F. A. PROJECT No.: NHP-0918(062)

472+00 472+50 473+00 473+50 474+00 474+50 475+00

890 880 870 860 850 840

FILL FACE @ END BENT 1
STA. 472+36.29 -L-
GRADE PT. EL. 885.53

BEGIN FRONT SLOPE
STA. 472+24.43 -L-
GRADE PT. EL. 885.69

SPAN A SPAN B SPAN C

FIX. FIX. FIX. FIX. FIX.

1'-7" MIN. BERM NORMAL TO CAP (TYP.)

LOW CHORD EL. 879.14

2'-0" (TYP.)

HP 12 X 53 STEEL PILES (TYP.)

RIP RAP CLASS II (TYP.)

FILL

EL. 870.0±

EL. 862.0±

EL. 860.0±

EL. 859.0±

TOP OF DRILLED PIERS EL. 858.00 (TYP.)

EL. 859.0±

Q100 EL. 862.1

N.W.S. EL. 852.40 (11/23/16)

EL. 853.0±

EL. 852.0±

EL. 851.0±

EL. 859.0±

3'-0" Ø COLUMN (TYP.)

3'-6" Ø DRILLED PIER (TYP.)

EL. 859.0±

APPROXIMATE NATURAL GROUND LINE

FILL FACE @ END BENT 2
STA. 474+91.29 -L-
GRADE PT. EL. 882.88

BEGIN FRONT SLOPE
STA. 475+02.70 -L-
GRADE PT. EL. 882.81

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

LOW CHORD EL. 876.43

1'-0" (TYP.)

1½:1 SLOPE NORMAL TO CAP (TYP.)

FILL

EL. 858.0±

INTEGRAL END BENT 1

BENT 1

BENT 2

INTEGRAL END BENT 2

GRADE DATA

(-)1.5597% (+)1.3500%

PI STA. = 477+00.00 -L-
EL = 878.24
L = 1,050'

SECTION ALONG LEFT LANE CONTROL LINE

SECTIONS AT END BENTS AND BENTS ARE TAKEN AT RIGHT ANGLES

1'-0" MIN. EARTH BERM EL. 873.85

FILL FACE @ END BENT 1

RIP RAP CLASS II

1½:1 SLOPE NORMAL TO CAP

BENT 1 CONTROL LINE

LOWERY MILL CREEK

20' SANITARY SEWER EASEMENT

BENT 2 CONTROL LINE

RIP RAP CLASS II

1'-0" MIN. EARTH BERM EL. 871.11

FILL FACE @ END BENT 2

1½:1 SLOPE NORMAL TO CAP

TO SR 2349

W.P. #1
STA. 472+36.29 -L-

BEGIN FRONT SLOPE
STA. 472+24.43 -L-

W.P. #2
STA. 473+01.29 -L-

W.P. #3
STA. 473+96.29 -L-

W.P. #4
STA. 474+91.29 -L-

END APPROACH SLAB
STA. 475+15.43 -L-

BEGIN FRONT SLOPE
STA. 475+02.70 -L-

23'-0"

75°-00'-00" (TYP.)

LEFT LANE CONTROL LINE

BEGIN APPROACH SLAB
STA. 472+12.15 -L-

BRIDGE ID
STA. 473+70.00 -L-

-L-

1'-0" MIN. EARTH BERM EL. 875.08

26'-3½"

1'-0" MIN. EARTH BERM EL. 872.50

TO US 158

65'-0" 95'-0" 95'-0"

255'-0" TOTAL LENGTH OF BRIDGE
(FILL FACE TO FILL FACE)

PLAN

PILES, COLUMNS, AND DRILLED PIERS ARE NOT SHOWN FOR CLARITY.

NORTH CAROLINA PROFESSIONAL SEAL 22005 ENGINEER A. KEITH PASCHAL

DocuSigned by: A. Keith Paschal F8B6AD6DB2FC48F...

7/27/2017

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL G. CHEEK, JR.

DocuSigned by: Marshall G. Cheek Jr 6549D6EBAA3B405...

7/27/2017

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

PROJECT NO. U-2579C

FORSYTH COUNTY

STATION: 473+70.00 -L-

SHEET 1 OF 3 BRIDGE NO. 702

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER
LOWERY MILL CREEK
ON WINSTON-SALEM BELTWAY
BETWEEN SR 2381 AND US 158
(LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-1
1			3			TOTAL SHEETS
2			4			33

STR. #3

DRAWN BY : M.K. BEARD DATE : 9/19/16
CHECKED BY : H. T. BARBOUR DATE : 3/8/17
DESIGN ENGINEER OF RECORD : H.A. LOCKLEAR DATE : 6/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

26-JUL-2017 15:07
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mcheek