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PROJECT REFERENCE NO.	SHEET NO.
A-0009CA	6
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 35018 JIMMY L. TERRY — 5/31/2022

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 044158 BENJAMIN J. HENEGAR — 5/31/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
201 W. MARION ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

-L- CURVE DATA
PI Sta 21+39.93
△ = 51° 06' 09.7" (RT)
D = 4° 56' 21.4"
L = 1,034.62'
T = 554.57'
R = 1,160.00'
SE = 0.04
DS = 50 MPH

-Y5- CURVE DATA

PI Sta 11+51.55	PI Sta 12+96.74
△ = 9° 49' 14.7" (RT)	△ = 78° 27' 45.3" (RT)
D = 9° 32' 57.5"	D = 49° 49' 20.7"
L = 102.84'	L = 157.48'
T = 51.55'	T = 93.90'
R = 600.00'	R = 115.00'

① -Y5- PCC 12+02.84
② -Y5- PT 13+60.33

-DR2- CURVE DATA
PI Sta 11+03.23
△ = 37° 57' 56.5" (LT)
D = 55° 05' 31.5"
L = 68.91'
T = 35.78'
R = 104.00'
SE = NC
③ -DR2- PC 10+67.46
④ -DR2- PT 11+36.37
Ⓑ S 31° 49' 15.2" E

NOTE:
ALL DRIVEWAYS ARE TO BE ASPHALT UNLESS OTHERWISE NOTED.
END LOCATION OF DRIVEWAY SHOWN ON PLANS REPRESENTS TIE-IN PER CROSS-SECTIONS, THE CONTRACTOR SHALL EXTEND THE DRIVES AND PAVE UP TO THE RIGHT OF WAY LINE. FROM ROW POINT ON MATCH DRIVEWAY IN KIND, UNLESS OTHERWISE NOTED.

NAD 83/2011

MATCH LINE STA -L- 16+00.00
MATCH TO SHEET NO. 4

MATCH LINE STA -L- 30+00.00
MATCH TO SHEET NO. 7

-Y5- POT 10+00.00
-Y5- PC 11+00.00
-L- POT 26+74.83 =
-Y5- POC 12+26.19
-Y5- POT 14+50.00
-L- PT 26+19.98
-Y5- POC 12+80.00 =
-DR2- POT 10+00.00
-DR2- POT 12+00.00

END CONSTRUCTION
-DR2- STA. 11+60.00

S 69° 47' 11.7" E
N 81° 48' 00.0" W
S 9° 55' 00.0" W
N 83° 13' 02" W 287.26'

TOMMY R. COLLINS, ET AL
DB 195 PG 465

TOMMY R. COLLINS, ET AL
DB 195 PG 465
DB 195 PG 468

JACK E. MILLSAPS
DB 355 PG 252

JACK EDWARD MILLSAPS AND WIFE LINDA MILLSAPS
DB 355 PG 252

OLIVER L. AMMONS
DB 139 PG 127

GRAHAM COUNTY BOARD OF EDUCATION

ROBBINSVILLE CITY LIMIT

PROP. HANDRAIL -L-STA. 17+10 TO 17+90, LT
PROP. HANDRAIL -L-STA. 16+75 TO 17+60, RT
CONNECT TO EXIST. BOX CULVERT
RETAIN 4@12'x14' RCBC
RELOCATE (BY OTHERS)
HEADWALL TO BE EXTENDED SEE STRUCTURE PLANS
RIP-RAP AT EMBAMKMENT SEE DETAIL 6A CL 'II' RIP-RAP, EST. 30 TONS
PROP. DRIVE
PROP. CONCRETE DRIVE
DO NOT DISTURB
DO NOT DISTURB SIGN
RELOCATE FENCE (BY OWNER)
150' TAPER
TIE -L- TYP. CUT DITCH TO -DR2- DITCH S=4.1% SEE DETAIL 6C
SPECIAL LATERAL 'V' DITCH SEE DETAIL 6B

BM#2 ELEV. 2015.91'
-BL- STA. 21+59.00 103' RT.
CHISELED 'X' IN CONC PAD FOR TRAFFIC SIGNAL BOX

FOR CULVERT PLANS, SEE SHEET C1-1 THRU C1-5

DETAIL 6A
RIP-RAP AT EMBANKMENT
(Not to Scale)
Width = 22.0 Ft.
Type of Liner = CL 'II' Rip-Rap (Keyed-In)
STA. 16+35-L- RT.

DETAIL 6B
SPECIAL LATERAL 'V' DITCH
(Not to Scale)
Min. D = 1.0 Ft.
FROM STA.10+42 TO STA.11+50-DR2- LT.

DETAIL 6C
SPECIAL LATERAL 'V' DITCH
(Not to Scale)
Min. D = 1.5 Ft.
FROM STA.27+00 LT TO STA.27+50-L- RT.

PROP CONC SIDEWALK
PROPOSED SIGNAL
SA ELIGIBLE AND UNASSESSED SITES

FOR -L- PROFILE, SEE SHEET NO. 20
FOR -DR2- PROFILE, SEE SHEET NO. 28

REVISIONS
8/17/99

5/20/2022
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