

Technical Memorandum



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To: Tawni Dalziel (City of Sammamish)
From: Dave Cole (Otak)
Copies: [Electronic Submittal]
Date: 10/12/2017
Subject: Response to Sammamish Plateau Water District
PAUE Comments

Project No.: Zackuse Creek - 32794

Sammamish Plateau Water District provided comments in an August 2, 2017 letter for the Zackuse Creek Water Crossing and Stream Re-alignment Project after a submittal for SEPA exemption. This memo provides Otak's response (in red) to Sammamish Plateau Water District's comments and questions (numbered below).

1. The District has a 12" diameter PVC sewer main on the west side of East Lake Sammamish Parkway that appears to conflict with the proposed box culvert. This sewer main carries high flows and will need to be temporarily bypassed or supported in place during excavation and construction of the culvert. A minimum of 6" clearance will need to be provided between the sewer main and the top of the box culvert.

From pothole information completed on 7-14-17, we believe the PVC sewer main has a 15-inch diameter starting from the upstream manhole. A temporary sewage bypass system with auxiliary power will be provided for the peak sewage flow. This replaced sewer main will preserve the current pipe slope while providing a minimum of 6-inches of clearance between the box culvert and the sewer main, including an ethafoam pad.

2. The District has a 8" diameter DI water main on the east side of East Lake Sammamish Parkway that appears to conflict with the proposed box culvert. This water main will need to be supported in place or replaced during excavation and construction of the culvert. A minimum of 6" clearance will need to be provided between the water main and the top of the box culvert.

The 8" DI water main will be cut and replaced with an 8" temporary HDPE pipe during construction. This temporary pipe will then be replaced with a permanent 8" DI main following construction. This permanent pipe will provide a minimum of 6" of clearance between the box culvert and sewer main, including an ethafoam pad.