East Link Extension Update
June 16, 2014 Mercer Island City Council
East Link Extension Update

Agenda

- Project Overview
- Construction Schedule Update
- Transit Integration Study Findings
- Next Steps
- Questions
East Link Extension Overview

**Length:** 14 miles, 10 stations, 4 cities

**Ride times:**
- Mercer Island to UW: 20 min.
- Mercer Island to ISD: 10 min.
- S. Bellevue to Airport: 50 min.
- Overlake Transit Center to Bellevue Transit Center: 10 min.

**Rider Projection:** 50,000 daily by 2030

**Cost Estimate:** $2.8 billion (2010 $)

**Start of Service:** Targeted 2023
I-90 Schedule – Fall 2011


R8A - III

Sep-14 Design/Ad
24 months

Sep-16 Construction
24 months

Sep-21

ST I-90 Center Roadway Construction
54 months total

Jun-22

ST I-90 Testing
6 m

Mar-23

East Link Revenue Service Window

May-14

Advertise

Jul-15

ST East Link : Bellevue to OTC Construction

Feb-22

Integrated Testing/Startup

24 months

54 months total

6 m
What you can expect during final design

**Design milestones**

- **Final design kick-off** (Spring 2013)
- **60 percent design** (Mid 2014)
- **90 percent design** (Early 2015)
- **Start construction** (targeted 2015)

**What to expect:**

- Station design and naming outreach begins
- Lead Artist joins design team from STArt
- Ancillary structures located
- Updated I-90 center roadway construction schedule
- Sound Transit & City of Mercer Island mobility partnership
- Sound Transit Board identifies permanent station name
Community Outreach

30% Design Open House Comments

- station design
- safety and security
- parking
- construction impacts
- station name

Sunday June 29  Mercer Island Farmers Market
Thursday July 10 Mercer Island 60% Design Open House
Saturday & Sunday July 12 & 13  Mercer Island Summer Celebration
Link light rail system and bus service integration

- Extensions to Overlake, South King County, and Lynnwood create opportunities to:
  - Integrate Services to Compliment Each Other
  - Improve Operational Efficiencies
  - Improve Customer Experience
  - Reduce Travel Time
  - Provide Reliable and Frequent Service
I-90 Transit Operations and Access

D2 Transitway

I-90 Bus-Rail Transfers

Mercer Island Parking

East I-90 Bus Service
Regional Connections

- University District
- Mercer Island
- South Mercer Island
- Downtown Seattle
- S. Bellevue Park-and-Ride
- Downtown Bellevue
- Overlake
- Eastgate
- Issaquah Highlands
- Issaquah
- Snoqualmie-North Bend
- Redmond
- Sammamish
- Eastgate
- Issaquah
- Issaquah Highlands
- Snoqualmie-North Bend
- Redmond
- Sammamish
- Potential extension
- To Renton
Mercer Island Station

Station Functionality

- Safe and efficient movement of buses and general purpose traffic
- Adequate curb length for boarding/alighting and layover
- Adequate curb space and appropriate amenities for intending passengers
- Safe and direct pedestrian connections
- Transit operator restroom facility
Scenario 1: FEIS Scenario

- $5 to 6 million capital cost
Scenario 2: Clockwise Scenario

- $6 to 7 million capital cost
Scenario 3: Roundabout at Sunset

- $13 to $18 million capital cost
Scenario 4: Roundabout at N. Mercer Way

- $8 to 11 million capital cost
Potential Efficiencies with Integration

- Travel time is the same or better
- More reliable travel time between Seattle and Mercer Island
- Opportunity to save bus hours for reinvestment
Daily Bus Trips on Mercer Island Would be the Same or Lower Than Today

Integration 2030

FEIS 2030

Existing

Stop on MI
Don't Stop on MI
Scenarios 2 and 3 Best Meet Bus Stop and Layover Needs

- **Scenario 1: FEIS**
  - Bus Stop: 4-7
  - Layover: 4-7

- **Scenario 2: Clockwise**
  - Bus Stop: 7-12
  - Layover: 4-7

- **Scenario 3: Sunset Roundabout**
  - Bus Stop: 4-7
  - Layover: 5-9

- **Scenario 4: N Mercer Way Roundabout**
  - Bus Stop: 4-7
  - Layover: 3-4
All Intersections Meet City or WSDOT Operations Standards

- AM peak hour
  - all 8 study intersections operate at or better than LOS C
- PM peak hour
  - 7 study intersections operate at or better than LOS C
  - 80th Ave & I-90 intersection operates at LOS D in Scenario 1: FEIS and LOS E in the integration scenarios
- Transit Signal Priority may be needed in some locations to ensure reliable bus operations
Potential Environmental Impacts

• No air, noise, or historical impacts anticipated
• Scenario 3: Sunset Roundabout impacts 0.6 acre of park space
• Scenario 4: N. Mercer Roundabout may displace 2 homes
Next Steps

- Transit Rider Outreach in the I-90 Corridor
- Mercer Island Open House July 10, 2014 at the Community Center
- Continued Development of Mercer Island Mobility Mitigation
- Identify Preferred Alternative for Further Development
  - Environmental documentation as needed
  - Design
Questions?