BPR DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
5 N	S 0569(4)	6	36

STA. 87+60 FE. LT.
REMOVE 1-15"X 16' C.G.S.M. CULV. PIPE
1-18"X 28' PIPE CULV. REQD.

STA. 101+20 LT.
CONSTRUCT NEW PE.
NO CULVERT REQD.

STA 107 + 05 T.R. LT.
1-24"X 28' C.G.S.M. CULV. PIPE IN PLACE
TO REMAIN

CULT.

TN. RD.

LATH+85.3
40' RT.

LATH+26

80 85 90 95 100 105 110

S 88° 23' E (MAG)

S 87° 10' E (MAG)

P.I. 80+85.3
Δ = 0° 53' LT.

OLD FOUNDATION

CULT.

STA. 87 + 40 P.E. RT
REMOVE 1-15"X 12' C.G.S.M. CULV. PIPE
1-18"X 28' PIPE CULV. REQD.

LOW LAND

+04.8
P.M. 46.66

STA. 98+20 P.E.
REMOVE 1-15"X 16' C.G.S.M. CULV. PIPE
1-24"X 26' PIPE CULV.

STA. 105 + 16 P.E. RT.
REMOVE 1-15"X 16' C.G.S.M. CULV. PIPE
1-18"X 28' PIPE CULV. REQD.

P.I. 107+04.8
Δ = 1° 13' RT.

CULT.
SEE NEXT SHEET NOTE

STA. 109+45
CLEAN OFFTAKE DITCH
20 CY. WASTE

STA. 100 + 00 RT.
CONSTRUCT OFFTAKE DITCH
20 C.Y. WASTE

BENCH MARKS

NO	STATION	DESCRIPTION		EL.
10	91+15	SPIKE IN POWER POLE	38' RT.	04.69
11	96+75	8" SPRUCE	50' RT.	75.12
12	108+90	WILLOW CLUMP	45' RT.	34.92

130 NET CENTERLINE LENGTH STA. 80+00 TO STA. 110+00 = 3000 LIN. FT.

83+00
29.00

87+00
18.00

92+00
00.60

98.00
66.00

102+00
58.50

111+00
30.83

C = 6089
F = 4621
SHG. = 30%

-2.75%

-3.48%

-5.77%

-1.37%

-3.07%

NO DITCH CHECKS NEEDED
ON THIS HILL

FINISHED GRADE

STA. 100+00
1-36"X 48" PIPE CULV REQD.
SKEW R.H.F. 30°
STA. 100 + 57
REMOVE 1-24"X 28' C.G.S.M. CULV. PIPE

STA. 109 + 45
REMOVE 2-36"X 28' C.G.S.M. PIPE CULV.
2-60"X 66' PIPE CULV. REQD.

120 110 100 90 80 70 60 50 40 30

29.2 29.1 28.8 27.7 25.9 23.5 20.3 17.8 14.5 11.0 07.6 04.1 00.2 94.9 89.1 83.3 79.4 76.5 72.3 68.0 64.6 62.2 60.3 58.2 56.7 55.3 53.8 52.8 49.3 46.2 44.3 43.6 42.0 41.3 41.6 42.8 44.8

28.4 30.1 28.4 26.8 24.6 22.3 18.6 16.5 13.1 09.5 06.3 02.7 98.3 94.1 89.5 83.3 79.5 75.9 69.4 65.2 61.3 58.6 58.6 58.5 59.1 59.8 59.2 56.9 53.4 49.5 47.0 43.6 41.5 40.2 36.0 34.5 35.4 37.3 38.8

80 +85 1 2 3 4 85 6 7 8 9 90 1 2 3 4 95 +50 6 7 8 9 100 +57 1 +50 2 +50 3 +50 4 105 6 +70 7 8 9 110 1 2

+60