

PROJECT: 34209.1.1 **ID: I-4025A**

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

GEOTECHNICAL UNIT

STRUCTURE SUBSURFACE INVESTIGATION

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-4025A	1	67
WBS ELEMENT NO.	F.A. PROJ. NO.	DESCRIPTION	
34209.1.1	IMS-77-1(141)83	P.E.	
		CONST.	

CAUTION NOTICE

THE SUBSURFACE INFORMATION AND THE SUBSURFACE INVESTIGATION ON WHICH IT IS BASED WAS MADE FOR THE PURPOSE OF STUDY, PLANNING AND DESIGN, AND NOT FOR CONSTRUCTION OR PAY PURPOSES. THE VARIOUS FIELD BORING LOGS, ROCK CORES, AND SOIL TEST DATA AVAILABLE MAY BE REVIEWED OR INSPECTED IN RALEIGH BY CONTACTING THE N. C. DEPARTMENT OF TRANSPORTATION, GEOTECHNICAL UNIT @ (919) 250-4088. NEITHER THE SUBSURFACE PLANS AND REPORTS, NOR THE FIELD BORING LOGS, ROCK CORES, OR SOIL TEST DATA IS PART OF THE CONTRACT.

GENERAL SOIL AND ROCK STRATA DESCRIPTIONS AND INDICATED BOUNDARIES ARE BASED ON A GEOTECHNICAL INTERPRETATION OF ALL AVAILABLE SUBSURFACE DATA AND MAY NOT NECESSARILY REFLECT THE ACTUAL SUBSURFACE CONDITIONS BETWEEN BORINGS OR BETWEEN SAMPLED STRATA WITHIN THE BOREHOLE. THE LABORATORY SAMPLE DATA AND THE IN SITU (IN-PLACE) TEST DATA CAN BE RELIED ON ONLY TO THE DEGREE OF RELIABILITY INHERENT IN THE STANDARD TEST METHOD. THE OBSERVED WATER LEVELS OR SOIL MOISTURE CONDITIONS INDICATED IN THE SUBSURFACE INVESTIGATIONS ARE AS RECORDED AT THE TIME OF THE INVESTIGATION. THESE WATER LEVELS OR SOIL MOISTURE CONDITIONS MAY VARY CONSIDERABLY WITH TIME ACCORDING TO CLIMATIC CONDITIONS INCLUDING TEMPERATURES, PRECIPITATION AND WIND, AS WELL AS OTHER NON-CLIMATIC FACTORS.

THE BIDDER OR CONTRACTOR IS CAUTIONED THAT DETAILS SHOWN ON THE SUBSURFACE PLANS ARE PRELIMINARY ONLY AND IN MANY CASES THE FINAL DESIGN DETAILS ARE DIFFERENT. FOR BIDDING AND CONSTRUCTION PURPOSES, REFER TO THE CONSTRUCTION PLANS AND DOCUMENTS FOR FINAL DESIGN INFORMATION ON THIS PROJECT. THE DEPARTMENT DOES NOT WARRANT OR GUARANTEE THE SUFFICIENCY OR ACCURACY OF THE INVESTIGATION MADE, NOR THE INTERPRETATIONS MADE OR OPINION OF THE DEPARTMENT AS TO THE TYPE OF MATERIALS AND CONDITIONS TO BE ENCOUNTERED. THE BIDDER OR CONTRACTOR IS CAUTIONED TO MAKE SUCH INDEPENDENT SUBSURFACE INVESTIGATIONS AS HE DEEMS NECESSARY TO SATISFY HIMSELF AS TO CONDITIONS TO BE ENCOUNTERED ON THIS PROJECT. THE CONTRACTOR SHALL HAVE NO CLAIM FOR ADDITIONAL COMPENSATION OR FOR AN EXTENSION OF TIME FOR ANY REASON RESULTING FROM THE ACTUAL CONDITIONS ENCOUNTERED AT THE SITE DIFFERING FROM THOSE INDICATED IN THE SUBSURFACE INFORMATION.

WBS ELEMENT 34209.1.1 I.D. NO. I-4025A
 F.A. PROJECT IMS-77-1(141)83
 COUNTY YADKIN/SURRY
 PROJECT DESCRIPTION BRIDGE NO. 13 ON I-77 SBL
OVER THE YADKIN RIVER, YADKIN VALLEY RAILROAD, NC 268

SITE DESCRIPTION _____

CONTENTS:

- 1) NCDOT GEOTECHNICAL UNIT SOIL AND ROCK CLASSIFICATION SHEET(SHEET 2)
- 2) GEOTECHNICAL REPORT OF SUBSURFACE EXPLORATION (SHEET 3-8)
- 3) SITE VICINITY MAP (DRAWING No. 1, SHEET 9)
- 4) BORING IDENTIFICATION DIAGRAM (DRAWING No. 2, SHEET 10)
- 5) SUBSURFACE PROFILE AND CROSS-SECTIONS (DRAWING No. 3-13, SHEETS 11-21)
- 6) FINAL BORING LOGS, CORING LOGS, AND CORE PHOTOGRAPHS (SHEETS 22-56)
- 7) SCOUR REPORT, CHANNEL BED AND BANK MATERIAL LABORATORY TEST DATA AND GRAIN SIZE DISTRIBUTION GRAPHS (SHEETS 57-61)
- 8) SUMMARY OF SOIL LABORATORY TEST DATA (SHEET 62)
- 9) SUMMARY OF ROCK LABORATORY TEST DATA (SHEET 63)
- 10) SITE PHOTOGRAPHS (SHEET 64-67)

For Letting

INVESTIGATED BY <u>D. GOODNIGHT/P. ALTON</u>	PERSONNEL <u>D. KITCHEN</u>
CHECKED BY <u>J. VINSON</u>	<u>P. BOND</u>
SUBMITTED BY <u>P. WEAVER</u>	<u>R. TOOTHMAN</u>
DATE <u>5/27/04</u>	<u>A. DINES</u>
	<u>C. HENN</u>
	<u>T. WELLS</u>
	<u>R. BRITIAN</u>
	<u>D. FLEMING</u>

NOTE - THE INFORMATION CONTAINED HEREIN IS NOT IMPLIED OR GUARANTEED BY THE N. C. DEPARTMENT OF TRANSPORTATION AS BEING ACCURATE NOR IT IS CONSIDERED TO BE PART OF THE PLANS, SPECIFICATIONS, OR CONTRACT FOR THE PROJECT.

NOTE - BY HAVING REQUESTED THIS INFORMATION, THE CONTRACTOR SPECIFICALLY WAIVES ANY CLAIMS FOR INCREASED COMPENSATION OR EXTENSION OF TIME BASED ON DIFFERENCES BETWEEN THE CONDITIONS INDICATED HEREIN AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

DRAWN BY: DRK

