PROJECT REFERENCE NO.
R-977A
SHEET NO.
EC-25/CONST.23
HIGHWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
METRIC
CONST. REV.
R/W REV.
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 23
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE- B AND TEMPORARY ROCK SILT CHECKS TYPE-A AT DRAINAGE OUTLETS.
TYPICAL DITCH
Min. D = 0.3 m
FROM -Y8- STA. 10+19 TO STA. 10+51 LT (EST. D.D.E. = 10 cu.m)
'V' DITCH
Min. D = 0.3 m
-Y8- STA. 10+59 TO STA. 10+90 LT (EST. D.D.E. = 6 cu.m)
1.0 METER BASE DITCH
Filter Fabric
Min. D = 3.0 m
Min. d = 1.2 m
Type of Liner = CLASS 'B' RIP RAP
-LREV- STA. 81+10 LT. (EST. D.D.E. = 210 cu.m. RIP RAP = 32 m.tons. FILTER FABRIC = 65 sm)
BEGIN CONSTRUCTION
-Y8- Sta. 10+00.000
-Y8- POC Sta. 10+00.000
10 x 5 x 1
1.5 weir
DILLARD McCOMBS
DB 301 PG 130
DB 128 PG 261
DB 106 PG 628
HERSCHEL W. BOWLING
DB 409 PG 33
DB 350 PG 64
TEMP. CONST. EASEMENT
-Y9- PC Sta. 10+08.183
-Y8- POC Sta. 11+12.686 =
-Y9- POT Sta. 10+00.000
-Y8-
PI Sta 11+36.858
Δ = 26° 33' 12.6" (LT)
L = 268.799
T = 136.858
R = 580.000
SE = EXIST.
-Y9-
PI Sta 10+18.178
Δ = 22° 36' 31.8" (LT)
L = 19.730
T = 9.995
R = 50.000
SE = EXIST.
ROGER D. KAPHERT
DB 828 PG 3
VALERIE CLAUDIA FULLER
DB 552 PG 142
NOTE: GRADE ULTIMATE SECTION FROM -LREV- STA. 81+50 TO 82+20
OBLITERATE
FUTURE LANES
-LREV-
NCDOT
DB 763 PG 217
MATCH LINE -LREV- STA 79+20.000
SEE SHEET 22
MATCH LINE -LREV- STA 82+75.000
SEE SHEET 24
LATERAL 'V' DITCH
Min. D = 0.3 m
b = 1.5 m
FROM -LREV- STA. 82+00 TO STA. 82+55 RT. (EST. D.D.E. = 8 cu.m)
MICHAEL HUGHES
DB 758 PG 111-112
MICHAEL L. HUGHES
DB 758 PG 111 TRACT 1
14 x 7 x 1
1.5 weir
16 x 8 x 1
1.5 weir
13 x 7 x 1
3.0 weir
GENE B. CLAYTON
DB 462 PG 79
DB 263 PG 236
0.6 METER BASE DITCH
Min. D = 0.3 m
Min. d = 0.3 m
b = 1.5 m
Type of Liner = CLASS 'B' RIP RAP
FROM -LREV- STA. 82+55 TO STA. 82+75 RT. (EST. D.D.E. = 34 cu.m. RIP RAP = 20 m.tons. FILTER FABRIC = 40 sm)
TOE OF FILL PROTECTION
Max. w = 2.0 m
Min. d = 0.3 m
Type of Liner = CLASS 'B' RIP RAP
FROM -LREV- STA. 81+60 TO STA. 82+33 LT. (EST. RIP RAP = 76 m.tons. FIL.FAB. = 120 sm)
-LREV-
PIs Sta 75+35.795
Θs = 2° 12' 47.3"
Ls = 90.000
LT = 60.005
ST = 30.004
-LREV-
PI Sta 81+02.675
Δ = 49° 29' 05.4" (LT)
L = 1,006.179
T = 536.885
R = 1,165.000
Se = 0.05
DS = 105 km/h
-LREV-
PIs Sta 86+01.973
Θs = 2° 12' 47.3"
Ls = 90.000
LT = 60.005
ST = 30.004
-L-
PIs Sta 74+99.317
Θs = 1° 28' 31.5"
Ls = 60.000
LT = 40.001
ST = 20.001
-L-
PI Sta 80+74.497
Δ = 50° 57' 36.9" (LT)
L = 1,036.179
T = 555.181
R = 1,165.000
-L-
PIs Sta 85+75.496
Θs = 1° 28' 31.5"
Ls = 60.000
LT = 40.001
ST = 20.001
DENOTES PAVEMENT TO BE REMOVED
SEE SHEET 48 FOR -LREV- PROFILE
SEE SHEET 58 FOR -Y8- PROFILE
SEE PROFILES FOR DITCH GRADES