



**Construction Method:**

**Guided Auger Bore**

**Project:**

**City of Olympia Port Storm Diversion**

**Location:**

**Olympia, Washington**

**Project Description:**

Staheli Trenchless Consultants was asked by the City of Olympia to evaluate trenchless methods for installing a 15-inch Vitrified Clay Pipe (VCP) down a busy street where access was very tight and trenchless methods were preferred. Due to the number of existing utilities and the lack of groundwater, STC shoes pilot tube guided auger boring as the trenchless method.

The project included the removal of an existing storm drain and installation of a new storm drain and associated structures. There were many utilities in the surrounding and some were encountered that were not marked or shown on the drawings, making construction challenging at times. STC was called in during construction to assist the Owner with some challenges they faced when the guided auger boring machine encountered an abandoned RCP that was not marked on any drawings. This event necessitated digging down to the obstruction and removing the piece of pipe that obstructed the progress of the guided auger boring. However, once the obstruction was removed, the progress was able to continue and the bore completed successfully. For more guided auger boring projects successfully designed and completed by Staheli Trenchless, please visit our Web site at [www.stahelitrenchless.com](http://www.stahelitrenchless.com).



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