Connecting the region

Lynnwood City Council

August 15, 2011
North Corridor Accomplishments

Link light rail
• Service from Seattle to SeaTac – 2009
• First Hill Streetcar - coming 2014

Sounder commuter rail
• 4 round-trip trains - Everett to Seattle 2003
• Special weekend Mariners/Seahawks service
• New Edmonds Station opened July 2011

ST Express regional bus service
• Fast, all-day buses started 1999
• ST Express 510, 511, 522 serve NE 145th

Transit facilities
• Ash Way Park-and-Ride - 1999
• Lynnwood/ SR 99 Transit Lanes - 2003
• Lynnwood TC & HOV Direct Access - 2004
• Ash Way HOV Direct Access project – 2005
• Mountlake Terrace Freeway Station - 2011
The big challenge:
Long term revenues down 25%
University Link: Downtown Seattle to UW

- 3.1 miles
- 2 stations
  - Capitol Hill
  - UW
- Under construction
- Opens 2016
North Link: UW to Northgate

- 4.3 miles
- 3 stations
  - Brooklyn (U District)
  - Roosevelt
  - Northgate
- In final design
- Opens in 2021
South Link: Airport to S. 200th

- 1.6 miles
- S. 200th St. Station
- 700 – 1,100 parking stalls
- Design-build project
- Opens in 2016
East Link preferred alternative

- 14 miles
- 12 stations
- PE complete
- Open to Overlake ~ 2022/2023
2010-11: Alternatives analysis
2012-13: Draft EIS & conceptual engineering
2013-14: Final EIS & preliminary engineering
2015-17: Final design; request New Starts grant
2017-19: Permitting & ROW acquisition
2018: Sign New Starts grant agreement
2019-23: Construction
2023: Testing & start of service
Initial North Corridor BRT & light rail alternatives
AA screening process

- Initial screening
- Level 1 evaluation
- Level 2 evaluation
- Board selects alternatives to advance to DEIS
Most promising alternatives
<table>
<thead>
<tr>
<th>Measure</th>
<th>SR 99 All-Elevated LRT</th>
<th>I-5 At-Grade/Elevated LRT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length / stations</td>
<td>10.2 miles / 5</td>
<td>8.5 miles / 4</td>
</tr>
<tr>
<td>Frequency</td>
<td>4/10 minutes peak/off-peak 42</td>
<td>4/10 minutes peak/off-peak 32</td>
</tr>
<tr>
<td>Vehicles required</td>
<td>42</td>
<td>32</td>
</tr>
<tr>
<td>Travel time Lynnwood-Northgate</td>
<td>18 minutes</td>
<td>14 minutes</td>
</tr>
<tr>
<td>2030 daily riders</td>
<td>48,000 per day</td>
<td>52,000 per day</td>
</tr>
<tr>
<td>2030 new riders / hrs saved</td>
<td>3.9 M / 3.8 M per year</td>
<td>4.5 / 4.6 M per year</td>
</tr>
<tr>
<td>TOD &amp; economic development potential</td>
<td>Weaker in V2040 centers Stronger along the line</td>
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</tr>
<tr>
<td>Property impacts</td>
<td>High commercial Low residential</td>
<td>Low commercial Moderate residential</td>
</tr>
<tr>
<td>Traffic impacts</td>
<td>Minor impacts</td>
<td>Minor improvements</td>
</tr>
<tr>
<td>Construction impacts</td>
<td>Moderate; long duration</td>
<td>Low-moderate; long duration</td>
</tr>
<tr>
<td>Environmental impacts</td>
<td>Moderate (noise, visual, wetlands)</td>
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</tr>
</tbody>
</table>
## SR 99 v. I-5 Light Rail: Costs

### DRAFT

<table>
<thead>
<tr>
<th>Measure</th>
<th>SR 99 Elevated LRT (mid-2010$)</th>
<th>I-5 At-Grade/Elevated LRT (mid-2010$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital Cost</td>
<td>$2,010 - $2,310 M</td>
<td>$1,420 - $1,640 M</td>
</tr>
<tr>
<td>Difference v. I-5 LRT</td>
<td>$590 - $670 M</td>
<td>---</td>
</tr>
<tr>
<td>Difference v. ST Financial Plan*</td>
<td>$470M over to $770 M over</td>
<td>$120 M under to $100 M over</td>
</tr>
<tr>
<td>Cost per New Passenger in 2030</td>
<td>$41 - $46</td>
<td>$25-$29</td>
</tr>
</tbody>
</table>

* 2011 TIP estimate funded in ST Financial Plan = $1,540 M (mid-2010$)
Next steps

• August: FTA reviews draft AA results
• September: finalize AA & release results; publish EIS Notice of Intent
• October-November: EIS scoping
• November: share scoping results
• December: ST Board approves alternatives to evaluate in DEIS
• January: Begin DEIS
Lynnwood City Center analysis

• Light rail planning for Lynnwood TC to City Center underway
• Work funded by the City to get a sense of possibilities
• Looking at one possible alignment and station location
• Conceptual design, costs, impacts, benefits
• Results in September
Questions?

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