

GRADE DATA

-7.444% +2.4518%
 PI = 13+31.00 -L-
 EL = 402.03
 VC = 110'

BEGIN FRONT SLOPE
 STA. 13+89.19 -L-
 GRADE PT. EL. 403.46

FILL FACE @ END BENT 1
 STA. 13+98.38 -L-
 GRADE PT. EL. 403.68

FIX.

1'-7" MIN. BERM
 (TYP.)

LOW CHORD
 EL. 399.91

UNCLASSIFIED
 STRUCTURE
 EXCAVATION
 (TYP.)

SPAN A

0100
 EL. 397.42

W.S. EL. 387.5±
 (10/29/15)

EXISTING
 STRUCTURE
 (TYP.)

EL. 403.0±

EXCAVATE TO
 EL. 393.2
 (GRADE TO DRAIN)

1/2:1 SLOPE
 (TYP.)

FIX.

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

LOW CHORD
 EL. 402.41

FILL FACE @ END BENT 2
 STA. 15+02.63 -L-
 GRADE PT. EL. 406.28

BEGIN FRONT SLOPE
 STA. 15+12.90 -L-
 GRADE PT. EL. 406.68

EL. 406.0±

APPROXIMATE
 NATURAL GROUND
 LINE

GRADE DATA

+2.4518% +9.1250%
 PI = 15+28.00 -L-
 EL = 406.86
 VC = 70'

END BENT 1

END BENT 2

SECTION ALONG -L-

RIP RAP
 CLASS II
 (TYP.)

1'-0" MIN.
 EARTH BERM
 EL. 394.83
 (LEVEL)

FILL FACE
 @ END BENT 1

BEGIN FRONT SLOPE
 STA. 13+89.19 -L-

BEGIN APP. SLAB
 STA. 13+87.50 -L-

W.P. #1
 STA. 13+98.38 -L-

90°-00'-00"
 (TYP.)

BRIDGE IDENTITY
 STA. 14+50.50 -L-

-L-

EXISTING
 STRUCTURE
 (TYP.)

1'-0" MIN.
 EARTH BERM
 EL. 397.33
 (LEVEL)

FILL FACE
 @ END BENT 2

BEGIN FRONT SLOPE
 STA. 15+12.90 -L-

END APP. SLAB
 STA. 15+13.50 -L-

W.P. #2
 STA. 15+02.63 -L-

TO SR 1942

52'-1/2"

52'-1/2"

104'-3" (TOTAL LENGTH OF BRIDGE) (FILL FACE TO FILL FACE)

PLAN

(PILES NOT SHOWN FOR CLARITY)

I HEREBY CERTIFY THESE PLANS
 ARE THE AS-BUILT PLANS

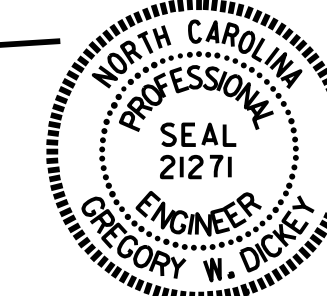
PROJECT NO. B-5348

ORANGE COUNTY

STATION: 14+50.50 -L-

SHEET 1 OF 3 REPLACES BRIDGE NO. 85

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR BRIDGE OVER
 PHIL'S CREEK ON
 SR 1005 BETWEEN
 SR 1951 AND SR 1942



DocuSigned by:
 Greg Dickey
 884E4BCE56486
 5/23/2017

DocuSigned by:
 Kelsey W. Alford
 F24583809F40E
 5/23/2017

DRAWN BY : H.B. DESAI DATE : 3/9/16
 CHECKED BY : H.P. KIM DATE : 10/7/16

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1	
1			3			TOTAL SHEETS	19
2			4				