

working for clean rivers

St. Johns-Cathedral Park Rehabilitation Project

Council Item 1217

Portland City Council November 8, 2017



**Scott Gibson, P.E.,
Principal Engineer**

**Margaret Russell, P.E.,
Project Manager**

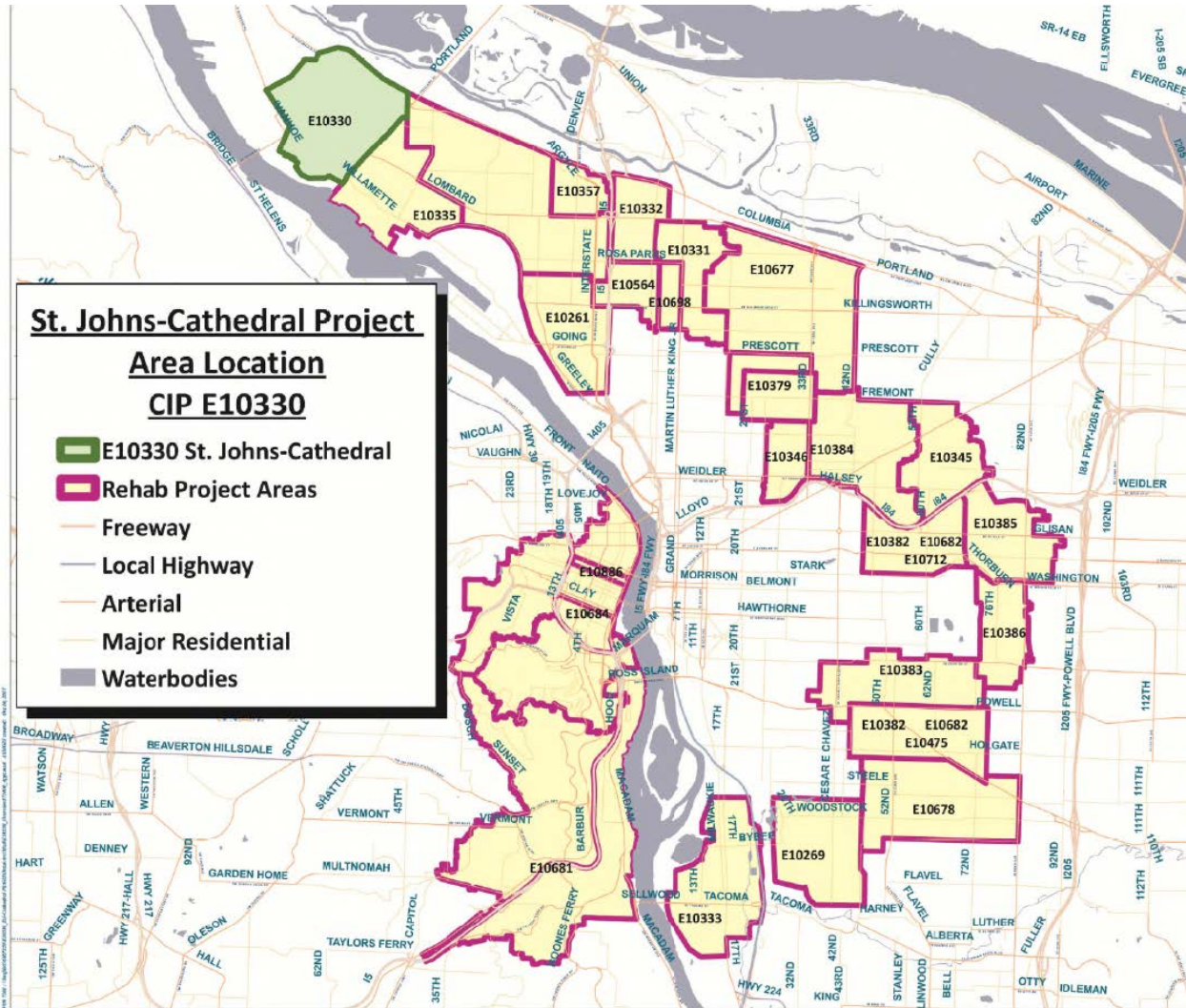


ENVIRONMENTAL SERVICES
CITY OF PORTLAND

NICK FISH, COMMISSIONER
MICHAEL JORDAN, DIRECTOR

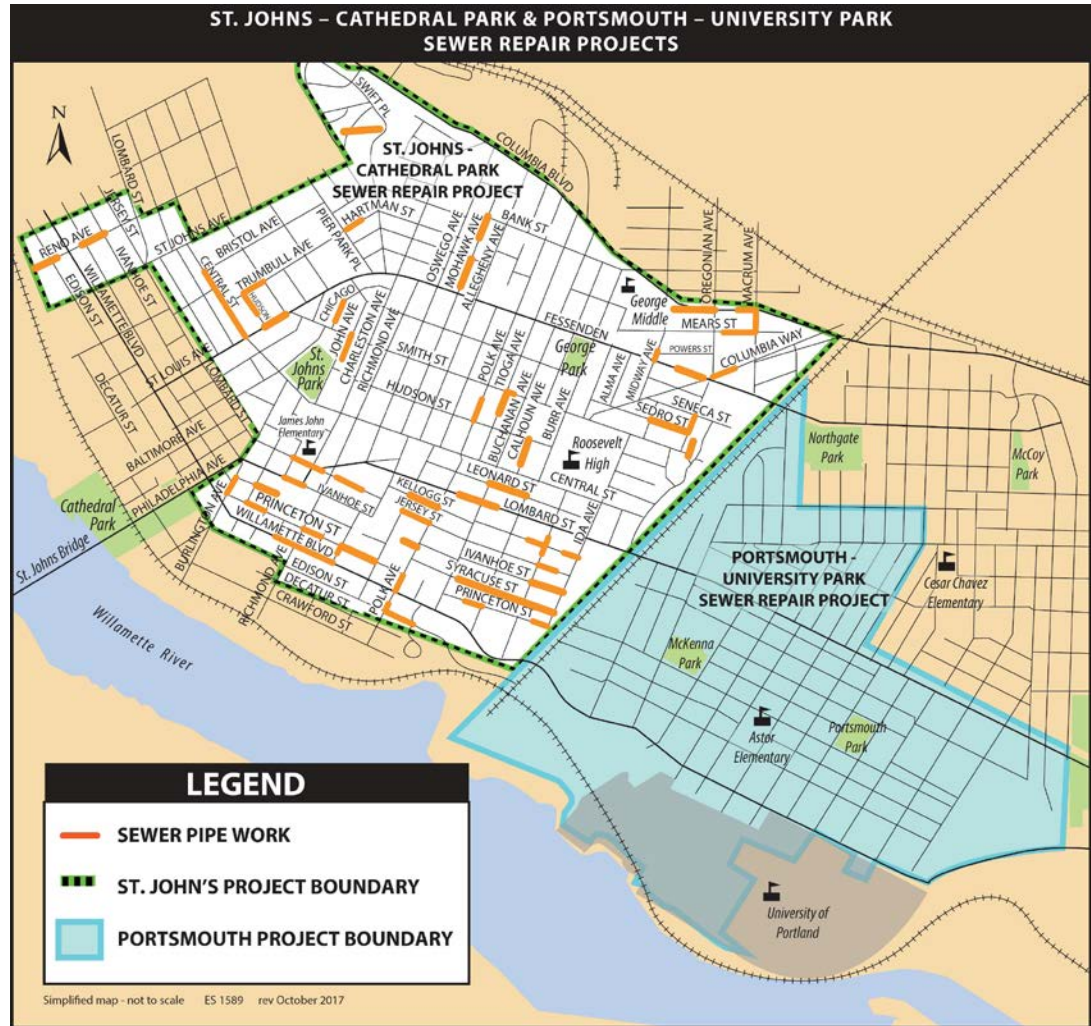


Large Scale Sewer Rehabilitation Program



Project Overview

- 76 pipe segments
- 15,000 linear feet of pipe
- 8" to 27" diameter pipe (86% are 8-12")
- Primarily residential streets, two ODOT roadways



Mainline and Lateral Defects

Mainline



Laterals



Pipe Materials & Construction Methods

Construction Method	Number of Pipes
Spot Repair	6
CIPP Lining	17
Open Cut	34
Open Cut or Pipe Burst	19



Pilot Bidding Approach: Contractor Choice

- Goal: obtain most competitive bid possible
- Allows contractor to choose construction method where either Open Cut or Pipe Bursting is appropriate
- All mainline pipe repair (whether owner-directed or contractor choice) listed as separate bid item, with pipe-specific unit price (\$/LF)



Public Outreach & Impacts

- Coordination with St. Johns Boosters (business district)
- Night work & noise variance in seven locations
 - Traffic restrictions
 - CIPP cure times



Engineer's Estimate

Engineer's Estimate:
\$7,740,000

Level of Confidence: Moderate

- Pilot testing new bidding approach new to contractors
- Rising bid prices in Portland area
- Potential pressure from labor & material availability



Project Schedule

- Advertise Contract: Dec. 2017
- Begin Construction: Apr. 2018
- Construction Duration: 18 months



Questions?

