5/28/99

PROJECT REFERENCE NO.	SHEET NO.
R-2911D	17

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PBSJ POST, BUCKLEY, SCHUH & JERNIGAN, INC.
3214 SPRING FOREST ROAD
RALEIGH, NORTH CAROLINA 27616

USGS MONUMENT F-186, A STANDARD BRASS DISK SET VERTICALLY IN THE SOUTHEAST FACE OF MORE EASTERLY OF THE TWO CONCRETE PILLARS OF THE UNDERPASS WHICH ARE NORTHEAST OF THE TRACK AND ARE ABOUT TWO FEET HIGHER THAN THE TRACK.
N 719804.015 E 1520590.4760
BL STA 240+12.25 71.423' RT.
ELEV. 721.05

-LLT-

-L- STA 243+54.07 (35' LT) =
-YT- STA 13+36.92
ELEV. 725.41

(-)4.0850%

EXISTING US 70 (ROADWAY FILL)

EXISTING US 70 (ROADWAY FILL)

(-)4.0850%

SEE SHEET 5 FOR -L- PLAN VIEW

-LRT-

-L- STA 243+63.41 (35' RT) =
-YT- STA 10+36.26
ELEV. 725.06

SS-12
SS-13

-L- STA. 239+50 40 RT

(-)4.1620%

RESIDUAL - STIFF TO VERY STIFF

16
34

RED-TAN SILTY SANDY CLAY, MOIST

VERY STIFF TO HARD TAN SANDY SILT, MOIST

DRY 3-02

-L- STA. 242+50 70 RT

22
28

DRY 3-02

SS-14

-L- STA. 245+40 77 RT

15
36
36

RESIDUAL - MEDIUM DENSE TO VERY DENSE GRAY-WHITE SILTY SAND, DRY

DRY 3-02

-L- STA. 248+50 50 RT

(-)4.1620%

WEATHERED ROCK (SILTY SAND)

DRY 3-02

SEE SHEET 5 FOR -L- PLAN VIEW

SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	PL. I.	% BY WEIGHT C. SAND	F. SAND	SILT	CLAY	% PASSING SIEVES 10	40	200	% MOISTURE	% ORGANIC
SS-12	40 RT	239+50	4.70-5.70	A-7-6(11)	49	21	4.9	45.3	23.3	26.5	100	98	60	-	-
SS-13	40 RT	239+50	9.70-10.70	A-4(0)	31	NP	7.3	61.6	22.9	8.2	100	98	42	-	-
SS-14	77 RT	245+40	5.10-6.10	A-2-4(0)	28	NP	37.1	44.7	12.0	6.1	100	80	24	-	-

$$$$SYSTIME$$$$
$$$$SCREENSIZE$$$$