add a raised crosswalk across 88th Ave NE.

Background: This section of Simonds Rd is limited to pedestrian access via a 5 foot bike lane. This road provides connection for students to Inglemoor High School and access to elementary and middle school students to the school bus stop located just north of this project. Existing sidewalk exists north and south of this project filling a gap and providing continuous sidewalk south of the high school along this section.

Funding Sources: This project is currently unfunded. Staff will pursue available grant funds to support this project.





City of Kenmore Capital Improvement Program

Project Name: 73rd Ave NE (NE 192nd St – NE 201st Pl) Sidewalk

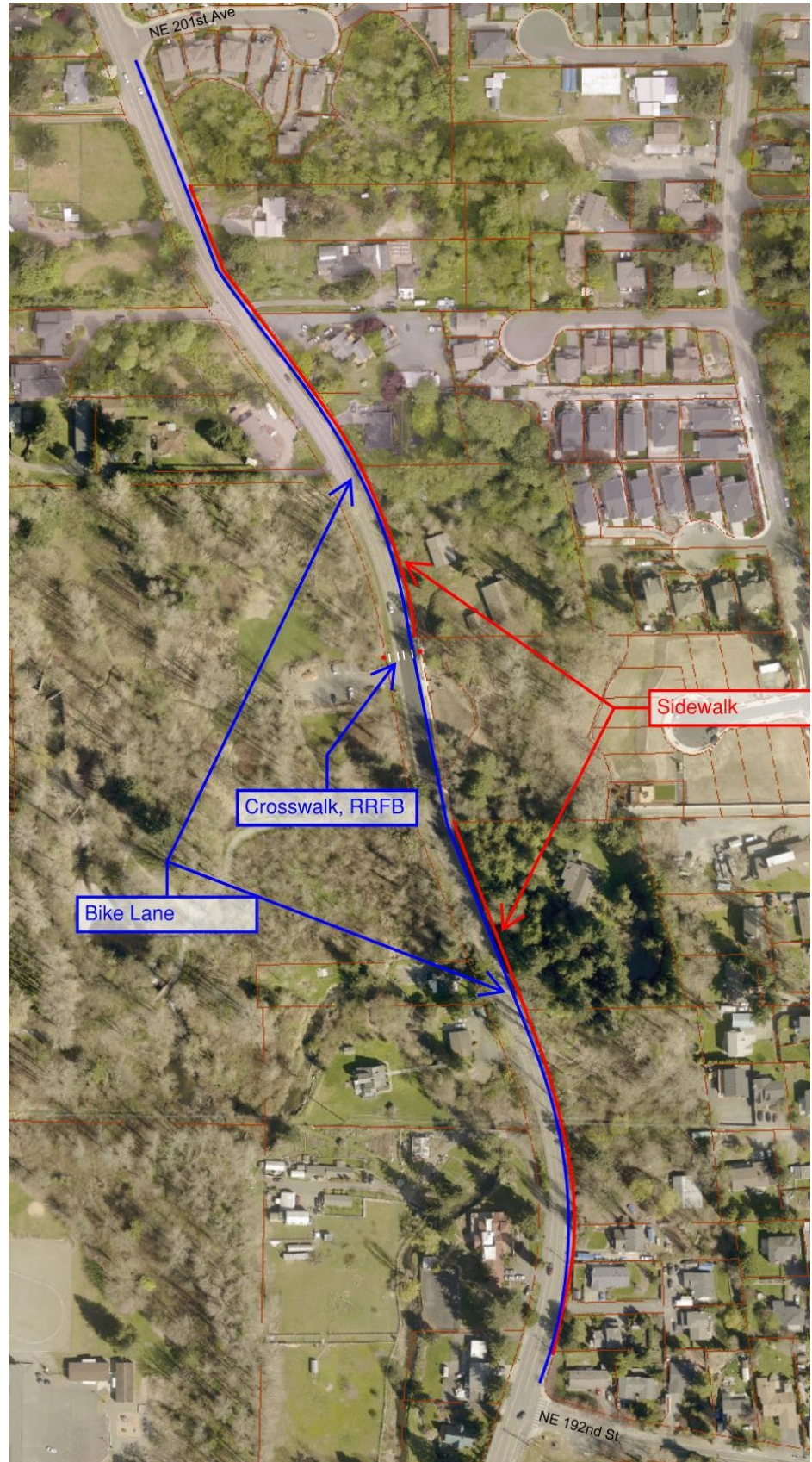
Project No. TBD

Project Location: East side of 73rd Ave NE between NE 192nd St and NE 201st Pl.

Project Description: This project will provide sidewalk along the east side of Simonds Rd from NE 192nd St to NE 201st Pl.

Background: This section of 73rd Ave NE is limited to pedestrian access via a 5-foot shoulder. This road provides the only pedestrian connection for residents along 73rd Ave NE. 73rd Ave NE is a main connection to the City's downtown, parks, transit, and other public amenities. This project would close gaps in the sidewalk network nearly completing sidewalk along the east side of 73rd Ave NE within the city limits.

Funding Sources: This project is currently unfunded. Staff will pursue available grant funds to support this project.





City of Kenmore Transportation Improvement Program

Project Name: NE 181st St Sidewalks (61st Ave – 63rd Ave)

Project No.: TBD

Project Location: NE 181st Street between 61st Avenue NE and 63rd Avenue NE.

Project Description: This project builds approximately 615 LF of new sidewalks on south side of NE 181st Street from 61st Ave to 63rd 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 sidewalk connections along NE 181st to existing sidewalk on 62nd Ave NE and 61st Ave NE. This sidewalk is located in a community business zone.

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





City of Kenmore Transportation Improvement Program

Project Name: NE Arrowhead Drive Sidewalks

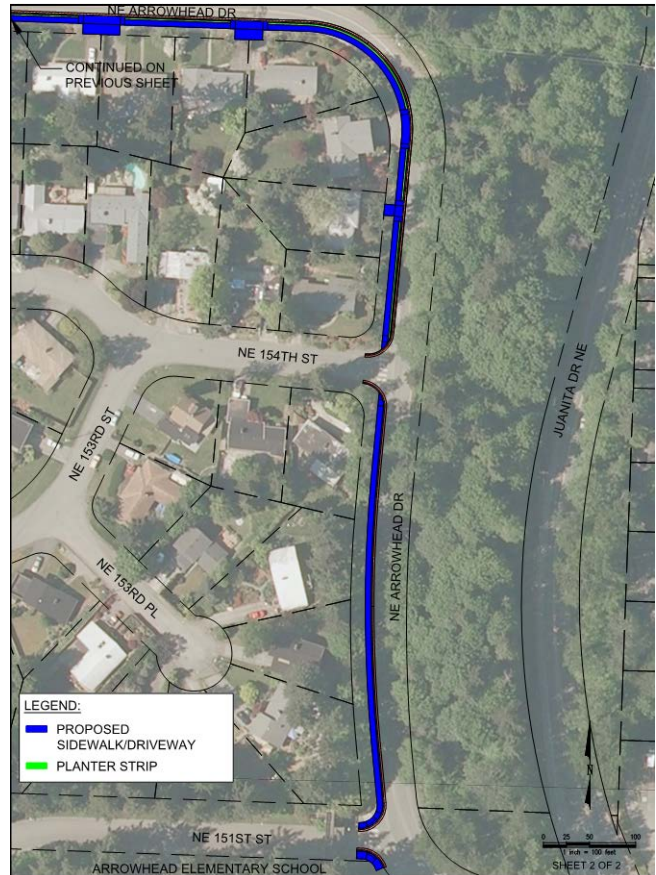
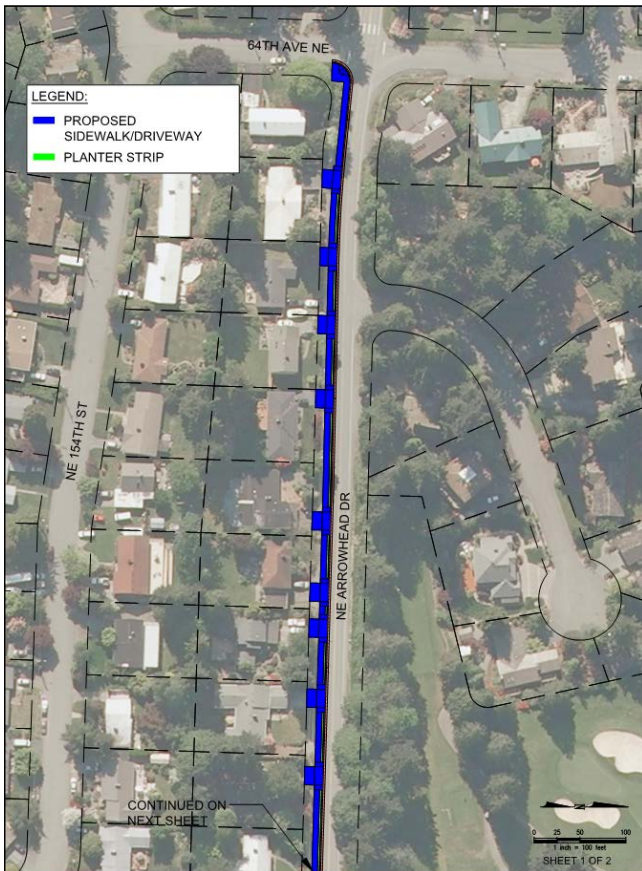
Project No.: TBD

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. Staff will continue to seek grant funding for this project.



Proposed Improvements



City of Kenmore Transportation Improvement Program

Project Name: 84th Ave NE Sidewalks (150th St – 155th St)

Project No.: TBD

Project Location: 84th Ave NE between 150th 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.

