8-17-99

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

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SHILLINGLAW
12-11-03
Richard A Shillinglaw

METRIC 5 0 10

-Y9-	
DUALS	3%
TTST	10%
DHV	10%
DIR	60%

-Y9- GULF ROAD SR 2139

155/293 — 2004 ADT / 2024 ADT

-100/-100 (NW) -100/-100 (NE) -100/-100 (SW) -100/-100 (SE)

12,266/20,679 US 421 — US 421 12,321/20,872

SR 2139 — 155/293

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

NAD 83

-Y7B- PT Sta.10+36.517

-Y9- POT Sta.12+82.829 = -Y7B- POC Sta.10+38.854

-Y7B- PC Sta.10+00.000 BEG CONST

-Y7B- POT Sta.10+72.336 END CONST

SR 2195 MURCHISON RD 6.0 BST

-Y7B- N 51° 30' 10.2" W 2.722m

3.0m 3.6m TAPER 20° 28' 08.6" R=17m 3.878m 18.431m TAPER 21° 02' 21.7"

55-14-55 2.5m OFFSET

30+00 31+00 32+00 33+00

19° 33' 41.9"

-L- PT Sta.32+64.485

-Y9- 3.0m N 48° 49' 15.8" W 3.850m

17° 45' 5.2" 140° 20' 32.8" 59° 38' 15.4" 21° 02' 22.3"

30-90-30 1.0m OFFSET

55-20-55 1.0m OFFSET

UNIFORM TAPER 90.00m

30m TAPER

90m UNIFORM TAPER

3.6m LANE

R=1.2m 2.940m R=18m R=1.2m 2.863m R=18m

SR 2139 GULF RD 6.0 BST

US 421

-L- STA 31+48.721 = -Y9- STA 12+12.178

-Y9- PT Sta.11+95.261

END 12m P.S.

-Y9- POT Sta.10+00.000 BEGIN CONSTRUCTION

N 69° 58' 40.2" W

-Y9- PC Sta.10+29.668

-Y9- PT Sta.10+66.593

PC Sta.11+54.767

11+00 12+00

R = 1.2m 11+90.34 2.304m LT OFFSET 4.5m

R = 0.6m 11+82.201 3.904m LT OFFSET 5.5m

10° 41' 39.1" 13° 43' 43.3"

-Y9-	
PI Sta 10+48.343	PI Sta 11+78.775
Δ = 21° 09' 24.4" (RT)	Δ = 77° 20' 16.2" (LT)
L = 36.926	L = 40.494
T = 18.675	T = 24.008
R = 100.000	R = 30.000
SE = .078	SE = .020
RUNOFF = 43	SEE PLANS

03-NOV-2003 07:56
C:\projects\R2610A\PRO\R2610A_SR2139_GULF_RD_SR2195_MURCHISON_RD_INTERSECTION.dgn