



PORTLAND-MILWAUKIE
LIGHT RAIL TRANSIT PROJECT



Portland–Milwaukie Light Rail

TriMet Board Briefing: Orange Line Opening Status Report



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Capital Projects*

August 12, 2015



U.S. Department of Transportation
Federal Transit Administration





PORTLAND-MILWAUKIE

LIGHT RAIL TRANSIT PROJECT



31 03 00 26
DAYS HOURS MINUTES SECONDS

until MAX Orange Line opens

Saturday, September 12, 2015

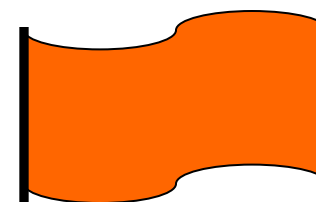


Rail Activation Readiness

Project Delivery

Operational Readiness

Opening Events



Opening Day
9/12/2015



Rail Activation Readiness

Project Delivery

Operational Readiness

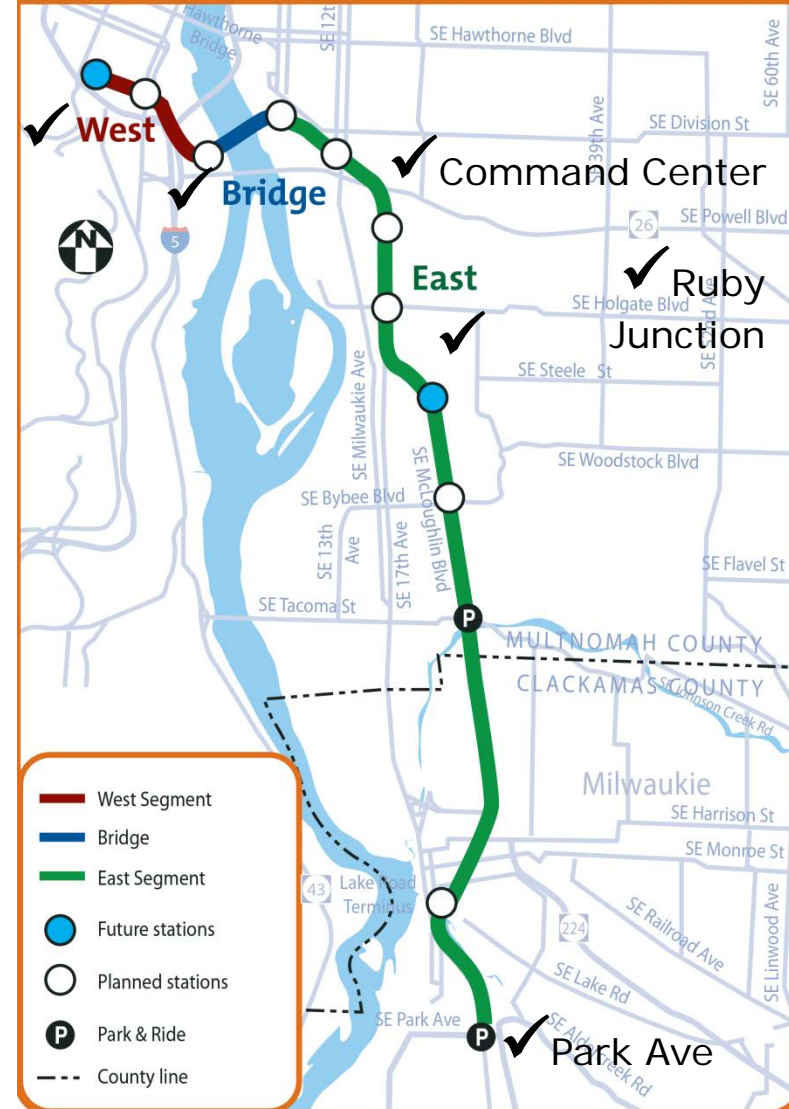
Opening Events



Project Status

- ~96% physically complete
- **\$26m** remaining to build
 - Systems
 - Vehicles

Portland–Milwaukie Light Rail Transit Project

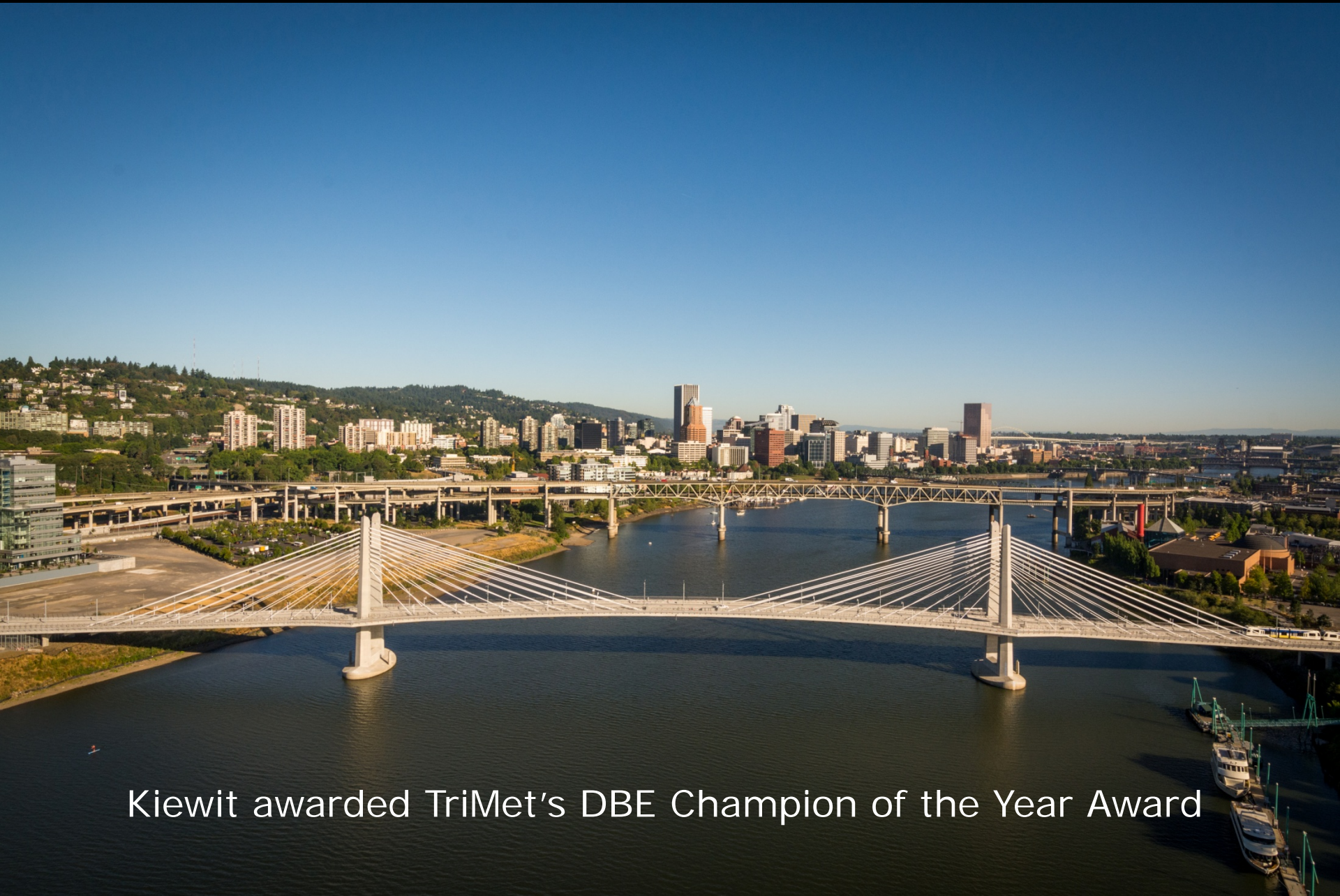




West Segment

**Final
Completion
Reached on
12/31/14**

Bridge Final Completion Milestone June 1, 2015



Kiewit awarded TriMet's DBE Champion of the Year Award

SE Tacoma St Station Park and Ride





PORTLAND-MILWAUKIE

LIGHT RAIL TRANSIT PROJECT



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



Replicate the center striping against the bike railing. Closest edge of stripe to be 14" from vertical railing posts.



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**

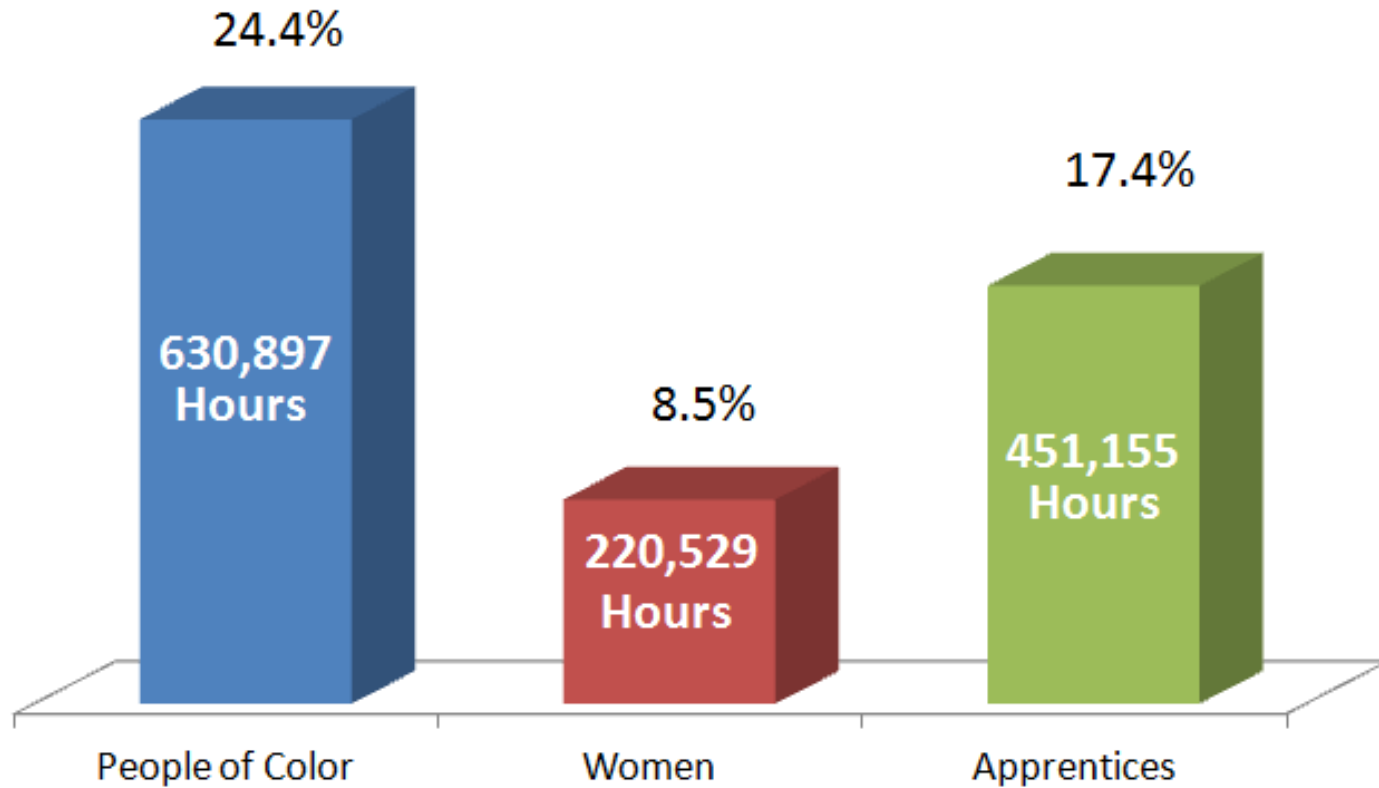
- **13,932** as of 7/10/15
 - **6,909** Direct Jobs
 - **7,023** Indirect and Induced Jobs
 - **96%** of projected 14,500 total

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

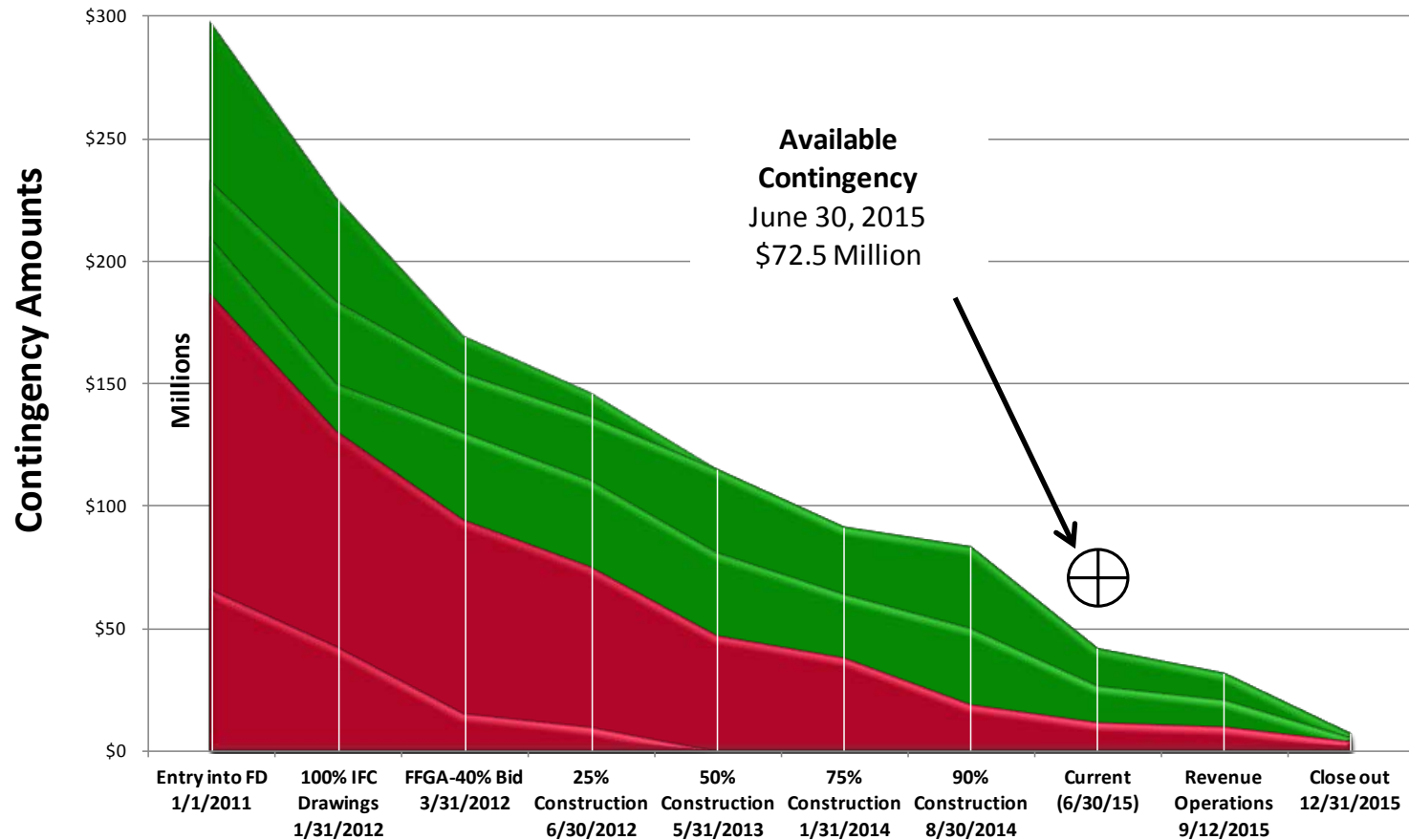


Total construction hours 2,584,364 as of July 10, 2015.
Construction began April 2011



Contingency Update 6/30/15

**Portland - Milwaukie Light Rail Transit Project
Contingency Management**





Rail Activation Readiness

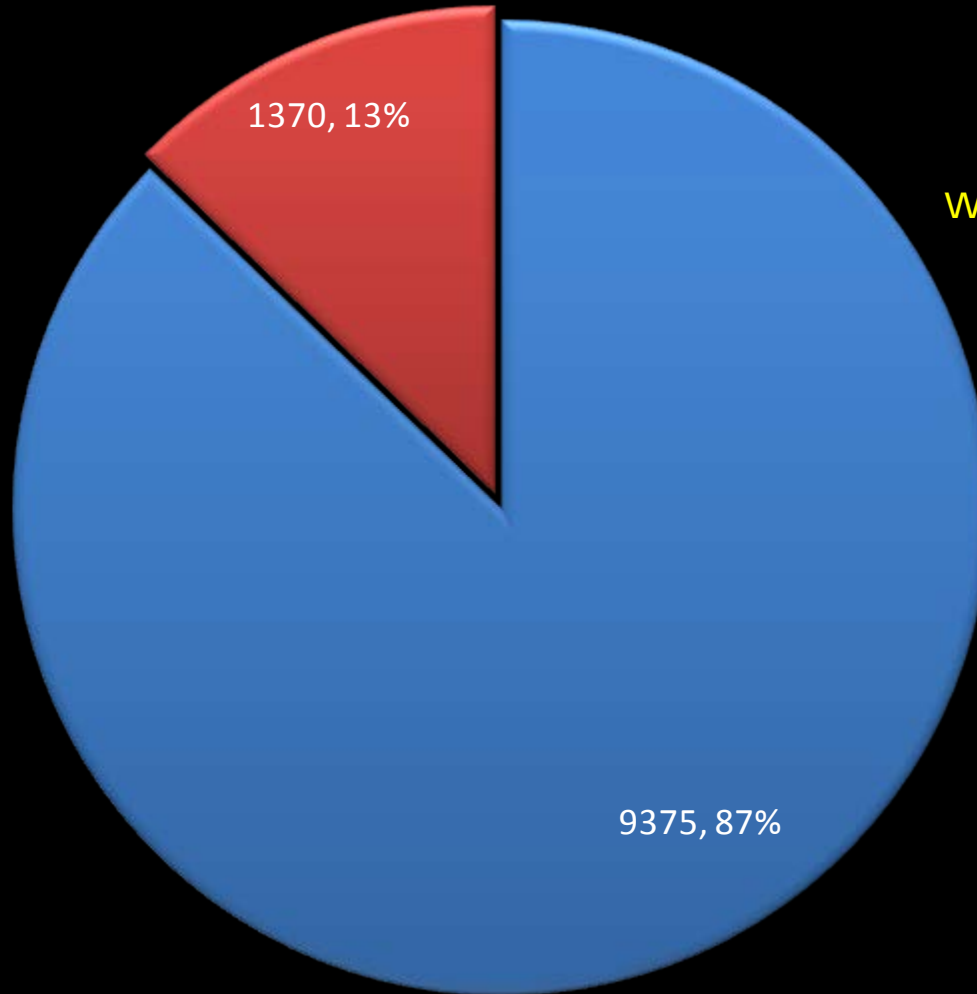
Project Delivery

Operational Readiness

Opening Events

Overall Safety Certification Summary

08/03/2015



99% Complete
with Design

81% Complete
with Construction

■ Complete ■ Remaining



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

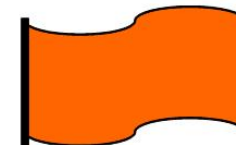
■ Simulated Revenue Operations

□ August 30 to September 11





Rail Activation Readiness



Opening Day
9/12/2015

Outreach to Institutions and Groups

Schools and Universities

Social Services

Cultural Destination Sites

Visitor Centers

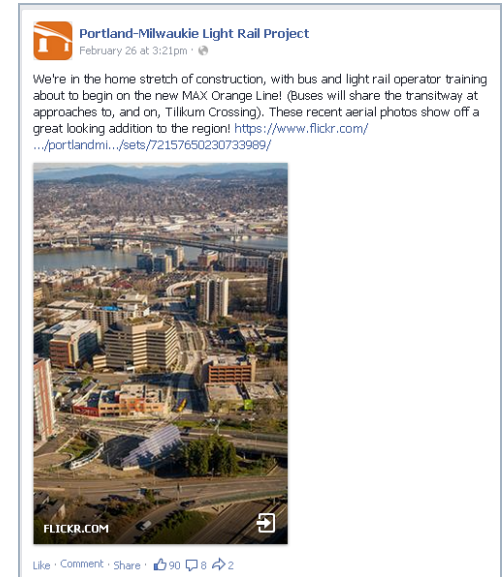
Faith Based Institutions

Bike & Pedestrian Advocacy Organizations

Organizations for Seniors

Organizations for People with Disabilities

Neighborhood & Business Associations



Banner ad from BikePortland.org

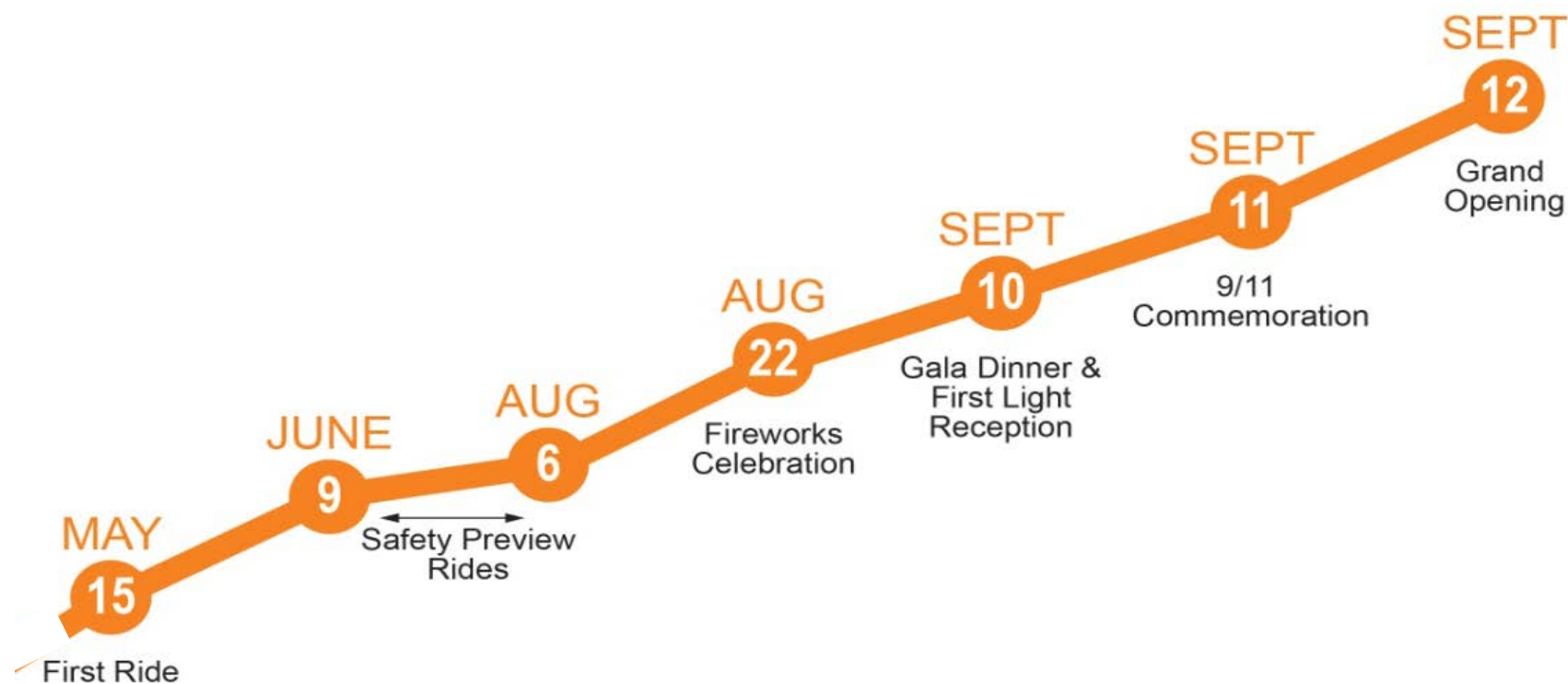


**Stay safe at new SE Portland
quiet zone crossings** [Learn More](#)





MAX Orange Line Opening Events





PORTLAND-MILWAUKIE
LIGHT RAIL TRANSIT PROJECT

GROWING PLACES

Tilikum Crossing People's Preview





Catch The Orange!

Catch the Home **Events** Sponsors



Email Address Get Updates

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 3, Noon



Transit On Tap: Where the Past Meets the Future
June 17, 6 p.m.



Transit On Tap with U.S. Congressman Earl Blumenauer
July 20, 6 p.m.



Providence Bridge Pedal
August 9, 6:30 a.m. - Noon



The People's Preview of Tilikum Crossing
August 9, 1:30-4:30 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 9, 7:30 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, 2015, 11 a.m.



Grand Ronde Village
September 12, 2015, 10 a.m. - 5 p.m.



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

PAST EVENTS

catchtheorange.com