PROJECT REFERENCE NO.	SHEET NO.
R-2915A	EC-13/CONST J3
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 13

-L- HORIZONTAL CURVE DATA

PIs Sta 128+63.83	PI Sta 132+00.82	PIs Sta 135+33.68
Θs = 6° 58' 44.0"	Δ = 19° 33' 07.8" (RT)	Θs = 6° 58' 44.0"
Ls = 324.00'	D = 4° 18' 28.6"	Ls = 324.00'
LT = 216.17'	L = 453.86'	LT = 216.17'
ST = 108.15'	T = 229.16'	ST = 108.15'
	R = 1,330.00'	
	SE = 06	
	RO = 324	

-Y7- HORIZONTAL CURVE DATA

PI Sta 10+79.52	PI Sta 12+15.23	PI Sta 13+78.99
Δ = 76° 24' 23.8" (LT)	Δ = 79° 45' 39.9" (RT)	Δ = 96° 16' 39.0" (LT)
D = 114° 35' 29.6"	D = 70° 44' 07.9"	D = 70° 44' 07.9"
L = 66.68'	L = 112.76'	L = 136.11'
T = 39.35'	T = 67.68'	T = 90.40'
R = 50.00'	R = 81.00'	R = 81.00'
SE = 06	SE = 06	SE = 06
RO = 64.2	RO = 64.2	RO = 64.2

-DRI- HORIZONTAL CURVE DATA

PI Sta 10+80.99
Δ = 7° 21' 18.9" (LT)
D = 4° 32' 50.2"
L = 161.75'
T = 80.99'
R = 1,260.00'

NAD 83 CORS

60 x 29 x 3
1.5 inch Skimmer
with 1.250 inch
Orifice Diameter
21 ft. weir
ID 13.2

74 x 30 x 3
1.5 inch Skimmer
with 1.250 inch
Orifice Diameter
22 ft. weir
ID 13.1

55 x 30 x 3
1.5 inch Skimmer
with 1.125 inch
Orifice Diameter
22 ft. weir
ID 13.4

90 x 35 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
27 ft. weir
ID 13.3

BANK STABILIZATION
AT DITCH OUTFALL
SEE DETAIL ZZ
STANDARD BASE DITCH
SEE DETAIL JJ
EST 8 TONS CL B RIP RAP
EST 21 SY FILT FAB

POS -L- STA 136+08.70 =
POT -Y7- STA. 10+00.00
N 77° 24' 32.3" E

PC -DRI- Sta. 10+00.00

PT -DRI- Sta. 11+61.75

BEGIN CONSTRUCTION
-L- STA. 131+00

END CONSTRUCTION
-L- STA. 144+00

MATCHLINE -L- STA. 131+00 – SEE SHEET 12

MATCHLINE -L- STA. 144+00 – SEE SHEET 14

PC -Y7- Sta. 10+40.17

POT -DRI- Sta. 12+78.78
-L- STA 139+36.74

PT -Y7- Sta. 11+06.85

PC -Y7- Sta. 11+47.55

CS -L- Sta. 134+25.52

PT -Y7- Sta. 12+60.31

-Y7- Sta. 12+88.59

-Y7- Sta. 14+24.70

N 1° 00' 08.5" E

N 80° 45' 48.41" E -Y7-

N 15° 30' 50.61" W

S 86° 32' 22.3" W

N 1° 16' 22.3" W

-L- Sta. 137+49.52

ST

-DRI-

135

140

SHOP CURVED R 68'

SHOP CURVED R 94'

SHOP CURVED R 30'

SHOP CURVED R 25'

SPECIAL CUT BASE DITCH SEE DETAIL P

15" SIDE DRAIN

SPECIAL LATERAL BASE DITCH SEE DETAIL E

BERM DITCH SEE DETAIL Z

BERM BASE DITCH SEE DETAIL CC

BERM BASE DITCH SEE DETAIL YY

BERM BASE DITCH SEE DETAIL V

WOVEN WIRE FENCE

SEE DETAIL T FOR PSH

GRAU 350 TL-2

POSSIBLE JUNCTION BOX APPROXIMATE LOCATION INVERTS INACCESSIBLE

TELE. CONDUIT UNDER BRIDGE

6" PVC RISER

GAP CREEK

80 ROCK GAP LIMITED PARTNERSHIP

81 CLAUDE W. SLUDER
MARY NELL WATSON

82 CHURCHES OF CHRIST IN CHRISTIAN

83 ARLETTE E. HEMPEN
JOYCE A. CHASTANG

85 MATHEW D. STEVENS

86 FS HOLDING, LTD. &
BAXTER NORRIS CONSTRUCTION

87 GENE E. PHILLIPS

88 STEVEN MARK COX

89 LARRY KEITH BLACKBURN

ALEX T. JERNIGAN
ANN S. LETHCOE

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

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

RS&H
IMPROVING YOUR WORLD
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SEE SHEET 29 FOR -L- PROFILE
SEE SHEET 39 FOR -Y7- PROFILE
SEE SHEET 41 FOR -DRI- PROFILE

$FILE$

$DATE$