Federal Way Link Extension
Project Budget & Schedule
Baseline

Board of Directors | September 27, 2018
Project Corridor Map

OPENING FOR REVENUE SERVICE
2024

PROJECT CORRIDOR LENGTH
7.8 Miles

PROJECT CORRIDOR TRAVEL TIME
12 Minutes

2035 DAILY RIDERSHIP
36,500 Riders

Diagrams are for illustration purposes only and are not to scale.
<table>
<thead>
<tr>
<th>Year</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-15</td>
<td>Planning, PE, Environmental</td>
</tr>
<tr>
<td>2016</td>
<td>Record of Decision</td>
</tr>
<tr>
<td>2017</td>
<td>Right of Way Acquisition</td>
</tr>
<tr>
<td>2018</td>
<td>Design &amp; Construction</td>
</tr>
<tr>
<td>2019</td>
<td>Float</td>
</tr>
<tr>
<td>2020</td>
<td>Revenue Service</td>
</tr>
</tbody>
</table>

We are here

Baseline Project

Issue RFP
Project Readiness

• All Property Acquisitions Board Approved
• Design Build Request for Proposal Complete
• Design Build Proposer Teams Shortlisted
• Updated Schedule and Cost Estimate Complete
• Collaborative Risk Assessment with FTA Complete
Today’s Action

1. Baseline the Federal Way Link Extension Project
   - Scope
   - Schedule
   - Budget

2. Reduce the 2018 annual project budget
**Single Design Build Contract**

**Public Involvement**
- Conversations with property owners
- Groundbreaking
- Construction updates and mitigation
- Safety education
- Testing and pre-operations

**Design**
- 1–3 years
- Final route design
- Final station designs
- Procure and commission station and public art
- Obtain land use and construction permits

**Construction**
- 5+ years
- Conversations with property owners
- Groundbreaking
- Construction updates and mitigation
- Safety education
- Testing and pre-operations

**Start of Service**
## Proposed Baseline Schedule

<table>
<thead>
<tr>
<th>Key Schedule Milestones</th>
<th>Date</th>
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<tbody>
<tr>
<td>Baseline Project</td>
<td>Q3 2018</td>
</tr>
<tr>
<td>NTP to Design Build Contractor</td>
<td>Q3 2019</td>
</tr>
<tr>
<td>ROW Acquisitions Complete</td>
<td>Q1 2020</td>
</tr>
<tr>
<td>50% Design/Construction Complete</td>
<td>Q4 2021</td>
</tr>
<tr>
<td>Design Build Contractor Substantial Completion</td>
<td>Q4 2023</td>
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<tr>
<td>Revenue Service</td>
<td>Q4 2024</td>
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## Proposed Baseline Budget

<table>
<thead>
<tr>
<th>Budget Phase</th>
<th>Baseline Budget (YOE$)</th>
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<tbody>
<tr>
<td>Administration</td>
<td>$96,520,000</td>
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<tr>
<td>Preliminary Engineering</td>
<td>$43,669,000</td>
</tr>
<tr>
<td>Final Design</td>
<td>$3,085,000</td>
</tr>
<tr>
<td>Construction Services</td>
<td>$107,006,000</td>
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<tr>
<td>Third Parties</td>
<td>$27,741,000</td>
</tr>
<tr>
<td>Construction</td>
<td>$1,831,949,000</td>
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<tr>
<td>Right of Way</td>
<td>$341,565,000</td>
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<tr>
<td><strong>Federal Way Project Total</strong></td>
<td><strong>$2,451,535,000</strong></td>
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</table>
Federal Partnership

• Pursuing a Full Funding Grant Agreement
• Grant would be 25% of proposed project budget
• Mitigating uncertainty at Federal level
Risk Assessment Results

COST

Risk Model 85% Confident Project Cost at or below $2.451B

SCHEDULE

Risk Model 85% Confident Revenue Service at or ahead of Q4 2024
Top Risks

- Construction Market Conditions
- Property Acquisition and Relocation Costs
- Uncertainty at Federal Level
- Timely 3rd Party Approvals
- Differing Site Conditions
FEDERAL WAY LINK EXTENSION: Project Allocation to Date $412.6M

ALLOCATION

$412.6M

COMMITMENTS

Proj. Dev.

Uncommitted $314.2M

Design Build

Prelim. Engineering $43.4M

Right of Way $34M

Agency Administration, Final Design, Construction Svcs and Third Party $21M

Approved

Today’s Action

Future Action

Illustrative - Not to Scale
FEDERAL WAY LINK EXTENSION: Board Approves Baseline $2,451.5M

<table>
<thead>
<tr>
<th>ALLOCATION</th>
<th>$</th>
<th>COMMITMENTS</th>
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</thead>
<tbody>
<tr>
<td>Proj. Dev.</td>
<td>$2,451.5M</td>
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<tr>
<td>Design Build</td>
<td>$2,038.9M</td>
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</table>

- Prelim. Engineering $43.4M
- Right of Way $34M
- Agency Administration, Final Design, Construction Svcs and Third Party $21M
- New Uncommitted $2,038.9M
- Uncommitted $314.2M
## 2018 Annual Project Budget Revision

<table>
<thead>
<tr>
<th>Project Phase</th>
<th>Adopted 2018 Annual Project Budget</th>
<th>Budget Revision</th>
<th>Revised 2018 Annual Project Budget</th>
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<tbody>
<tr>
<td>Administration</td>
<td>$3,804</td>
<td>$2,914</td>
<td>$6,718</td>
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<tr>
<td>Preliminary Engineering</td>
<td>$3,000</td>
<td>$348</td>
<td>$3,348</td>
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<tr>
<td>Final Design</td>
<td>$700</td>
<td>$279</td>
<td>$979</td>
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<td>Construction Services</td>
<td>$4,660</td>
<td>($442)</td>
<td>$4,218</td>
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<td>Third Parties</td>
<td>$2,240</td>
<td>$161</td>
<td>$2,401</td>
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<td>Construction</td>
<td>$2,000</td>
<td>($1,729)</td>
<td>$271</td>
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<td>Vehicles</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
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<tr>
<td>Right of Way</td>
<td>$100,129</td>
<td>($54,144)</td>
<td>$45,985</td>
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<tr>
<td>Total</td>
<td>$116,533</td>
<td>($52,612)</td>
<td>$63,921</td>
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Next Steps

- 2018: Baseline Project
- 2018: Issue Request for Proposal
- 2018: Finalize Agreements
- 2019: Federal Grant Application
- 2019: Begin Design and Construction
- 2020: Complete ROW Acquisition
- 2024: Begin Revenue Service
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