84th St NE & 163rd Ave NE
Intersection Improvements
Snohomish County

2019 PSRC Rural Town Center & Corridors
Project Location & Regional Importance

- 84th St NE is a two lane Rural Minor Arterial on the Metropolitan Transportation System

- Connects two State Highways on the Regional Freight & Goods Transportation System (SR 9 to the west and SR 92 to the east)

- Transport natural resources

- Accesses major recreational opportunities in the Mt Baker-Snoqualmie National Forest

- Connects Cities of Marysville & Arlington to the City of Granite Falls
Existing Conditions

- 84th St NE is a two lane Rural Minor Arterial carrying urban traffic
- 163rd Ave NE is stop controlled at 84th St NE
- Posted speed is 40 MPH with 85th percentile of over 50 mph and an ADT of 15,000
- 160 Collisions including 100 injuries within the corridor between 2013-2017
- 17 crashes at this specific intersection; rear-end and enter-at-angle are most common
- Heavy truck traffic and an increase in traffic volumes

Other Work in the Corridor

- Traffic/speed study on 84th St NE will define safety needs along the corridor both long & short term
- CRAB grant to improve 84th St NE & 115th Ave NE intersection
- Rural Preservation (PSRC) grant for pavement preservation between 99th Ave NE and 131st Ave NE
The 5-year (2013 to 2017) collision total is 171 reported collisions. There were 5 serious injuries in that total and 187 injuries. 59 of the collisions occurred during wet conditions and 44 were at night. 63 of the reported collisions were intersection related, mainly rear-end and enter at angle type. 79 of the reported collision were non-intersection related, and center turn channelization will help reduce those types of collisions along this identified segment. The existing 5-year (2013 to 2017) costs associated with the 171 collisions reported above is in excess of 10 million dollars.
Collision Map at the 84th St NE/163rd Intersection
Proposed Improvements

- Add roundabout or traffic signal with dedicated left turn lanes
- Acquire right of way based on the selected option
- Add shoulders/walkway based on current standards

Benefits

- Improve safety and access between Marysville and City of Granite Falls
- Provides for traffic management & control at the proposed intersection and the nearby intersection of 84th/SR 92
- Traffic movement for Fire District 17 located at the NE corner of the intersection will be improved
# Project Cost & Schedule

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>Preliminary Engineering</td>
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<tr>
<td>Right of Way</td>
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<td>Construction (CE/CN)</td>
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<td><strong>Total Project Cost</strong></td>
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<td>RTCC Grant Ask (CE/CN)</td>
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<td>County Local Match</td>
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* Based on Roundabout option
Questions?

163rd Ave NE

84th St NE