

working for clean rivers



Concordia Rehabilitation Project Council Item 933

Portland City Council | August 23, 2017

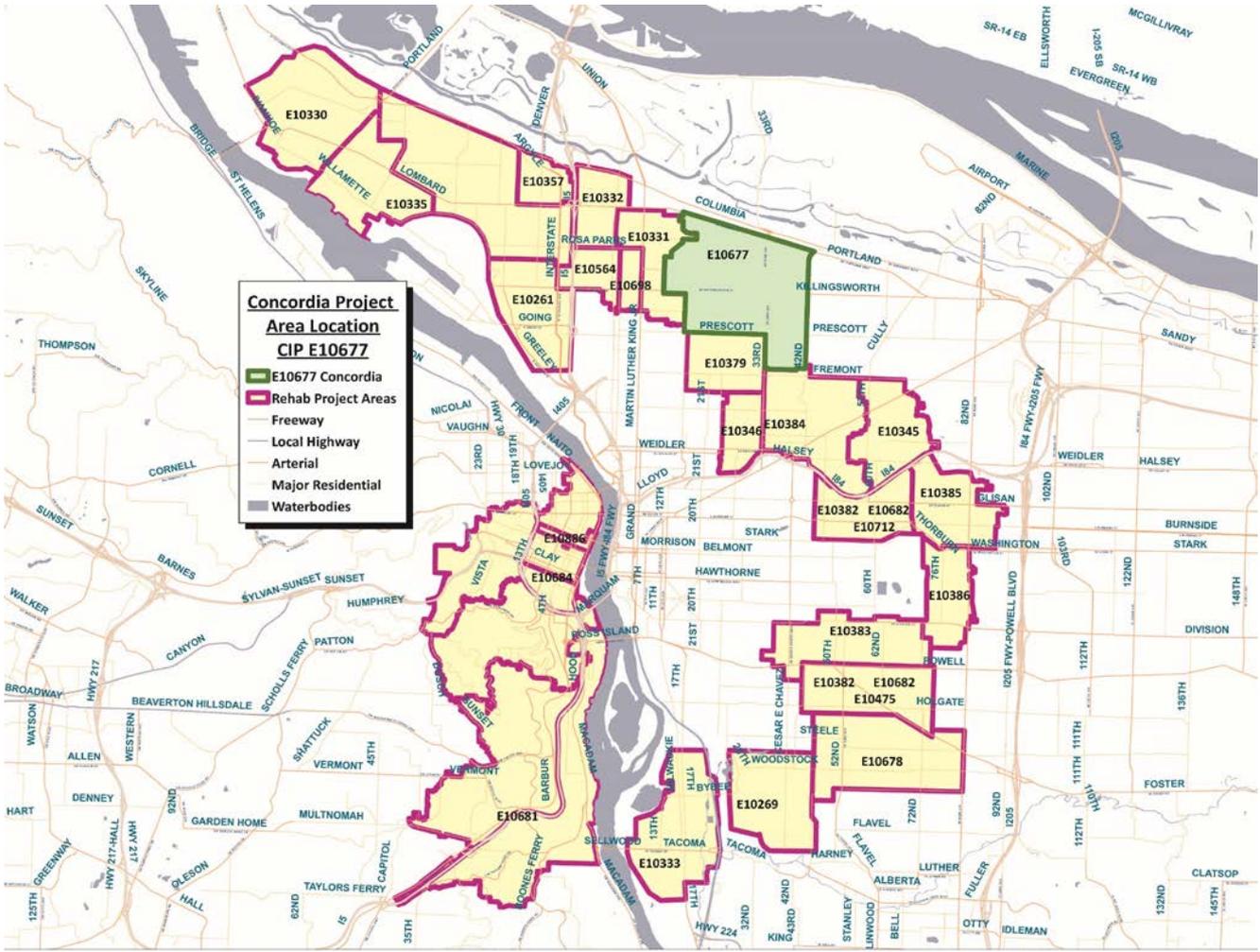
**Scott Gibson, P.E.,
Principal Engineer**
Margaret Russell,
Project Manager



ENVIRONMENTAL SERVICES
CITY OF PORTLAND

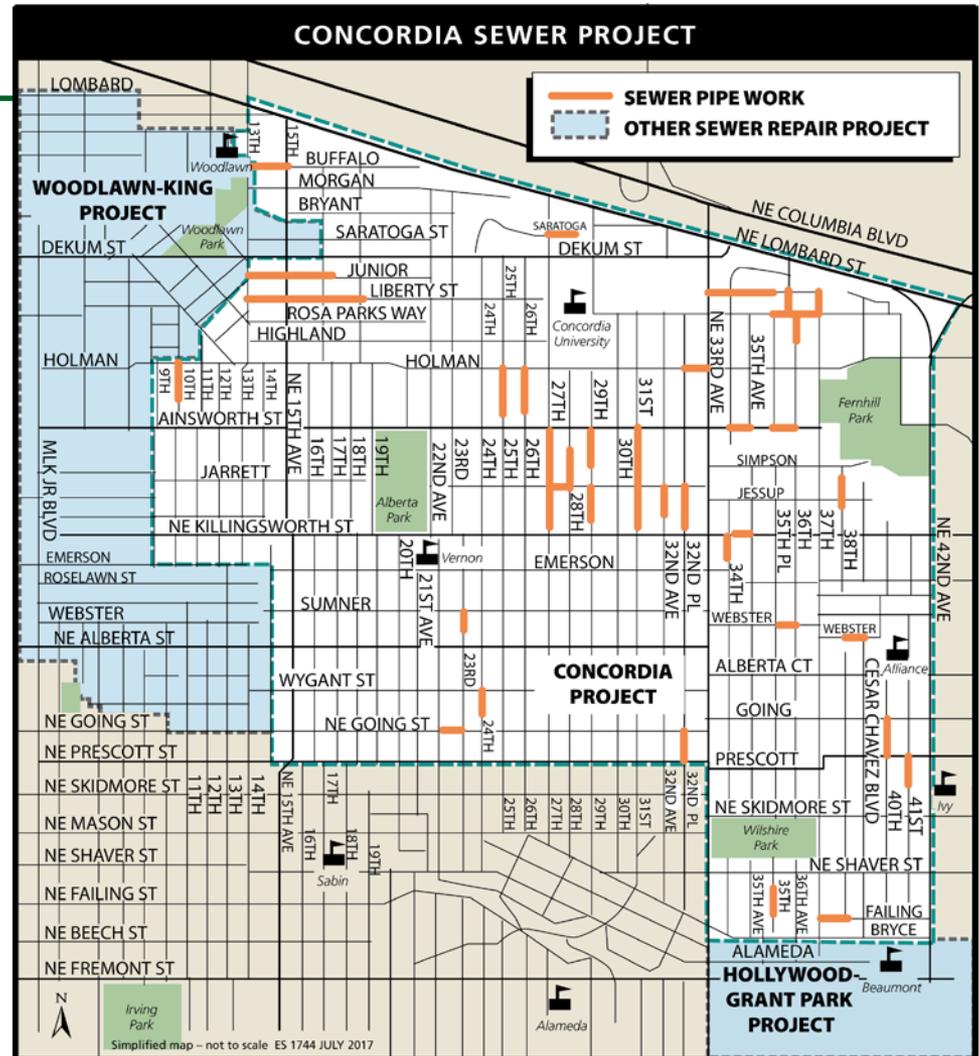
NICK FISH, COMMISSIONER
MICHAEL JORDAN, DIRECTOR

Large Scale Sewer Rehabilitation Program



Project Overview

- 54 pipe segments
- 16,550 linear feet of pipe (including laterals)
- 8" to 24" diameter pipe (76% are 8")
- Constructed between 1919 and 1950
- 98% residential streets with one collector street.



Mainline and Lateral Defects

Mainline



Laterals



Pipe Materials & Construction Methods

PVC for Open-Cut

- 31 rehab segments (8,350 LF)
- 12 NCS sewer extensions (1,710 LF)

Cured-In-Place Pipe for Lining 11 segment (2,860 LF)



Public Outreach & Impacts

- Work Near Alliance High, work done when school not in session
- Night work & noise variance at NE 28th and Jarrett -24" CIPP
- Intersection Art NE 28th and Jarrett



Engineer's Estimate

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\$4,824,000

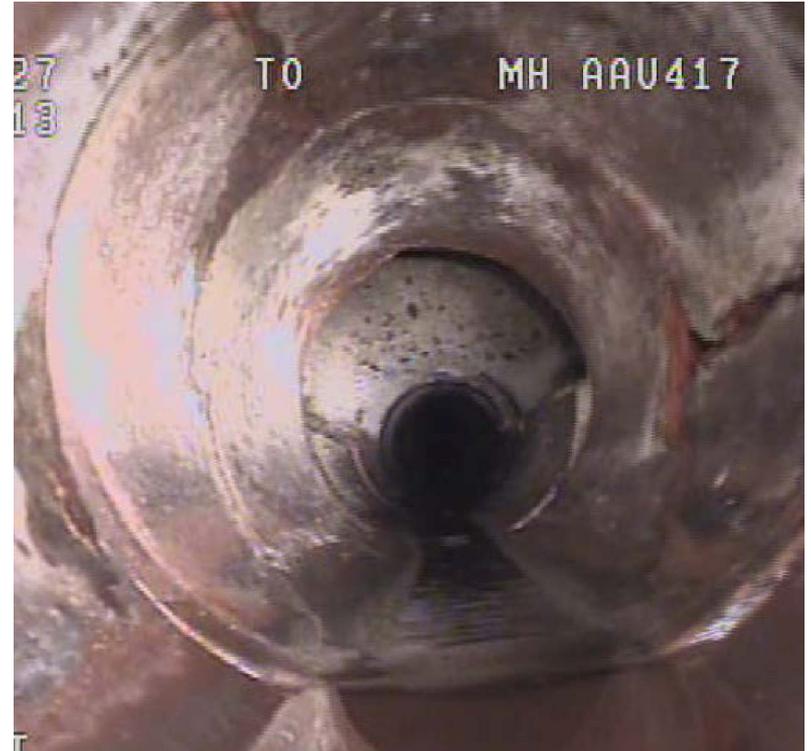
Level of Confidence: High

- Scope is clearly understood
- Quantities and unit prices from recent similar projects
- Schedule takes in to account project size and any constraints, and
- Experienced bidders expected to be available.



Project Schedule

- Advertise Contract: Oct. 2017
- Begin Construction: Feb. 2018
- Construction Duration: 400 days



Questions?

