

*End Bent 2:*

This bent is located east of Second Creek with borings for the left lane structure taken atop of the existing US 70 roadway fill and right lane borings performed in the creek floodplain. A total of four borings were performed for this bent location. Roadway fill was encountered for the first 15.4 feet of the left lane structure and consists of very soft red-brown-gray silty sandy clay (A-7-6). Alluvial soils were encountered beneath roadway fill on the proposed left lane structure and traverse to natural ground along the right lane structure. Alluvium is 8 to 18 feet in thickness and consists of very soft tan-brown-gray sandy clay (A-6, A-7-5), and very loose to loose gray clayey sand (A-2-4, A-3). Beneath alluvium residual soil is encountered between elevation 635 and 646 feet. Residual soils appear to be totally eroded away at boring EB2-A LT LN but extend up to 9.5 feet in thickness in boring EB2-B RT LN. Residual soil is comprised of medium dense to very dense tan-brown-gray-white sand (A-2-4). Both the weathered rock and hard rock horizons fluctuate in elevation at each boring location across this bent. Weathered rock occurs at elevation 646 feet at boring EB2-A LT LN, 629 feet at EB2-B LT LN, 633 feet at EB2-A RT LN, and 628 feet at EB2-B RT LN. Likewise refusal on hard rock varies in elevation between 644.19 feet and 628.21 feet for left lane borings and 631.11 to 622.97 feet for right lane borings.

**Groundwater**

Static groundwater measurements made more than 24 hours after each boring indicate a groundwater table between approximate elevation 646 and 651 feet across the site.

Respectfully submitted,

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