5/28/99

PROJECT REFERENCE NO.	SHEET NO.
R-2911D	23

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

-LLT-

PI = 316+00.00
EL = 705.20'
VC = 720'
K = 151
DS = 60 MPH

(+)4.0000%

(-)0.7636%

EXISTING US 70 (ROADWAY FILL)

PI = 321+50.00
EL = 701.00'
VC = 350'
K = 136
DS = 60 MPH

(-)0.7636%

(+)1.8025%

PI = 325+50.00
EL = 708.20'
VC = 360'
K = 166
DS = 60 MPH

(+)1.8025%

(-)0.3800%

EXISTING US 70 (ROADWAY FILL)

PI = 330+00.00
EL = 706.50'
VC = 530'
K = 137
DS = 60 MPH

SEE SHEET 11 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
S-47	15 RT	317+00	0.00-9.70	A-7-6(22)	54	28	5.3	28.1	32.0	34.6	100	98	75	-	-
SS-48	5 RT	321+10	5.10-6.10	A-4(3)	34	10	2.2	58.4	25.1	14.2	100	100	52	-	-
SS-49	5 RT	321+10	0.10-11.10	A-7-6(6)	41	13	8.5	41.7	31.4	18.3	94	89	58	-	-
S-50	60 RT	323+67	0.00-10.10	A-7-5(18)	56	20	11.8	13.6	13.6	54.9	100	94	77	-	-
S-51	15 RT	327+85	11.00-18.70	A-7-5(29)	60	25	1.0	10.6	41.6	46.8	100	100	93	-	-

-LRT-

PI = 316+00.00
EL = 705.20'
VC = 720'
K = 111
DS = 65 MPH

(+)3.5111%

(-)0.0709%

S-47
-L- STA. 317+00 15 RT

SS-48
SS-49
-L- STA. 321+10 5 RT

SS-50
-L- STA. 323+67 60 RT

PI = 325+50.00
EL = 708.80'
VC = 355'
K = 152
DS = 60 MPH

(+)1.8750%

(-)0.1667%

S-51
-L- STA. 327+85 18 RT

RESIDUAL - STIFF GRAY CLAYEY SANDY SILT, MOIST

18

29

RESIDUAL - STIFF TO HARD TAN-BROWN SANDY SILTY CLAY, MOIST

DRY 4-02

DRY 4-02

RESIDUAL - STIFF TO HARD TAN-BROWN SANDY SILTY CLAY, MOIST

DRY 4-02

DRY 4-02

SEE SHEET 11 FOR -L- PLAN VIEW

$$$$SYSTIME$$$$
$$$$USERNAME$$$$