

**Sewer Lining Contract 21-1 (C600686)
SEPA Determination of Non-Significance (DNS)**

Description of Proposal

SPU uses its Sewer Lining Program to rehabilitate sewers in the City of Seattle relatively quickly and with minimal impacts. The Program addresses deteriorated sewer pipes and associated structures typically in city-owned street rights-of-way. Rehabilitation is achieved by installing cured-in-place-pipe (CIPP) liners in existing pipes. Work typically includes traffic control and permitting, public relations, coordination with other utilities, bypass pumping, pre-installation pipe cleaning and inspection using closed circuit television (CCTV), debris removal, obstruction removal, CIPP installation, reinstatement of active laterals, post-installation CCTV inspection, and restoration of undeveloped areas to pre-construction conditions.

CIPP is a rehabilitation method that installs a jointless, seamless, pipe-within-a-pipe to repair or rehabilitate existing pipelines. The process involves pulling a resin-impregnated felt pipe liner into the pipe to be rehabilitated. Both ends of the liner are then sealed with protective end caps and air pressure is introduced, forcing the liner to expand into place. The liner is then cured using ultraviolet light. In this method, an ultraviolet light train is inserted into the liner; cameras on the train allow for viewing of the alignment and fit. When the CIPP process is complete, laterals are reinstated using a remote-controlled cutting unit or via worker entry into larger-diameter pipes.

Generally, CIPP lining is a 'no-dig' operation requiring no excavation. However, minor vegetation removal and excavation may be required to locate and access maintenance holes (MH) and to stage equipment.

The proposed large-diameter sewer work includes rehabilitation of approximately 1,000 linear feet of 15-inch diameter sewer mainline pipe at four sites. Each site includes one segment of mainline sanitary sewer or combined sewer. For each mainline segment, a CIPP liner would be installed along the entire segment between upstream and downstream MHs. Existing MHs would be used for access during CIPP installation and associated work. A brief summary of each site is provided below.

Site 30: Segment 30A: Install CIPP liner along the mainline sanitary sewer between MHs 035-384 and 035-364. Subject pipe is a 286-foot segment of 15-inch diameter reinforced concrete pipe in the median of 7th Ave N crossing Thomas St.

Site 31: Segment 31A: Install CIPP liner in mainline sanitary sewer between MHs 035-385 and 035-366. Subject pipe is a 290-foot segment of 15-inch diameter vitrified clay pipe in the median/turning lane of Dexter Ave N crossing Thomas St.

Site 76: Segment 76A: Install CIPP liner in mainline combined sewer between MHs 039-191 and 039-220. Subject pipe is a 297-foot segment of 15-inch diameter vitrified clay pipe in the driving lane of 6th Ave between Lenora St and Virginia St.

Site 115: Segment 115A: Install CIPP liner in mainline sanitary sewer between MHs 039-343 and 039-336. Subject pipe is a 212-foot segment of 15-inch diameter vitrified clay pipe in the south travel lane of Pike St mid-block from 5th Ave and crossing 4th Ave.

Proponent

Seattle Public Utilities
Seattle Municipal Tower Suite 4900
P.O. Box 34018
Seattle, WA 98124-4018

Location of Proposal

The four sites are wholly in street rights-of-way. Nearby street addresses for the four sites are as follows:

- Site 30: Segment 30A, 104 7th Ave N (Section 30, Township 25N, Range 4E)
- Site 31: Segment 31A, 215 DEXTER AVE N (Section 30, Township 25N, Range 4E)
- Site 76: Segment 76A, 2035 6TH AVE (Section 31, Township 25N, Range 4E)
- Site 115: Segment 115A, 1429 5TH AVE (Section 31, Township 25N, Range 4E)

Lead Agency

Seattle Public Utilities, the lead agency for this proposal, has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

This Determination of Non-Significance (DNS) is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for fourteen (14) days from the issuance date below.

A copy of the environmental checklist is available online at <http://www.seattle.gov/utilities/neighborhood-projects/construction-impacts>

Public and Agency Comments

Comments on this DNS must be submitted by July 7, 2022 and must be sent by email to:

Ingrid Wertz, SEPA Responsible Official
Seattle Public Utilities
ingrid.wertz@seattle.gov

Signature: _____
Ingrid Wertz

Issue Date: June 23, 2022

Appeals

Appeals of this DNS must be accompanied by an \$85 filing fee and must be filed by 5:00 p.m. on July 14, 2022. Please see the Office of the Hearing Examiner web site for Temporary Operating Rules During COVID-19: <http://www.seattle.gov/hearing-examiner>