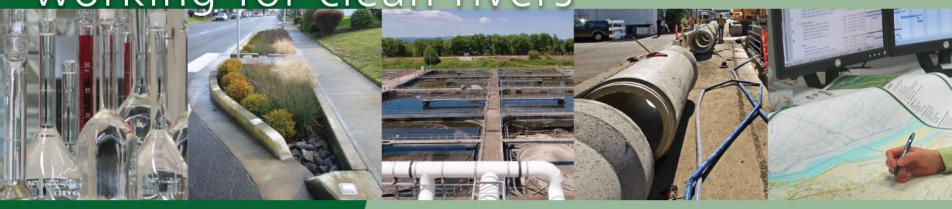
working for clean rivers



Council Item #945 SE Powell Sewer Reconstruction and Green Streets

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

Brandon Wilson, P.E., Engineer

Bureau of Environmental Services

September 9, 2015



NICK FISH, COMMISSIONER MICHAEL JORDAN, DIRECTOR

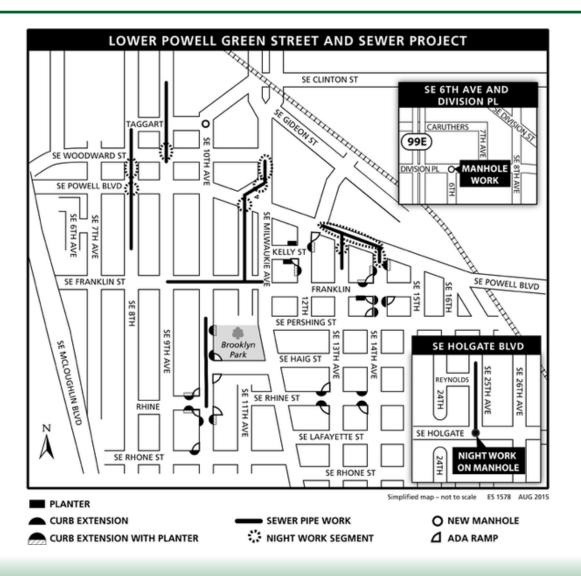
Background

- Part of the Integrated Tabor to the River Program to relieve sewer backups and rehabilitate pipe.
- Vegetated surface infiltration facilities are used to cost effectively reduce stormwater volume and eliminate pipe upsizing.



Environmental Services | Council Item #945

Project Location

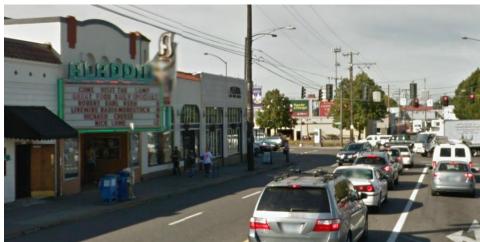




Project Goals and Objectives

- Recommended in the Taggart D Pre-Design (BES 2007).
- 4,500 LF of mainline pipe from 8" to 30" in diameter for under capacity, poor condition including two sewer extension mains.
- 22 typical stormwater infiltration facilities.

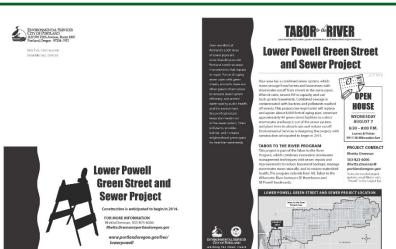


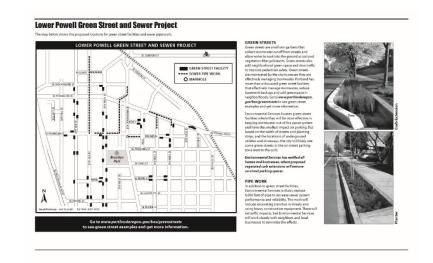




Public Involvement

- Based on extensive public input and outreach.
- Site constraints & early feedback from adjacent property owners & businesses helped inform the final design.







Northbound SE 17th Ave Ramp Closure

- Close coordination with PBOT, ODOT and TriMet.
- This closure will reduce the timeframe for this work from eight to three months.
- Closure will not affect pedestrians and bicycle traffic or southbound traffic.
- Main westbound traffic flows on SE Powell





Next Steps

- Advertisement Fall 2015
- Level of Confidence is High
- Purchasing Agent to report back to Council with lowest responsible bid
- Construction NTP Winter 2015
- Construction duration is 12 months





Questions?





