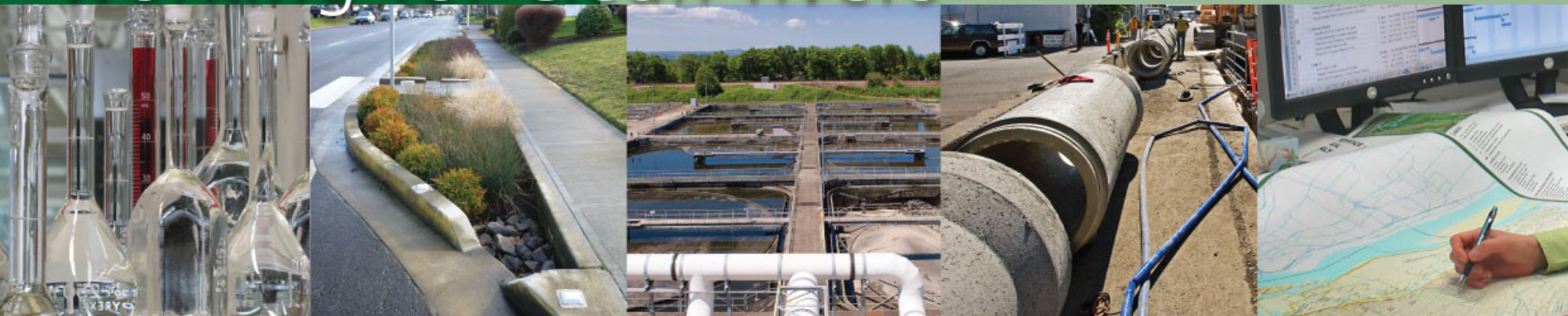


working for clean rivers



Council Item 1175 **Woodlawn-King Alleys Sewer Rehabilitation** **Project**

Scott T. Gibson, P.E., Principal Engineer
David Hammond, P.E., Project Manager
Bureau of Environmental Services

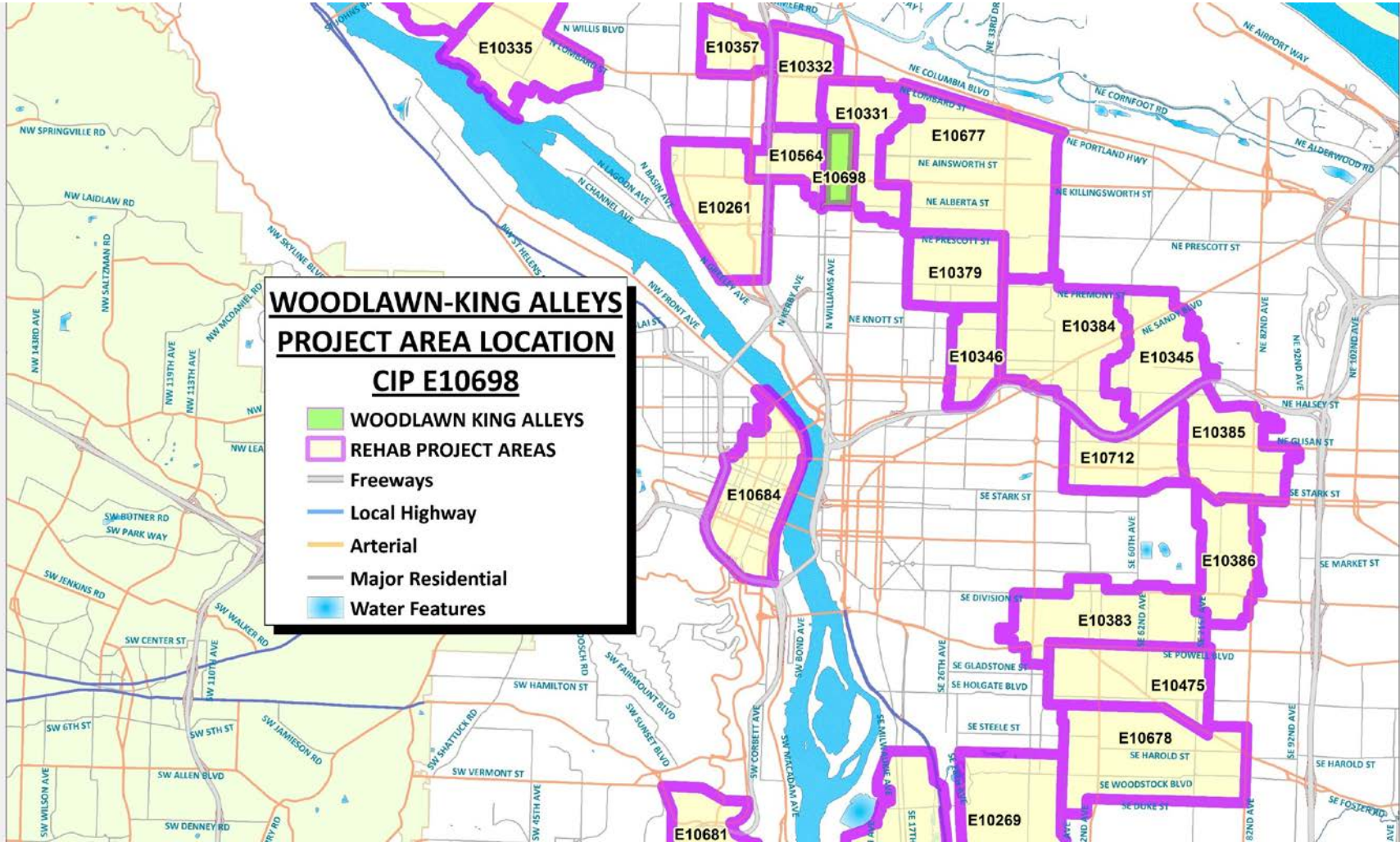
October 19, 2016



ENVIRONMENTAL SERVICES
CITY OF PORTLAND

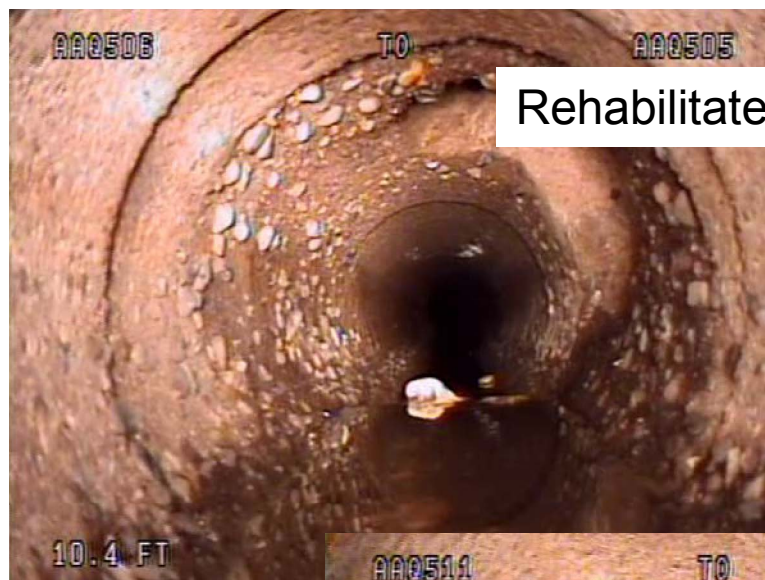
NICK FISH, COMMISSIONER
MICHAEL JORDAN, DIRECTOR

Large Scale Sewer Rehabilitation Program



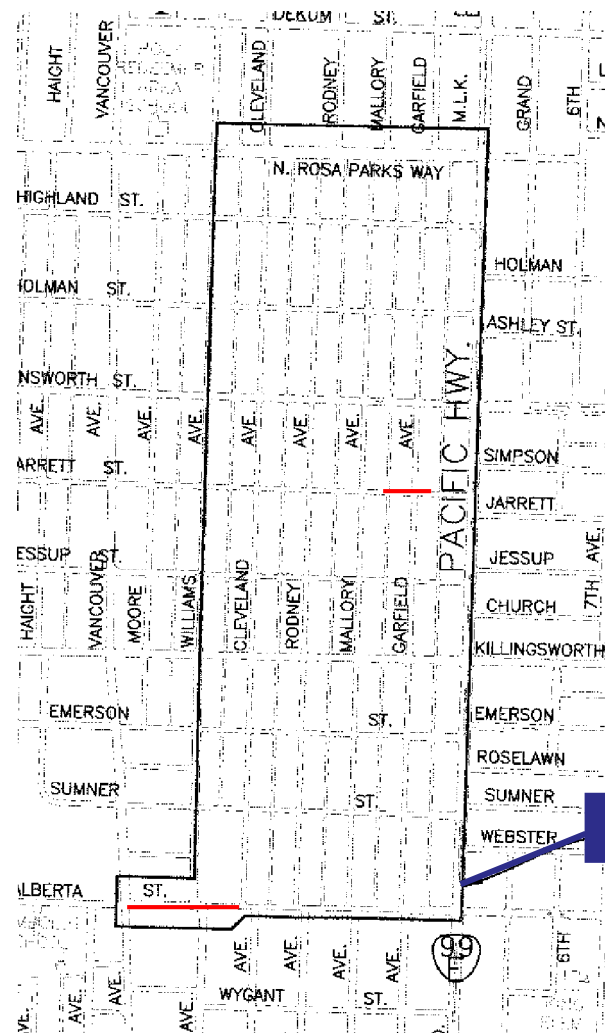
Project Goals and Objectives

- Repair or replace critical, aging sewer pipes and laterals in the project area
- Protect public health, water quality, and the environment
- Increase sewer capacity
- Reduce basement backup and street flooding risks



Project Location and Scope

- Cured-In-Place Pipe (CIPP) Lining
 - Predominant method for rehabilitation
- Open Excavation
 - Upsizing mainline pipe at two locations
 - Replace lateral service pipes
 - Construct cleanouts in right-of-way



Project Area



Project Requirements

- Rehabilitate
 - 15,000 linear feet of mainline pipe
 - 16 manhole bases
- Construct
 - 700 feet of mainline pipe
 - 4 manholes
- Replace or rehabilitate
 - 313 service laterals
- Resolve
 - 4 nonconforming service laterals



Community Impacts & Involvement

- Public Involvement
 - Neighborhood associations, community groups, and community events
- Temporary Traffic Control
 - Provide safe access to alleyways
- Night time work
 - Improve community safety
- Special Events
 - North Sunday Parkways
 - MLK Dream Run



Project Budget and Schedule

- Engineer's Estimate: \$3,850,000
- Level of Confidence: High
- Advertise in October
- Construction
 - Begin: February 2017
 - Duration: One year



Questions?



Thank you!

