Project description

Purchase 8 high capacity buses to support the establishment of new bus rapid transit service from Lynnwood to Burien.
I-405 Bus Rapid Transit

37-mile corridor: Lynnwood to Burien

- 11 stations across 8 cities
- 3 new/expanded parking facilities
- Transit centers at Lynnwood, Bellevue, Renton, and Burien
- Up to 26,400 riders daily by 2040
Fast, frequent, reliable service

Bus Rapid Transit infrastructure designed for fast, frequent and reliable service

- 10-minute peak, 15-minute off-peak frequency
- Up to 19 hours of service Monday through Saturday
- Up to 17 hours on Sunday
### I-405 BRT travel times

#### AM peak hour travel times to Bellevue

<table>
<thead>
<tr>
<th>Line</th>
<th>Description</th>
<th>Time (min)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>North Line – Lynnwood to Bellevue</strong></td>
<td>ST Express (existing)</td>
<td>57</td>
</tr>
<tr>
<td></td>
<td>ST3 representative project’</td>
<td>50-55</td>
</tr>
<tr>
<td></td>
<td>I-405 BRT proposed refined project’</td>
<td>46-51</td>
</tr>
<tr>
<td></td>
<td>I-405 BRT with north express toll lanes</td>
<td>33-38</td>
</tr>
<tr>
<td><strong>South Line – Burien to Bellevue</strong></td>
<td>ST Express (existing)</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td>ST3 representative project’</td>
<td>45-49</td>
</tr>
<tr>
<td></td>
<td>I-405 BRT proposed refined project’</td>
<td>38-42</td>
</tr>
</tbody>
</table>

*Preliminary travel time estimates for planning purposes, subject to change. Existing travel times are average times. Year 2025 estimates assume new express toll lanes are open between Renton to Bellevue. Updated information will be provided prior to beginning service.*
**Purpose and need**

- Congestion up to 10 hours/day
- Cost of delay - $2,900 annually per driver
- Current transit travel time of 57 minutes between Lynnwood and Bellevue
- Many ST Express bus trips serving I-405 corridor are near or above seated capacity.
- Impacts freight movement – I-405 carries twice the amount of freight shipped each year through the Port of Seattle.
Regional Growth Centers – North Line

• Connects four regionally designated centers – Bellevue Downtown, Kirkland Totem Lake, Bothell Canyon Park, and Lynnwood
  - 27,200 residents
  - 62,400 jobs

• Provides connections to three other regionally designated centers – Renton, SeaTac, and Burien
Regional Growth Centers – South Line

• Connects four regionally designated centers – Bellevue Downtown, Renton, SeaTac, and Burien
  ➢ 12,600 residents
  ➢ 15,200 jobs

• Provides connections to three other regionally designated centers – Kirkland Totem Lake, Bothell Canyon Park, and Lynnwood.
Demographics

• ~510,000 people live in the eight cities served by the project.

• Up to 33% of households have annual incomes < $50,000 – four station areas exceed region-wide poverty rate.

• Half of the station areas have elderly populations > region-wide average

• Highly impacted communities in three station areas.
Transportation benefits

- Reduces transit travel time 30-44 minutes daily
- Up to 26,400 riders each weekday
- Benefits a range of travel modes
  - Access to Link light rail at three stations
  - Access to local and express bus routes at all stations including SR 522 BRT at SR 522/I-405 Transfer Hub in Bothell.
  - ST policy to maximize pedestrian and bicycle access at all stations
Environmental and health benefits

• Expected to reduce up to 84.5 million VMT annually

• BRT accessed from several regionally significant trails

• Bicycle/pedestrian improvements at stations (pedestrian bridge connects BRT to Tukwila International Blvd light rail station)

• ST’s Access Allowance program funds improvements to create safe, direct walking and bicycling routes
Economic benefits

- Connects eight cities expected to have 567,768 jobs by 2035 – 31% over current numbers.

- Amazon plans to build a 43-story tower across the street from the Bellevue Downtown I-405 BRT stop (15,000 Amazon employees planned)

- Construction supports 9,355 direct and indirect jobs.

- Three stations located in Opportunity Zones – areas eligible for tax incentives to encourage development and job creation in underserved communities.
**TOD at Totem Lake BRT Station and Kingsgate P&R**

- 2-4 acres available for TOD
- TOD Land Use Policies have been adopted by the City
- Zoning changes to support TOD
  - building height increases to 5-6 stories
  - allowing hotels and assisted living
  - affordable housing requirements (at least 20-25%)
TOD at Totem Lake BRT Station

I-405 Bus Rapid Transit

Kingsgate Park-and-Ride Transit-Oriented Development Feasibility Study

Authorizing Legislation: ESB 5096

November 2018
TOD at South Renton Transit Center

Project station area

Preferred layout scheme
South Renton Transit Center
# Project schedule

<table>
<thead>
<tr>
<th>Milestones</th>
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</thead>
<tbody>
<tr>
<td>Planning</td>
<td>2016-2019</td>
</tr>
<tr>
<td>Design</td>
<td>2020-2023</td>
</tr>
<tr>
<td>Construction</td>
<td>2023-2025</td>
</tr>
<tr>
<td>Initiate Bus Procurement</td>
<td>2021</td>
</tr>
<tr>
<td>Start of Revenue Service</td>
<td>2024</td>
</tr>
</tbody>
</table>

ST’s I-405 BRT work coordinated with WSDOT work on I-405
CMAQ request

• $7.3M request to procure 8 unfunded BRT buses
• Bus Procurement is NEPA CE
• Local match available to obligate funds immediately
Questions?