

Drainage and Wastewater (DWW) Utility Protection Notes

For projects requiring SDOT shoring review to reduce sewer blockages and establish a protocol for accessing pipe for CCTV and cleaning.

1. The Contractor/Owner/Owner's Agent shall plan for protection of existing sewer and drainage infrastructure along the project frontage prior to the start of excavation, drilling, tiebacks, concrete placement and dewatering activities. The DWW Protection Plan shall include, at a minimum:
 - a. Base Map identification of all record mainlines and maintenance holes (MH), side sewers, drainage structures, CB and inlet connection pipes.
 - b. Approved plans shall show the approved horizontal and vertical clearance from all of the above.
 - c. A communication plan for any event of known or suspected damage or blocking of any DWW infrastructure that includes notifications to SPU, SDOT, DPD and the Geotechnical Special Inspector. The **SPU Emergency contact is 206-386-1800**. The Permittee shall designate a project representative responsible for the DWW Protection Plan and maintain a log of communications that will be available to Seattle Department of Transportation upon request.
 - d. Pre- and Post-Construction CCTV of DWW mainlines by PACP certified personnel per Sections 7-17.3(3) G to 7-17.3(3) G4 of the current Standards Specifications for Road, Bridge, and Municipal Construction. Submit video via electronic communication or physical copy to Seattle Municipal Tower, 700 Fifth Avenue, SMT-49-00, Attention: Nathaniel Hunter.
2. The Contractor shall stop drilling when unexpected readings are observed or unexpected debris, which could be from clay, concrete, plastic or metal pipe are encountered, or when sewage odors are present.
3. The Contractor shall monitor grout volumes for each soil nail or tieback and stop grouting when the anticipated grout take is exceeded by a percentage determined by the Geotechnical Engineer of Record.
4. Once halted, the Contractor/Owner/Owner's Agent shall investigate and take corrective action to protect DWW utilities before continuing to drill or grout in the suspect location.
5. Any maintenance or CCTV work shall be per City of Seattle vendor specifications and tracked in the SPU work management system. Work tracking commences with the notification.