TAYLOR • WISEMAN & TAYLOR
ENGINEERS • SURVEYORS • PLANNERS
G.P.S. • SUBSURFACE UTILITY ENGINEERING
4011 NATIONS FORD DRIVE SUITE 132, RALEIGH, N.C. 27609
TELEPHONE NO. (919) 859-8322 FAX NO. (919) 859-8332

METRIC

5 0 10

PROJECT REFERENCE NO.	SHEET NO.
R2514-A	37

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

CONST. REV.

R/W REV.

BM #1 BIG WALNUT PIPE LOCATED 0.6' N.E. OF RT. STA 25+85.09 ELEV. = 363

PROPOSED GRADE LINE

EXISTING GROUND

(-)10.30%

(-)10.07%

(-)10.26%

P.I. 124+00.00
EL. 367.75

K = 161
L = 300.00

SEE SHEET NO.16 FOR LINE & PLAN

SOUTHBOUND

122+00 123+00 124+00 125+00

Soil Sample Test Results

SAMPLE NO.	STATION	OFFSET	DEPTH INTERVAL	ASSHTO CLASS	LL	PI	% PASSING #10	% PASSING #40	% PASSING #200	% PASSING #10	% PASSING #40	% PASSING #200	% MOISTURE	% ORGANIC
S145	121+00	CL	0.5'-5.0'	A-6(7)	28	11	104	85.7	74.5	54.5	100	100	67	25.7
S146	121+00	CL	10.0'-15.0'	A-6(7)	28	10	98	87.7	79.2	54.3	100	100	68	24.9
S147	123+00	CL	1.0'-5.0'	A-6(7)	34	15	94	59.2	48.2	33.2	100	100	55	
S148	124+00	CL	0.5'-5.0'	A-6(7)	30	11	118	93.2	85.8	66.2	100	99	65	
S149	124+00	CL	10.0'-15.0'	A-6(7)	26	9	108	89.9	80.3	60.7	100	100	63	

PROPOSED GRADE LINE

(-)10.30%

(-)10.26%

P.I. 124+00.00
EL. 367.75

K = 29
L = 95.00

VERY SOFT TO SOFT DARK BROWN CLAYEY FINE SANDY SILT, MOIST

EXISTING GROUND

SOFT TO MEDIUM STIFF GRAY BROWN SILTY CLAY AND CLAYEY SANDY SILT, MOIST TO WET

SEE SHEET NO.10 FOR LINE & PLAN

NORTHBOUND

122+00 123+00 124+00 125+00

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carsaero