

and soft weathered rock to depths of at least 12 to 14 meters, underlying a 4 to 5 meter alluvial cover.

A boring on the left side of the east-bound bridge (EBL EB2-A) penetrated 3.60 meters of alluvial silty sand (A-2-4) and 0.68 meters of basal alluvial gravel (A-1-b). An interlayered sequence of very stiff to very hard sandy silt saprolite (A-4) and soft weathered rock was penetrated from the base of alluvium at 4.28 meters to the base of the boring at a depth of 14.03 meters.

A boring on the right side of the east-bound bridge (EBL EB2-B) penetrated 4.02 meters of alluvial silty sand (A-2-4) and thin basal gravel. Interlayered very stiff to very hard sandy silt saprolite (A-4) and soft weathered rock were found from the base of alluvium at 4.02 meters to the base of the boring at 11.94 meters.

A boring on the left side of the west-bound bridge (WBL EB2-A) found 4.02 meters of alluvial silty sand (A-2-4) and 0.61 meters of basal alluvial sand and gravel (A-1-b). Interlayered very stiff to hard sandy silt saprolite (A-4) and soft weathered rock were found from the base of alluvium at 4.63 meters to the base of the boring at a depth of 12.32 meters.

Foundation Recommendations

Drilled shafts in hard rock are recommended on all interior bents.

12 inch steel H-piles driven or pre-bored to bearing elevations are recommended on end bents. Bearing elevations, with requisite pile embedment, are as follows:

EB1	470.0 meters on rock
EB2	468.5 meters in saprolite and weathered rock

Respectfully Submitted,



Louis L. Acker, PG
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