

IMPACT STATEMENT

188974

Legislation title: Authorize a competitive solicitation and contract with the lowest responsible bidder and provide payment for construction of the Structural Rehabilitation of Taggart Outfall 30, BES Project No. E10220 for an estimated cost of \$8 million (Ordinance)

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Purpose of proposed legislation and background information:

The Taggart Outfall 30 conveys combined sewer overflows that exceed the capacity of the East Side CSO Tunnel to the Willamette River. While the Tunnel System can collect and convey in excess of 94% of the historic volume previously discharged to the river, during large storms, the system must still relieve to the Willamette River. This is one of five overflow points on the east of the river designed for this relief. The structural rehabilitation project will make improvements to the lower section of this 1922 brick pipe to address infiltration and pipe deterioration.

Completion of this work is designed to rehabilitate and maintain our existing infrastructure for long-term reliability of an additional 100-year life.

Financial and budgetary impacts:

This project has been identified and approved in the Bureau's FY 2016/2017 through FY 2019/2020 projected budget.

Community impacts and community involvement:

Since September 2014, BES Public Involvement (BES PI) has been providing community outreach, public involvement, and public information services for the Taggart Outfall 30 project. The project area includes mostly commercial, business, and light industrial uses. Residential areas are located to the west and south of the project area.

Key stakeholders include the Brooklyn and Hosford-Abernethy neighborhoods and the Division-Clinton and Central Eastside Industrial business districts. BES PI has provided information to these residential and business community groups via email and phone contacts, mailed flyers and newsletters, project webpage, in-person neighborhood meeting presentations, and on-site outreach to individual businesses.

BES PI has maintained a mailing list of 700 property owners, tenants, residents, and businesses, and an email list of 150 interested individuals who have signed up for emailed project updates. At a minimum, we will continue to provide public information to all properties within a two-block radius of work zones during construction.

We have focused our outreach and public information services on the project scope, sewer system repair locations, construction methods, schedule of daytime and nighttime work, public impacts and mitigation plans, private property impacts, and traffic controls and impacts.

The Portland Noise Office approved a work schedule that will include night work in some locations. Because crews can safely work in the Outfall pipes only on dry days when there will be no flow into the pipes from rain or other parts of the sewer system, the project will take advantage of Portland's dry season to complete these urgent repairs and work all hours and all days in the industrial area between SE Grand Avenue and SE 16th Avenue adjacent to light rail. Work in the other, more

residential areas will be completed during regular daytime construction hours from 7 a.m. to 6 p.m. Monday through Friday, and Saturday if needed.

Regarding the night work for this project, BES PI provided outreach services required by the Portland Noise Office. BES mailed flyers announcing its request for a noise variance to the entire project area. BES shared information with and made presentations to the Brooklyn and Hosford-Abernethy neighborhoods and the Division-Clinton and Central Eastside Industrial business associations, and provided outreach to interested individuals via email.

BES PI has framed the outreach for this sewer repair project in the context of the condition of the Taggart Outfall 30 pipe and the need to repair it. The sewer pipe is showing signs of cracks, fractures, and missing brick and mortar, putting the Outfall at risk of structural failure that could result in significant impacts to the area. This project will allow the Taggart Outfall sewer to properly perform its role in protecting public health, water quality, and the environment.

The Outfall will be repaired using construction methods that can be completed from inside the sewer line and will require minimal work aboveground in the roadway. This will minimize construction impacts on the neighborhood. Work at each manhole west of the light rail tracks may last several months, while work on manholes in SE 16th Avenue and in SE Tibbetts Street should be less than a month at each location. Crews may be working at multiple locations at the same time.

100% Renewable Goal:

This action does not increase or decrease the City's total or renewable energy use.

Budgetary Impact Worksheet**Does this action change appropriations?**

☐ **YES:** Please complete the information below.

☐ **NO:** Skip this section

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount