F.A. PROJECT NO. BRZ-1352 (5)

15+50 15+60 15+70 15+80 15+90 16+00 16+10 16+20 16+30 16+40 16+50 16+60 16+70 16+80 16+90 17+00

880 875 870 865 860 855 850

SPAN A SPAN B SPAN C

FILL FACE @ END BENT #1 STA.15+73.47-L- GRADE POINT EL. 874.200

BEGIN FRONT SLOPE STA. 15+68.26 -L- GRADE POINT EL. 874.231

EL. 873.0±

APPROX. NATURAL GROUND

1'-7" MIN. BERM NORMAL TO CAP

FIX

EL. 872.0±

EL. 868.0±

1½:1 SLOPE NORMAL TO CAP (TYP.)

1'-6"

EXP. FIX

TOP OF DRILLED PIER EL. 864.000

EL. 865.0±

3'-6"Ø DRILLED PIER

EL. 862.0±

EXISTING STRUCTURE TO BE REMOVED (TYP.)

HIGH WATER EL. 861.0± 2003

WATER SURFACE EL. 860.0± 10-16-03

EL. 860.0±

EL. 859.0±

EXP. EXP.

TOP OF DRILLED PIER EL.864.000

EL. 864.0±

EL. 860.0±

3'-6"Ø DRILLED PIER

CLASS II RIP RAP (TYP.)

1'-7" MIN. BERM NORMAL TO CAP

FIX

EL. 872.0±

EL. 868.0±

FILL FACE @ END BENT #2 STA.16+73.47 -L- GRADE POINT EL. 873.600

BEGIN FRONT SLOPE STA. 16+78.53 -L- GRADE POINT EL. 873.570

EL.872.0±

1'-6"

1'-0" EARTH. BERM (TYP.)

HP 12 X 53 STEEL PILES (TYP.)

GRADE DATA

(-)3.6061% (-)0.6000%

PI = 14+78.45 -L-

EL = 874.770

VC = 148

UNCLASSIFIED STRUCTURE EXCAVATION

END BENT #1 BENT #1 BENT #2 END BENT #2

SECTION ALONG ℄ SURVEY

(BENTS ON SECTION AT RIGHT ANGLES TO BENTS.)

N

1'-0" EARTH BERM EL. 868.723 (TYP.)

FILL FACE @ END BENT #1

STA. 15+73.47-L- WORK POINT #1

STA. 15+68.26 -L- BEGIN FRONT SLOPE

TO SR 1001

STA. 15+49.62 -L- BEGIN APPROACH SLAB

℄ BENT #1

STA. 15+98.47-L- WORK POINT #2

WEST BRANCH MOUNTAIN CREEK

STA. 16+23.47-L- ℄ BRIDGE

120°-00'-00" (TYP.)

STA. 16+48.47-L- WORK POINT #3

℄ BENT #2

CLASS II RIP RAP (TYP.)

STA. 16+97.32 -L- END APPROACH SLAB

℄ -L-

TO SR 1351

STA. 16+78.53 -L- BEGIN FRONT SLOPE

STA. 16+73.47 -L- WORK POINT #4

FILL FACE @ END BENT #2

1'-0" EARTH BERM EL. 868.150 (TYP.)

25'-0" 25'-0" 25'-0" 25'-0"

50'-0"

100'-0" (FILL FACE TO FILL FACE)

PLAN

(PILES NOT SHOWN FOR CLAIRTY)

PROJECT NO. B-4260

RUTHERFORD COUNTY

STATION: 16+23.47-L-

SHEET 1 OF 3 REPALCES BRIDGE NO. 350

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING FOR BRIDGE OVER WEST BRANCH MOUNTAIN CREEK ON SR 1352 BETWEEN SR 1001 AND SR 1351

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			22

DRAWN BY : A. SORSENGINH DATE : 9-20-04

CHECKED BY : D.A. DAVENPORT DATE : 1/05

NORTH CAROLINA PROFESSIONAL SEAL 022506 ENGINEER JESSE WARTHUR BAILEY 3/4/05

NORTH CAROLINA PROFESSIONAL SEAL 10730 ENGINEER D. ANDREW DAVENPORT, JR. 3/4/05