F.A. PROJECT BRSTP-264(26)

22+00 22+50 23+00 23+50

10 5 0 -5 -10

FILL FACE @ END BENT No. 1
STA. 21+83.94-L-
G.P. EL. 4.728
FIX
UNCLASSIFIED STRUCTURE EXCAVATION
+0.4286% △ -0.6756%
P.I. STA. 22+25.00 -L-
EL. 5.000
V.C. 200'
-0.6756% △ +0.1600%
P.I. STA. = 24+50.00 -L-
EL. = 3.48
V.C. = 150'
FILL FACE @ END BENT No. 2
STA. 23+86.06 -EXT. TAN.-
G.P. ELEV. 3.915
BEGIN FRONT SLOPE
STA. 21+79.90 -L-
G.P. EL. 4.723
SPAN "A"
SPAN "B"
SPAN "C"
SPAN "D"
FIX
EL. 4.0±
EL. 5.0±
MEAN LOW LOW WATER EL. 0.4 (TIDAL)
MEAN HIGH HIGH WATER EL. 1.2 (TIDAL)
1'-6" TYP.
CLASS B RIP RAP (TYP.)
1½:1 SLOPE (TYP.)
GRADE TO EL. 1.0 ±
EL. 0.0±
EL. -5.0±
EL. -6.0±
EL. -4.0±
EL. -2.0±
EXISTING SUBSTRUCTURE (TO BE REMOVED IN STAGES) (TYP.)
GRADE TO EL. 1.0 ± (TYP.)
1'-7" MIN. BERM (TYP.)
2'-0" TYP.
EL. 3.0±
16" PRESTRESSED CONCRETE PILES (TYP. AT END BENTS & BENTS)
BEGIN FRONT SLOPE
STA. 23+90.72 EXT. TAN.
G.P. EL. 3.887

END BENT No. 1 BENT No. 1 BENT No. 2 BENT No. 3 END BENT No. 2

SECTION ALONG ℄ SURVEY -L-

EL. -0.803
EARTH BERM (LEVEL)
1'-0" MIN. EARTH BERM
1'-7" MIN. BERM
EXISTING SUBSTRUCTURE (TO BE REMOVED IN STAGES) (TYP.)
CANAL
PI Sta 25+49.89 -L-
△ = 2° 24' 18.6" (LT)
D = 0° 34' 22.6"
L = 419.78'
T = 209.92'
R = 10,000.00'
SE = NC

HORIZONTAL CURVE DATA

EL. -1.618
EARTH BERM (LEVEL)
W.P. #5
FILL FACE @ END BENT No. 2
STA. 23+86.06 -EXT. TAN.-
END APPROACH SLAB
STA. 24+10.06 -EXT. TAN.-
℄ EXTENDED TANGENT (SEE DETAIL, SHEET 4 OF 4)
W.P. #1
FILL FACE @ END BENT No. 1
STA. 21+83.94 -L-
BEGIN APPROACH SLAB
STA. 21+59.94 -L-
TO SR 1315
STA. 21+79.90 -L-
BEGIN FRONT SLOPE
TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC (SEE NOTES)
W.P. #2
BENT No. 1
CONTROL LINE
STA. 22+35.00 -L-
W.P. #3
BENT No. 2
CONTROL LINE
STA. 22+85.00 -L-
℄ SURVEY -L-
90°-00'-00" (TYP.)
W.P. #4
BENT No. 3
CONTROL LINE
STA. 23+35.00 -L-
PC STA. 23+39.96 -L-
TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC (SEE NOTES)
TO SR 1355
BEGIN FRONT SLOPE
STA. 23+90.72 -EXT. TAN.-
CLASS B RIP RAP
51'-0¾" 50'-0" 50'-0" 51'-0¾"
TOTAL LENGTH OF BRIDGE 202'-1½" (FILL FACE @ END BENT No. 1 TO FILL FACE @ END BENT No. 2)
KITTY CREEK TIDAL INFLUENCE

PLAN

(FOR CLARITY, PILES ARE NOT SHOWN IN PLAN VIEW.)

NORTH CAROLINA PROFESSIONAL SEAL 11268 ENGINEER BETSY S. COX
3/1/06

NORTH CAROLINA PROFESSIONAL SEAL 10757 ENGINEER ROBERT C. OUTLAW, JR.
3/1/06

PROJECT NO. B-3348
HYDE COUNTY
STATION: 22+85.00 -L-
SHEET 1 OF 4 REPLACES BRIDGE No. 54

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON US 264
OVER KITTY CREEK
BETWEEN SR 1315
AND SR 1355

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-32
1			3			TOTAL SHEETS
2			4			76

DRAWN BY : S.B. WILLIAMS DATE : 3-01-04
CHECKED BY : P.C. BREWER DATE : 5-19-04

28-FEB-2006 09:47
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STR. #2