10/26/98

PROJECT REFERENCE NO.	SHEET NO.
R-2610A	2-CC
R/W SHEET NO.	

METRIC

5 0 10

ROADWAY DESIGN ENGINEER
11-11-03
NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SHILLINGLAW
Richard A. Shillinglaw

NAD 83

-Y1- PLANK ROAD
SR 1007

-Y1-	
DUALS	2%
TTST	1%
DHV	10%
DIR	60%

2004 ADT
2024 ADT

-L-	
DUALS	4%
TTST	13%
DHV	10%
DIR	60%

810 / 1,086 (-Y1-)
228 / 297
383 / 590
12,038 / 30,383 US 421 US 421 12,321 / 20,873
128 / 197
255 / 393
583 / 790 (SR 1007)

BEGIN CONSTRUCTION
BEGIN PROJECT R-2610A
-L- POT Sta. 10+00.000 =
CL -SBL- POT Sta. 10+00.000 (8.172m LT)=
CL -NBL- POT Sta. 10+00.000 (8.172m RT)

-Y1- POT Sta. 12+40.143
S 26° 34' 56.2" W
-Y1- PT Sta. 12+33.152
SR 1007 PLANK RD BST
-Y1-

REPLACE ISLANDS ON EXISTING LOCATION

-Y1- PC Sta. 11+36.338
-L- POT Sta. 11+96.302 =
-Y1- POT Sta. 11+14.284

-L- POT 13+25.843 =
CL SBL PC 13+25.843 (8.172m LT)

BEGIN CONSTRUCTION
NEW PAVEMENT
-SBL- 12+60

22°55'09.8"
CAT-1
30-11
1.5m OFFSET
BEG 1.2m P.S.
57°59'36.2"
160m MEDIAN TURN LANE
90m TAPER
30m UNIFORM TAPER
AT-1
3.6m

10+00 11+00 12+00 13+00

1.2 BST
US 421 SBL T.2 BST
-SBL-
N 79° 39' 45.9" W
1.2 BST
-L-
0.9 BST
US 421 NBL T.6 BST
-NBL-
N 79° 39' 45.9" W
1.2 BST
30m UNIFORM TAPER
160m MEDIAN TURN LANE

R=18m
R=1.2m
1.369m
1.384m
S 42° 25' 51.5" W
S 37° 50' 12" W
S 44° 20' 44.9" W

-Y1- PT Sta. 10+92.170
AT-1
-Y1- PC Sta. 10+88.162
BEGIN RESURFACING AND WEDGING
-NBL- 12+60

-Y1- PT Sta. 10+69.462
-Y1- PC Sta. 10+52.425
SR 1007 FAYETTEVILLE ST.
REPLACE ISLANDS ON EXISTING LOCATION

-Y1- POT Sta. 10+00.000

-L- POT 12+98.200 =
CL NBL PC 12+98.200 (8.172m RT)

-L- PC Sta. 13+09.283

-SBL-	-NBL-	-L-
PI Sta 14+65.333	PI Sta 15+01.768	PI Sta 17+50.705
Δ = 16° 40' 54.8" (RT)	Δ = 22° 41' 40.3" (RT)	Δ = 47° 41' 56.6" (RT)
L = 277.007	L = 401.800	L = 831.257
T = 139.490	T = 203.568	T = 441.422
R = 951.410	R = 1,014.405	R = 998.500
SE = 0.048	SE = 0.048	SE = 0.048
Runoff = 42m	Runoff = 42m	Runoff = 42m

-Y1-	-Y1-	-Y1-
PI Sta 10+60.952	PI Sta 10+90.167	PI Sta 11+85.056
Δ = 6° 30' 27.7" (LT)	Δ = 4° 35' 34.3" (RT)	Δ = 15° 50' 55.3" (LT)
L = 17.037	L = 4.008	L = 96.814
T = 8.528	T = 2.005	T = 48.718
R = 150.000	R = 50.000	R = 350.000

11-DEC-2003 15:00
RShillinglaw
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