8/17/99

PROJECT REFERENCE NO.	SHEET NO.
B-5895	EC-7/CONST.5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PLANS PREPARED BY:

WSP USA
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040
FAX: 1.919.836.4099
LICENSE NO. F-0165

NAD 83/NA 2011

MATCHLINE -L- STA 23+50.00
SEE SHEET 4

-L-

PI Sta 24+65.91	PI Sta 29+55.31
Δ = 11° 58' 36.2" (RT)	Δ = 31° 32' 19.1" (LT)
D = 4° 46' 28.7"	D = 10° 00' 00.0"
L = 250.84'	L = 315.39'
T = 125.88'	T = 161.80'
R = 1,200.00'	R = 572.96'
DS = 40 MPH	DS = 40 MPH
SE = .032	SE = .06
LR = 67.2'	LR = 126'

-Y- POT Sta 12+37.71
N 29° 16' 00.0" W

END CONSTRUCTION
-Y- STA 11+80.00

-Y- POT Sta 10+00.00
-L- STA 25+52.38

END TIP PROJECT B-5895
-L- STA 28+75.00
S 79° 50' 52.45" E

PT Sta 31+08.90

PC Sta 27+93.51

PT Sta 25+90.87

MICHAEL S. PERKINS
DB 667 PG 525

DONALD W. GAHAGEN SR. ET. AL.
DB 457 PG 132

NANTAHALA OUTDOOR CENTER, INC.
DB 143 PG 436
DB 143 PG 438
DB 234 PG 524

HOWARD TED MOORE
DB 80 PG 24

KENNETH J. RAMSAY, II
DB 583 PG 278

GAHAGAN MOUNTAIN ROAD

SILVER MINE ROAD

US 25/70 BRIDGE ST.

BM-2 ELEV. 1363.17'
-BL STA.- 19+86.00 56' LT
BENCHTIE IN 13" ASH

MOMENT SLAB RETAINING WALL

TYPE III F

GREU TL-2

RETAIN

REMOVE & REPLACE CONC. PAVED DITCH (5 SY)

REMOVE & REPLACE CONC. PAVED DITCH (6 SY)

80' TAPER

160' TAPER

25' TAPER

APPALACHIAN TRAIL MARKER

MAG NAIL IN ROCK USFS

SIDEWALK
PAVED SHOULDER
PAVEMENT REMOVAL

NOTES:
ALL RADIUS ARE 10' UNLESS OTHERWISE NOTED.
STAIRS FOR THE APP. TRAIL TO BE BUILT BY CONTRACTORS.

-L-

PI = 24+80.00
EL = 1,352.19'
VC = 210'
K = 67

PI = 28+00.00
EL = 1,370.18'
VC = 120'
K = 319

END GRADE
-L- STA 28+75.00
ELEV 1374.11'

(+)12.4710%
(+)5.6200%
(+)5.6200%
(+)5.2444%
PROPOSED GRADE
EXISTING GROUND

-Y-

BEGIN GRADE
-Y- STA 10+17.10
ELEV 1356.11'

END GRADE
-Y- STA 11+80.00
ELEV 1347.43'

PROPOSED GRADE
(+)3.2000%
(+)10.5000%
(-)6.1969%
(-)5.6588%
EXISTING GROUND

PI = 10+35.00
EL = 1,356.20'
VC = 30'
K = 5
DS = <15 MPH

PI = 11+40.00
EL = 1,349.70'
VC = 80'
K = 149

BENCHMARK #2
ELEV: 1363.17' FT
-L STA.- 25+71.40, OFFSET 72.01' LT
N: 801,926.6008 E: 868,509.4037

1,390 1,380 1,370 1,360 1,350 1,340 1,330 1,320 1,310

23 24 25 26 27 28 29 30 31 32 10 11 12

SYSTEM FILE: $$$$