

working for clean rivers



Carolina Trunk WZ02 Rehabilitation Project Council Item 262

Portland City Council | April 21st, 2021

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**ENVIRONMENTAL SERVICES
CITY OF PORTLAND**

TED WHEELER, MAYOR
MICHAEL JORDAN, DIRECTOR

Project Overview

PROJECT LOCATION

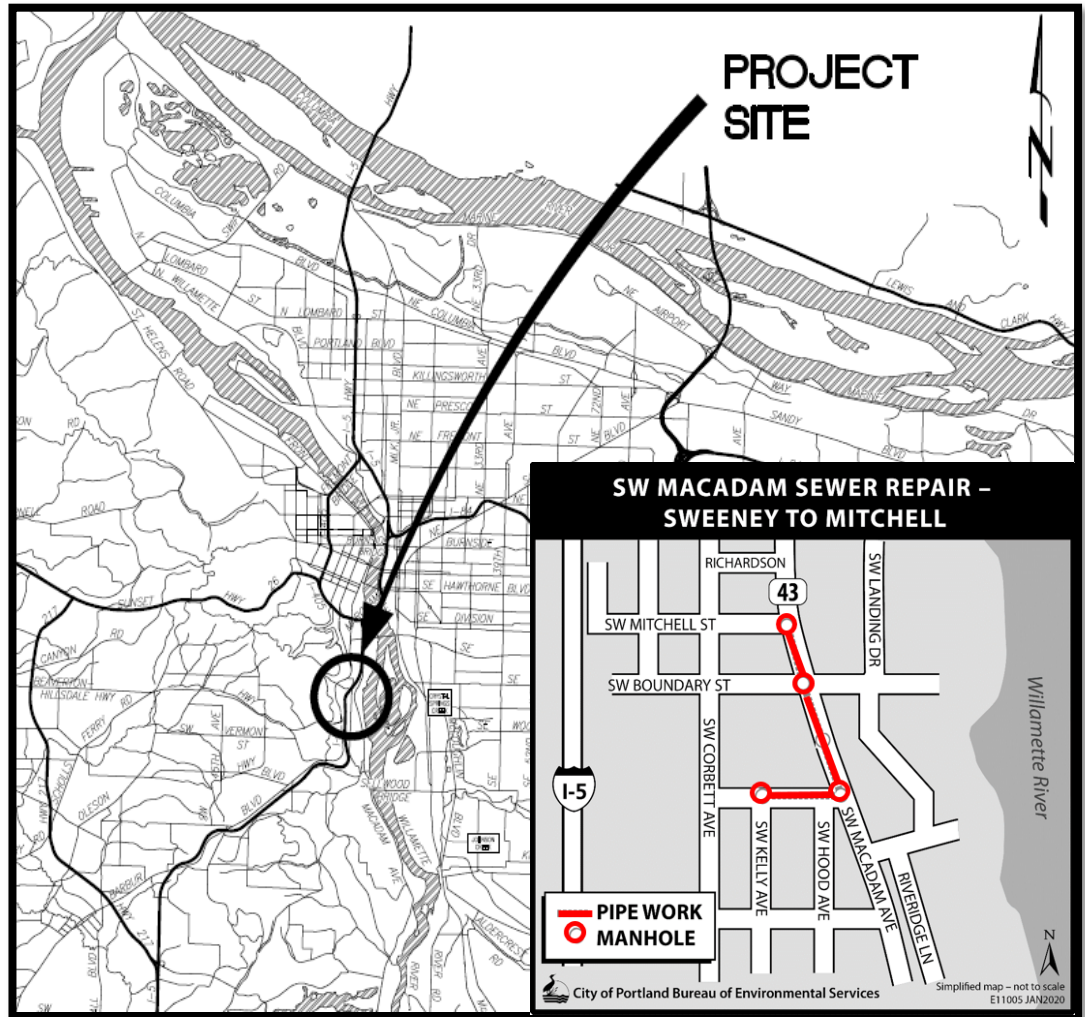
- SW Portland

PROJECT SCOPE

- Rehabilitate 760 ft of 51-in Sewer Trunk and 310 ft of 20-in Sewer Main

CONSTRUCTION METHODS

- Spiral Wound Lining (SRP) for Sewer Trunk
- Cured-in-place pipe (CIPP) for Sewer Main



Spiral Wound Lining

FIRST PROJECT -- Using Spiral Wound Lining Technology in the City

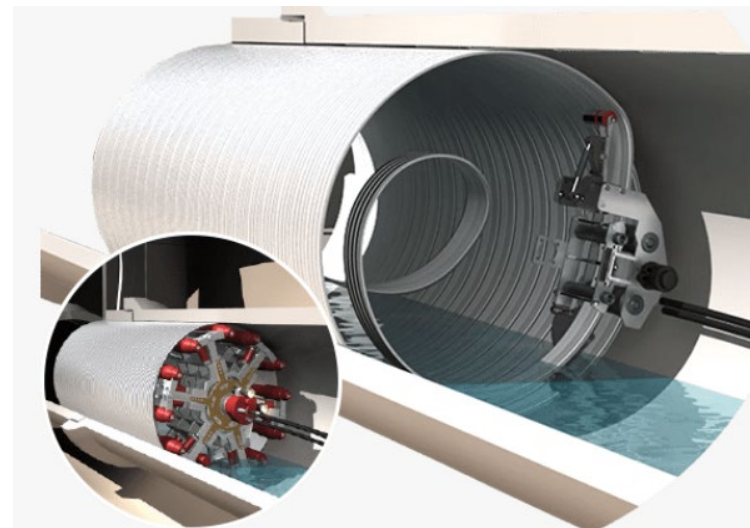
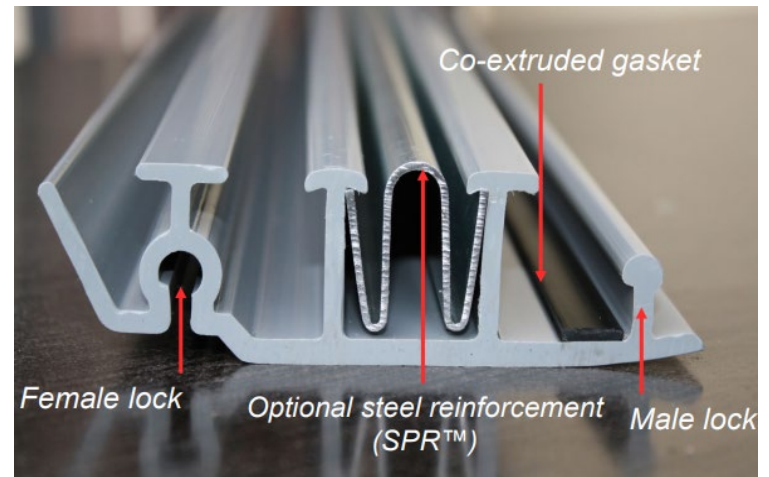
TRENCHLESS METHOD

- Innovative Technology
- Installed Inside of Pipe with Live Flow
- Stop and Restart if being interrupted

INSTALLER QUALIFICATION

- Trained and Licensed by Spiral Wound Lining Manufacturer

***A CANDIDATE FOR INCLUSION IN
CITY'S SEWER REPAIR TOOLBOX***



PROJECT STATUS AND BID

EARLY REACHOUT TO LOCAL CONTRACTING COMMUNITY

- Presented the project in NWUCA Meeting in Nov 2020

PROJECT ADVERTISEMENT: February 2021

ESTIMATED CONSTRUCTION COST

- Final Engineer's Estimate: \$1.462 M
- Received Bid: \$1.563 M

ANTICIPATED CONSTRUCTION START: June 2021



Questions



Q&A

Aerial overlooking the area around SW Macadam Avenue, circa 1939

