Construction Updates

March 15, 2012
Light Rail Construction Notice
Construction begins east of Willamette River

Construction for the Portland-Milwaukie Light Rail Transit Project is beginning in southeast Portland, Milwaukie and north Clackamas County. Construction will continue into 2015, with the new MAX line scheduled to open in fall 2015.

Initial activities include utility relocation, building demolition and limited tree removal in preparation for subsequent construction. In general, construction may take place 7 a.m. to 6 p.m., Monday through Saturday.

- For more information, visit trimet.org/pm or call 503-962-2150.
- Register to receive regular email construction updates at trimet.org/pm.
- For construction emergencies, call 503-962-2222.
Website

CONSTRUCTION

Construction Updates
As construction increases, the project will send out regular email notifications. Sign up for email notifications.
Portland, West Segment | Portland, East Segment | Milwaukie and north Clackamas County

Portland, West Segment
The West Segment of the project lies between Portland State University and the Portland-Milwaukie Light Rail Bridge.

SW Lincoln in downtown Portland
Construction related to the project is under way along SW Lincoln Street between SW 1st and 4th avenues in downtown Portland with the relocation of utilities.

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Portland-Milwaukie Light Rail Bridge ➤
Construction Timeline ➤

Get Involved
Community meetings
Open houses
East Segment Initial Activities

- Private utility relocation (not TriMet contractor)
- Public utility relocation (sewer and water)
- Building demolition
- Limited tree removal and preparing right of way
- Staging sites
- Relocation of existing track
- Foundations for structures
Kellogg/Trolley Trail Structure
Downtown Milwaukie
McLoughlin: Tacoma, Crystal Springs
McLoughlin: Harold
17th & Holgate
17th & Powell Structure

Facing east
Two significant detours

- Closure of northbound 17th Ave connection to westbound Powell Blvd for about one year
- Closure of Powell Blvd for 2-3 weekends
- Also: night/weekend single lane closures on Powell Blvd
One-year detour for closure of northbound 17th Ave to westbound Powell

Northbound truck and auto detour

Northbound bus lines 17 and 70 detour

(No detour southbound)
2-3 weekends: detour for closure of Powell

- Eastbound truck and auto detour
- Westbound truck and auto detour
- Eastbound hard closure
- Westbound hard closure
Water Ave
Seeking noise variance

- Permission to work outside normal construction hours (7 a.m. to 6 p.m. Monday through Saturday.)
- Shortens duration of major traffic impacts
- Restrictions on noisiest activities
- Identify and notify residents, other sensitive receivers
PMLR Light Rail Bridge
PMLR Light Rail Bridge

- All 6 drilled shafts are complete for west tower
- Working on west landside foundations
- Moving drilling platform to east tower
- Start drilled shafts for east tower in early April
- Pile cap constructed in late March/early April
- Tower crane erected in mid to late April
- Going vertical starting in late April
“The Claw” - West Tower Drilled Shafts
BIG Rebar Cages Go Into the Shafts
Lifting the Rebar Cage
Connecting Two Rebar Cages
Placing Concrete for West Tower Shafts
Cofferdam Dewatered – High and Dry...
Working on West Landside Foundation
Portland-Milwaukie Light Rail Bridge Construction Safety Zone

Future OHSU South Waterfront campus

ZRZ Realty Property

HARBOR DR
RIVER PKWY
MARQUAM BRIDGE
SHERMAN ST
CARUTHERS ST
7TH AVE
GRAND AVE
POWELL BLVD
ROSS ISLAND BRIDGE
GRAND AVE
PORTER ST
MOODY AVE

To PSU
To SE Portland, Milwaukie and north Clackamas County

- Work Platform
- Crane Swing Area
- Slow/No Wake Zone: 500 ft upstream and downstream of bridge construction
- Exclusion Area: No passing under work platforms (within 100 ft) or crane swing area (within 140 ft)
West Segment
Porter fill work to begin in April

60,000 cubic yards of fill needed to raise station area to current Moody Avenue grade

1 dump truck carries between 10-15 cubic yards...
Porter Fill Location
Porter Fill Location
Harbor Structure – 1,730 feet long
PMLR Harbor Structure

- Steel is at fabrication shop in Tigard, Oregon
- 9 of 10 shafts have been drilled
- 3 of 8 columns have been poured
- Highest impact activity – July/August setting of girders – partial and full street closures/detours
Harbor Structure - foundations
Harbor Structure
Lincoln Street/SW 3rd Avenue

- Noise Variance approved March 14, 2012
- Private utility relocation 50% complete
- Storm/Sewer relocation 50% complete
- Water line relocation 10% complete
- Street reconstruction – early summer
Recycling Trees from Lincoln Street

- Tree material used for wood chips and donated to Portland Parks and Recreation to be used for pathways in city parks & community gardens.

- Trees donated to Washington County Woodcutters Association to be cut into firewood and given to low income seniors to heat their homes in the winter.

- Trees milled and are being dried and will be donated to schools.
Trees Created “Nature Play Area”
Milled Trees to be Donated to Schools
Lincoln Street Construction
Lincoln Street Construction
Questions?