

**CITY COUNCIL AGENDA ITEM**  
CITY OF SHORELINE, WASHINGTON

<b>AGENDA TITLE:</b>	Sidewalk Tour
<b>DEPARTMENT:</b>	Public Works
<b>PRESENTED BY:</b>	Alicia McIntire, Senior Transportation Planner Tricia Juhnke, Capital Projects Administrator Kirk McKinley, Transportation Services Manager
<b>ACTION:</b>	<input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input type="checkbox"/> Motion <input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Public Hearing

**PROBLEM/ISSUE STATEMENT:**

Council has requested a field tour of high priority sidewalk needs. Staff has prepared a tour for Council on July 23, preceding the regular meeting. The tour will highlight some of the key missing sidewalks that Council may want to consider for near term sidewalk projects. The tour will last 60 minutes.

**BACKGROUND**

The adoption of the Transportation Master Plan included an inventory and prioritization of key missing sidewalks in Shoreline – focused primarily on arterial streets. Staff has prepared a Transportation Improvement Program (scheduled for Council adoption on July 16), that includes many of the high priority sidewalks. Because of the enormous need, and in recognition of budget challenges, the TIP projects have been further refined to highlight sidewalk projects that can be targeted at filling in key missing links. These projects typically are shown as one-sided facilities which are simpler, lower cost, will close the gap, and allow scarce resources to be spent on other sidewalk projects throughout the city.

Resources for the tour are attached. They include:

- 1) Attachment A -- The Draft Transportation Improvement Program project list: this document includes all draft TIP projects. Council should focus on the table of sidewalk projects that begins on page 3 of the attachment for project descriptions. The numbering on this list is the same as the numbering of the projects on the tour map.
- 2) Attachment B -- A map of the tour: this map includes circled projects that we will visit in the tour, and which we believe are good candidates for consideration over the next few years. It also indicates sidewalks that are funded, but not yet constructed, and shorter, “gap projects” that would be lower cost and fill a key missing link. The numbering system on this map correlates to the numbering system on the sidewalk projects in the TIP (which includes the project descriptions).

- 3) Attachment C -- A map of the former Sidewalk Priority Routes: this map indicates sidewalks that have been completed over the past several years through the CIP Sidewalk Priority project, and those that haven't been constructed.

#### **RECOMMENDATION**

No Council action is required. Tour is for information only.

#### **ATTACHMENTS**

Attachment A – Draft TIP Project List  
Attachment B – July 23 Council Sidewalk Tour  
Attachment C – Sidewalk Priority Routes

## ATTACHMENT A

# Proposed 2013-2018 Transportation Improvement Plan

### Pedestrian/Non Motorized Improvements

#### FUNDED

1. **Curb Ramp, Gutter and Sidewalk Program:** The ongoing Curb Ramp, Gutter and Sidewalk Program includes:
  - Design and construction of curb ramps in compliance with the Americans with Disabilities Act (ADA) standards
  - Installing wheelchair detection loops and audible pedestrian signals
  - Repairing and replacing existing cement concrete gutters and sidewalks damaged by tree roots, cracking or settlement
  - Constructing new sidewalk panel sections to fill existing gaps in the pedestrian walkway
2. **Traffic Safety Improvements:** This program addresses priority traffic and pedestrian safety concerns on both arterial and local streets. The primary purpose of this program will be to investigate traffic and pedestrian safety concerns, evaluate possible alternatives, and implement spot improvement projects to improve safety and enhance the livability of neighborhoods. The program works closely with neighborhoods to address cut-through traffic and neighborhood safety issues, and implement priority projects as identified in the Neighborhood Traffic Action Plans. This program seeks grant-funding sources for modeling new pedestrian safety concepts and traffic calming devices.

#### UNFUNDED

3. **Interurban/Burke-Gilman Connector – Northern Route:** Construct improvements to strengthen the connection between Shoreline's Interurban Trail and the Burke-Gilman Trail to the east. The route runs along N/NE 195<sup>th</sup> St from the Interurban Trail to 10<sup>th</sup> Ave NE, 10<sup>th</sup> Ave NE to Perkins Way NE and Perkins Way NE to the City limits. Projects include walkways, signage and improvements to the NE 195<sup>th</sup> Street bridge over I-5. The City will work with Lake Forest Park to ensure facilities are coordinated.
4. **NE 195<sup>th</sup> St Trail – 1<sup>st</sup> Ave NE to 5<sup>th</sup> Ave NE:** This project includes design and construction of a twelve foot wide separated bicycle and pedestrian trail in the undeveloped NE 195<sup>th</sup> Street right-of-way. The City will need to coordinate with Seattle City Light as relocation of the utility poles is necessary. This project is the final separated segment of the Northern Route of the Interurban/Burke-Gilman Connector.
5. **Bicycle System Completion:** This project will implement a comprehensive bicycle signing and channelization program throughout Shoreline. Bicycle facilities will include dedicated lanes, sharrows and freestanding signage, as well as wayfinding signs directing riders to local and regional destinations. Priority projects that are a part of this completion include:

ST	FROM	TO	PROJECT DESCRIPTION
NW/N 145 <sup>th</sup> St	3 <sup>rd</sup> Ave NW	Aurora Ave N	Install signage to indicate a bicycle route. Signage can include freestanding signage, sharrows or other signing mechanisms. Signage methods will be clarified as part of the 145 <sup>th</sup> Street corridor study.
Ashworth Ave N	N 185 <sup>th</sup> St	N 200 <sup>th</sup> St	Install signage to indicate a bicycle route. Signage can include freestanding signage, sharrows or other signing mechanisms
Hamlin Park	15 <sup>th</sup> Ave NE	Kellogg Middle School	Install signage to indicate a bicycle route. Signage can include freestanding signage, sharrows or other signing mechanisms
N 200 <sup>th</sup> St	Fremont Ave N	Ashworth Ave N	Construct bicycle lanes in the uphill direction and install signage to indicate a bicycle route in the downhill direction. Signage can include freestanding signage, sharrows or other signing mechanisms
3rd Ave NW	NW Richmond Beach Rd	NW 205th St	Install sharrows
Fremont Ave N	N 165 <sup>th</sup> St	N 205 <sup>th</sup> St	Construct bicycle lanes
NE 150 <sup>th</sup> St	15 <sup>th</sup> Ave NE	25 <sup>th</sup> Ave NE	Construct bicycle lanes
20 <sup>th</sup> Ave NE	NE 145 <sup>th</sup> St	NE 150 <sup>th</sup> St	Construct bicycle lanes
NE 160 <sup>th</sup> St	25 <sup>th</sup> Ave NE	31 <sup>st</sup> Ave NE	Install signage to indicate a bicycle route. Signage can include freestanding signage, sharrows or other signing mechanisms

6. **Sidewalk Projects:** Shoreline citizens continue to emphasize the importance of sidewalks for safety, enhanced mobility, convenience and recreation. The 2011 Transportation Master Plan (TMP) includes a Pedestrian System Plan, which identifies key pedestrian corridors in Shoreline that result in a comprehensive pedestrian network throughout the City. Over 100 projects are identified in order to complete the system. These projects are prioritized in the TMP.

One sidewalk funding program identified in the TMP is the Priority Gap program: This program is dedicated to completing missing gaps in sidewalks. Gaps are generally less than five blocks long. By filling in these missing segments, the City can achieve a larger benefit by connecting existing segments and completing continuous walkways along a street or corridor. The primary focus will be to complete sidewalks on one side of the street.

The highest priority projects are listed below. Projects that are eligible for inclusion in the City's Priority Gap Program are noted.

	STREET	FROM	TO	PROJECT DESCRIPTION	GAP PROGRAM
1	20 <sup>th</sup> Ave NW	Saltwater Park entrance	NW 195 <sup>th</sup> St	Construct a separated path on the east side of the street	X
2	NW 195 <sup>th</sup> St	8 <sup>th</sup> Ave NW	3 <sup>rd</sup> Ave NW	Construct sidewalks to fill in gaps on the south side of the street	X
3	1 <sup>st</sup> Ave NE	NE 192 <sup>nd</sup> St	NE 195 <sup>th</sup> St	Construct a sidewalk on the west side of the street	X
4	NE 165 <sup>th</sup> St	5 <sup>th</sup> Ave NE	6 <sup>th</sup> Ave NE	Construct a sidewalk on the north side of the street to fill in the gap	X
5	NE 150 <sup>th</sup> St	Approx. 18 <sup>th</sup> Ave NE	20 <sup>th</sup> Ave NE	Construct a sidewalk on the north side of the street to fill in the gap	X
6	Ashworth Ave N	N 195 <sup>th</sup> St	N 200 <sup>th</sup> St	Construct sidewalks on the west side of the street from N 195 <sup>th</sup> St to 200 <sup>th</sup> St, replace the asphalt walkway on the east side of the street in front of Echo Lake Elementary school and install curb ramps at the N 195 <sup>th</sup> St intersection	X
7	19 <sup>th</sup> Ave NE	Ballinger Way NE	NE 205 <sup>th</sup> St	Construct sidewalks on the west side of the street, where needed, to complete the sidewalk along this roadway segment	
8	NW 195 <sup>th</sup> St	3 <sup>rd</sup> Ave NW	Aurora Ave N	Construct sidewalks on the south side of the street	X
9	25 <sup>th</sup> Ave NE	NE 165 <sup>th</sup> St	NE 168 <sup>th</sup> St	Construct sidewalks on the east side of the street.	
10	Westminster Way N	N 145 <sup>th</sup> St	N 153 <sup>rd</sup> St	Construct sidewalks on both sides of the street where needed, to complete sidewalks on both sides of the streets	X
11	Fremont Ave N	N 175 <sup>th</sup> St	N 205 <sup>th</sup> St	Construct sidewalks on the east side of the street from N 175 <sup>th</sup> St to N 185 <sup>th</sup> St and on the west side of the street from N 185 <sup>th</sup> St to N 205 <sup>th</sup> St	
12	NW 175 <sup>th</sup> St	6 <sup>th</sup> Ave NW	St. Luke's Place N	Construct sidewalks on the north side of the street	
13	3 <sup>rd</sup> Ave NW	NW 189 <sup>th</sup> St	NW 195 <sup>th</sup> St	Construct sidewalks to fill in gaps on the east side of the street	X
14	25 <sup>th</sup> Ave NE	NE 145 <sup>th</sup> St	NE 150 <sup>th</sup> St	Construct sidewalks on the east side of the street	X
15	N 192 <sup>nd</sup> St	Interurban Trail	Ashworth Ave N	Construct sidewalks on the south side of the street from the Interurban Trail to Ashworth Avenue N	
16	N 170 <sup>th</sup> St	Whitman Ave N	Aurora Ave N	Construct sidewalks on the north side of the street	X
17	NE 165 <sup>th</sup> St	10 <sup>th</sup> Ave NE	15 <sup>th</sup> Ave NE	Construct sidewalks on the south side of the street	X
18	15 <sup>th</sup> Ave NE	NE 150 <sup>th</sup> St	NE 160 <sup>th</sup> St	Construct sidewalks on the east side of the street	
19	NE 150 <sup>th</sup> St	15 <sup>th</sup> Ave NE	25 <sup>th</sup> Ave NE	Construct sidewalks on south side of the street	
20	Carlyle Hall Rd N / N 165 <sup>th</sup> St	Dayton Ave N	Aurora Ave N	Construct sidewalks on one side of the street	
21	3 <sup>rd</sup> Ave NW/ Carlyle Hall Rd NW	N 175 <sup>th</sup> St	Dayton Ave N	Construct sidewalks on the west side of the street, where needed	
22	NE 180 <sup>th</sup> St	10 <sup>th</sup> Ave NE	15 <sup>th</sup> Ave NE	Construct sidewalks on the north and south sides of the street, where needed, to complete sidewalks on both sides of the street	
23	NE 168 <sup>th</sup> St	15 <sup>th</sup> Ave NE	25 <sup>th</sup> Ave NE	Construct sidewalks on the south sides of the street	
24	Firlands Way N	N 185 <sup>th</sup> St	N 195 <sup>th</sup> St	Construct sidewalks on one side of the street	
25	Ballinger Way NE	19 <sup>th</sup> Ave NE	25 <sup>th</sup> Ave NE	Construct sidewalks on the southwest side of the street where needed	
26	15 <sup>th</sup> Ave NW	NW 195 <sup>th</sup> St	NW 205 <sup>th</sup> St	Construct sidewalks on one side of the street	

27	5 <sup>th</sup> Ave NE	NE 175 <sup>th</sup> St	NE 185 <sup>th</sup> St	Construct sidewalks on the west and east sides of the street	
28	1 <sup>st</sup> Ave NE	NE 145 <sup>th</sup> St	NE 155 <sup>th</sup> St	Construct sidewalks on east and west sides of the street, where needed, to complete sidewalks on both sides of the street	X
29	N Innis Arden Way	10 <sup>th</sup> Ave NW	Greenwood Ave N	Construct sidewalks on the north side of the street	
30	Linden Ave N	N 175 <sup>th</sup> St	N 185 <sup>th</sup> St	Construct sidewalks on the east side of the street from N 175th St to N 177th St, on the west and east sides of the street from N 177th St to N 182nd St and on the west side of the street from N 182nd Street to N 185th Street	
31	NE 175 <sup>th</sup> St / 22 <sup>nd</sup> Ave NE / NE 171 <sup>st</sup> St	15 <sup>th</sup> Ave NE / NE 171 <sup>st</sup> St / 22 <sup>nd</sup> Ave NE	22 <sup>nd</sup> Ave NE / NE 175 <sup>th</sup> St / 25 <sup>th</sup> Ave NE	Construct sidewalks on one side of the streets	
32	N 192 <sup>nd</sup> St	Across Aurora Ave N		Construct pedestrian and bicycle bridge across Aurora Ave N	

### Safety / Operations Projects

#### FUNDED

1. **Aurora Corridor Improvement Project:** This project begins at N 192<sup>nd</sup> St and extends to N 205<sup>th</sup> St. The project scope of work includes adding Business Access and Transit (BAT) lanes, curbs, gutters, landscaping/street furnishings, sidewalks on both sides. The project adds a landscaped center median safety zone with left turn and U-turn provisions, interconnects traffic signals which also include pedestrian crosswalks, improves transit stops with new shelters and new street lighting, places overhead utility lines underground and improves the existing storm water drainage system. Improvements at major intersections to enhance east-west traffic flow will also be included in the project. This is the final phase of this three mile long project.

### Traffic and Intersection Improvements

#### UNFUNDED

1. **Citywide Signal Interconnect, ITS and Cameras:** This project will fully integrate and coordinate all city signals, with Information Technology System (ITS) improvements where appropriate. Traffic monitoring cameras will also be included. A traffic management center (TMC) will be developed in City Hall to help manage these systems.
2. **10<sup>th</sup> Ave NW Hidden Lake bridge replacement:** Rehabilitate the existing bridge to ensure safe vehicle crossing.
3. **15<sup>th</sup> Ave NW at NW Richmond Beach Rd:** This project will reconfigure the roadway alignment at the existing off-set intersection to improve operations and safety. The design has not been completed, and one of the first steps will be to identify alternatives, including the potential for a roundabout(s).
4. **N 160th St/Greenwood Ave N/NW Innis Arden Way:** This project will improve the operations and safety of this five-way intersection at N 160th St, Greenwood Ave N and Innis Arden Way. Design will be coordinated with Shoreline Community College (SCC) Master Planning and with Metro Transit. Illumination and landscaping will be provided through the realignment area. Bus zone and layover improvements will be included. This project also includes the construction of new sidewalk on the north side of N 160th St, from Dayton Ave N to Greenwood Ave N. Prior to construction, a study will be performed to identify a preferred solution to the current traffic operating problems at this intersection. This project may be included with the roadway improvements on N 160th Street from Aurora Ave N to Greenwood Ave N.

5. **NW Richmond Beach Rd at 3<sup>rd</sup> Ave NW:** This project will design and construct left-turn lanes on Richmond Beach Road at the intersection with 3rd Ave NW and install signal modifications. The improvements will also include storm drainage, pavement widening, curb-and-gutter and sidewalks, retaining walls and street lighting. NW Richmond Beach Rd is a high-volume arterial street at this location and this project will improve safety and traffic flow. This intersection has a high accident rate.
6. **Midvale Ave N – N 175<sup>th</sup> St to N 183<sup>rd</sup> St:** Design, acquire right-of-way and reconstruct Midvale Ave N. This project will move lanes off Seattle City Light (SCL) right-of-way. The project is proposed to include undergrounding electrical distribution lines, curb, gutter, sidewalks, amenity zone and on-street parking and angle parking on the west in the SCL right-of-way.
7. **N 165<sup>th</sup> St and Carlyle Hall Rd NW Sidewalk and Intersection Safety:** This project will improve an odd-shaped intersection to improve visibility and safety, as well as providing pedestrian safety features. The design has not been completed and one of the first steps will be to scope out alternatives.
8. **Major Preservation Projects:** Perform significant maintenance work on the following roadways:
  - a. Meridian Ave N: N 145th St to N 205th St; roadway rechannelized to include a center turn lane and bicycle lanes in both directions
  - b. Westminster Way N: N 145th St to N 155th St
  - c. N/NE 155th St: Aurora Ave N to 15th Ave NE; roadway rechannelized from 5th Ave NE to 15th Ave NE to include a center turn lane and bicycle lanes in both directions
  - d. N/NE 185th St: Midvale Ave N to 10th Ave NE; roadway rechannelized to include a center turn lane and bicycle lanes in both directions. Work may include milling the roadway and sealing the joints between the concrete panels to improve the smoothness and improve the pavement life span
  - e. N/NE 175th St: Stone Ave N to 25th Ave NE
  - f. NW/NW Richmond Beach Rd: Richmond Beach Dr NW to Fremont Ave N; roadway may be rechannelized to include a center turn lane and bicycle lanes in both directions
  - g. Fremont Ave N: N 175th St to N 185th St; roadway rechannelized to include a center turn lane and bicycle lanes in both directions

On roadways where both capital projects and preservation work are identified in this TIP, the preservation work may occur in advance of those projects in order to maintain them until funding is available for the larger capital projects.

9. **15<sup>th</sup> Ave NE – NE 172<sup>nd</sup> St to NE 195<sup>th</sup> St:** This project would construct sidewalks on the west side of the road from NE 180th St to NE 195th St. A corridor study will be performed to identify a preferred transportation solution for this roadway segment. There are significant topographic challenges related to constructing a sidewalk on this arterial. A potential lane reduction for this segment of the road may include the sidewalks, as well as bicycle lanes on both sides of the street. The cross-section of the road from NE 172nd to NE 180th Street would be reduced from four lanes to three and bicycle lanes would be installed.
10. **N 175<sup>th</sup> St – Stone Ave N to 15<sup>th</sup> Ave NE:** This project will design and construct improvements on N 175th St between Stone Ave N and 15th Ave NE, which will tie in with the improvements on N 175th St recently constructed by the Aurora project. The improvements include: reconstruction of the existing street to provide two traffic lanes in each direction, a center lane with two-way left turn areas, medians and turn pockets, intersection improvements, bicycle lanes (integrated into the sidewalk), curb, gutter, and sidewalk with planter strip where feasible, illumination, landscaping and retaining walls. Intersections with high accident rates will be improved as part of this project. The profile of the roadway between Ashworth Ave N and Stone Ave N will be lowered to meet standard sight distance requirements. This project includes improvements to the I-5 intersections, in coordination with WSDOT.
11. **N 160<sup>th</sup> St – Greenwood Ave N to Aurora Ave N:** Rechannelize the existing four-lane cross section to a boulevard-style three-lane cross section (one lane in each direction with a center left turn lane and median

landscaping) with bicycle lanes on both sides of the street. This project may be included with the intersection improvement at N 160th Street and Greenwood Ave N.

12. **NW Richmond Beach Rd at 8<sup>th</sup> Ave NW:** This project will improve safety and capacity at the intersection with the installation of dedicated turn lanes, sidewalks and curb ramps. A roundabout may be explored as a potential solution.
13. **Firlands Way N – Linden Ave N to Aurora Avenue N:** Construct sidewalks and amenity zones and install angle-in on-street parking on both sides of the street. The project scope may include exposing and refurbishing the original red brick roadway surface, if it still exists.
14. **Aurora Ave N at N 145<sup>th</sup> St Dual Left Turn Lane:** Construction of a south to east bound left turn lane (for a total of two) at N 145<sup>th</sup> St and Aurora Ave N and construction of a new signal at N 149<sup>th</sup> St and Aurora Ave N. The 145<sup>th</sup> St dual left turn lane will require acquisition of additional rights-of-way along the western edge of Aurora (the Aurora project constructed “interim” sidewalks in this location). Schedule of this project is dependent on redevelopment of the northwest corner of Aurora and N 145<sup>th</sup> St. Right-of-way and/or frontage improvements may be provided by the developer. The additional width required for this turn lane is currently under consideration by the City of Seattle in their Aurora project planning. The new signal at N 149<sup>th</sup> St will need to meet signal warrants and receive WSDOT approval. This signal project should be combined with the dual left turn at N 145<sup>th</sup> St in order to address queue length demands.

### Corridor Studies

#### UNFUNDED

1. **N/NE 145<sup>th</sup> St (SR 523) Corridor Study:** Perform a multi-modal corridor study of 145th St (SR 523) from Bothell Way NE (SR 522) to 3rd Ave NW. Work in conjunction with the City of Seattle, the Washington State Department of Transportation, King County, Metro Transit and Sound Transit to evaluate the future transportation needs for this corridor. Include an examination of safety, traffic, transit and non-motorized needs resulting from anticipated changes in the area such as growth, location of light rail station(s) and regional tolling. The southern half (eastbound lanes) of the street is within the City of Seattle. Seattle classifies 145th St as Collector Arterial from 3rd Ave NW to Greenwood Ave N and a Primary Arterial from Greenwood Ave N to Bothell Way NE.
2. **Improvements to Richmond Beach Drive NW and NW Richmond Beach Road – NW 199<sup>th</sup> Street to Aurora Ave N:** Perform a corridor study in response to development proposals at Point Wells located in unincorporated Snohomish County and construct mitigation measures. Improvements may include intersection improvements, bicycle lanes, sidewalks, surface water management, landscaping and lighting.

### System Preservation Projects

#### FUNDED

1. **Annual Road Surface Maintenance Program:** The City's long-term road surface maintenance program is designed to maintain the City's road system to the highest condition rating with the funds available using various thicknesses of asphalt overlay and bituminous surface treatments (BST). Currently, the asphalt overlays are done in conjunction with King County's overlay projects. King County provides engineering and inspection for the project. The City's Public Works Operations Division will provide project administration, construction oversight, quality review, and final acceptance. Additionally, other accepted BST treatments are provided through private contracting.
2. **Traffic Signal Rehabilitation:** There are currently 46 traffic signals in operation in Shoreline. The typical life span of the electronic hardware is 20 years. As technology improves, their older electronics become obsolete. By the end of the 20-year life span, repair and maintenance becomes more expensive as parts



may no longer be available. Older traffic signal controllers are very simple and limited in functionality. New controllers can accept a wide range of timing schemes and hold special timing patterns for dealing with emergency traffic rerouting, fire truck pre-emption, and transit signal priority. They can be connected to operate in a coordinated network, and connected to a master controller, where signal timing changes can be made from the office, increasing efficiency. There are rechargeable battery packs that can be installed in signal controller cabinets that will keep a traffic signal operating in the event of a loss of power. For extended outages, a generator can be added to keep the signal running. The ability to keep traffic signals operating and vehicles moving is a key part of our emergency back-up support in conjunction with the City's Emergency Management Plan.

## Growth Projects





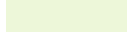


### UNFUNDED

1. **Meridian Ave N – N 145<sup>th</sup> St to N 205<sup>th</sup> St:** Rechannelize the roadway to add a center two-way left-turn lane and bicycle lanes, remove on-street parking and install traffic calming measures, such as radar speed display signs.
2. **N 185<sup>th</sup> St and Meridian Ave N:** Construction of northbound and southbound add/drop lanes, which involves widening the northbound and southbound approaches to include a second through lane and receiving lane. This project also includes construction of an eastbound right-turn pocket, which involves widening eastbound approach to include a right-turn pocket. This signal will be coordinated with the signal at Meridian Ave N and 1<sup>st</sup> Ave NE.
3. **N 175<sup>th</sup> St – Stone Ave N to Meridian Ave N:** Construct improvements including two traffic lanes in each direction, a center lane with two-way left turn areas, medians and turn pockets, bicycle lanes (integrated into the sidewalk), curb, gutter, and sidewalk with planter strip where feasible, illumination, landscaping and retaining walls. The profile of the roadway between Ashworth Ave N and Stone Ave N will be lowered to meet standard sight distance requirements.
4. **N 175<sup>th</sup> St and Meridian Ave N:** Construct an addition northbound add lane on Meridian Ave N, which involves widening the northbound approach to include a second through lane. Rechannelize the southbound approach with a single left turn lane and increase the westbound left turn pocket length.
5. **N/NE 175<sup>th</sup> St – Meridian Ave N and the I-5 on-/off-ramps:** Extend the left-turn pockets between Meridian Ave N and I-5 to provide additional storage capacity for left turning vehicles at the intersections.
6. **NE 175<sup>th</sup> St and 15<sup>th</sup> Ave NE:** Re-stripe the westbound approach to provide a dedicated left-turn pocket and shared through/right lane. With dedicated left-turn pockets, remove split-phase signal operation and optimize for eight-phase signal operation.
7. **185<sup>th</sup> St – 1<sup>st</sup> Ave NE to 7<sup>th</sup> Ave NE:** Rechannelize the roadway to add a center two-way left-turn lane and bicycle lanes and remove on-street parking.

Project	2013 Estimate	2014 Estimate	2015 Estimate	2016 Estimate	2017 Estimate	2018 Estimate	2013-2018 Total
<b>Expenditures</b>							
<b>REPAIR AND REPLACEMENT</b>							
<b>Pedestrian / Non-Motorized Projects</b>							
Curb Ramp, Gutter & Sidewalk Program	\$ 140,000	\$ 113,500	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 853,500
Traffic Safety Improvements	\$ 251,500	\$ 187,500	\$ 187,500	\$ 285,000	\$ 285,000	\$ 285,000	\$ 1,481,500
<b>System Preservation Projects</b>							
Annual Road Surface Maintenance Program	\$ 700,000	\$ 800,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,500,000
Traffic Signal Rehabilitation	\$ 120,631	\$ 121,084	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 641,715
<b>Safety / Operations Projects</b>							
Aurora Avenue North 192nd - 205th	\$ 13,484,740	\$ 13,495,132	\$ 347,499				\$ 27,327,371
<b>Unfunded Projects</b>							
<b>Non Motorized Improvements</b>							
NE 195th Street Trail - 1st Ave NE to 5th Ave NE	\$ 25,000	\$ 380,000	\$ 25,000				\$ 430,000
Bicycle System Completion			\$ 1,787,500				\$ 1,787,500
Interurban/Burke-Gilman Connector – Northern Route					\$ 2,570,000		\$ 2,570,000
20th Ave NW – Saltwater Park entrance to NW 195th St	\$ 100,000	\$ 200,000	\$ 200,000				\$ 500,000
NW 195th St - 8th Ave NW to 3rd Ave NW	\$ 40,000	\$ 700,000	\$ 20,000				\$ 760,000
1st Ave NE – NE 192nd St to NE 195th St	\$ 250,000						\$ 250,000
NE 165th St - 5th Ave NE to 6th Ave NE		\$ 50,000					\$ 50,000
NE 150th St – Approx 18th Ave NE to 20th Ave NE		\$ 50,000	\$ 300,000				\$ 350,000
Ashworth Ave N – N 195th St to N 200th St		\$ 200,000	\$ 400,000				\$ 600,000
19th Ave NE – Ballinger Way NE to NE 205th St			\$ 900,000				\$ 900,000
NW 195th St – 3rd Ave NW to Aurora Ave N			\$ 100,000	\$ 500,000	\$ 700,000		\$ 1,300,000
25th Ave NE – NE 165th St to NE 168th St				\$ 450,000			\$ 450,000
Westminster Way N – N 145th St to N 155th St				\$ 600,000	\$ 1,500,000		\$ 2,100,000
Fremont Ave N – N 175th St to N 205th St					\$ 150,000	\$ 1,850,000	\$ 2,000,000
NW 175th St - 6th Ave NW to St. Luke's Place N						\$ 300,000	\$ 300,000
3rd Ave NW - NW 189th St to NW 195th St						\$ 400,000	\$ 400,000
25th Ave NE – NE 145th St to NE 150th St						\$ 500,000	\$ 500,000
N 192nd St - Interurban Trail to Ashworth Ave N						\$ 500,000	\$ 500,000
N 170th St - Whitman Ave N to Aurora Ave N						\$ 525,000	\$ 525,000
NE 165th St - 10th Ave NE to 15th Ave NE						\$ 800,000	\$ 800,000
15th Ave NE – NE 150th to NE 160th Streets Sidewalk						\$ 900,000	\$ 900,000
NE 150th St - 15th Ave NE 25th Ave NE						\$ 900,000	\$ 900,000
Carlyle Hall Rd N/N 165th St - Dayton Ave N to Aurora Ave N						\$ 1,000,000	\$ 1,000,000
3rd Ave NW/Carlyle Hall Rd NW - N 175th St to Dayton Ave N						\$ 1,100,000	\$ 1,100,000
NE 180th St - 10th Ave NE to 15th Ave NE						\$ 1,100,000	\$ 1,100,000
NE 168th St - 15th Ave NE to 25th Ave NE						\$ 1,100,000	\$ 1,100,000
Firlands Way N – N 185th St to N 195th St						\$ 1,200,000	\$ 1,200,000
Ballinger Way NE –19th Ave NE to 25th Ave NE						\$ 1,200,000	\$ 1,200,000
15th Ave NW - NW 195th St to NE 205th St						\$ 1,300,000	\$ 1,300,000
5th Ave NE – NE 175th St to NE 185th St						\$ 1,400,000	\$ 1,400,000
1st Ave NE – NE 145th St to NE 155th St						\$ 1,400,000	\$ 1,400,000
N Innis Arden Way - 10th Ave NW to Greenwood Ave N						\$ 2,000,000	\$ 2,000,000
Linden Ave N – N 175th St to N 185th St						\$ 2,000,000	\$ 2,000,000
NE 175th St/22nd Ave NE/NE 171st St - 15th Ave NE/NE 171st St/22nd Ave NE to 22nd Ave NE/NE 175th St/25th Ave NE						\$ 3,000,000	\$ 3,000,000
N 192nd Street pedestrian and bicycle bridge at Aurora Ave N						\$ 3,700,000	\$ 3,700,000
<b>Traffic and Intersection Improvements</b>							
Citywide Signal Interconnect, ITS and Cameras	\$ 350,000						\$ 350,000
10th Ave NW Hidden Lake bridge replacement		\$ 50,000	\$ 157,500	\$ 3,675,000			\$ 3,882,500
15th Ave NW at NW Richmond Beach Rd			\$ 289,000	\$ 912,000			\$ 1,201,000
N 160th St/Greenwood Ave N/NW Innis Arden Way			\$ 1,953,000				\$ 1,953,000
NW Richmond Beach Rd at 3rd Ave NW			\$ 2,068,500				\$ 2,068,500
Midvale Ave N – N 175th St to N 183rd St Reconstruction			\$ 2,625,000				\$ 2,625,000
N 165th St and Carlyle Hall Rd NW Sidewalk and Intersection Safety				\$ 1,050,000			\$ 1,050,000
<b>Major Preservation Projects</b>				\$ 4,700,000			\$ 4,700,000
15th Ave NE – NE 172nd St to NE 195th St					\$ 262,500	\$ 1,333,500	\$ 1,596,000
N 175th St – Stone Ave N to 15th Ave NE						\$ 27,940,800	\$ 27,940,800
N 160th St – Greenwood Ave N to Aurora Ave N						\$ 563,000	\$ 563,000
NW Richmond Beach Rd at 8th Ave NW						\$ 2,329,440	\$ 2,329,440
Firlands Way N - Linden Ave N to Aurora Ave N						\$ 1,331,280	\$ 1,331,280
145th Dual Left Turn at Aurora						\$ 4,700,000	\$ 4,700,000
<b>Corridor Studies</b>							
N/NE 145th St (SR 523) Corridor Study	\$ 700,000						\$ 700,000
Improvements to Richmond Beach Drive NW and NW Richmond Beach Road – NW 205th Street to Aurora Ave N		\$ 210,000	\$ 105,000				\$ 315,000
<b>Growth Projects</b>							
Meridian Ave N – N 145th St to N 205th St						\$ 7,867,679	\$ 7,867,679
N 185th St and Meridian Ave N						\$ 4,510,924	\$ 4,510,924
N 175th St – Stone Ave N to Meridian Ave N						\$ 11,791,522	\$ 11,791,522
N 175th St and Meridian Ave N						\$ 4,531,148	\$ 4,531,148
N/NE 175th St – Meridian Ave N and the I-5 on-/off-ramps						\$ 3,579,206	\$ 3,579,206
185th St – 1st Ave NE to 7th Ave NE						\$ 260,081	\$ 260,081
<b>Total Expenditures by Year</b>	<b>\$ 16,161,871</b>	<b>\$ 16,557,216</b>	<b>\$ 12,715,499</b>	<b>\$ 13,422,000</b>	<b>\$ 4,147,500</b>	<b>\$ 103,018,580</b>	<b>\$ 166,022,666</b>

# July 23rd Council Sidewalk Tour

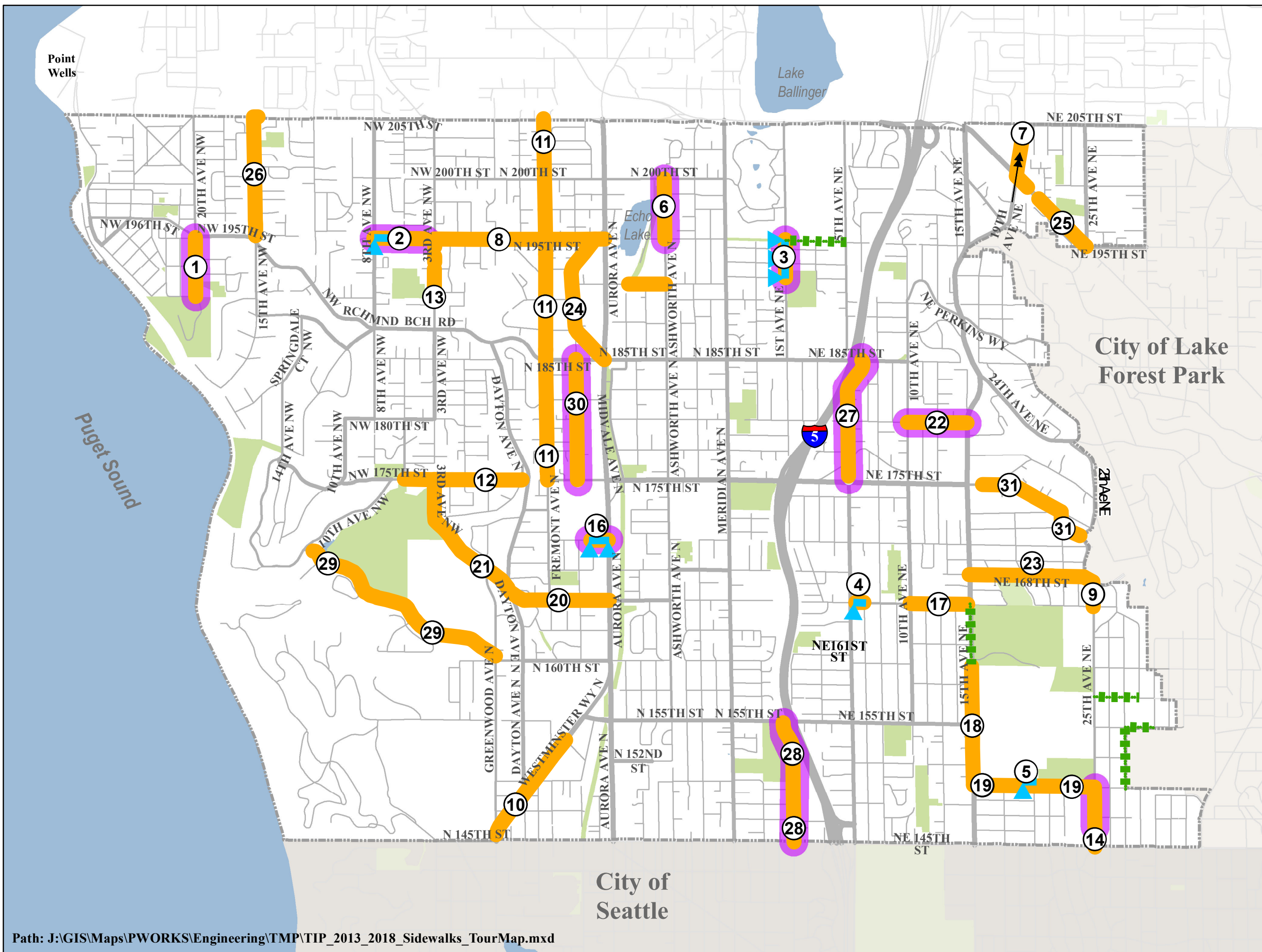
## Legend Map Feature

-  Funded
-  Gap Projects
-  In TIP
-  On Tour
-  Other City Park
-  City of Shoreline Park
-  Water

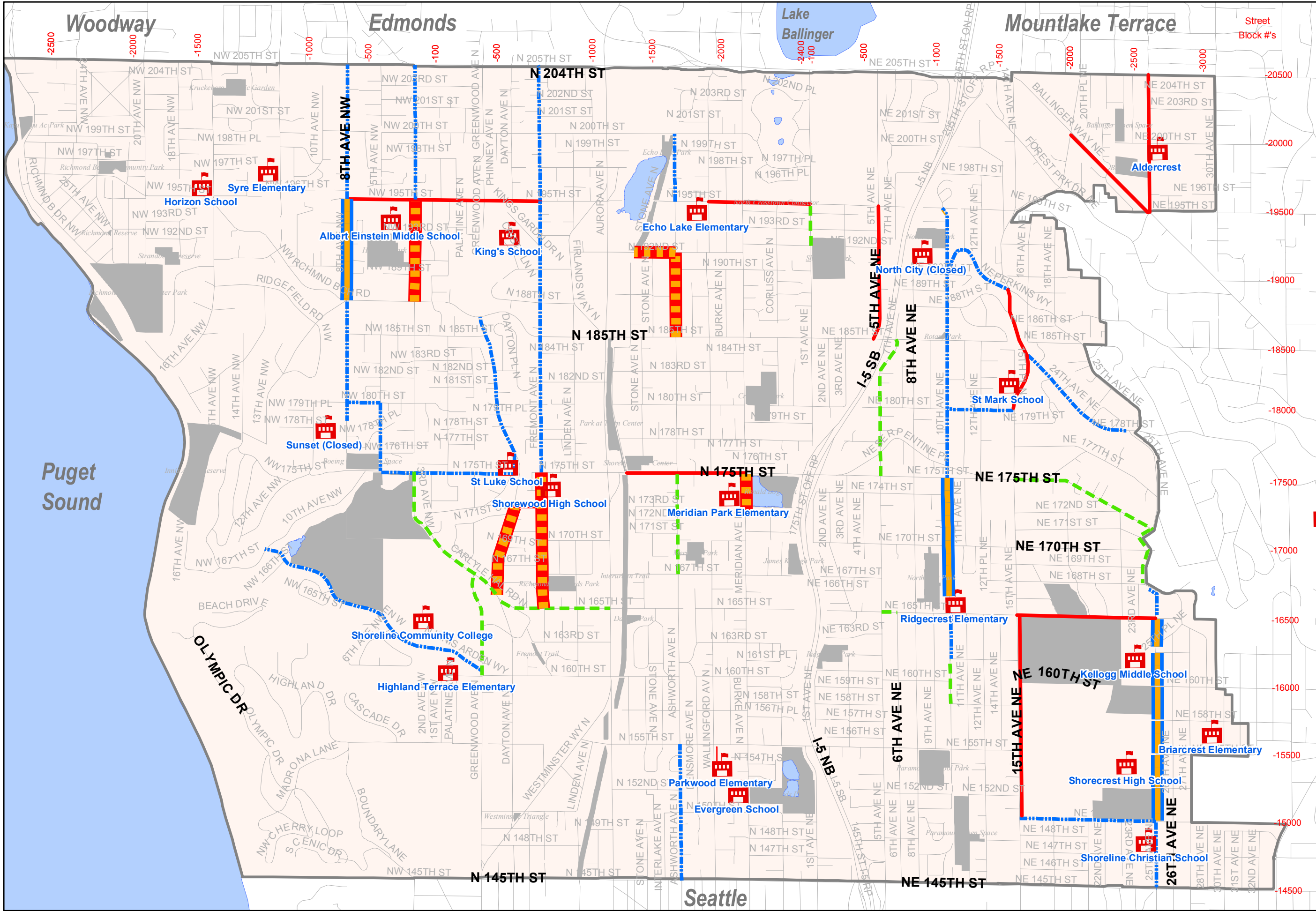
0 500 1,000 2,000 3,000 4,000 Feet



User: hdelacruz  
Date: 7/13/2012







**SHORELINE**  
Geographic Information System

# Sidewalk Priority Routes

As of October 2011

**Priority 1 Projects**

- Potential Projects 4.75 Road Miles
- Improvements Installed - 1.8 Miles

**Priority 2 Projects**

- Potential Projects 9.3 Road Miles
- Improvements Installed - 1.5 Miles

**Priority 3 Projects**

- Potential Projects 3.5 Road Miles
- Improvements Installed - none

Schools

**NOTE:**

Priority Routes identified in the 2011 Transportation Master Plan

0 500 1,000 2,000 Feet

Plot Date: February 20, 2008  
No warranties of any sort, including accuracy, fitness, or merchantability, accompany this product.  
G:\PWORKS\Engineering\HDeLaCruz\GIS\MAPS\Major Construction Projects\Sidewalks\PriorityStatus.mxd  
2008 SIDEWALKS PROJECT\PriorityStatus08.mxd

## July 23 Council Sidewalk Tour

TOUR ROUTE	MAP LOCATOR	STREET	FROM	TO	PROJECT DESCRIPTION	GAP PROGRAM
1	16	N 170 <sup>th</sup> St	Whitman Ave N	Aurora Ave N	Construct sidewalks on the north side of the street	X
2	30	Linden Ave N	N 175 <sup>th</sup> St	N 185 <sup>th</sup> St	Construct sidewalks on the east side of the street from N 175 <sup>th</sup> St to N 177 <sup>th</sup> St, on the west and east sides of the street from N 177 <sup>th</sup> St to N 182 <sup>nd</sup> St and on the west side of the street from N 182 <sup>nd</sup> Street to N 185 <sup>th</sup> Street	
3	6	Ashworth Ave N	N 195 <sup>th</sup> St	N 200 <sup>th</sup> St	Construct sidewalks on the west side of the street from N 195 <sup>th</sup> St to 200 <sup>th</sup> St, replace the asphalt walkway on the east side of the street in front of Echo Lake Elementary school and install curb ramps at the N 195 <sup>th</sup> St intersection	X
4	3	1 <sup>st</sup> Ave NE	NE 192 <sup>nd</sup> St	NE 195 <sup>th</sup> St	Construct a sidewalk on the west side of the street	X
5	27	5 <sup>th</sup> Ave NE	NE 175 <sup>th</sup> St	NE 185 <sup>th</sup> St	Construct sidewalks on the west and east sides of the street	
6	22	NE 180 <sup>th</sup> St	10 <sup>th</sup> Ave NE	15 <sup>th</sup> Ave NE	Construct sidewalks on the north and south sides of the street, where needed, to complete sidewalks on both sides of the street	
7	28	1 <sup>st</sup> Ave NE	NE 145 <sup>th</sup> St	NE 155 <sup>th</sup> St	Construct sidewalks on east and west sides of the street, where needed, to complete sidewalks on both sides of the street	X
<b><i>Other projects of discussion – not on tour (photos attached):</i></b>						
<i>Not on tour</i>	1	20 <sup>th</sup> Ave NW	Saltwater Park entrance	NW 195 <sup>th</sup> St	Construct a separated path on the east side of the street	X
<i>Not on tour</i>	2	NW 195 <sup>th</sup> St	8 <sup>th</sup> Ave NW	3 <sup>rd</sup> Ave NW	Construct sidewalks to fill in gaps on the south side of the street	X
<i>Not on tour</i>	14	25 <sup>th</sup> Ave NE	NE 145 <sup>th</sup> St	NE 150 <sup>th</sup> St	Construct sidewalks on the east side of the street	X



# 20th Ave NW



East side of 20th Ave NW  
north of NW 193rd Street  
looking south

East side of 20th Ave NW  
north of NW 190th Street  
looking south

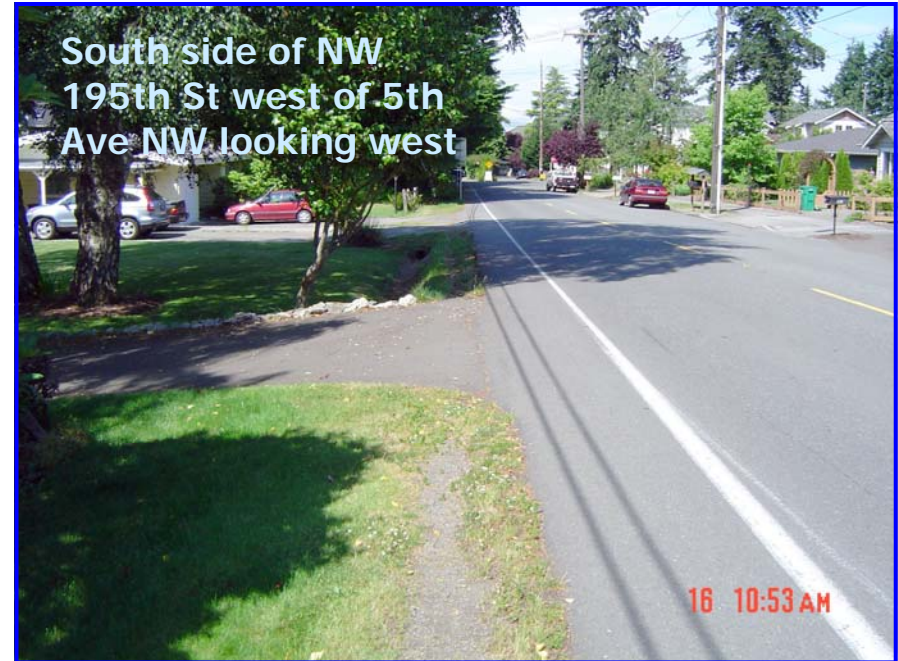


East side of 20th Ave NW  
north of NW 190th Street  
looking north





# NW 195th Street





# 25th Ave NE

