Docusign Envelope ID: E362FD81-5EE7-40C6-9BE4-F0401C0A1896

PROJECT REFERENCE NO.	SHEET NO.
A-0009CD	EC-06/CONST.46
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TGS ENGINEERS
201 W. MARION ST–STE 200
SHELBY, NC 28150
PH (704) 476–0003
CORP. LICENSE NO.: C–0275

NAD 83/2011

MATCH LINE STA –Y2– 110+00.00
MATCH TO SHEET NO. 45

MATCH LINE STA –Y2– 124+00.00
MATCH TO SHEET NO. 47

56 x 14 x 3
1.5 inch Skimmer
with 0.75 inch
Orifice Diameter
4 ft. weir
ID 46.3

IMPERVIOUS DIKE

LIVESTOCK FENCE RESET DURING A–0009CE CONSTRUCTION

TOE PROTECTION
SEE DETAIL 46A
CLASS B RIPRAP
68 TONS, 150 SY GEO

TIE PROPOSED PIPE INTO EXISTING BOX

REMOVE GUARDRAIL

ROCK EMBANKMENT WITH NATURAL STONE SEE DETAIL SHEET 2G–1

CLASS B RIPRAP
1 TONS, 5 SY GEO

CLASS B RIPRAP
1 TONS, 5 SY GEO

150 AARON E. FARLEY & WIFE APRIL G. FARLEY

151 DANA KILBY

152 DANYELL D. WILSON

152A JAMES R. HYDE & JUNE N. HYDE, TRUSTEES

DANNY JENKINS

LEONDUS McCRACKEN

DANA KILBY

DO NOT DISTURB SEPTIC

PROP. DRIVE

RETAIN

REMOVE

GRADE TO DRAIN

DI 4609

TB 2GI 4610

15" RCP–IV

TB 2GI 4611

18" RCP–IV

Conv. JB To CB–G 4606

Conv. DI To CB–G 4612

Conv. JB To CB–E 4627

RETAIN

CB–G 4619

CB–F 4615

CB–F 4617

CB–F 4621

CB–G 4623

CB–F 4625

REMOVE 18 LF 15" RCP

REMOVE 8 LF CONC BRIDGE

2'-6"C&G 4601

2'-6"C&G

2'-6"C&G

10' PATH

30'R

10'R

36'DR

+92.15

+13.07

+59.00 EX. R/W

+23.00 EX. R/W

+97.00 EX. R/W

+48.00 69.00'

+91.00 71.00'

+33.00 EX. R/W

+62.00 EX. R/W

+04.03 69.00'

TSD

STECOAH CREEK

JAIME J. HOOPER

BILLY HOLDER

DAVID R. HYDE

WOOD RUB RAIL
–Y2– 107+50± TO 110+55±
SEE DETAIL SHT 2C–5

ROCK EMBANKMENT
–Y2– STA. 107+75 TO 111+25, RT
SEE DETAIL SHT. 2G–2

CLASS B RIPRAP
1 TON, 5 SY GEO

10' MULTIUSE PATH W/ TIMBER RAIL FENCE

DO NOT DISTURB BRIDGE

ROCK EMBANKMENT
–Y2– STA. 111+75 TO 114+75, RT
SEE DETAIL SHT. 2G–2

CLASS B RIPRAP
1 TON, 5 SY GEO

ROCK EMBANKMENT
–Y2– STA. 115+25 TO 116+75, RT
SEE DETAIL SHT. 2G–2

11 x 33 x 3
1.5 inch Skimmer
with 0.375 inch
Orifice Diameter
4 ft. weir
ID 46.1

CLASS B RIPRAP
1 TON, 5 SY GEO

WOOD RUB RAIL
–Y2– 112+63± TO 131+51±
SEE DETAIL SHT 2C–5

10' MULTIUSE PATH W/TIMBER RAIL FENCE

ROCK EMBANKMENT
–Y2– STA. 117+75 TO 128+25, RT
SEE DETAIL SHT. 2G–2

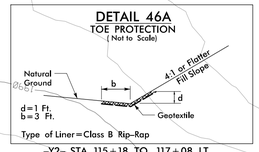
CLASS I RIPRAP
2 TON, 6 SY GEO

FLOODPLAIN BENCH
SEE DETAIL 46D
500 SY COIR FIBER MATTING
DDE=250 CY

CLASS I RIPRAP
2 TON, 6 SY GEO

11 x 44 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
4 ft. weir
ID 46.2

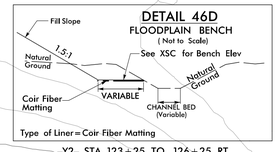
DETAIL 46A
TOE PROTECTION
(Not to Scale)



Type of Liner=Class B Rip-Rap

–Y2– STA 115+18 TO 117+08 LT

DETAIL 46D
FLOODPLAIN BENCH
(Not to Scale)



Type of Liner=Coir Fiber Matting

–Y2– STA. 123+25 TO 126+25 RT

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 46

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.