PROJECT REFERENCE NO.	SHEET NO.
U-2912	EC-6/CONST.7
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 7

-DRIVE1-
PI Sta 0+69.093
Δ = 5° 57' 18.0" (RT)
L = 93.541
T = 46.813
R = 900.000
S.E. = SEE PLANS

6.0 x 2.0 x 1 1.5 weir

-LREV-
PI Sta 21+72.830
Δ = 79° 42' 07.8" (LT)
L = 347.766
T = 208.670
R = 250.000
R.O. = 7%
S.E. = 0.06

CUMBERLAND COUNTY
DB 1751 PG 138

STATE OF N.C.
DB 4206 PG 260
PB 65 PG 77

NAD 83

MATCHLINE SEE INSET A

SEE SHEET 9

SEE SHEET 8

MATCH LINE STA.19+80

MATCH LINE STA.16+70

REMOVE 8" PVC REPLACE BELOW REGRADED BANK

Class I Rip Rap 9.1 mtons FF = 19.2 sm

CL. I RIPRAP OUTLET PROTECTION

RETAIN 450 RCP (UPSTREAM END UNKNOWN)

800 CSP METHOD B INSTALLATION

EXTEND 1200 CL. IV METHOD B INSTALLATION

750 CSP CL. IV METHOD B INSTALLATION

REMOVE ENDWALL

1500 CLASS IV METHOD B INSTALLATION

RETAIN 450

RETAIN

RETAIN OTCB

TSD

TDE

PDE

FLOW

TBJB

JB

CB

OTCB

RW

CA

TI-33 5+00.000 POT
ELEV=39.965
NAIL SET

TI-34 5+39.013 PINC
ELEV=40.631
NAIL SET

PREFORMED SCOUR HOLE SEE DETAIL SHT. 13A.

LINE TOE OF FILL W/PERMANENT SOIL REINFORCEMENT MAT SEE DETAIL C

FILL EXISTING DITCHES, GRADE TO DRAIN

400 CSP W/Elbows and

450 CSP W/Elbows

Class B Rip Rap 2.7 mtons

Class I Rip Rap 2.3 mtons

Class I Rip Rap 3.8 sm

Class I Rip Rap 4.8 sm

Class I Rip Rap 2.3 mtons

13m INC.

375

600 PDE

450 PDE

PCS Sta.19+64.60

-LREV- Sta.19+48.58 BEG.1200mm WW FENCE

-LREV- Sta.19+25.00 BEG.1200mm WW FENCE

-LREV- Sta.17+70.14

TI-35 5+80.186 PINC
ELEV=41.393
NAIL SET

TI-36 6+23.676 POT
ELEV=41.897
NAIL SET

PINC 13+67.682 = -LREV- Sta. 18+02.72 (24.97m)

BL 13+36.666 POT = -LREV- Sta.17+70.14

LAT. V DITCH -DRIVE 1- 10+20 RT. TO 10+68 RT TIE TO EXISTING OTCB SEE DETAIL B

LAT. BASE DTCH W/CL. B RIP RAP -LREV- 17+80 RT. TO 18+72 RT SEE DETAIL D

5.5 x 2.0 x 1 1.5 weir

CUMBERLAND COUNTY
DB 3631 PG 308

TIE TO EXIST. 750 mm CMP GRAU 350

PT Sta.11+15.821

POT Sta.11+25.942

NOTE: DO NOT DISTURB SEWER LIFT STATION.

NOTE:
TEMPORARY SILT FENCE SHALL BE INSTALLED A MINIMUM OF 1 METER FROM TOE OF FILL IN WETLAND AREAS

INSET A

2:1 CUT SLOPE

5ft BERM

MTL

HTR

MATCHLINE SEE SHEET 7

NOTE: SEE SHEET 15 FOR -LREV- PROFILE