

working for clean rivers



Richmond-South Tabor Sewer Rehabilitation Project Council Item 285

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Bureau of Environmental Services

Portland City Council Meeting March 23, 2017



**ENVIRONMENTAL SERVICES
CITY OF PORTLAND**

**NICK FISH, COMMISSIONER
MICHAEL JORDAN, DIRECTOR**

Project Overview

- 50 pipe segments
- 12,484 linear feet of pipe
- 8" to 30" diameter
- Originally constructed between 1915 and 1981
- 88% residential streets
- 12% major arterials



SE 45th & Clinton Roundabout



Mainline and Lateral Defects

Mainline

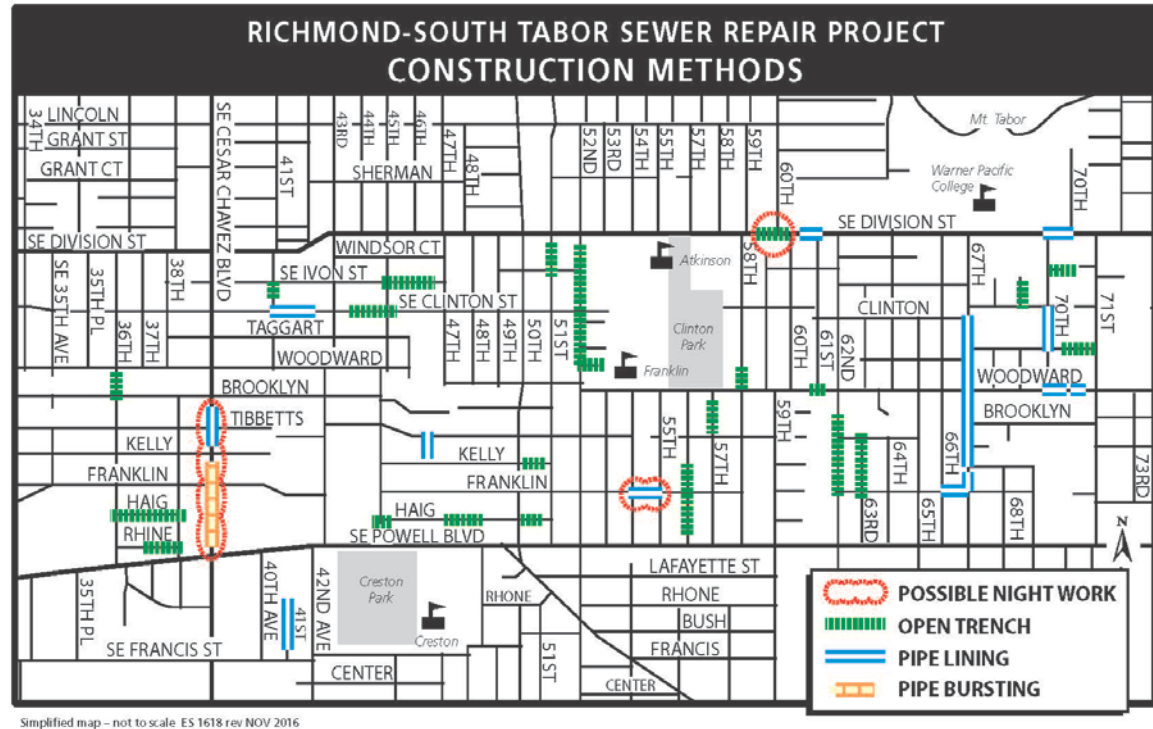


Lateral



Public Outreach & Impacts

- Local Businesses
- Work Near Schools
 - Franklin High School
 - St. Ignatius School
 - Parry Center School
- Night work & noise variance at three locations
 - SE Cesar E Chavez Blvd, north of SE Powell Blvd
 - SE Division St, at 60th Ave.
 - SE Franklin St from SE 54th to SE 55th Ave



Pipe Materials & Construction Methods

- PVC for Open-Cut
- HDPE for Pipe-Bursting



- Cured-In-Place Pipe for Lining



Project Budget and Schedule

- Engineer's Estimate: \$4,260,000
- Level of Confidence: High
- Advertise Contract: Late April
- Begin Construction: September
- Construction Duration: 410 days



Water main pothole SE 38th & Rhine

Questions

