Docusign Envelope ID: 7C202650-49B4-4A98-BBF1-C00FE6D8E59A

PROJECT REFERENCE NO.	SHEET NO.
B-5831	2B-4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 027418 ENGINEER MARCUS LOWERY
9/5/2025

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 16600 ENGINEER RANDALL C. HERRIGAN
9/8/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

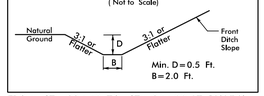
TGS ENGINEERS
706 HILLSBOROUGH ST. SUITE 200
RALEIGH, NC 27603
PH (919) 773-8887
CORP. LICENSE NO.: C-0275

-XOVR2-
PI Sta 26+40.94
Δ = 5° 58' 14.7" (LT)
D = 0° 23' 42.5"
L = 1,511.03'
T = 756.20'
R = 14,500.00'
SE = SEE PLANS
DS = 60 MPH

NAD 83 /NA 2011

-XOVR2- PT Sta. 33+95.77=
-L- POT Sta.58+93.95 (0.00' LT)
END CONSTRUCTION

DETAIL 2B-1
SPECIAL CUT BASE DITCH
(Not to Scale)



FROM STA. 22+50 TO STA. 24+00 LT. (XOVR2)
FROM STA. 25+50 TO STA. 27+00 LT. (XOVR2)

REMOVE PORTION OF CABLE GUIDERAIL FOR CROSSOVER DETOUR
REPLACE SAME PORTION OF CABLE GUIDERAIL FOR PERMANENT CONDITION

MATCHLINE -XOVR2- STA. 22+00.00
SEE SHEET 2B-3

CONSTRUCT TB 2GI W/TEMP STEEL PLATE COVER FOR TEMP CROSSOVER CONDITION (PLACE GRATE 840.22 FOR FINAL CONSTRUCTION)

2.0' CUT BASE DITCH SEE DETAIL 2B-1

TEMPORARY TERMINAL SECTION

TEMPORARILY END CABLE GUIDERAIL -L- STA 54+07.5(+/-)

2.0' CUT BASE DITCH SEE DETAIL 2B-1

TEMP. TB2GI 2B06 15"
REMOVE
2B13 TEMP. TB2GI
TEMPORARY 15" RCP
2B12 TEMP. TB2GI
TB2GI
BL-4
E607
BM-3
E607
E513
+82.72
+97.69
36" CMP
18" RCP
18" CMP
15" CMP
DI
HW
EXISTING R/W
48" WW ISBW
R/W MON
S 72°24'01" W 20.53'
25+00
30+00
-XOVR2-
55+00
-L-
50+00
60+00
-L-
TO CC CAMP ROAD
MTL
WOODS
END 2' PORTABLE (SLOTTED) CONCRETE BARRIER -L- STA 48+47+/-
2' PORTABLE (SLOTTED) CONCRETE BARRIER

SEE SHEETS 04, & 05 FOR PROPOSED DESIGN

SEE TRAFFIC CONTROL PLANS FOR DETAILS CONCERNING CROSSOVER CONSTRUCTION

EXISTING GROUND
PROPOSED GRADE
LEFT DITCH GRADE
RIGHT DITCH GRADE

-XOVR2-

PI = 22+85.00
EL = 953.09'
VC = 300'
K = 464

(+)1.242%
(+)0.4777%
(+)0.4777%
BEGIN 2.0' BASE DITCH 22+50 ELEV.=951.57'
PI STA 23+50 ELEV.=952.39'
END 2.0' BASE DITCH 24+00 ELEV.=953.11'
BEGIN 2.0' BASE DITCH 25+50 ELEV.=952.89'
PI STA 26+50 ELEV.=953.79'
END 2.0' BASE DITCH 27+00 ELEV.=953.96'
END GRADE -XOVR2- STA 26+82.72 ELEV.954.99'
EXISTING GROUND PER B-5831 SURVEY DATA
END CONSTRUCTION -XOVR2- STA 33+95.77= -L- STA 58+93.95 (0.00' LT)

-XOVR2- STA 21+28.13 TO 26+82.72
WIDEN USING -XOVR2- GRADE POINT AND -XOVR2- SUPERELEVATION

-XOVR2- STA 26+82.72 TO 32+97.69
WIDEN USING MEDIAN EDGE OF PAVEMENT AS CONTROL POINT AND -XOVR2- SUPERELEVATION

990 980 970 960 950 940 930 920 910

22 23 24 25 26 27 28 29 30 31 32 33

REVISIONS

8/17/99

9/5/2025
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