

4.0 NOTES TO THE DESIGNER

Shallow groundwater and alluvial sandy soils are present at Bent 1. Cobbles were encountered within alluvium in borings EB1-A and EB2-B. A weathered rock seam was encountered in boring B1-B at 38.9 to 39.2 feet.

5.0 CLOSURE

The geotechnical investigation is based on the Preliminary General Drawings, dated January 4, 2005, and the Bridge Survey & Hydraulic Design Report, dated October 21, 2004, and the data obtained from our field and laboratory testing program. If the proposed location and geometry, or finished grades are changed or are different from those outlined above, it may be necessary to obtain additional data about foundation materials for the structure.

Cross-sections and profiles are generalized interpretations of soil conditions between borings and should not be considered accurate other than at the boring locations. Subsurface conditions between boring locations or elsewhere on the site may vary, and subsurface anomalies may exist which were not detected.

Engineering Consulting Services, Ltd. appreciates this opportunity to be of service to the NCDOT on this project. Should you have any questions concerning this report, please feel free to contact the undersigned.

Respectfully submitted,

ENGINEERING CONSULTING SERVICES, LTD.

Stanley Bullin
Staff Engineer

Todd J. Roberson
Project Manager

Attachments

Douglas O. Bell, P.E.
Principal Engineer
Licensed NC 19670