8/17/99

HNTB

HNTB NORTH CAROLINA, P.C.
4000 Center at North Hills St
Suite 500
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO.	SHEET NO.
R-5759	EC-6/CONST.6
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83/
NA 2011

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 6

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

25 x 55 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
10 ft. weir
ID 6.3B

36 x 15 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
4 ft. weir
ID 6.2B

70 x 50 x 3
2.0 inch Skimmer
with 1.75 inch
Orifice Diameter
16 ft. weir
ID 6.1B

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICE IN LIEU OF ROCK INLET SEDIMENT TRAP, TYPE–C AS DIRECTED TO AVOID IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

MATCHLINE –L– STA. 33+50.00 SEE SHEET 5

MATCHLINE –L– STA. 47+00.00 SEE SHEET 7

–Y3– PC Sta. 10+65.85
STANDARD BASE DITCH
EST. 25 TON CLASS I RIP RAP
EST. 71 SYGF
SLOPE = 8.3%
EST DDE = 17 CY
SEE DETAIL 33

–Y3– POT Sta. 10+00.00

BEGIN CONSTRUCTION
–Y3– POT Sta. 10+50.00

–Y3– PRC Sta. 12+06.00

–Y3– PT Sta. 13+10.47 =
–DRW3– PT Sta. 13+38.65

–Y3– PT Sta. 13+48.42

–L– PI Sta. 44+55.45
–Y4A– PC Sta. 10+00.00

BEGIN CONSTRUCTION
–Y4A– Sta. 10+28.30

–Y4A– PRC Sta. 10+36.76

END CONSTRUCTION
–Y4A– Sta. 11+30.23

–Y4A– PT Sta. 11+50.00

–L– PC Sta. 42+50.39

–L– PT Sta. 44+01.48
–C3– POC Sta. 14+84.55

–C3– PC Sta. 10+00.00
–C3– PT Sta. 15+19.78

–Y4– PRC Sta. 11+57.12

–L– PI Sta. 45+25.36

–DRW11 REV– PT
Sta. 11+44.15
END CONSTRUCTION
–DRW11 REV– Sta. 11+03.53
REMOVE 47 LF OF 36" RCP

–DRW11 REV– PT
Sta. 10+79.65

–L– POT Sta. 45+81.82
–C3– POC Sta. 12+31.81

–DRW11 REV– PC Sta. 10+35.88

–DRW11 REV– POT Sta. 10+00.00
–C3– POC Sta. 11+60.77

–C3– ROC Sta. 10+38.91 =
–Y4– PC Sta. 10+00.00

–L– POT Sta. 34+18.11 =
–Y3– POT Sta. 15+00.00

END CONSTRUCTION
–Y4– Sta. 14+75.00
15+00
–Y4–

N 3° 30' 30.0" W
N 20° 49' 21.2" W
N 2° 23' 30.7" W
N 52° 05' 51.3" W
N 19° 34' 02.5" E
N 70° 09' 49.4" W
N 40° 09' 49.4" W
S 44° 20' 36.5" E

STANDARD BASE DITCH
EST. 66 TON CL B RIP RAP
EST. 98 SYGF
SLOPE = 13.1%
EST DDE = 45 CY
SEE DETAIL 18

STANDARD BASE DITCH
EST. 45 TON CL I RIP RAP
EST. 67 SYGF
SLOPE = 3.3%
EST DDE = 67 CY
SEE DETAIL 26

VAR. WIDTH STD.
BASE DITCH
EST. 50 TONS
SEE DETAIL 25
DDE = 285 CY
SLOPE = 9.4%

SPECIAL LATERAL 'V' DITCH
W/CL I RIP RAP
EST. 2 TONS, EST. 63 SY GF
SEE DETAIL 8

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 28

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 23

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 13

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 4

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 10

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 13

BANK STABILIZATION
W/FLOODPLAIN BENCH
CLASS I RIP RAP
EST. 92 TONS
SEE DETAIL 35

BANK STABILIZATION
CLASS I RIP RAP
EST 10 TONS
SEE DETAIL 35

BANK STABILIZATION
W/FLOODPLAIN BENCH
CLASS I RIP RAP
EST. 145 TONS
SEE DETAIL 36

BANK STABILIZATION
CLASS I RIP RAP
EST 24 TONS
SEE DETAIL 36

PIPE OUTLET PROTECTION
W/CL I RIP RAP
SEE DETAIL 30

2'Wx3'H CONCRETE BOX CULVERT (INVERT INACCESSIBLE - COVERED IN RIPRAP)

2 @9'X9' RCBC (BURIED 1 FT)

USE STD. DRAWING 862.01 FOR GUARDRAIL PLACEMENT

FLOWABLE FILL

FILL WITH FLOWABLE FILL

REMOVE

DO NOT DISTURB CANOPY

9' X 18" CONC. CURB

ISMTL BUS

ISBLK BUS

ISFD

ISBKD

PROPERTY OWNER LEGEND

34 THE TOWN OF NORTH WILKESBORO
35 RANDALL H. BURCHAM

FOR ROW MONUMENT INFORMATION SEE SHEET 2B–12
FOR –L– PROFILE, SEE SHEETS 19 & 20
FOR –DRW3– PROFILE, SEE SHEET 30
FOR –Y3– PROFILE, SEE SHEET 30
FOR –C3– PROFILE, SEE SHEET 31
FOR –Y4– PROFILE, SEE SHEET 31
FOR –Y4A– PROFILE, SEE SHEET 31
FOR –DRW11– PROFILE, SEE SHEET 31
FOR CONDUIT DETAILS SEE UC–06

NOTE:
1. ALL DRIVEWAY RADII ARE 20' UNLESS NOTED ON PLANS.
2. ALL OUTSIDE CURB & GUTTER ARE 2'–6" UNLESS OTHERWISE NOTED.
3. ALL ISLANDS ARE KEYED–IN 5" MONOLITHIC CONCRETE ISLANDS UNLESS OTHERWISE NOTED.
4. FOR ROUNDABOUT DIMENSIONS, SEE DETAIL 2B–4.

$$$$SYSTIME$$$$
$$$$USERNAME$$$$
$$$$DGN$$$$