8/17/99

-Y7B-
PI Sta 10+18.280
△ = 6° 52' 07.8" (LT)
L = 36.517
T = 18.280
R = 304.602

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 10

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

NAD 83 NCGRID

METRIC

5 0 10

PROJECT REFERENCE NO.	SHEET NO.
R-2610 A	EC-10/CONST.10
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R/W REV. 03-19-02	

SEE SHEET 30 FOR -L- PROFILE
SEE SHEET 43 FOR -Y9- PROFILE
SEE SHEET 2-G FOR -L- & -Y9- INTERSECTION DETAILS
SEE SHEETS 2-H & 2-I FOR DITCH DETAILS
SEE SHEET 48 FOR DITCH PROFILES
SEE CROSS-SECTIONS AND ROADWAY STANDARD DRAWINGS STD. No. 862.01
SHEET 2 FOR SPECIAL MEDIAN GRADING

-BL-
PI Sta 29+81.348
D = 19° 48' 17.0" (LT)
L = 411.332
T = 207.739
R = 1,190.000

-Y9- POT Sta. 12+82.829=
-Y7B- POC Sta. 10+38.854

-Y7B- PT Sta. 10+36.517

END CONST.
-Y7B- POT 10+72.336

BEG. CONST.
-Y7B- PC Sta. 10+00.000

-L- +41.745
116.883m
(383.47 ft)

-L- +35.470
96.071m
(315.19ft)

-L- +58.916
98.751m
(323.99 ft)

-L- +67.413
104.356m
(342.38 ft)

-L- +43.045
87.974m
(288.63 ft)

-L- +58.000
61.000m
(200.13ft)

-L- +81.000
40.000m
(131.23ft)

-L- +86.000
28.041m
(92.00 ft)

-Y9- +57.685
14.166m (46.48ft)

-L- +42.710
28.042m
(92.00 ft)

-L- +80.770
28.042m
(92.00 ft)

-L- +00.000
32.687m
(107.24ft)

-Y9- +60.000
11.000m
(36.09ft)

-Y9- +66.593
8.196m
(26.89ft)

-Y9- +40.000
16.000m
(52.49ft)

-Y9- +29.668
8.193m
(26.88 ft)

-Y9- +00.000
8.522m (27.96 ft)
12.000m (39.37ft)

-Y9- +20.000
15.000m
(49.21ft)

-Y9- +54.767
8.196m
(26.89ft)

END FENCE
END C/A
-L- +99.844
32.919m
(108.00 ft)

BEG FENCE
BEG C/A
-Y7B- +57.658
8.832m
(28.98 ft)

BEG FENCE
BEG C/A
-Y9- +72.646
8.200m
8.196m
(26.89ft)

-Y9- PC Sta. 11+54.767

-Y9- PT Sta. 10+66.593

-L- STA 31+48.721 =
-Y9- STA 12+12.178

-L- PT Sta. 11+95.261

-L- POC 30+00.000 =
-Y9- STA 10+59.544
0.0m OFFSET

END SPECIAL GRADING
-L- STA. 30+05.930

BEGIN CONST.
-Y9- POT Sta. 10+00.000

END SHLDR BERM GTR.
STA. 30+80 -L- LT

SHLDR BERM GTR.

7 x 3 x 1 1.5 weir

6 x 2.5 x 1

7 x 3 x 1 1.5 weir

6 x 2.5 x 1

6 x 2.5 x 1

7 x 3 x 1 1.5 weir

6 x 2.5 x 1

7 x 3 x 1 1.5 weir

RIP RAP BASIN #1
SEE SHEET 2-K FOR DETAIL

CUT BACK GULLY SLOPES TO 2:1 MAX
DO NOT CLEAR TREES

REMOVE VERTICAL HEADCUT, SET DITCH GRADE AT 10% MAX

DITCH REPAIR
SEE DETAIL 10G

0.6m TAIL DITCH
SEE DETAIL 10F

0.6m LATERAL BASE DITCH
SEE DETAIL 10A

SPECIAL DITCH GRADE
SLOPE = 0.44%
SEE DETAIL 10D

LINE TOE
SEE DETAIL 10B

CHANNEL IMPROVEMENTS
SEE DETAIL 10E

DITCH CLEANOUT
SEE DETAIL 10C

THEORDORE BECKNER
DB 552 PG 410
PLATSLIDE 86-131
20

BOREN CLAY PRODUCTS COMPANY
DB 543 PG 473
PLATSLIDE 86-131
16B

BOREN CLAY PRODUCTS COMPANY
DB 265 PG 99
16A

PAUL S. KELLY
DB 498 PG 732
PB 4 PG 85
21

PAUL S. KELLY
DB 498 PG 732
PB 4 PG 85
21

EST. 1.8 MTNS
CL. "B" RIP-RAP
EST. 5.9 SM FF

EST. 4.5 MTNS
CL. "B" RIP-RAP
EST. 11.7 SM FF

EST. 4.5 MTNS
CL. "B" RIP-RAP
EST. 11.7 SM FF

EST. 1.8 MTNS
CL. "B" RIP-RAP
EST. 5.9 SM FF

400 CSP W/ ELBOWS

600 CLASS IV W/ METHOD "B"

400 CSP W/ ELBOWS

2-GI FLAT GRATE

2-GI F.S.

CONC. COLLAR

2-GI H.D. FLAT GRATE

2-GI GRADE TO DRAIN

GRAU 350

JB W/ MANHOLE COVER

CONC. COLLAR

WATER VAULT

FLAG POLE

ISBKBUS

ISMTLBUS

MATCHLINE -L- 28+90 SEE SHEET 9

MATCHLINE -L- 32+20 SEE SHEET 11

SR 2195 MURCHISON RD SO BST

SR 2139 GILLESPIE ST BST

NORFOLK & SOUTHERN RAILWAY

US 421 7.2 BST

I-2 BST

I-2 BST EOT

EOP

MTL

CONC

RETAIN

REMOVE

EXISTING R/W

REMOVE G/R

12-NOV-2003 10:33
d:\projects\r2610a\r2610a01.pah
mlaugesch