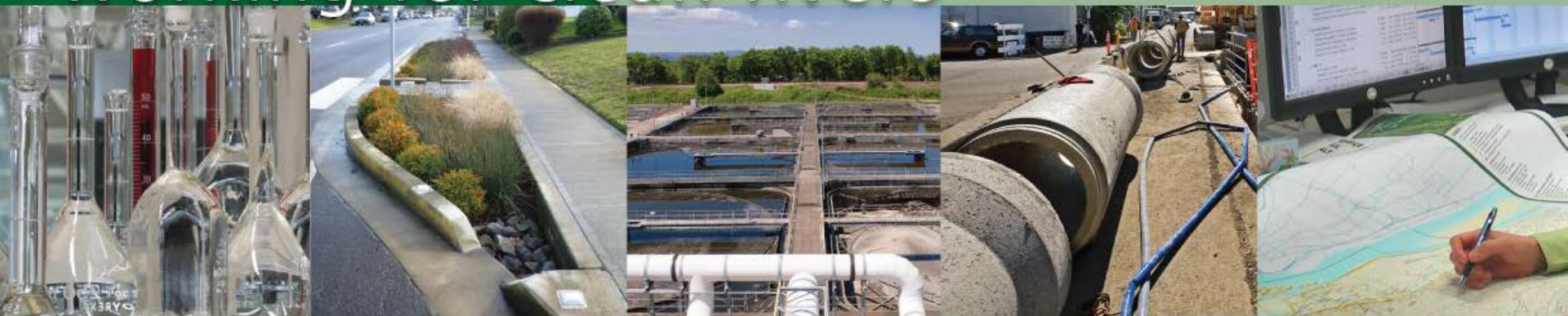


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## **Council Item #20** **Far North Nicolai Sewer Rehabilitation** **Project**

**Scott T. Gibson, P.E., Principal Engineer**  
**Brandon Wilson, P.E., Engineer**  
**Bureau of Environmental Services**

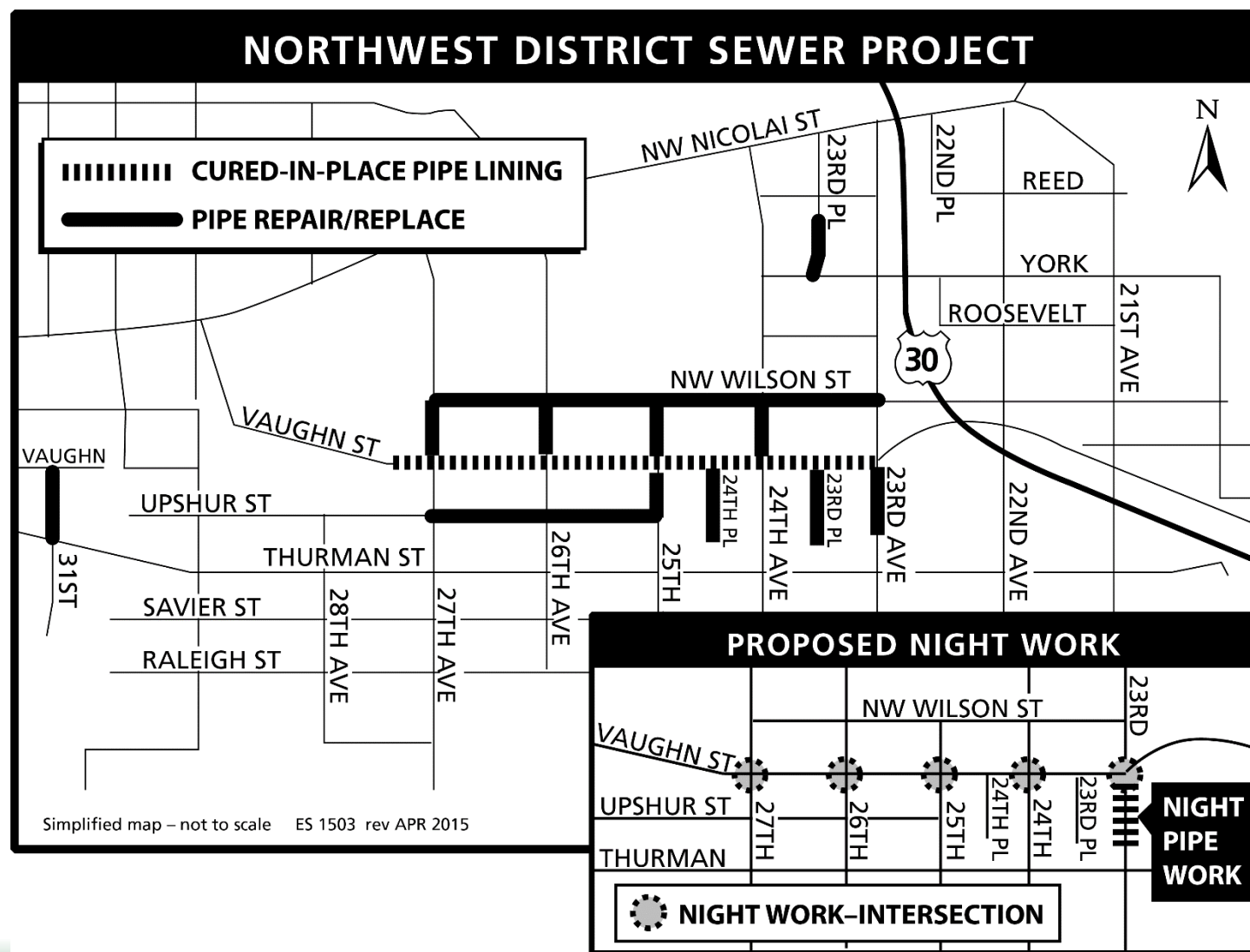
January 6, 2016



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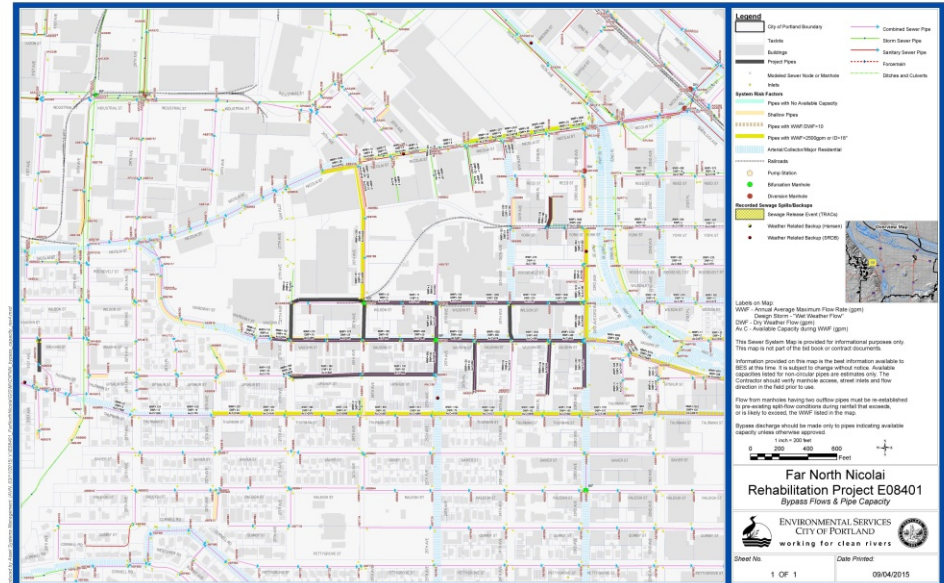
NICK FISH, COMMISSIONER  
MICHAEL JORDAN, DIRECTOR

# Project Location



# Project Goals and Objectives

- Recommended in the BES' System Plan (2012)
- Increases capacity and rehabilitates poor condition pipe
- 6,000 LF of new mainline pipe
- 2,000 LF of Cured in Place Pipe in NW Vaughn



# Public Involvement

- Based on extensive public input and outreach.
- Extensive Noise Variance process along NW Vaughn and related outreach.
- Balance stakeholder needs from nearby industrial, commercial, hotels, residences and ODOT's I-405 ramp.

**Northwest District Sewer Replacement Project  
Noise Review Board Public Hearing**

Environmental Services is designing the Northwest District Sewer Project to replace aging sewer pipes and help prevent sewer backups. The bureau has requested a noise variance to allow nighttime construction on a portion of NW Vaughn Street to avoid daytime traffic disruptions on this heavily traveled arterial.

The Portland Noise Review Board is requiring a public hearing on the noise variance request. The public will have an opportunity to make comments and ask questions at the hearing.

**Northwest District Sewer Project  
Noise Variance Hearing  
Wednesday, April 8, 2015  
Lovejoy Room in Portland City Hall  
1221 SW 4th Avenue**

Your comments are valuable and the Noise Office wants to hear from you. If you can't attend the April 8 hearing, you can submit your comments by letter or email to:

**Portland Noise Office**  
1221 SW 4th Avenue  
Suite 110  
Portland, OR 97204  
Email: [noise@portlandoregon.gov](mailto:noise@portlandoregon.gov)

**Noise Variance Requirements**  
[www.portlandoregon.gov/oni/noise](http://www.portlandoregon.gov/oni/noise)

**PROJECT MAP**

**PROJECT INFORMATION**  
[www.portlandoregon.gov/bes/NWDistrict](http://www.portlandoregon.gov/bes/NWDistrict)

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# Flow Transfer to NW Wilson

- Alternative chosen that transferred flow, and corresponding open cut pipe work, one block north to less busy side street.
- This alternative will greatly reduce project night work, traffic disruptions and related noise.
- The pipes in Vaughn will be rehabilitated using a less disruptive trenchless method.



# Next Steps

- Advertisement early 2016
- Level of Confidence is High
- Purchasing Agent to report back to Council with lowest responsible bid
- Construction NTP early summer 2016
- Construction duration is 15 months



# Questions?

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