Federal Way Link Extension
Project Budget & Schedule
Baseline

Board of Directors | August, 2018
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**
- Final route design
- Final station designs
- Procure and commission station and public art
- Obtain land use and construction permits

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

**Start of Service**

---

1–3 years

---

5+ years
# Proposed Baseline Schedule

<table>
<thead>
<tr>
<th>Key Schedule Milestones</th>
<th>Date</th>
</tr>
</thead>
<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>
</tr>
<tr>
<td>Revenue Service</td>
<td>Q4 2024</td>
</tr>
</tbody>
</table>
## Proposed Baseline Budget

<table>
<thead>
<tr>
<th>Budget Phase</th>
<th>Baseline Budget (YOE$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$96,520,000</td>
</tr>
<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>
</tr>
<tr>
<td>Third Parties</td>
<td>$27,741,000</td>
</tr>
<tr>
<td>Construction</td>
<td>$1,831,949,000</td>
</tr>
<tr>
<td>Right of Way</td>
<td>$341,565,000</td>
</tr>
<tr>
<td><strong>Federal Way Project Total</strong></td>
<td><strong>$2,451,535,000</strong></td>
</tr>
</tbody>
</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

Illustrative - Not to Scale

<table>
<thead>
<tr>
<th>ALLOCATION</th>
<th>COMMITMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proj. Dev.</td>
<td>$412.6M</td>
</tr>
<tr>
<td>Design Build</td>
<td></td>
</tr>
</tbody>
</table>

$412.6M

Uncommitted $314.2M

Prelim. Engineering $43.4M
Right of Way $34M
Agency Administration, Final Design, Construction Svcs and Third Party $21M


Approved  Today’s Action  Future Action
FEDERAL WAY LINK EXTENSION: Board Approves Baseline $2,451.5M

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

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

Approved | Today’s Action | Future Action
# 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>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$3,804</td>
<td>$2,914</td>
<td>$6,718</td>
</tr>
<tr>
<td>Preliminary Engineering</td>
<td>$3,000</td>
<td>$348</td>
<td>$3,348</td>
</tr>
<tr>
<td>Final Design</td>
<td>$700</td>
<td>$279</td>
<td>$979</td>
</tr>
<tr>
<td>Construction Services</td>
<td>$4,660</td>
<td>($442)</td>
<td>$4,218</td>
</tr>
<tr>
<td>Third Parties</td>
<td>$2,240</td>
<td>$161</td>
<td>$2,401</td>
</tr>
<tr>
<td>Construction</td>
<td>$2,000</td>
<td>($1,729)</td>
<td>$271</td>
</tr>
<tr>
<td>Vehicles</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Right of Way</td>
<td>$100,129</td>
<td>($54,144)</td>
<td>$45,985</td>
</tr>
<tr>
<td>Total</td>
<td>$116,533</td>
<td>($52,612)</td>
<td>$63,921</td>
</tr>
</tbody>
</table>
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
soundtransit.org/system