PROJECT REFERENCE NO.	SHEET NO.
R-4733	EC-7/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SITE 1

Utilize Temporary Berms and Slope Drains to Divert Water Around the Construction of the Retaining Wall. See Sheet EC-3.

NAD 83 NC GRID 3200

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BLUE RIDGE PARKWAY

Place Matting for Erosion Control on Slope as Work Allows.

65 x 20 x 3

50 x 18 x 3

BEGIN PROJECT R-4733
-L- POS STA. 35 + 00.00
(SITE 1)

END CONSTRUCTION
-L- POS STA. 43 + 00.00
(SITE 1)

BLUE RIDGE PARKWAY
200 BST

ECM
EXISTING R/W
WOODS
CB
NOT ACCESSIBLE
15" CMP
18" CMP
30" CMP
CONC
MTL
-L-
-L- +50 290'
-L- +40 EX R/W
-L- +80 EX R/W
35+00
40+00
45+00
NOTE: REMOVE CB AND PORTIONS OF EXIST. PIPES
NOTE: SEE TYPICAL SECTION NO. 1 FOR PROPOSED DITCH DETAIL
SLIDE AREA
NOTE: PROPOSED DITCH FLOW LINES
+50 BEGIN RETAINING WALL OFFSET 95.00'
+50 END RETAINING WALL OFFSET 87.75'
-L- STA. 35+95 BEGIN SINGLE FACE CONC. BARRIER
+00 WALL OFFSET 64.00'
-L- STA. 40+05 END SINGLE FACE CONC. BARRIER
+00 WALL OFFSET 64.00'
TYPE R-77
REMOVE
GRAU 350
PROPOSED GUARDRAIL
CONC. BARRIER WALL
15" CSP
15" CSP W/ELBOWS
2GI
2GI TYPE 'A'
DI-10
DIRECTIONAL 15" CMP
N 45° 58' 06.0" E
N 15° 54' 05.8" E
WEST US 74 / SOUTH US 23
EAST US 74 / NORTH US 23
SOUTHERN RAILROAD
360.0' BST
BM #1
-BL- STA 5+90.74 13.76 RT
-L- STA 33+96.84 46.86 RT
ELEV.3342.40
BM #2
-BL- STA 15+87.46 22.63 RT
-L- STA. 43+80.36 41.44 RT
ELEV.3324.00
-L- TS Sta. 32+60.32
-BL- 1 5+00.00 POT
-L- STA. 33+06.78
OFFSET 36.77'
-L- SC Sta. 35+10.32
-BL- 2 8+33.84 PINC
-L- STA. 36+32.53
OFFSET 46.59'
-L- CS Sta. 38+93.31
-BL- 3 11+43.24 PINC
-L- STA. 39+32.47
OFFSET 34.90'
-L- ST Sta. 41+43.31
-L- TS Sta. 41+44.13
-L- SC Sta. 43+94.13
-BL- 4 14+91.62 POT
-L- STA. 42+79.47
OFFSET 35.99'

-L- CURVE DATA

PIs Sta 34+27.08	PI Sta 37+03.44	PIs Sta 39+76.73
θs = 5° 56' 14.9"	Δ = 18° 11' 30.3" (LT)	θs = 5° 56' 14.9"
Ls = 250.00'	D = 4° 45' 00.0"	Ls = 250.00'
LT = 166.76'	L = 382.99	LT = 166.76'
ST = 83.42'	T = 193.12'	ST = 83.42'
	R = 1,206.23'	

PIs Sta 43+10.91	PI Sta 45+66.33
θs = 6° 14' 59.9"	Δ = 17° 05' 30.4" (RT)
Ls = 250.00'	D = 4° 59' 59.9"
LT = 166.77'	L = 341.84
ST = 83.43'	T = 172.20'
	R = 1,145.92'

NOTES: (1) SEE SHEET 6 FOR WALL PROFILE
(2) EXTREME CARE SHOULD BE TAKEN TO NOT EXCEED LIMITS ON PARKWAY LAND