Portland–Milwaukie Light Rail
TriMet Board Briefing:
Orange Line Opening Status Report

Daniel W Blocher, PE
Executive Director of Capital Projects

August 12, 2015
until MAX Orange Line opens

Saturday, September 12, 2015
Rail Activation Readiness

Project Delivery

Operational Readiness

Opening Events

Opening Day
9/12/2015
Rail Activation Readiness

- Project Delivery
- Operational Readiness
- Opening Events
Project Status

- ~96% physically complete
- $26m remaining to build
  - Systems
  - Vehicles
West Segment
Final Completion Reached on 12/31/14
Ten Type 5 cars are in Revenue Service
Moody – Porter: Recommendation implemented

- Added pedestrian channelization
- Clearly defined mode crossings
Tilikum Crossing
Additional Bike Lane Striping

- Add additional lane stripe
Railroad Crossing Safety Enhancements

SE 8th, 11th, 12th Avenues
Project Safety

Recordable Incident Rate - 67% of state average (4.6 vs. 6.8)
Project Safety

Time Loss Rate - 54% of state average (1.5 vs. 2.8)
Employment Status

Workforce – creating jobs

- 13,932 as of 7/10/15
  - 6,909 Direct Jobs
  - 7,023 Indirect and Induced Jobs
  - 96% of projected 14,500 total

Diversity – providing opportunities

- 562 firms are or have worked on project
- 132 are Disadvantaged Business Enterprises (DBE)
  - Over $173.9 m in contracts
Diversity — July 10, 2015

- People of Color: 630,897 hours (24.4%)
- Women: 220,529 hours (8.5%)
- Apprentices: 451,155 hours (17.4%)

Total construction hours 2,584,364 as of July 10, 2015.

Construction began April 2011
Contingency Update 6/30/15

Available Contingency
June 30, 2015
$72.5 Million

Contingency Amounts

Millions

Entry into FD
1/1/2011
100% IFC Drawings
1/31/2012
FFGA-40% Bid
3/31/2012
25% Construction
6/30/2012
50% Construction
5/31/2013
75% Construction
1/31/2014
90% Construction
8/30/2014
Current (6/30/15)
Revenue Operations
9/12/2015
Close out 12/31/2015
Rail Activation Readiness

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Overall Safety Certification Summary
08/03/2015

99% Complete with Design

81% Complete with Construction

Complete

Remaining

9375, 87%

1370, 13%
Operational Readiness

- **Employee Training**
  - New employee intake is slightly **higher** than planned
  - Graduation rates slightly **more** than planned
  - Attrition rates **slightly** less than planned
  - Monitored weekly against plan
Safety Oversight Reviews

- **FTA Transit Safety and Oversight**
  - Final Report issued **May 29**
  - TriMet provided its response **June 29**

- **Oregon State Safety Oversight**
  - Workshop held July 7 – 10
  - Awaiting final summary letter **first week of August**
  - TriMet will respond within 15 days of receipt
Operational Readiness

- **Emergency Responders Training**
  - Mix of field and table top exercises

- **Table Top**
  - SE 8th Ave and SE Mailwell  
    June 12
  - 17th Ave at Boise  
    June 15

- **Full Scale**
  - Kellogg Crossing  
    June 28
  - Bybee Stations  
    July 12
  - Tilikum Crossing  
    August 2
Operational Readiness

- Simulated Revenue Operations

- August 30 to September 11
Rail Activation Readiness

Project Delivery

Operational Readiness

Opening Events

Opening Day
9/12/2015
Outreach to Institutions and Groups

Schools and Universities
Social Services
Cultural Destination Sites
Visitor Centers
Faith Based Institutions
Bike & Pedestrian Advocacy Organizations
Organizations for Seniors
Organizations for People with Disabilities
Neighborhood & Business Associations

Banner ad from BikePortland.org

Stay safe at new SE Portland quiet zone crossings
MAX Orange Line Opening Events

- **MAY 15**: First Ride
- **JUNE 9**: Safety Preview Rides
- **AUG 6**: Fireworks Celebration
- **AUG 22**: Gala Dinner & First Light Reception
- **SEPT 10**: 9/11 Commemoration
- **SEPT 11**: Grand Opening
Tilikum Crossing People’s Preview
Catch The Orange!

EVENTS

- The Spirit of Details
  May 7, 6:30-9 p.m.
  Reception follows

- Transit On Tap: New MAX, New Connections for Active Transportation
  May 11, 6 p.m.

- Archaeological Finds
  June 1, Noon

- Transit On Tap: Where the Past Meets the Future
  June 11, 6 p.m.

- Transit On Tap with U.S. Congressman Earl Blumenauer
  July 25, 5 p.m.

- Providence Bridge Pedal
  August 9, 11:30 a.m. - Noon

- The People's Preview of Tilikum Crossing
  August 9, 11:30-4:30 p.m.

- Transit on Tap: Art for Everyone
  August 10, 6 p.m.

- MAX Orange Line Fireworks Spectacular
  August 22, 9 p.m.

- Timbers Night
  September 11, 7-9 p.m.

- First Light
  September 10, 9 p.m.

- 9/11 Commemoration and Honoring of First Responders and Veterans
  September 11, 6 p.m.

- Grand Opening Celebration
  September 12, 2016, 11 a.m.

- Grand Ronde Village
  September 12, 2016, 10 a.m. - 5 p.m.

- Sunday Parkways
  September 27, 11 a.m. - 4 p.m.

catchtheorange.com