Connecting Woodinville to the Region
SR 522 BRT Project Refinement
Woodinville City Council
April 7, 2020
What we'll cover today

• Who we are
• Sound Transit 3 (ST3) Investments
• SR 522/405 Stride BRT
• Woodinville service recommendations
40% of the state’s population
ST Express regional bus

- 28 routes in 2020
- 63,000 average weekday boardings in 2018
Link light rail

• Gets you out of traffic: UW to Westlake in 6 minutes
• Every six minutes in peak hour
• 76,000 average weekday boardings in 2018
Sounder trains

• Service from Lakewood and Everett to Seattle
• Primarily during commute hours
• Special sports game-day trains
• Served over 18,000 daily riders in 2018
System Expansion
Approved by voters

1996 Sound Move
• 21 new Link light rail stations
• 82 miles of Sounder commuter rail
• 18 ST Express bus routes

2008 ST2
• 25 new Link stations
• More Sounder trips
• Sounder south stations parking and access
• Express bus expansion

2016 ST3
• 37 new Link stations
• Three new bus rapid transit routes
• Sounder north stations parking and access improvements
• Sounder south track, signal and platform improvements for more service, longer trains
System Expansion

Connecting 16 cities with 116 miles of light rail

Traffic-free commutes to major cities in Central Puget Sound
East King County

A  Link – Seattle to Redmond Technology Center
B  Link – Redmond Technology Center to downtown Redmond
C  Link – South Kirkland to Issaquah
D  I-405 BRT – Lynnwood to Burien
E  SR 522 BRT – Kenmore to Woodinville
F  North Sammamish Park & Ride
Light Rail to Bellevue opens 2023

- Connects Redmond to downtown Seattle, University of Washington and Northgate
- 10 new stations, 14 miles
- Bellevue to downtown Seattle: 23 minutes
Stride Bus Rapid Transit

*Beginns running in 2024/2025*

- Serving north, east and south of Lake Washington
- Fast, frequent, reliable
- Connecting to Link light rail at Shoreline, Lynnwood, Bellevue, Tukwila
Connecting the region

**LINK connections**

**I-405 BRT**
- Redmond-Seattle-Lynnwood
  Lynnwood City Center & Bellevue Downtown
- Issaquah-Bellevue-South Kirkland
  Bellevue Downtown
- Everett-Seattle-West Seattle
  Lynnwood City Center
- Ballard-Tacoma
  Tukwila International Boulevard Station

**SR 522 BRT**
- Redmond-Seattle-Lynnwood
  Shoreline South/145th
- Everett-Seattle-West Seattle
  Shoreline South/145th
**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
- Estimated 25,800 riders daily by 2040
SR 522 / NE 145th Bus Rapid Transit

8-mile corridor: Shoreline to Bothell

• 12 stations across 6 cities
• Connects to Link light rail in Shoreline & I-405 Stride BRT in Bothell
• 3 new parking facilities
• Estimated 8,800 riders by 2040
• Representative Project
522 BRT Project Refinements

SR 522/NE 145th Bus Rapid Transit (BRT) Refined Project Map

- Proposed SR 522/NE 145th BRT route
- Existing Business Access and Transit (BAT) lane
- Proposed BAT lane
- Proposed turn pocket addition
- BAT lanes under construction (expected completion 2021)
- Woodinville service options under evaluation
- 1-405 BRT route
- BRT station
- Transit Hub
- Proposed parking facilities
- City boundaries
- Future Link light rail station

Sound Transit
Bothell Connection Update

Initial Conceptual Design for I-405/522 transit hub
Connecting Woodinville to the Region
Sound Transit 3 (ST3) includes bus service to Woodinville to connect residents to the high capacity transit network

- ST3 commitment is service only – no capital improvements
- Included an assumption that every other bus from the SR 522 / NE 145th BRT representative project would service Woodinville
Representative Project
Woodinville Network

- Every other SR 522 BRT bus connects to Woodinville (20 min headways)
- No stops between Bothell and Woodinville Park and Ride
Woodinville Analysis (Phase 1)

Woodinville service from representative BRT project not preferred for two main reasons:

- Service not forecast to meet the major travel needs of the Woodinville community
- Unreliability of the Bothell-Woodinville segment would impact overall reliability of the entire 522 BRT corridor
Goals for Woodinville Service

1. Implement the ST3 plan and connect Woodinville to high-capacity transit service.
2. Provide overall service to Woodinville at or better than existing service levels.
3. Connect Woodinville riders to key destinations and connection points.
4. Provide complementary and integrated services with transit partners.
5. Provide service that supports efficient and reliable BRT operations.
Woodinville Travel Patterns

Destinations for All Commutes from Woodinville

- Redmond: 28%
- Seattle: 22%
- Bellevue: 13%
- Everett: 11%
- Kirkland: 7%
- Bothell: 6%
- Woodinville: 3%
- Renton: 3%
- All Others: 8%

Transit Commute Destinations from Woodinville

- Seattle: 74%
- Bellevue: 16%
- Redmond: 3%
- Bothell: 2%
- All Others: 5%
Option 1

- Peak-period ST Express route between Woodinville and Bellevue
- Off-peak ST Express route between Woodinville and Bothell
Option 2

- Peak only ST Express route between Woodinville and Bellevue
## Service Metrics

<table>
<thead>
<tr>
<th></th>
<th>522 BRT Representative Project</th>
<th>Option 1: Woodinville to Bellevue (peak) and Bothell (off-peak &amp; weekends)</th>
<th>Option 2: Woodinville to Bellevue (peak-only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supports Efficient and Reliable 522 BRT operations</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Frequency of Service to Woodinville</td>
<td>20min peak/off-peak</td>
<td>20min peak/off-peak</td>
<td>15min peak-only</td>
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<td>Peak Travel Time to Primary Employment Centers</td>
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<td></td>
<td></td>
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<tr>
<td>Redmond</td>
<td>50 min (+2 transfers)</td>
<td>45 min (+1 transfer)</td>
<td>45 min (+1 transfer)</td>
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<tr>
<td>Seattle</td>
<td>60 min (+1 transfer)</td>
<td>50 min (+1 transfer)</td>
<td>50 min (+1 transfer)</td>
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<tr>
<td>Bellevue</td>
<td>40 min (+1 transfer)</td>
<td>30 min</td>
<td>30 min</td>
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Recommendation: Option 1

1. Best service to meet Woodinville travel patterns
2. Provides all-day, all-week connection to the high capacity transit network
3. Branded as ST Express
4. Consistent with all ST service, Woodinville routes will be subject to ongoing evaluation and adjustment based on performance
Option 1
Woodinville Network

- More connections to the high capacity transit network
- Additional stops in Woodinville
Next Steps

1. SR 522/NE 145th BRT Elected Leadership Group meeting April 14th
2. Sound Transit Board approval of SR 522 Project to be Built (mid-late 2020)
3. Sound Transit ST Express evaluation process
Thank you.

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