Route 7 Transit-Plus Multimodal Corridor
Transit Advisory Board
Our mission, vision, and core values

**Mission**: deliver a high-quality transportation system for Seattle

**Vision**: connected people, places, and products

Committed to 5 **core values** to create a city that is:
- Safe
- Interconnected
- Affordable
- Vibrant
- Innovative

For all
Transit-Plus delivery approach

RapidRide lines (with Metro)
• G Line (Madison)
• H Line (Delridge)
• Roosevelt

Transit-Plus lines (SDOT)
• Route 7 (Rainier)
• Route 44 (Market)
• Route 40 (Fremont/Ballard)
• Route 48 (23rd Ave)
Route 7 Transit-Plus Multimodal Corridor

• A series of investments along Rainier Ave S that will make buses more reliable, make it safer and easier to get to bus stops, and respond to community needs and priorities

• Early design elements at a glance:
  • Dedicated bus lanes at various locations
  • Better pedestrian crossings including new traffic signals, curb bulbs, and curb ramps
  • Sidewalk and pavement repair
  • Better connections for people biking at spot locations

• Reviewing design elements and locations to determine feasibility, cost/benefit, and community priorities

• Implementation: 2019-2022
Route 7 and Rainier Ave S today

• High-ridership route: more than 11,000 daily riders

• Scheduled every 10 minutes or better though most of the day

• Frequently delayed by congestion

• Rainier Ave S: highest crash corridor in the city

• Survey found riders use the 7 to get to destinations like grocery stores and community centers – more so than as a commuter route
Project status update

• Transit-Plus program included in 2015 Levy to Move Seattle

• 2016-17: Partnership with King County Metro for “RapidRide Expansion Program”

• 2018 Levy assessment: Change in approach to focus on transit speed and reliability investments and access to transit

• Currently assessing potential improvements and moving towards 30% design in Fall 2019
Rainier transit partnership and coordination

**SDOT**
- Develop transit priority and access investment concepts
- Partner with other Levy projects for phased delivery
- Route 7 Transit-Plus to be complete in 2022

**King County Metro**
- Update Route 7 to RapidRide
- Update stations, service, and speed
- Open in 2024
## Potential project elements (currently in early design)

<table>
<thead>
<tr>
<th>Element</th>
<th>Description/Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Channelization/Queue jumps (Jackson St to Massachusetts St)</td>
</tr>
<tr>
<td>2</td>
<td>New northside intersection crossing at eastbound I-90 off-ramp</td>
</tr>
<tr>
<td>3</td>
<td>Northbound bus lane between Massachusetts and Bayview</td>
</tr>
<tr>
<td>4</td>
<td>New signal at S Grand St*</td>
</tr>
<tr>
<td>5</td>
<td>Curb bulb on west side of 21st Ave/Grand St</td>
</tr>
<tr>
<td>6</td>
<td>New signal at S College St</td>
</tr>
<tr>
<td>7</td>
<td>Bus lanes near MLK/Rainier intersection</td>
</tr>
<tr>
<td>8</td>
<td>Protected left turns at Walden</td>
</tr>
<tr>
<td>9</td>
<td>Prevent mid-block turns between Charlestown and Andover (near Safeway)</td>
</tr>
</tbody>
</table>

*anticipate significant funding contribution from another program*
## Potential project elements (currently in early design)

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<tbody>
<tr>
<td>10</td>
<td>New pedestrian signal at S Adams St*</td>
</tr>
<tr>
<td>11</td>
<td>Rainier Valley Neighborhood Greenway routing improvement at Alaska*</td>
</tr>
<tr>
<td>12</td>
<td>Refresh existing “paint/post” center median at 39th</td>
</tr>
<tr>
<td>13</td>
<td>Curb bulbs at Brandon</td>
</tr>
<tr>
<td>14</td>
<td>Refresh existing “paint/post” curb bulbs and median at Findlay</td>
</tr>
<tr>
<td>15</td>
<td>Neighborhood Greenway Connection across Rainier at Mead*</td>
</tr>
<tr>
<td>16</td>
<td>Refresh existing “paint/post” curb bulbs and median at Mead</td>
</tr>
<tr>
<td>17</td>
<td>Refresh existing “paint/post” curb bulbs and median at Findlay</td>
</tr>
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*anticipate significant funding contribution from another program*
Rainier corridor projects and partnerships

• ITS (signal) upgrades in 2019
• Vision Zero Phase 2 (intersection improvements in 2019 and new bus lanes in 2020 between Kenny and Henderson)
• King County Metro and the RapidRide Rainier project
• Seattle Transportation Benefit District (STBD)
• Accessible Mt Baker
• Safe Routes to School
• Pedestrian Master Plan
• Bicycle Master Plan
Rainier Vision Zero – Intersection improvements and bus lanes in sections in 2019

1. Rainier & Graham Safe Routes to School
   - Replace crossing pole
   - Improve bus drop zone
   - New lane configuration with northbound/best eastbound bus lanes

2. Rainier & Holly
   - Replace pedestrian push buttons with ADA accessible buttons
   - Replace sidewalk
   - Replace corner traffic
   - Improve bus drop zone

3. Rainier & Othello
   - Replace pedestrian push buttons with ADA accessible buttons
   - Repair sidewalk
   - Replace corner traffic
   - New lane configuration with northbound/best eastbound bus lanes

4. Rainier & Rose
   - Replace crossing pole
   - Improve bus drop zone
   - New lane configuration with northbound/best eastbound bus lanes

5. Rainier & Cloverdale
   - Change signal timing to give pedestrians a head start
   - New lane configuration with northbound/best eastbound bus lanes

6. Rainier & Henderson
   - New school bus lanes
   - Reduce pedestrian load time

LEGEND
- Bus lane to replace 1 travel lane (right turns only)
- Neighborhood Greenway
- Improves bus stop
- Improve stop sign visibility
- Install new reflectors along lane line
- Optimize traffic signal timing

May 22, 2019
Seattle Department of Transportation
Rainier Vision Zero – Full rechannelization in 2020

TYPICAL FUTURE STREET LAYOUT

- Southbound driving lane
- Center turn lane
- Northbound driving lane
- Bus lane or parking lane (right turns ok)
- Bus lane (right turns ok)

TYPICAL EXISTING STREET LAYOUT

*Illustration not to scale*
## Current schedule

<table>
<thead>
<tr>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vision Zero safety and bus improvements between Kenny/Henderson</td>
<td>Vision Zero bus lanes between Kenny/Henderson</td>
<td>Transit-Plus builds project elements throughout Rainier Ave S</td>
<td>Sound Transit opens Judkins Park Light Rail station (planned)</td>
<td>King County Metro begins RapidRide Rainier service (planned)</td>
<td>Accessible Mt. Baker near term improvements (planned)</td>
</tr>
<tr>
<td>Study Transit-Plus design concepts</td>
<td>STBD transit spot improvements</td>
<td>Finalize Transit-Plus design concepts</td>
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Keep in touch

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www.seattle.gov/transportation/RainierTransitPlus