

PROJECT REFERENCE NO.	SHEET NO.
B-3926	EC-4/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE: INSTALL VEGETATED BERMS (MIN 1 FT HEIGHT) TO ROUTE OFFSITE RUNOFF AROUND EXPOSED PROJECT AREAS. MAT BERMS AS NEEDED TO ESTABLISH VEGETATION.

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

NOTE: UTILIZE TEMPORARY ROCK SEDIMENT DAM TYPE-B AND/OR SPECIAL STILLING BASIN AS STILLING BASIN WHERE APPLICABLE.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

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

BEGIN APPROACH SLAB -L1- Sta.23+03.97
 BEGIN BRIDGE -L1- Sta.23+36.98
 END BRIDGE -L1- Sta.23+82.02
 END APPROACH SLAB -L1- Sta.23+94.15

BEGIN TIP PROJECT B-3926
 -L1- POC Sta. 21+05.00

END PROJECT B-3926
 -L2- POC Sta. 34+85.00

14 x 3 x 3
3' weir

19 x 10 x 3
4' weir

20 x 7 x 3
4' weir

12 x 6 x 3
4' weir

PI Sta 20+77.20
 $\Delta = 11' 11.76" (RT)$
 $D = 10' 55.11"$
 $L = 102.46'$
 $T = 51.39'$
 $R = 524.69'$
 $e = \text{SEE PLANS}$
 $Ro = \text{SEE PLANS}$

PI Sta 23+05.87
 $\Delta = 26' 09.119" (LT)$
 $D = 19' 00.00"$
 $L = 137.65'$
 $T = 70.04'$
 $R = 301.56'$
 $e = .04$
 $Ro = \text{SEE PLANS}$

DATUM DESCRIPTION (-L1-)
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCOI FOR MONUMENT "GPS B3926-1" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 938351522(11) EASTING: 12112305100(11) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99988164 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "GPS B3926-1" TO -L1- STATION 20+25.81 IS N 35° 48' 22.0" W 2,104.90 11 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NGVD 29

PI Sta 10+12.54
 $\Delta = 53' 14.100" (LT)$
 $D = 229' 00.00"$
 $L = 23.25'$
 $T = 12.57'$
 $R = 25.02'$

PI Sta 26+46.43
 $\Delta = 5' 26.326" (LT)$
 $D = 4' 00.241"$
 $L = 135.83'$
 $T = 67.97'$
 $R = 1,430.00'$

PI Sta 27+97.97
 $\Delta = 12' 32.556" (LT)$
 $D = 14' 19.262"$
 $L = 87.61'$
 $T = 43.98'$
 $R = 400.00'$

PI Sta 10+39.26
 $\Delta = 65' 15.090" (RT)$
 $D = 229' 00.00"$
 $L = 28.49'$
 $T = 16.02'$
 $R = 25.02'$

PI Sta 27+34.18
 $\Delta = 8' 55.075" (LT)$
 $D = 22' 28.082"$
 $L = 39.89'$
 $T = 19.89'$
 $R = 255.00'$

PI Sta 29+43.91
 $\Delta = 29' 21.252" (LT)$
 $D = 18' 08.424"$
 $L = 162.94'$
 $T = 83.31'$
 $R = 316.93'$

EXPRESSWAY GUTTER
 -L1- STA 21+05 TO 22+93 RT
 -L2- STA 30+10 TO 32+52 LT

DETAIL A
 SPECIAL LATERAL 'V' DITCH
 (Not to Scale)

DETAIL B
 SPECIAL CUT BASE DITCH
 (Not to Scale)

DETAIL
 FALSE SUMP
 (Not to Scale)

BEGIN GRADE
 -L2- POC Sta. 30+10.00

END GRADE
 -L2- POC Sta. 34+00.00

BEGIN APPROACH SLAB -L2- Sta.32+47.41
 BEGIN BRIDGE -L2- Sta.32+63.00
 END BRIDGE -L2- Sta.33+08.00
 END APPROACH SLAB -L2- Sta.33+23.59

NOTE: SEE SHEET 2 FOR DETAIL OF TEMPORARY FABRIC WALL SEE SHEET 5 FOR -L1- & -L2- PROFILES SEE SHEET 6 FOR -DRIVE1- & -DRIVE2- PROFILES.
 NOTE: 2.5in OVERLAY FROM -L1- STA.25+55.00 TO -L1- STA. 30+04.54, -L2- STA.30+04.66 TO -L2- STA.30+10.00, AND -L2- STA.34+00.00 TO -L2- STA.34+85.00 ALL DRIVEWAY RADII ARE 5' UNLESS OTHERWISE SPECIFIED

