Docusign Envelope ID: 048D5AD3-1A89-4C07-BD36-E3D7C8CB3E79

8/17/99

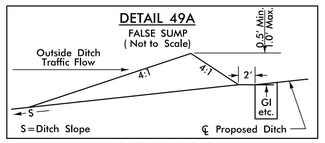
REVISIONS

-Y2- CURVE DATA

PI Sta 152+17.13	PI Sta 167+46.16
△ = 54°14' 50.1" (RT)	△ = 72° 53' 32.5" (LT)
D = 5° 21' 17.1"	D = 4° 58' 56.1"
L = 1,013.07'	L = 1,463.04'
T = 548.10'	T = 849.28'
R = 1,070.00'	R = 1,150.00'
SE = 0.08	SE = 0.06
DS = 55 MPH	DS = 55 MPH

PROP MONOLITHIC CONC ISLAND – SURFACE MOUNTED

DETAIL 49A
FALSE SUMP
(Not to Scale)



-Y2- STA. 153+86 RT

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

PROJECT REFERENCE NO.	SHEET NO.
A-0009CD	49
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 35018 JIMMY L. TERRY ENGINEER
JIMMY L. TERRY 12/27/2026

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 038697 DAVID B. PETTY ENGINEER
DAVID B. PETTY 12/27/2026

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

MATCH LINE STA -Y2- 152+00.00
MATCH TO SHEET NO. 48

MATCH LINE STA -Y2- 166+00.00
MATCH TO SHEET NO. 50

BM#41 ELEV. 2063.76'
-BY27- STA. 157+23.85
N 22°12'25.4" E DIST. 94.64'
SPIKE NAIL IN BASE OF 22" POPLAR

ROGER HOLDER
DB 365 PG 480

MICHAEL HOLDER &
WIFE DELORES HOLDER
DB 169 PG 194

RONALD J. BAKER, JR.
DB 342 PG 811

LEONDUS McCRACKEN &
WIFE DONNA McCRACKEN
DB 261PG 244

ESTATE OF
T. J. EDWARDS
DB 191PG 512

LEONDUS McCRACKEN
DB 237 PG 414

WOLF CREEK DEN, LLC
DB 358 PG 230

-Y2- PC 158+96.87

-Y2- PT 156+82.10

1045' LANE DROP TAPER

CLASS B RIPRAP
2 TONS, 7 GEOTECH

FILL WITH FLOWABLE FILL
EST 3 CY

8'FDPS

GREU TL-3

18" RCP-IV

15" RCP-IV

TYPE B-77

2GI-D

2GI

TB 2GI

CLASS B RIPRAP
2 TONS, 7 SY GEO

FALSE SUMP
SEE DETAIL 49A

SHOULDER BERM GUTTER
-Y2- STA. 152+95 TO
153+25, RT

DOUBLE FACED CONCRETE
BARRIER TYPE T-2
-Y2- STA. 153+25 TO 158+25, RT

DOUBLE FACED CONCRETE
BARRIER TYPE T-2
-Y2- STA. 156+50 TO 161+00, LT

TRANSITION BARRIER TO
FACE OF CURB

2'-6"C&G

GRADE TO
DRAIN

CLASS B RIPRAP
3 TONS, 10 SY GEO

TIE TO EX 18" HDPE

REMOVE
29 LF

DO NOT
DISTURB

18" HDPE
DIRECTION ONLY

PROP. DRIVE

FOR CONCRETE CURB & DRIVE
LAYOUT SEE DETAIL SHT 2B-1

FOR CONCRETE ISLAND
LAYOUT SEE DETAIL SHT 2B-1

SHOULDER BERM GUTTER
-Y2- STA. 161+00 TO
161+30, LT

CLASS B RIPRAP
2 TONS, 7 SY GEO

100' TAPER

100' BUFFER

660' LANE DROP TAPER

510' TAPER TO EXISTING

195' ISLAND TAPER TO EXIST.

748.13' TAPER TO EXISTING

PROP. DRIVE

PROP.
GRAVEL DRIVE

REMOVE BLIND JB

15" CMP REMOVE

TIE PROPOSED SYSTEM INTO EXISTING 15" CMP (UNKNOWN INVERT). CONTRACTOR SHALL CONFIRM HORIZONTAL & VERTICAL LOCATION OF EXISTING 15" CMP PRIOR TO ORDERING STR# 4905.

TIE PROPOSED SYSTEM INTO EXISTING 24" CMP (UNKNOWN INVERT). CONTRACTOR SHALL CONFIRM ELEVATIONS PRIOR TO ORDERING STR #4907.

FOR -Y2- PROFILE, SEE SHEET NO. 76

1/7/2026
X:\NCDOT\A-0009\Roadway\Proj\A-0009CD Plan Sheets\A-0009CD_Rdy_psh_49.dgn
User:jsinel