

# Transportation Alternatives Program 2013 Application

## Instructions

Complete application in the space provided. Applicants are limited to application form and 5 pages of attachments. Submit completed application and attachments electronically to [dale.robins@rtc.wa.gov](mailto:dale.robins@rtc.wa.gov). You will receive an e-mail confirmation within one business day of submittal. If you do not receive confirmation or have questions about the application contact Dale Robins at 360-397-6067 x5212.

## General Information

Project Title: Hazel Dell Area Sidewalks

Project Location and Limits: NE Hazel Dell Avenue & NW/NE 68th Street

Project Length (miles): 0.64 miles (3,400 feet)

Agency: Clark County

Contact Person: [REDACTED]

Telephone: [REDACTED] Email: [REDACTED]

Certified Acceptance Agency: Clark County

## Project Screening Criteria

*Check all that apply.*

- Project is consistent with the MTP/RTP
- Project contains at least one eligible Transportation Alternatives Category
- Project is directly related to the surface transportation system (except trails)
- Project does not supplement the construction of an existing project
- Project is open to public access

## Cost Summary

Project Phase	Start Date	TAP Funds	Other Funds	Total Cost
Design	09/01/2012	\$15,000	\$3,750	\$18,750
Right of Way			\$10,000	\$10,000
Construction	12/01/2013	\$427,000	\$106,750	\$533,750
Totals	n/a	\$442,000	\$120,500	\$562,500
<b>Overall Match Ratio:</b>				21.42%

## Project Type

*Check all that apply.*

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Bike/Pedestrian facilities              | <input type="checkbox"/> Vegetation management practices          |
| <input checked="" type="checkbox"/> Safe routes for non-drivers             | <input type="checkbox"/> Archaeological activities                |
| <input type="checkbox"/> Abandoned railroad corridors for trails            | <input type="checkbox"/> Environmental mitigation activity        |
| <input type="checkbox"/> Turnouts, overlooks, and viewing areas             | <input type="checkbox"/> Recreational Trails Program              |
| <input type="checkbox"/> Control of outdoor advertising                     | <input checked="" type="checkbox"/> Safe Routes to School Program |
| <input type="checkbox"/> Historic preservation of transportation facilities |   |

## Project Information

### 1. Project Description:

This project will construct more than a half-mile of concrete sidewalk at two locations in the Hazel Dell area of Clark County.

Approximately 2,200 feet of sidewalk will be constructed on the east side of NE Hazel Dell Avenue, from NE 63rd Street south to existing cement sidewalk about 700 feet north of Alki Road. Existing deteriorated asphalt curb and walkway along the southern 550 feet will be replaced with cement sidewalk.

Approximately 1,250 feet of sidewalk will also be constructed on the south side of NW/NE 68th Street from NW 4th Avenue east to existing sidewalk near NE Hazel Dell Avenue.

Pervious concrete will be used to construct much of the project. The sidewalk may be attached to the edge of pavement or detached with grass/planting strip at various locations to aid in stormwater treatment as needed within design constraints.

## Project Information

2. Describe how the project will improve the public travel experience, and travel options, including the benefit to the community:

At both locations, shoulders are inconsistent in width creating a very challenging and hazardous environment for pedestrians, including elementary-age school children attending Hazel Dell Elementary at the intersection of NE Hazel Dell Avenue and NE 68th Street. Pedestrians must walk on a narrow shoulder close to fast-moving traffic, or walk in the grass of homeowner's front yards.

NE Hazel Dell Avenue is an urban minor arterial. At the south end, a cracked and broken asphalt walkway with curb abuts a steep hill that pushes walkers closer to traffic. Further north, pedestrians walk on the road shoulder next to more than 9,700 vehicle trips per day. Four transit busses an hour (north and south) travel Hazel Dell Avenue. Constructing a safe, ADA compliant, pedestrian friendly walkway will provide a new travel option, benefitting a lower income and more transit dependent population as well as multiple apartment complexes along the project limits.

NW/NE 68th Street is an urban collector built to rural standards. Along the project length, pedestrians walk on a narrow shoulder, or in residents' front yards. The roadway is a major east-west route connecting several residential neighborhoods and more than 200 homes to the Hazel Dell corridor. Completing this walkway will encourage pedestrian travel to important daily services including transit, schools, recreation centers and shopping located nearby on NE Hazel Dell Avenue.

3. Describe how the project provides a connection between modes, or improves transportation choices, or connects to land use services such as job locations, a civic center, library, grocery market, playground, retail center, medical office, school, and other. (Include modes and list of specific land uses connect within 1/2 mile of project):

Construction of these 2 sidewalks will link large residential neighborhoods west of Hazel Dell Avenue to schools, playgrounds and recreation centers along the Hazel Dell corridor, creating a new transportation choice and connecting to multiple services.

The Hazel Dell Avenue sidewalk will improve access to a popular bus route running the length of the project, and encourage greater use of C-Tran buses to access jobs, shopping and other nearby destinations. The NW 68th Street project is a key collector route to multiple services along Hazel Dell Avenue and Highway 99 (via the NE 63rd Street overpass).

Specific uses within 1/2 mile walking distance of the proposed sidewalks include:

- \* Hazel Dell Elementary School (NE Hazel Dell Ave. @ NE 68th St.)
- \* Boys-Girls Club/Civic Center (adjacent to school)
- \* Discovery Recreational Trail Trailhead (South end NE Hazel Dell Ave. Project)
- \* Medical/Shopping/Other:
  - Share House Homestead Family Shelter (4921 NE Hazel Dell Ave.)
  - Discovery Nursing & Rehabilitation Center (Alki Rd, south end of NE Hazel Dell Ave. project.)
  - Retail Center, Medical: Along Highway 99, 1,000 feet from NE Hazel Dell Ave./NE 63rd St.), and north of NE 68th St. on NE Hazel Dell Ave.

## Project Information

4. Describe how the project relates to an adopted plan such as the GMA plan, modal plan, neighborhood plan or other planning process. (Include name of Plan and attach a copy of page from plan that including project by name):

The NW 68th Street sidewalk is one of ten priority projects in Clark County's Bicycle and Pedestrian Master Plan. (2010, attached.)

Both 68th Street and Hazel Dell segments follow recommendations on the Commission on Aging's Transportation and Mobility work committee, focusing on coordinated transportation services, connection to transit improvements, and creation of more 'complete streets' which include enhanced facilities linking pedestrians to transit, schools and other destinations. (See: <http://www.clark.wa.gov/planning/aging/Transportation-Mobility.html>)

The County Comprehensive Plan also includes the goal of "locationally and functionally" integrated neighborhoods to "promote pedestrian and transit use and limit the need for automobile trips and to foster neighborhood and community identity". Both NW 68th Street and Hazel Dell projects provide missing connections to transit, which will reduce the need for automobile trips. Providing walking facilities also encourages recreational walking throughout neighborhoods, fostering community cohesion and a common identity. (See: [http://www.clark.wa.gov/planning/comp\\_plan/docs.html](http://www.clark.wa.gov/planning/comp_plan/docs.html) 2004 Adopted Comprehensive Plan PDF document, Page 1-25, Policies 1.4.8 and 1.4.9)

5. Describe to what extent the project will improve mobility for disadvantage populations, including elderly, disabled minority, and low income populations:

Disadvantaged and low income populations are often financially less able to own a car and rely heavily on transit and walking for daily essentials. More than 17% of the population in Hazel Dell lives below the federal poverty level, compared to less than 13% countywide, indicating a probable need for more pedestrian options.

According to C-Tran, 24 people per day typically board transit along the short half-mile of Hazel Dell Avenue where sidewalk is proposed. Constructing a safe, attractive pedestrian path to bus stops up and down Hazel Dell Avenue can encourage more use of transit among this needy population.

The NW 68th Street Walkway, which connects to Hazel Dell Avenue, will improve access to transit and general mobility for approximately 200 homes along the proposed sidewalk and within walking distance of Hazel Dell Avenue and it's transit route.

6. List affordable house complex and number of housing units that are within 1/2 mile of project:

Share Homestead House, 4921 NE Hazel Dell Avenue, 30 person daily capacity.

There are 1,283 housing units within a half-mile of NW 68th Street, and an additional 1,357 near Hazel Dell Avenue, for a total of 2,640 homes that will benefit from construction of both proposed sidewalks.

Furthermore, 17% to 39% of this census tract live below the Federal Poverty level, according to 2010 Census Bureau data. It is probable that between 460 and 1,050 households in this area live near the poverty level, despite not officially being designated as an 'affordable housing complex'.

## Project Information

7. Identify the safety issues addressed by project (collision data, lack of adequate safe crossing or access, lack of separated facility, high speed or volume, other):

Both NW 68th Street and Hazel Dell Avenue sidewalks will correct safety issues from the lack of a separated facility. Pedestrians currently walk on the road shoulder or homeowners' front yards at both locations.

Hazel Dell Avenue is also a high speed and high volume corridor carrying more than 9,700 vehicles per day. In the last 5 years, 23 collisions with 6 injuries have been recorded. Two of these accidents involved a bicyclist and a pedestrian.

In the last 5 years, there were 5 accidents along the proposed NW 68th Avenue sidewalk. Three of the five accidents included injuries.

8. Describe how the project addresses the safety issues identified:

Removing pedestrians from the edge of the roadway to a dedicated purpose-built facility is the primary mitigation for both locations. Providing additional space between high volumes of fast moving traffic will reduce the potential for conflict between pedestrians and motor vehicles.

Safer access to transit is an additional safety benefit. Currently waiting transit passengers typically stand on the paved shoulder, adjacent to the traffic lane waiting for the next bus. Constructing a sidewalk will create a much safer place for transit riders to wait. Instead of waiting on the shoulder next to traffic, passengers can wait at the back of the sidewalk, further-removed from fast-moving traffic creating a safer, more enjoyable and pedestrian-friendly multimodal trip.

9. Readiness:

- Design at 70% or higher
- Right of way acquisition complete or not needed
- Environmental permits approved

Please explain:

NE Hazel Dell Avenue: No right-of-way is needed. Design is at 70%.

NW 68th Street: Strip takes may be needed on 4 parcels along the project limits. Design is just getting underway, <10% complete.

Right of Way funds shown on Page 1 are for completion of the Right of Way Certification and other right of way related documentation for the projects.

County Environmental staff have reviewed initial plans and believe projects will be determined Categorically Excluded and no special environmental permits will be needed.

## Project Information

10. Describe how the local community and other agencies have been involved in the planning process for the project.

List any opposition to the project and how it was overcome:

The County Bicycle and Pedestrian Advisory Committee includes bicycle commuters, Bike Clark County members and school district representatives assisted by city, county and WSDOT staff. This group spearheaded creation of the county master plan which includes rating criteria, design standards and lists of needed sidewalk projects.

The proposed NW 68th Street project was identified by the Bicycle and Pedestrian Advisory Committee as one of ten "Priority Sidewalks" in the county's 2010 master plan. Hazel Dell Avenue is also called out in the document as a main bicycle route.

At the start of design for both projects, the North Hazel Dell and West Hazel Dell neighborhood associations and adjoining residents were notified about the projects. The few comments received from the community were supportive of both projects.

11. Describe how the project improves public health and increase physical activity:

Adding sidewalks where none exist today encourages walking to nearby destinations instead of relying on motor vehicles. The number and variety of destinations within close walking distance of these 2 projects will encourage walking and it's health benefits among all ages. Vancouver Schools says sidewalk along NW 68th Street can eliminate one bus stop, and increase the number of children walking to and from Hazel Dell Elementary at the east end of the project.

A safe, ADA friendly sidewalk will also improve access to transit stops along the entire length of NE Hazel Dell Avenue, as well as shopping and other destinations along nearby Highway 99, via the NE 63rd Street overpass.

12. Describe how the project includes design elements that contribute to quality of life:

Constructing modern sidewalk to replace ragged-edged asphalt shoulder provides a safe, uniform surface for children, the elderly and disabled people who can be more mobile and independent, thereby improving their quality of life. Addition of sidewalks and curb where needed, also creates a more complete street section, improving property values and encouraging pedestrian use for exercise as well as travel.

Drainage and water sheeting from roadways into front yards will be reviewed and improved as required, while the use of pervious concrete will eliminate or substantially reduce the size of detention ponds or other measures to control stormwater runoff, reducing pollution throughout the neighborhood.

## Project Information

13. List all funding partners contributing to the project:

Funding Source	Amount
Clark County	\$126,800

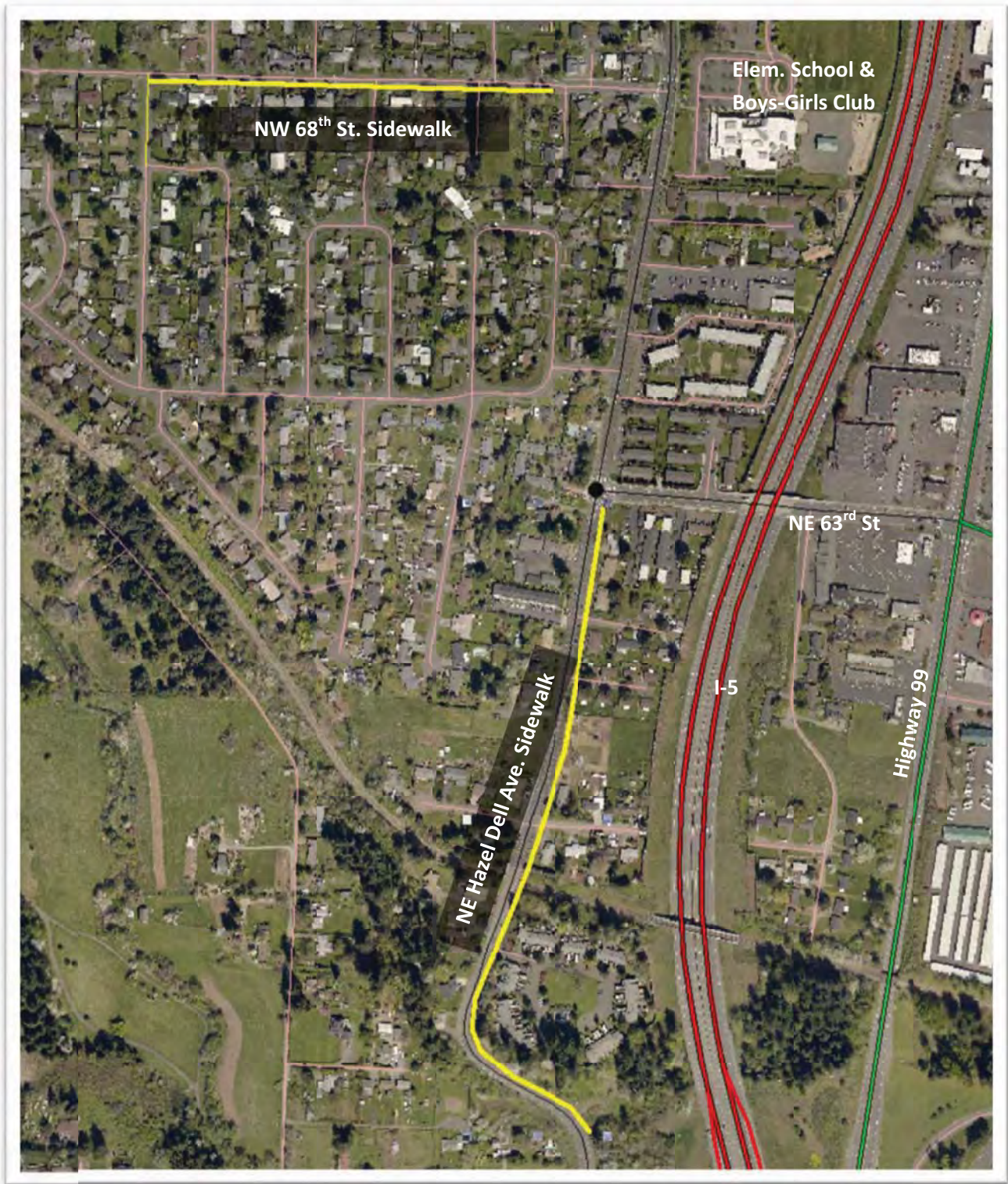
## Other Information

You may use this space to provide any additional project information considered worth noting:

Construction Schedule:

The NE Hazel Dell Avenue Sidewalk's design is well advanced and the segment will be ready to bid in 2013.

The NW 68th Street segment is beginning design and is planned to bid with the Hazel Dell segment, provided no unanticipated issues arise that would delay it. If delays to the NW 68th Street segment occur, phased construction will be implemented.



## VICINITY MAP

### Hazel Dell Area Sidewalks

NE Hazel Dell Avenue: North of Alki Rd. to NE 63<sup>rd</sup> St.

NW 68<sup>th</sup> Street: NW 4<sup>th</sup> Ave. to NE 2<sup>nd</sup> Pl.



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WASHINGTON



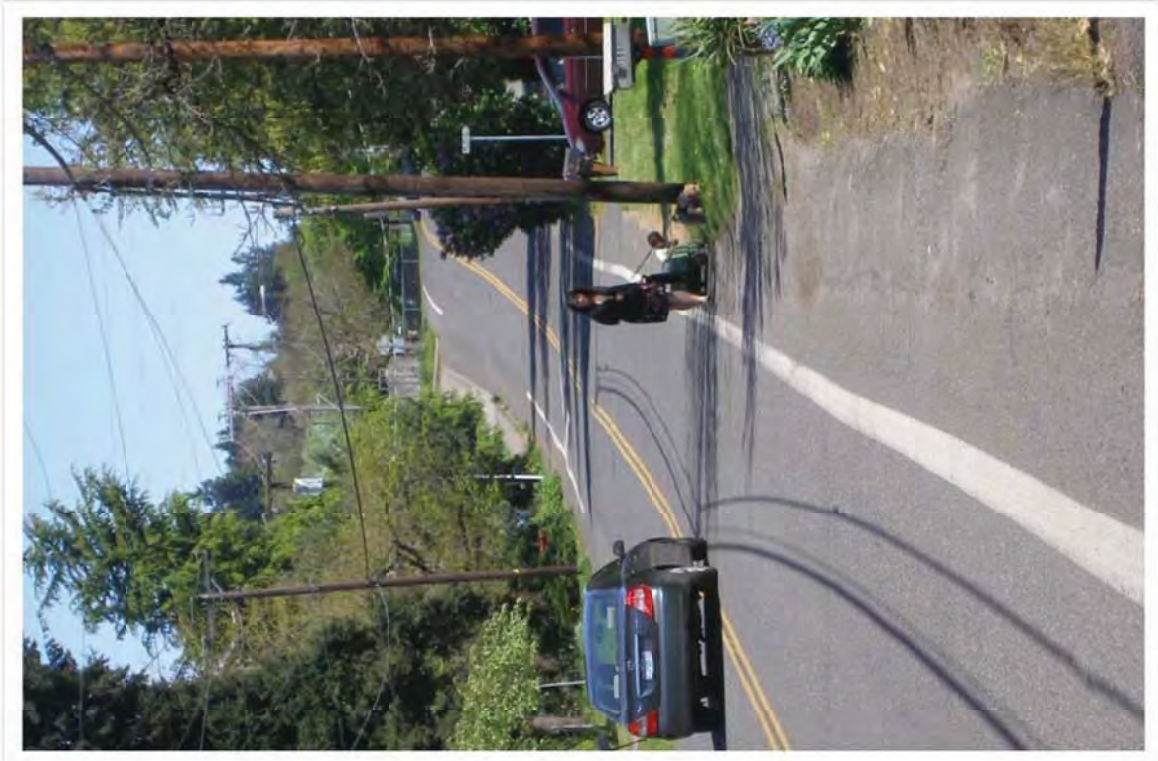
Current Conditions, Hazel Dell Avenue:



Hazel Dell Area Sidewalks

NE Hazel Dell Avenue: North of Alki Rd. to NE 63<sup>rd</sup> St.  
NW 68<sup>th</sup> Street: NW 4<sup>th</sup> Ave. to NE 2<sup>nd</sup> Pl.

Current Conditions, NW 68<sup>th</sup> Street:



Hazel Dell Area Sidewalks  
NE Hazel Dell Avenue: North of Alki Rd. to NE 63<sup>rd</sup> St.  
NW 68<sup>th</sup> Street: NW 4<sup>th</sup> Ave. to NE 2<sup>nd</sup> Pl.

Table 7. Priority Sidewalk Project Connections

Street	From - To	Schools	Parks	Transit	Other
Hazel Dell Ave	NE 105 <sup>th</sup> Ave to NE 102 <sup>nd</sup> St		<ul style="list-style-type: none"> <li>Columbia River</li> <li>Cougar Creek Greenway</li> <li>Stockford Village Park</li> </ul>	<ul style="list-style-type: none"> <li>NW 99<sup>th</sup> St</li> <li>Hazel Dell Ave</li> </ul>	<ul style="list-style-type: none"> <li>Will connect to sidewalk constructed by developer</li> </ul>
NE 142 <sup>nd</sup> Ave	Little Prairie Park - NE 76 <sup>th</sup> St	<ul style="list-style-type: none"> <li>Heritage High</li> <li>Sifton Elem</li> </ul>	<ul style="list-style-type: none"> <li>Little Prairie Park</li> <li>Felida Park</li> <li>Erickson Park</li> </ul>	<ul style="list-style-type: none"> <li>NE 76<sup>th</sup> St</li> </ul>	
NW 119 <sup>th</sup> St*	NW 38 <sup>th</sup> - NE 36 <sup>th</sup> Ave	<ul style="list-style-type: none"> <li>Felida Elem</li> </ul>			
NE 19 <sup>th</sup> Ave/NE 107 <sup>th</sup> St	NE 104 <sup>th</sup> St - Hwy 99	<ul style="list-style-type: none"> <li>Sara J. Anderson Elem</li> </ul>	<ul style="list-style-type: none"> <li>Tenney Creek Park</li> <li>Open space</li> </ul>	<ul style="list-style-type: none"> <li>Hwy 99</li> <li>NE 88<sup>th</sup> St</li> </ul>	
NE 21 <sup>st</sup> Ave	NE 91 <sup>st</sup> St - NE 86 <sup>th</sup> Cit				
NE 50 <sup>th</sup> Ave	NE 99 <sup>th</sup> St - NE 109 <sup>th</sup> St	<ul style="list-style-type: none"> <li>Gaiser Jr. High</li> </ul>	<ul style="list-style-type: none"> <li>Lalonde Park</li> </ul>	<ul style="list-style-type: none"> <li>NE 99<sup>th</sup> St</li> </ul>	<ul style="list-style-type: none"> <li>I-205 crossing</li> </ul>
NE 58 <sup>th</sup> Av	NE 78 <sup>th</sup> St - NE 69 <sup>th</sup> St		<ul style="list-style-type: none"> <li>Minnehaha Park</li> </ul>	<ul style="list-style-type: none"> <li>NE 78<sup>th</sup> St</li> </ul>	<ul style="list-style-type: none"> <li>Few alternative streets</li> </ul>
NE Parkview Dr/ NE 113 <sup>th</sup> St	NE Hwy 99 - NE 30 <sup>th</sup> Ave		<ul style="list-style-type: none"> <li>Salmon Creek Park</li> <li>Sorenson Park</li> </ul>	<ul style="list-style-type: none"> <li>Hwy 99</li> </ul>	
NW 21 <sup>st</sup> Ave	NW 111 <sup>th</sup> St - NW 101 <sup>st</sup> St	<ul style="list-style-type: none"> <li>Lakeshore Elem</li> </ul>	<ul style="list-style-type: none"> <li>Lakeshore Park</li> </ul>	<ul style="list-style-type: none"> <li>NW 21<sup>st</sup> Ave</li> </ul>	
NW 68 <sup>th</sup> St	NW 3 <sup>rd</sup> Ave - Hazel Dell Ave	<ul style="list-style-type: none"> <li>Hazel Dell Elem</li> </ul>	<ul style="list-style-type: none"> <li>Jorgenson Park</li> </ul>	<ul style="list-style-type: none"> <li>Hazel Dell Ave</li> </ul>	<ul style="list-style-type: none"> <li>Vancouver</li> </ul>

\* To be constructed after pending development.