PSRC STP Regional Competition
City of Shoreline Proposed Projects

145th and I-5 Interchange Project
145th Projects

SR 523/(N/NE 145th Street) and I-5 Interchange

SR 523/(N/NE 145th Street) Corridor, Phase 1: I-5 to Corliss
WHAT'S THE PROBLEM?

- Significant traffic congestion and long queues
- No bike facilities across the bridge deck
- Left turns across NE 145th St to access I-5 cause significant back ups
- Substandard to ADA inaccessible sidewalks and crossings
- Significant traffic congestion and long queues
- High number of vehicular and pedestrian accidents at the interchange
DESIGN GOALS

• Improved safety, traffic flow, and travel reliability for all modes.

• Enhance pedestrian and bike access, including improved sidewalks, crosswalks, pedestrian crossing warning signals (proposing RRFBs), and ADA accessible curb ramps.

• Integrates and supports over a billion dollars of regional transit investments planned or under construction in the vicinity of the interchange.
145th Interchange Roundabouts

- Two 11-foot lanes in each direction across the overpass.
- Bridge deck to include 10-foot buffered bike lanes.
- Will enable 35,000 vehicles and over 40,000 transit riders to travel safely and reliably.
An integrated, regional, multi-modal solution

**145th (SR523) / I-5 Interchange Project**  
(City of Shoreline with assumed fund transfer to WSDOT at 30%)
- Two lane RAB
- Reconfigure overpass bridge deck keeping existing sidewalks and installing 10-foot protected bike lane.
- Compatible w/ LLE and Seattle bike improvements.

**145th Corridor Improvements**  
(City of Shoreline)
- 13-foot sidewalk (Phase 1).
- Re-channelization.
- Signal improvements.

**5th Ave NE Two-way shared use path**  
(City of Seattle)
- northbound bike facility.

**Sound Transit BRT improvements**
- Westbound bus and right turn lane
- Sidewalk improvements
SR 523/(N/NE 145th Street) and I-5 Interchange

**Key Project Data**

<table>
<thead>
<tr>
<th>Regional Growth Centers Served</th>
<th>Northgate, Bothell Canyon Park, Downtown Seattle</th>
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<tbody>
<tr>
<td>Grant Request</td>
<td>$4.92 M – STP funds (Construction)</td>
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<tr>
<td>Total Project Cost</td>
<td>$25 M</td>
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<tr>
<td>Preferred Year of Funding</td>
<td>2023</td>
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Regional Connectivity to employment and housing via transit
Supports Corridors Serving Centers Goals

✓ Supports housing and employment in centers
✓ Provides a range of travel modes
✓ Benefits disadvantaged communities
✓ Provides a critical link in system continuity
✓ Improves traffic flow and increases travel speeds
✓ Increases opportunity for active transportation
Essential Projects to Complete by 2024

- **2010 to 2016** Planning
- **2016 to 2019** Design & ROW
- **2019 to 2024** Construction
- **2023 to 2024** System Test

**Projects by Year:**
- **2014 to 2016** Planning
- **2018 to 2020** Planning
- **2018 to 2022** Design & ROW
- **2020 to 2023** Design & ROW
- **2022 to 2023** Construction
- **2023 to 2023** Construction

**Locations:**
- Lynnwood Link Extension
- SR 522/ NE 145th BRT
- I-5 & 145th Street Interchange