CONTENTS:

NCDOT Classification Sheet

Geotechnical Report
Site Vicinity Map
Boring Identification Diagram
Subsurface Profile

Subsurface Cross-Sections

D. Hardister

Laboratory Test Results Rock Testing Summary Field Scour Report

Alluvial Grain Size Plots

9-18 19

19

Final Boring Logs

Site Photographs

# STATE OF NORTH CAROLINA

STATE	STATE P	BOJECT REPRESENCE NO.	78	THE STATE OF
N.C.	I	3-3504	1	25
STATE PROLNO.		P.A.PROLNO.	DESCRIPTION	
8.257	2301	BRZ-1331(4)	P.E	:.
			CONS	T

### DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
GEOTECHNICAL UNIT

# STRUCTURE SUBSURFACE INVESTIGATION

STATE PROJECT <u>8.25723</u>	01 I.D. NO. B-3504
F.A. PROJECT <u>BRZ-133</u>	
COUNTY RANDOLPH	
PROJECT DESCRIPTION_	Bridge 363 over Caraway
Creek on SR 1331	
SITE DESCRIPTION	
DITE DESCRIPTION	

### CAUTION NOTICE

THE SUBSURFACE INFORMATION AND THE SUBSURFACE INVESTIGATION ON WHICH IT IS BASED WAS MADE FOR THE PURPOSE OF PREPARING THE SCOPE OF WORK TO BE INCLUDED IN THE REQUEST FOR PROPOSAL. THE VARIOUS FIELD BORNG LOSS, ROCK CORES, AND SOLL TEST DATA AVAILABLE MAY BE REVIEWED OR INSPECTED IN RALEGH BY CONTACTING THE N.C. DEPARTMENT OF TRANSPORTATION, GEOTECHNICAL UNIT 8 (919) 250-4088. THE SUBSURFACE PLANS, FROBING LOGS, ROCK CORES, AND SOLL TEST DATA ARE NOT PART OF THE CONTRACT.

SOIL AND ROCK BOUNDARIES WITHIN A BOREHOLE ARE BASED ON GEOTECHNICAL INTERPRETATION UNLESS ENCOUNTERED IN A SAMPLE, INTERPRETED BOUNDARIES MAY NOT NECESSARILY REFLECT ACTUAL SUBSURFACE CONDITIONS BETWEEN SAMPLED STRATA, AND BOREHOLE INFORMATION MAY NOT NECESSARILY REFLECT ACTUAL SUBSURFACE CONDITIONS BETWEEN BORINGS.

THE LABORATORY SAMPLE DATA AND THE IN SITU CH-PLACE) TEST DATA CAN BE RELED ON ONLY TO THE DEGREE OF RELIABILITY INFERIT 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 MY VARY CONSIDERABLY WITH TIME ACCORDING TO CLIMATIC CONDITIONS INCLUDING TEMPERATURES, PRECIPITATION AND WIND, AS WELL AS OTHER NON-CLIMATIC FACTORS.

THE DEPARTMENT DOES NOT WARRANT OR GUARANTEE THE SUFFICIENCY OR ACCURACY OF THE INVESTIGATION MADE OR THE OPINON 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 HAISELF AS TO CONDITIONS TO BE ENCOUNTERED ON THE PROJECT, THE CONTRACTOR SHALL HAVE NO CLAM 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.

NOTE - THE INFORMATION CONTAINED HEREN 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 CLAMS FOR INCREASED COMPENSATION OR EXTENSION OF TIME BASED ON DIFFERENCES BETWEEN THE CONDITIONS INDICATED HEREIN AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

## For Letting

INVESTIGATED BY D. Hardister	PERSONNEL J. White	
CHECKED BY JD Hoskins III	R. Scarlette	
SUBMITTED BY JD Hoskins III	B. Maxberry	•
DATE January 2, 2004	S. Tierney	•
DAIL	R. Benfield	•
		•

