5/28/99

PROJECT REFERENCE NO.	SHEET NO.
R-2911D	24

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.
3216 SPRING FOREST ROAD
RALEIGH, NORTH CAROLINA 27616

780 770 760 750 740 730 720 710 700 690

328 329 330 331 332 333 334 335 336 337 338 339 340 341

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

(-)0.3800%

(+)3.4891%

EXISTING US 70 (ROADWAY FILL)

PI = 344+25.00
EL = 756.22'
VC = 1,430'
K = 151
DS = 60 MPH

-LLT-

(+)3.4891%

EXISTING US 70 (ROADWAY FILL)

SEE SHEET 12 FOR -L- PLAN VIEW

-LRT-

SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	PL. I.	% BY WEIGHT				% PASSING SIEVES			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-52	30 RT	332+75	5.70-6.70	A-7-5(10)	57	15	14.9	28.9	25.7	30.5	100	94	62	-	-
SS-53	30 RT	332+75	10.70-11.70	A-4(0)	40	NP	16.9	48.2	24.7	10.2	100	94	44	-	-
SS-54	15 RT	337+75	4.80-5.80	A-7-5(17)	60	26	14.2	24.4	18.6	42.7	100	95	66	-	-
SS-55	15 RT	337+75	9.80-10.80	A-5(0)	52	NP	26.7	43.9	17.2	12.2	100	91	37	-	-

PI = 330+00.00
EL = 706.70'
VC = 540'
K = 137
DS = 60 MPH

(-)0.4667%

(+)3.4751%

DRAINAGE W/ RIP-RAP

SS-52
SS-53

-L- STA.
332+75
30 RT

9
6
5

DRY 4-02

RESIDUAL - MEDIUM STIFF TO STIFF TAN MICACEOUS SILTY SANDY CLAY, MOIST

MEDIUM STIFF RED-BROWN CLAYEY SANDY SILT, MOIST

SS-54
SS-55

-L- STA.
337+75
15 RT

8
6
5

DRY 4-02

PI = 344+25.00
EL = 756.22'
VC = 1,430'
K = 152
DS = 60 MPH

(+)3.4751%

SEE SHEET 12 FOR -L- PLAN VIEW

$$$$$SYSTIME$$$$$
$$$$$