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May 12, 2026

MEMORANDUM

**TO:** George Sidhu, P.E., General Manager  
**FROM:** Mark Handzlik, P.E., Engineering Manager  
**SUBJECT:** Underground Solutions Sole Source

**Requested Action:**  
Information only.

**Background:**

The Alger pipe relocation project has been designed to be located within (under) the shoulder and on top of the new Lake Samish Road fish passage culvert. In this location, there is very little room between the road (shoulder) surface and the top of the new fish passage culvert. Making it more challenging is the WSDOT requirement to put a casing on the crossing.

To meet these design requirements and maintain adequate capacity, an 18-inch-diameter steel casing was selected, and a fused 12-inch-diameter PVC C-900 was selected for the carrier pipe. The advantage of using a fused pipe is that it does not require bell-and-spigot joints, which necessitate a larger-diameter casing.

Underground Solutions, Inc. is the sole supplier of fused PVC C-900 pipe. They are also the only authorized welder of the pipe.

**Fiscal Impact:**  
N/A

Enclosures: 1. [Underground - Solutions PVC - Fusing Sole Source](#)