Construction Updates

June 21, 2012
PMLR Light Rail Bridge
West Pylons
East Side Drilled Shafts

4 complete

2 more to go
Tower Crane Base and Crane Climbing

Watch time lapse video of tower crane climbing
South Waterfront Station Area
Harbor Structure

- Girder delivery set for July 23rd
- Closure of Sheridan to follow for 4 weeks
- Major road impacts in early September
Fought & Company – Girder Fit Test
We’ve Got RAIL!
Grande Ronde Bark Removal
Restoration of Happy Creek, Oxbow Park
Restoration of Happy Creek, Oxbow Park
# Lincoln Street Civil Construction

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<tr>
<th>Section</th>
<th>Location</th>
<th>Duration - by Week</th>
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<tr>
<td>1</td>
<td>4th to 5th on Lincoln - South Side</td>
<td>6/11/2012 - 6/18/2012</td>
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<td>1st to 4th on Lincoln - South Side</td>
<td>6/25/2012 - 7/2/2012</td>
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<td>3</td>
<td>4th to 5th on Lincoln - North Side</td>
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<td>4</td>
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<td>6</td>
<td>Naito to 1st on Lincoln</td>
<td>8/20/2012 - 8/27/2012</td>
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<td>1st Avenue Intersection</td>
<td>9/3/2012 - 9/10/2012</td>
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<td>8</td>
<td>Lincoln Center Lanes Track*</td>
<td>9/17/2012 - 9/24/2012</td>
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<td>5th Avenue Intersection</td>
<td>10/1/2012 - 10/8/2012</td>
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<td>10</td>
<td>Naito Parkway - Lincoln to Harrison</td>
<td>10/15/2012 - 10/22/2012</td>
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</tbody>
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*Track construction will continue through the Summer of 2013

**Notes:**
1. Scheduled work phases include the major roadway elements (roadway excavation, conduits, drainage, curbs, sidewalk, asphalt)
2. Additional follow on work will take place in the listed work areas outside of the schedule shown (traffic/light foundations, planters, brickwork, misc concrete)

### 4th to 5th Avenue Southside

<table>
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<th>Activity</th>
<th>Duration - by Day</th>
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<tr>
<td>Demo Roadway and Sidewalk</td>
<td>6/11/2012 - 6/18/2012</td>
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<tr>
<td>Install Conduits and Drainage</td>
<td>6/25/2012 - 7/2/2012</td>
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<tr>
<td>Subgrade Prep</td>
<td>7/9/2012 - 7/16/2012</td>
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<td>Concrete Curbs and Sidewalk</td>
<td>7/23/2012 - 7/30/2012</td>
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<td>Concrete Driveway Closure</td>
<td>8/6/2012 - 8/13/2012</td>
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<tr>
<td>Fine Grade</td>
<td>8/20/2012 - 8/27/2012</td>
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<tr>
<td>Asphalt Paving</td>
<td>9/3/2012 - 9/10/2012</td>
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</table>
Lincoln Street Civil Construction

Overview - construction will involve the demolition and reconstruction of the south half of Lincoln Avenue between 4th and 5th. Eastbound traffic will be shifted to the North side of Lincoln. Westbound traffic will be detoured. Driveway access will be maintained during construction, with the exception of a Friday to Sunday closure to demo/pour/cure driveways. Anticipate steel plates and gravel driveway access during some phases of construction. Any driveway closure will be coordinated in advance. The south sidewalk will be closed during this phase. Temporary signals at 4th and Lincoln will be installed prior to civil construction and three crosswalks will be maintained at all times. The north/south crosswalk at 5th and Lincoln will be maintained at all times. Temporary ramps and pedestrian railings will be utilized to safely detour pedestrians around the construction zone.

Access Notes:
1. Maintain driveway access utilizing steel plates and/or gravel.
2. Chase Bank: Maintain Access from the 4th Ave stairway at all times.
3. TriMet bus stop closed at 4th; 2nd Ave stop to remain open.
4. Maintain crosswalk access at all times. Utilize temporary asphalt ramps as needed.
Caruthers sewer work
Track relocation at OPRR/ORHF
Ongoing deep sewer work north of Powell
Full Funding Grant Agreement Signing
Orange Lining
SE 17th Ave/Powell Blvd Overpass
Closed June 15, 2012 through summer 2013

- Drive straight to continue north
- Exit right to access Ross Island Bridge or Powell Blvd

- 17th/Powell overpass closed to motorists, cyclists and pedestrians
- Powell sidewalks closed
17th/Powell overpass closure
17th/Powell overpass demolition: weekend of July 20

- Demolition activities 24 hours a day
- Powell Boulevard closure
  - Friday 8 p.m. lane closures, 11 p.m. full closure
    - Eastbound at 17th Ave
    - Westbound at 21st Ave
  - Monday 5 a.m. all lanes open
- Detour to Cesar Chavez, Holgate, McLoughlin
- Outreach to residents and businesses in closure and detour areas
SE Powell Blvd Closed at 17th Ave
Friday night July 20 through Monday morning July 23

Friday 8 p.m. – Powell Boulevard narrows to one eastbound lane at 13th Ave and one westbound lane at 21st Ave
Friday 11 p.m. through 5 a.m. Monday – Closed to thru traffic between McLoughlin Boulevard and Cesar Chavez Boulevard
17th & Holgate
Tacoma structure
Milwaukie North Industrial
SE 26<sup>th</sup> Under Hwy 224
Install Water Line
Downtown Milwaukie
SE Harrison
Kellogg/Trolley Trail Structure
Island Station
Trolley Trail
SE 27th
Questions?