PROJECT REFERENCE NO.	SHEET NO.
R-5130	EC-19/CONST.20
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC 5 0 10

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 20

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

-L-
Pls Sta 299+93.245 Θs = 2° 33' 28.3" Ls = 125.000 LT = 83.342 ST = 41.675
PI Sta 302+60.915 △ = 18° 20' 28.0" (RT) L = 448.158 T = 226.012 R = 1,400.000 SE = 4%
Pls Sta 305+24.736 Θs = 2° 33' 28.3" Ls = 125.000 LT = 83.342 ST = 41.675

-L- POC 304+40.000=
-L-LT PC 304+40.000 (14.100 LT)
-L-RT PC 304+40.000 (14.100 RT)

4 x 2 x 1

-L-LT POT 306+11.063 (14.095 LT) L.B.=
-L- POT 306+10.000 L.A.

6 x 3 x 1 1.5 weir

42 CECIL L. THOMPSON DB 10R PG 640

NAD 83

MATCHLINE STA. 304+40.000 MATCH TO SHT. NO. 18 & 19

MATCHLINE STA. 308+00.000 MATCH TO SHT. NO. 21

-L- POC 304+40.000=
-L-LT PC 304+40.000 (14.100 LT)
-L-RT PC 304+40.000 (14.100 RT)
ISFD
SOIL
W/LT
115 TAPER LT & RT
PROP.5m DR.
+40 -Y9- 22.000 (LT) 72.2 FT
+80 -Y9- EXIST.R/W
CL."B" RIP RAP: EST.27 MTN FILTER FABRIC: EST.8.4 S.M.
EXISTING R/W
-Y9-
450 RCP
300 PVC
FLOW
TSD
+84.124 -L- LT 16.000 (LT)
-L-LT CS 304+84.124
-L-LT ST 306+09.124
+10. -Y9- 14.000 (RT)
S 82° 07' 10.7" E
S 82° 18' 29.7" E
REMOVE FES
375 mm CONC
-L-LT CS 304+84.124
US HWY 74 W 7.2 BST
12 BST
PROP.CABLE GUIDERAIL
RETAIN
1800 mm CONC
VG-50 -L-307+39.946 0.359 (RT)
VG-49 -L-307+15.764 0.115 (RT)
VG-48 -L-306+41.395 0.820 (RT)
VG-47 -L-305+63.134 1.242 (RT)
-L- CS 304+83.061
-L- ST 306+08.061
305+00
306+00
307+00
CONVERT 2GI TO JB
375 RCP
+10 BEG. CABLE GUIDERAIL
+35.6 END CABLE GUIDERAIL
2GI TYPE "D"
NCDOT GPS CTR. MON (RS13C-05) -L-304+88.097 1.485 (RT)
-L- CS 304+81.998
-L-RT ST 306+06.998
PROP. G.R.A.U. TYPE 350
PROP.GUARDRAIL
90 TAPER
REMOVE
-Y8- CS 36+90.900
-Y8- ST 37+45.900
+45.900 -Y8- 20.000 (RT) 65.6 FT
+81.391
+80 -Y8- EXIST.R/W
-L-RT POT 306+08.937 (14.095 RT) L.B.=
-L- POT 306+10.000 L.A.
+50 -Y8- 20.000 (RT) 65.6 FT
PROP.7.2m DR.
PROP.G.R.A.U. TYPE 350
PROP.GUARDRAIL
1800 mm CHL & 3SBW
V-DITCH -Y8- 38+40+/- TO 39+80+/-RT EST.DDE: 477 CuM SEE DETAIL "P" SHT.2-J
+74 -Y8- 30.000 (RT) 98.4 FT
42 CECIL L. THOMPSON DB 10R PG 640
6 x 3 x 1 1.5 weir
2.0 CONC HW
3.0 CONC SW
2.2 CONC HW
CL."I" RIP RAP: EST. 29.9 MTN FILTER FABRIC: EST. 51.8 S.M.
750 RCP
HEADWALL
-Y8B- POT 10+60.000 END CONSTRUCTION
-Y8B- POC 36+60.957 = -Y8B- POT 10+00.000
+18.5 -Y8B- EXIST.R/W
+60 -Y8B- 20.000 (LT) 65.6 FT
+60 -Y8B- 20.000 (RT) 65.6 FT
+70 -Y8B- EXIST.R/W
+32.718 -Y8- 20.000 (RT) 65.6 FT
S 14° 50' 04.3" W
CECIL L. THOMPSON DB 10R PG 640
44 J. P. TAYLOR COMPANY INCORPORATED DB 405 PG 280
1600 mm CONC RAMP
1500 mm CONC
1800 mm CONC
-Y8-
Pls Sta 33+24.990 Θs = 4° 08' 47.1" Ls = 55.000 LT = 36.677 ST = 18.342
PI Sta 35+30.332 △ = 52° 24' 30.8" (RT) Θs = 4° 08' 47.1" L = 347.587 T = 187.018 R = 380.000 SE = 7%
Pls Sta 37+09.243 Θs = 4° 08' 47.1" Ls = 55.000 LT = 36.677 ST = 18.342
DENOTES REMOVAL OF EXIST.PAVEMENT
SEE SHEET NO. 60 FOR -L- RT LN 7 -L- LT LN GRADES AND PROFILES.
SEE SHEETS NO. 125 AND NO. 126 FOR LINE -Y8- GRADE AND PROFILE.
SEE SHEET NO. 131 FOR LINE -Y8B- GRADE AND PROFILE.
SEE SHEETS NO. 132 AND NO. 133 FOR LINE -Y9- GRADE AND PROFILE.

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