Bonita to Bridgeport Route Evaluation
February 21, 2019
Agenda

• Presentation
  • What is SW Corridor Light Rail?
  • Bonita to Bridgeport route options
  • Decision process

• Station characteristics
Project Benefits

- 30-minute congestion-proof trip from Bridgeport to Portland
- Serves a two-way commute
- Jobs in Tigard, Tualatin
- Park & Ride and bus connections at Bridgeport station
Project Benefits

43,000 rides on the line on an average weekday in 2035

1 in 5 commuters on MAX going southbound from downtown during 2035 PM rush hour
Decision-making

Steering Committee

PMG (executive)

PTL (manager)

Technical staff

CAC and other community engagement
Bonita to Bridgeport

- Exploring options; no decisions have been made
- More public meetings, data for comparing options
- Route decision this spring; current target May
- (Ongoing design work continues for years)

Early 2019
Locally Preferred Alternative (LPA) route between Bonita and Bridgeport

- Draft Environmental Impact Statement (DEIS) identified significant traffic issues at Upper Boones Ferry Rd at-grade crossing

- DEIS received hundreds of comments advocating against Village Inn displacement at Bridgeport station
LPA route

On-Grade LRT Route
Elevated Structure
Impact/Concern

Bonita Station
Upper Boones Ferry Station
Bridgeport Station

NORTH
Exploration of Options
Exploration of Options

LPA route:
Bridgeport station east of 72nd Ave

74th Ave route:
Bridgeport station west of 72nd Ave
Elevated LPA route concept

BONITA

SW 74TH AVE

FANNO CREEK GREENWAY
LPA route: Bonita
LPA route: Upper Boones
LPA route: precedents

Guideway Navigating Infrastructure

Slipping into the Existing Context
Via LPA Route: Bridgeport Station east of 72nd Ave
2018 DEIS Layout

• Station adjacent to bus hub
• Park & Ride south of Bridgeport Rd, with pedestrian bridge
• Impact to Village Inn

A MAX Station
B Bus Hub
C Park & Ride (P&R)
D Mobility Plaza
E Pedestrian Bridge
F Transit Oriented Development (TOD)

SW Great Places Corridor

Bonita to Bridgeport

NORTH
Via LPA Route: Bridgeport Station east of 72nd Ave
2019 Concept B

- Station adjacent to bus hub
- Park & Ride south of Bridgeport Rd, with pedestrian bridge
- Impact to retail
- Potential bus/auto traffic conflicts
- Potential TOD opportunities

A  MAX Station
B  Bus Hub
C  Park & Ride (P&R)
D  Mobility Plaza
E  Pedestrian Bridge
F  Transit Oriented Development (TOD)

Signalized Intersection
Via LPA Route: Bridgeport Station east of 72nd Ave
2019 Concept C

- Station adjacent to bus hub and Park & Ride
- Multiple retail impacts
- Potential TOD opportunities

**Diagram Annotations:**
- A MAX Station
- B Bus Hub
- C Park & Ride (P&R)
- D Mobility Plaza
- E Pedestrian Bridge
- F Transit Oriented Development (TOD)

**Legend:**
- Signalized Intersection

**Map Features:**
- Lower Boones Ferry
- Interstate 5
- Village Inn
- Durham
- Upper Boones Ferry
- 72nd Ave.

**Location:**
- Bonita to Bridgeport
74th Ave route concept
Adjusting 74th Ave

Segment A

Segment B

Segment A - Enlarged

Segment B - Enlarged
74th Ave – example widths

A – With complete amenities

B – Without on-street parking

C – Without multi use path
74th Ave route: Bonita
74th Ave route: Upper Boones
74th Ave route: precedents

Guideway Transition to Structure

Station Bridging Roadway

Station next to Roadway

Guideway Bridging Roadway
74th Avenue Route: Bridgeport Station West of 72nd Ave
2019 Concept E

- Station west of 72nd
- Bus hub, Park & Ride, and Quick Drop east of 72nd
- Pedestrian crossing improvements
- Some impacts to Office/Flex Space

A  MAX Station  C  Park & Ride (P&R)  E  Pedestrian Bridge
B  Bus Hub  D  Mobility Plaza  F  Transit Oriented Development (TOD)

Bonita to Bridgeport
Bonita to Bridgeport

- Exploring options; no decisions have been made
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- Route decision this spring; current target May
- (Ongoing design work continues for years)

Community feedback → Develop designs → Technical review and cost estimates

Early 2019
## Data for comparing options

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<th>LPA Elevated</th>
<th>74th Ave</th>
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Next steps

- Data for comparing options
- Next meeting: trimet.org/swcorridor
- Station characteristics

Early 2019
Station characteristics

Commuter or Community

TriMet Lincoln St Station

Calgary Tuscany Transit Center

Calgary Tuscany Transit Center

Sound Transit Othello Station

Gresham Hatfield Station

Denver Commuter Station
Precedents: Commuter

Seattle Sound Transit – Tukwila Station

TriMet – Sunset Transit Center
Precedents: Community

TriMet Lincoln St
Gold Coast, Australia
The Round in Beaverton
Town Station in Strasbourg, France
Place-making and People

Orenco Station Plaza – A Multi-Purpose Community Space

As an Event Space

As TOD Outdoor Expansion