Today’s Topics

• Approval of Oct 29 Meeting Minutes

• Project Scope and Cost Estimate Resolution
  ▪ Responses to Oct 29 CMC Questions
  ▪ CAC and BAC Statements
  ▪ Discussion
  ▪ Approval

• Next Steps
Project Scope and Cost Estimate Resolution
Responses to Oct 29 CMC Questions
Peer New Starts Projects

- Minneapolis–St. Paul (2)
- Seattle
- Santa Ana
- New York
- Durham
- Fort Lauderdale

September 2015 Status
Peer New Starts Projects

- Seattle
- Minneapolis–St. Paul (2)
- San Diego
- Denver, CO
- Fort Worth
- Houston
- Los Angeles
- Santa Ana
- New York
- Maryland/D.C. Area
- Durham
- Orlando
- Fort Lauderdale

September 2015 Status
Peer New Starts Projects

- Seattle
- Minneapolis–St. Paul (2)
- San Diego
- New York
- Los Angeles (3)
- Denver, CO (2)
- Santa Ana
- Portland
- San Francisco
- San Jose
- Maryland/D.C. Area
- Durham
- Charlotte
- Orlando
- Fort Lauderdale
- Boston
- Houston
- Fort Worth
- Honolulu

September 2015 Status
## Peer New Starts Projects

<table>
<thead>
<tr>
<th>Project Name</th>
<th>City</th>
<th>Phase</th>
<th>Length (miles)</th>
<th>Stations</th>
<th>Ridership (Forecast Year)</th>
<th>Overall Ranking</th>
<th>Total Capital Costs (YOE)</th>
<th>% Section 5309 Funding</th>
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</thead>
<tbody>
<tr>
<td>Mid Coast Corridor LRT</td>
<td>San Diego</td>
<td>Project Development</td>
<td>10.9</td>
<td>9</td>
<td>34,700 (2035)</td>
<td>Medium-High</td>
<td>$2,112 M</td>
<td>49.4%</td>
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<tr>
<td>University Corridor LRT</td>
<td>Houston</td>
<td>Engineering</td>
<td>11.3</td>
<td>19</td>
<td>49,000 (2030)</td>
<td>Medium</td>
<td>$1,563 M</td>
<td>50.0%</td>
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<td>Portland-Milwaukie LRT</td>
<td>Portland-Milwaukie</td>
<td>Full Funding Grant Agreement</td>
<td>7.3</td>
<td>10</td>
<td>22,800 (2030)</td>
<td>Medium-High</td>
<td>$1,490 M</td>
<td>50.0%</td>
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<td>METRO Blue Line Extension</td>
<td>Twin Cities</td>
<td>Project Development</td>
<td>13.5</td>
<td>11</td>
<td>27,000 (2040)</td>
<td>n/a</td>
<td>$1,488 M</td>
<td>49.0%</td>
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</tbody>
</table>

Unless otherwise noted, project data is sourced from the FTA’s current project descriptions. ([http://www.fta.dot.gov/12304_14366.html](http://www.fta.dot.gov/12304_14366.html))

1) These values were sourced from the FTA’s 2016 "Annual Report on Funding Recommendations."
Project Cost Drivers

- Advanced Engineering: $202M
- Inflation: $60M
- New Scope Requirements: $224M

Other Cost Drivers:
- LRT Bridges: $67M
- Plymouth Ave Sta.: $13M
- Olson Mem. Hwy: $23M
- Freight Rail Requirements: $53M
- Road Network N. TH610: $37M
Advanced Engineering Cost Drivers

- Poor soils mitigation
- Retaining walls
- Two additional light rail vehicles
- Additional trackwork: special trackwork at stations and non-revenue track to Operations and Maintenance Facility
- Additional park and ride at Bass Lake Rd
Golden Valley Rd Station

• As a result of continued work and collaboration with BPO, Minneapolis Park and Recreation Board, and City of Golden Valley, a cost estimate for the following items was generated:
  - Golden Valley park and ride
  - Golden Valley Rd and Theodore Wirth Pkwy intersection
  - Trail connections (unscoped)

• Cost estimate: $8 million
Community and Business Advisory Committee Statements
CMC Resolution
Discussion/Approval
Next Steps
Project Scope and Cost Estimate Rollout: Next Steps

• Request approval on scope and cost estimate
  - Transportation Committee: Nov 23
  - Metropolitan Council: Dec 9
A Look Ahead: Design & Engineering

• Dec 2015: Submit Municipal Consent Plans for City and County Review

• Mar 2016: Complete Municipal Consent Approval Process

• Aug 2016: Finalize 30% Design Plans and Specs

• Aug 2016: Apply to Enter Engineering
More Information

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Twitter: @BlueLineExt