PROJECT REFERENCE NO.	SHEET NO.
R-5I3 BB	EC-3/CONST.4
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC 5 0 10

CONST.REV.

R /W REV.

SEE SHEET 33 FOR -L- PROFILE
SEE SHEET 53 FOR -SR5- PROFILE
SEE SHEET 2-C FOR SR5 TIE CONST. DIMENSIONS

-SR5-
PI Sta 10+63.729
△= 76° 41' 18.5" (LT)
L = 40.154
T = 23.730
R = 30.000
SE = 0.030
RUNOFF = 15m

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 4

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "WYE 1977"
WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 103917.867(m) EASTING: 585865.569(m)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99992600
THE N.C. LAMBERT GRID BEARING LOCALIZED HORIZONTAL GROUND DISTANCE FROM "WYE 1977" TO -L- STATION 153+90.000 IS S 27° 47' 54.7" E 8118.814m
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NGVD 29

CALVIN LOWRY DB 917 PG 247

JEFFERY DEAN JONES DB 1077 PG 469 DB 695 PG 453

JERRY LOWRY DB 714 PG 604

ETHEL LOWRY DB 1057 PG 633

-SR5- +00.000 EX.R/W & 20.000m (65.62 ft)

-SR5- +00.000 EX.R/W & 16.000m (52.49 ft)

-SR5- +39.999 16.000m (52.49 ft)

-SR5- +12.500 20.000m & 32.000m (65.62 ft & 104.99 ft)

-SR5- +27.500 20.000m & 32.000m (65.62 ft & 104.99 ft)

-SR5- +30.000 20.000m (65.62 ft)

-SR5- +90.000 20.000m (65.62 ft)

-SR5- +00.000 14.000m (45.93 ft)

-BY3-POTSta. 5+00.000

POTSta.10+00.000 S 44° 05' 39.1" W

SR5 10+14.098 BEG.CONST.

PCSta.10+39.999

PTSta.10+80.153

6 x 2 x 1 2 weir

6 x 2 x 1

SPECIAL CUT BASE DITCH (SEE DETAIL "T")

SPECIAL CUT DITCH (SEE DETAIL "N")

SPECIAL LATERAL "V" DITCH (SEE DETAIL "N1")

1.8 MTNS CL 'B' RIP RAP W/35.2 SM FILTER FABRIC

1.8 MTNS CL 'B' RIP RAP W/5.9 SM FILTER FABRIC

2 @ 750 mm RCP

ENDWALL

BEG.C/A & WW FENCE MONUMENT TO BE PLACED ON R-513BA -L- EX.R/W 31.000m (101.71 ft)

BEG.C/A & WW FENCE MONUMENT TO BE PLACED ON R-513BA -L- EX.R/W 35.000m (114.83 ft)

-L- +96.029 37.410m

-L- +82.296 52.394m (171.897 ft)

-L- +86.967 83.831m (275.04 ft)

-L- +98.793 52.703m

-L- +92.284 50.757m (166.53 ft)

-L- +96.878 82.582m (270.94 ft)

S 37° 52' 33.3" E

S 42° 47' 21.9" E -BL-B-

S 37° 52' 33.4" E

S 28° 10' 07.0" E

S 33° 59' 00.9" E

S 40° 29' 43.8" W -BY3-

-BL-B- POTSta. 161+36.830 =
-BY3- POTSta. 5+92.320
-L- POTSta. 153+82.822
OFFSET 22.077m (LT)

-BL-B-POTSta. 162+73.804
-L-POTSta. 155+17.835
OFFSET 1.019m (RT)

END CONSTR. R-513 BA
-L- Sta.153+80.000 LB =
-L- Sta.153+80.000 LA
BEG. CONSTR. R-513 BB

BEG CABLE GUIDERAIL
DOUBLE FACED
-L- 153+80.000

END PROJECT R-513 BA
-L- Sta.153+90.000 LB =
-L- Sta.153+90.000 LA
BEG. PROJECT R-513 BB

6 x 2 x 1 2 weir

MATCHLINE -L- STA 155+60.000