

**2021 Sewer Lining Contract 21-2 (C600687)
SEPA Determination of Non-Significance (DNS)**

Description of Proposal

The proposed project would repair two combined sewer system pipe segments and two mainline sanitary sewer pipe segments using cured-in-place pipe (CIPP) installation. Work includes traffic control and permitting, public outreach, 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 trenchless rehabilitation method that installs a jointless, seamless, pipe-within-a-pipe to repair or rehabilitate existing pipelines. The process involves pulling a felt and resin 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 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 proper placement is confirmed, the ultraviolet light train is activated and drawn through the pipe at a controlled, pre-determined speed of up to six feet per minute. When the CIPP process is complete, lateral pipe connections can be 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. Where sites are partially in or adjacent to an Environmentally Critical Area (ECA) staging would be located as far from the ECA as possible to avoid vegetation impacts and ground disturbance within the ECA or its buffer.

Proponent

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

Location of Proposal

The four pipe segments are located in the City of Seattle at the following two locations within street rights-of-ways: (1) NE 55th St between 29th Ave NE and 31st Ave NE and (2) near the intersection of N107th and Midvale Ave N.

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 June 16, 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 2, 2022

Appeals

Appeals of this DNS must be accompanied by an \$85 filing fee and must be filed by 5:00 p.m. on June 23, 2022. Please see the Office of the Hearing Examiner web site for Temporary Operating Rules During COVID-19: <http://www.seattle.gov/hearing-examiner>