

working for clean rivers

NW Industrial St. and 28th Ave. Sewer Rehabilitation Construction Contract Authorization (BES E10782)

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ENVIRONMENTAL SERVICES
CITY OF PORTLAND

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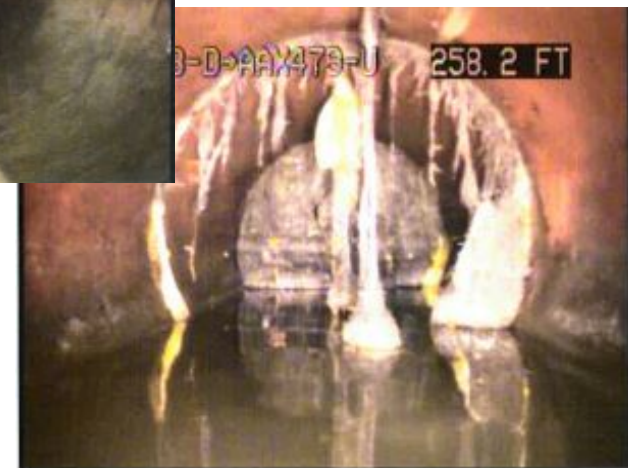
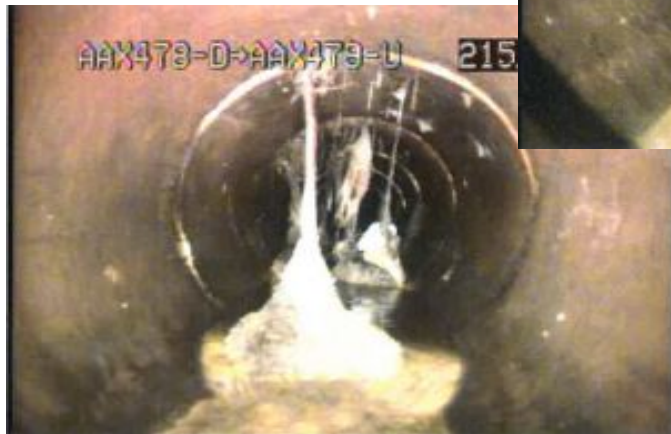


Project Background

- 294 ft. of 15" and 288 ft. of 18" combined sewer built in 1924
- Located on NW Industrial St. between NW 26th and 28th Ave.
- Longitudinal cracking and deformation of pipe
- Two major sags about 100 ft. long along pipe segment
- Medium to heavy root infiltration



Pipe Defects



Key Issues and Challenges

- Undocumented fill with construction debris or trash
- Contaminated media
- High groundwater



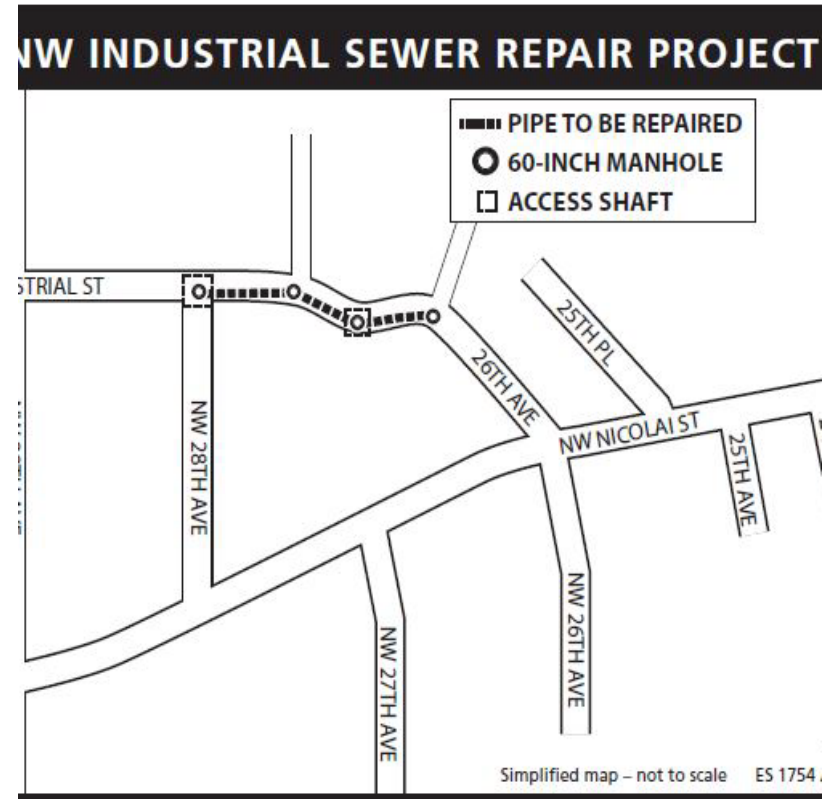
Project Overview

- Construct 608 ft. of 30" sewer pipe by pilot-tube microtunneling and open cut method
- Construct 4 manholes
- Replace 3 laterals and 4 inlets
- Increase sewer capacity, reduce risks of street flooding and sewer backup
- Protect public health and environment



Public Outreach and Impact

- Messaging and working with
 - NW Industrial District Neighborhood
 - NW Industrial Business Association
 - Local businesses



Project Estimate and Schedule

- Engineer's Estimate - \$2,000,000
- Level of Confidence - High
- Notice to Proceed - August 2017
- Construction - August 2017 to January 2018



Questions



Thank you

