NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

PROJECT REFERENCE NO.	SHEET NO.
W-5206Z	EC-09/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADE EROSION CONTROL FOR CONSTRUCTION SHEET 04

-Y-
PI Sta 13+27.97
Δ = 1° 21' 34.7" (LT)
D = 1° 08' 45.3"
L = 118.65'
T = 59.33'
R = 5,000.00'
DS = 60 MPH

-L-
PI Sta 12+72.90
Δ = 53° 21' 59.1" (LT)
D = 45° 50' 11.8"
L = 116.43'
T = 62.82'
R = 125.00'
DS < 20 MPH

-L-
PI Sta 15+88.33
Δ = 37° 50' 59.7" (RT)
D = 9° 32' 57.5"
L = 396.36'
T = 205.72'
R = 600.00'
DS = 40 MPH

-L-
PI Sta 19+36.71
Δ = 23° 26' 59.3" (LT)
D = 7° 32' 20.1"
L = 311.05'
T = 157.73'
R = 760.00'
DS = 40 MPH

Place Matting for Erosion Control on Slope as Work Allows. Sta. 10+85 -L- LT to Sta. 11+95 -Y- RT

Place Matting for Erosion Control on Slope as Work Allows. Sta. 11+95 -Y- LT to Sta. 19+00 -L- LT

Place Matting for Erosion Control on Slope as Work Allows. Sta. 10+85 -L- RT to Sta. 14+80 -Y- RT

Place Matting for Erosion Control on Slope as Work Allows. Sta. 14+00 -L- LT to Sta. 14+80 -L- LT

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

MALCOLM D & JUDY M GILLIS
DB 4093, PG 287
PLOTTED FROM GIS

GALATIA PRESBYTERIAN CHURCH INC
DB 3660, PG 782
PB 45 PG 1

DUNCAN B & SYLVIA PARKER, DAVIS K & ELLEN K PARKER
DB 4916, PG 729

ELLEN K PARKER
DB 2467, PG 59

JAMES W & WENDY C GILLIS
DB 8178, PG 257
PB 108 PG 107

WILLIAM K GILLIS
DB 4810, PG 589

POT Sta. 10+00.00

BEGIN TIP PROJECT W-5206Z
-L- STA 10+85.00
BEGIN OVERLAY AND WIDENING

BEGIN CONSTRUCTION
-Y- STA 11+95.00

+55.00 -Y- EXIST R/W

+70.00 -Y- EXIST.R/W

+10.08 -L- EXIST R/W

PC Sta. 12+68.64

+00.00 -L- 35' LT

+78.98 -L- 35' LT

PRC Sta. 17+78.98

+40 85'

+05 85'

+04 36.51'

+35 65'

+43 EXIST.R/W

PT Sta. 20+90.03

-L- GALATIA CHURCH RD. (SR 1103)

PC Sta. 13+82.61
N 34° 21' 05.4" E

+00.00 -L- 35' RT

-L- POT Sta 13+44.09=
-Y- POC Sta.13+27.97

+56.00 -L- EXIST.R/W

+87.29 -Y- EXIST.R/W

PT Sta. 13+87.29 -Y-

PT Sta. 13+26.51 -L-

PC Sta. 12+10.08

125' TRANSITION

62.5' TRANSITION

GRADE TO DRAIN

TBM #1 EL=228.34' NAIL IN 18" PINE

SPEC. CUT DITCH
STA 14+00 - 18+00 -L- RT
SEE DETAIL 1

RETAIN

9' (TYP)

MATCHLINE SHEET 5 -L- STA 23+00.00

END TIP PROJECT W-5206Z
-L- STA 23+66.00

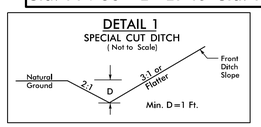
RESURFACE AND ADD 2 FT FDPS FROM -Y- 14+80 TO -Y- 28+00
SEE TYPICAL SECTION NUMBER 5A

S 57° 21' 43.2" E

N 48° 45' 05.8" E

N 16°35'55" E 73.01'
N 16°35'55" E 185.80'

DETAIL 1
SPECIAL CUT DITCH
(Not to Scale)



FROM STA. 14+00 TO STA. 16+00 -L- RT
FROM STA. 16+00 TO STA. 18+00 -L- RT

Asphalt pavement to be removed

POINT	NORTHING	EASTING	ELEVATION
BL-1	460194.09'	1981574.35'	225.77'
BL-2	459681.58'	1982233.08'	224.18'
BL-3	459030.04'	1983220.43'	221.76'
BL-4	460835.53'	1983657.30'	219.68'
BL-5	461167.69'	1983680.96'	200.69'
BL-6	461197.11'	1983305.19'	214.30'
BL-7	461063.71'	1982582.26'	220.39'

POINT	NORTHING	EASTING	ELEVATION
TBM 1	460059'	1981453'	228.34'
TBM 2	460881'	1982304'	224.41'
TBM 3	459096'	1983428'	222.80'

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY OTHERS FOR MONUMENT "GPS1"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 460194.09 (ft) EASTING: 1981574.35 (ft)
ELEVATION: 225.77 (ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999875507
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BL1" TO -L- STATION 10+00 IS N 79-11'-39.5" AND 426.81'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

See sheet 9 for -L- profile