PROJECT REFERENCE NO.	SHEET NO.
R-977A	EC-58/CONST.28
HIGHWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R/W REV.	

METRIC

5 0 10

DENOTES PAVEMENT TO BE REMOVED

-Y6-
PI Sta 15+22.685
△ = 31° 16' 35.0" (LT)
L = 474.912
T = 243.534
R = 870.000

-Y6REV-/-Y6-
PI Sta 15+19.902
△ = 31° 40' 24.6" (LT)
L = 480.942
T = 246.788
R = 870.000
Se = 0.05
Ro = AS SHOWN
DS = 100 km/h

-Y10-
PI Sta 10+40.037
△ = 56° 44' 44.5" (RT)
L = 49.520
T = 27.004
R = 50.000
Se = 0.02
Ro = AS SHOWN
DS = 35 km/h

-Y7- POT Sta.77+83.126

RICHARD B. CALDWELL,II
AND
MELISSA A. CALDWELL
DB 596 PG 63
DB 596 PG 63

77+00

END CONSTRUCTION
-Y7REV- POT Sta.76+60.000 =
-Y7- POT Sta.76+60.000

-Y7- ST Sta.76+28.085

-Y7- S 7° 10' 11" E

-Y7REV-

S 7° 10' 10.4" E

-Y7- S 7° 10' 11" E

US 64

DILLARD McCOMBS
DB 301 PG 130
DB 128 PG 261
DB 106 PG 628
(25)

SPECIAL 'V' DITCH "A"
Natural Ground; S; D; 4:1; d
Max. S = 2:1
Min. D = 0.3 m
Min. d = 0.3 m
Filter Fabric
Type of Liner = CLASS 'B' RIP RAP
FROM STA. -Y6REV- 12+33 TO STA. 12+74 LT.
(EST. RIP RAP = 41m.tons, FIL. FAB. = 82 sm)

1.5 METER HEAD DITCH
Natural Ground; 2:1; D; 2:1; d
Min. D = 0.5 m
Min. d = 0.5 m
Filter Fabric
Type of Liner = CLASS 'I' RIP RAP
FROM -Y6REV- STA. 12+74 TO -Y6- STA. 12+80 LT.
(EST. D.D.E. = 50 cu.m, RIP RAP = 150 m.tons, FILTER FABRIC = 90 sm)

TAIL DITCH
Natural Ground; D; 2:1; W
Min. D = 0.5 m
Min. W = 2.0 m
Filter Fabric
Type of Liner = CLASS 'II' RIP RAP
-Y10- STA. 9+95 LT.
(EST. D.D.E. = 20 cu.m, RIP RAP = 110 m.tons, FILTER FABRIC = 110 sm)

HEAD DITCH
Natural Ground; D; 2:1; W
Min. D = 0.5 m
Min. W = 2.0 m
-Y10- STA. 10+00 RT.
(EST. D.D.E. = 10 cu.m)

SPECIAL 'V' DITCH "B"
Natural Ground; S; D; Fill Slope
Max. S = 2:1
Min. D = 0.3 m
FROM -Y6- STA. 12+80 TO STA. 13+20 LT.

1.0 METER BASE DITCH
Fill Slope; b; 0.08m/m; 2:1; D; 2:1; Natural Ground
Filter Fabric
Min. D = 0.6 m
Min. d = 0.6 m
Min. b = 1.5 m
Type of Liner = CLASS 'III' RIP RAP
FROM -Y6REV- STA. 12+72 TO STA. 14+05 RT.
(EST. D.D.E. = 600 cu.m, RIP RAP = 1240 m.tons, FILTER FABRIC = 1200 sm)

-Y6REV- PC Sta.12+73.114
-Y6- POC Sta.12+79.151 LB =
-Y6- POC Sta.12+79.151 LA

10 x 5 x 1
1.5 weir

-Y6REV- POT Sta.12+20.000 =
-Y10- POT Sta.10+75.396
△ = 102° 29' 59.1"

9 x 4 x 1

16 x 8 x 1
2.0 weir

16 x 8 x 1
3.0 weir

RICHARD B. CALDWELL
DB 111 PG 88
DB 472 PG 210
(33)

PATRICIA CALDWELL TATHAM
DB 525 PG 175
(34)

TRI-COUNTY COMMUNITY COLLEGE
DB 409 PG 75
DB 363 PG 27
DB 310 PG 81
DB 306 PG 121
(24)

-Y10- PT Sta.10+62.552

-Y10- PC Sta.10+13.033

-Y10- POT Sta.9+90.000
BEGIN CONSTRUCTION

N 44° 12' 09.5" E

MATCH LINE -Y6REV- STA 10+60.000
SEE SHEET 27

MATCH LINE -Y6- STA 14+20.000
SEE SHEET 22

MATCH LINE SR 1549
SEE SHEET 21

SEE SHEET 56 FOR -Y6REV-/-Y6- PROFILE
SEE SHEET 58 FOR -Y7REV- PROFILE
SEE SHEET 57 FOR -Y10- PROFILE
SEE PROFILES FOR DITCH GRADES