working for clean rivers



Tabor-Powell II Sewer Rehabilitation Project Council Item 469

Bill Ryan, P.E., Chief Engineer Colleen Harold, Project Manager Bureau of Environmental Services Portland City Council Meeting May 10, 2017



ENVIRONMENTAL SERVICES CITY OF PORTLAND

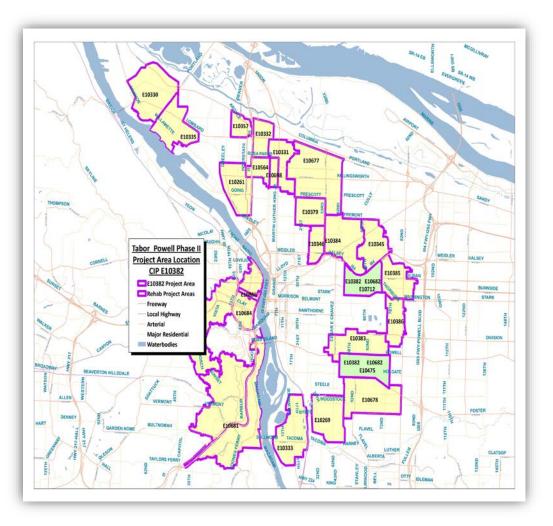
> NICK FISH, COMMISSIONER MICHAEL JORDAN, DIRECTOR

Large Scale Sewer Rehabilitation Program

Total of 31 pipe Projects in Phase II & III

There is 165,000 feet of pipe constructed or rehabilitated to date

Total Expenditures through third quarter of 2017 equals \$98.4 M





Mainline and Lateral Defects

Mainline















Project Overview

- 67 pipe segments
- 14,313 linear feet of pipe rehabilitation by cured-inplace
- 431 feet of open cut construction replacement
- 6 Spot Repairs
- 8" to 36" diameter
- Originally constructed between 1905 and 1955
- 70% residential streets
- 30% major streets





Public Outreach

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6 0	Rhetta Drennan City of Portland 1120 SW 5th Av Phone: 503-82	Community Relations invironmental Services nut, Room 1000, Portland, OK 90 -6006. I Email: Rhetta Drenn	1204 In@portlandore8on.80v	

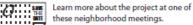
GET THE LATEST UPDATES!

- On the web: www.portlandoregon.gov/ bes/tabor-powell
- Sign up for email updates! Send an email to rhetta.drennan@ portlandoregon.gov with 'Tabor-Powell" in the subject line.



July 15, 6:30 p.m. North Tabor Neighborhood Association 5600 NE Glisan Street

GET MORE INFORMATION



July 28, 7:00 p.m. Creston-Kenilworth Neighborhood Association Kenilworth Coffee House 3713 SE Gladstone Street

Monday,

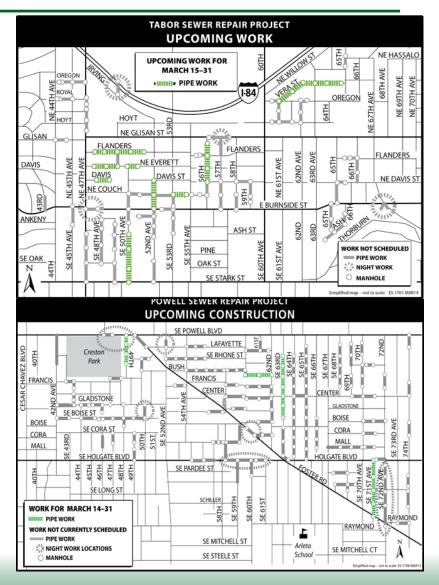
- Ongoing coordination and messaging with Tabor Phase I, Powell Phase I and CIPP 2016:
 - Mailing list totaling 9,650
 - Email list totaling 799
- Early outreach to neighbors, businesses and property owners.
 - Project updates sent via flyers, newsletters, email, and project website.
 - Update list includes individuals and groups in Southeast Uplift Coalition; East Tabor, Mt Tabor, Creston-Kenilworth, and Foster-Powell neighborhoods; and Foster Area business Association.
- In-person visits and walk-throughs with schools, food carts, and small businesses.



Public Outreach

Outcomes:

- Coordination with:
 - Providence Hospital
 - Portland Nursery
 - Local businesses & residents
- Maintain local traffic access to all properties
- Provide monthly or quarterly mailed updates to owners and neighbors
- Restore areas disrupted by construction



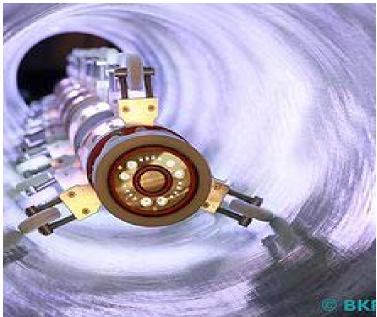


Pipe Materials

- Only 3 pipe segments are opencut construction
- Cured-In-Place pipe lining is the majority of the project.
 - UV Cure Specified!

UV is a newer technology...







Project Budget and Schedule

- Engineer's Estimate: \$1,875,000
- Level of Confidence: *High
- Advertise Contract: Mid-May
- Begin Construction: September
- Construction Duration: 325 days





Top: SE Raymond St & SE 73rd Ave

Bottom: NE Davis St & NE 65th Ave



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Questions





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