DocuSign Envelope ID: 21A62DD0-A7E7-41AD-A019-9E90061324F0

13+00 14+00 15+00 16+00

(+)7.0000% (-)6.5000%

P.I. STA. = 15+28.03
EL. = 672.15'
V.C. = 300'

680 670 660 650 640 630 620

FILL FACE @ END BENT 1
STA. 13+51.16 -Y1-
G.P. EL. 659.77'

FILL

FIX.

VERTICAL ABUTMENT
WALL ON SPREAD FOOTING
(TYP. EA. END BENT)

16'-9" MIN. VERTICAL CLEARANCE

EL. 634'±

TOP OF
FOOTING EL. 632.00'

END BENT 1

SPAN A

EL. 634'±

EL. 639'±

17'-10" MIN.
VERTICAL
CLEARANCE

EXP.

FILL FACE @ END BENT 2
STA. 15+64.50 -Y1- (2.94' RT.)
G.P. EL. 666.88'

FILL

FINISHED GRADE

EL. 641'±

APPROXIMATE LINE
EXISTING GROUND

TOP OF
FOOTING EL. 637.00'

END BENT 2

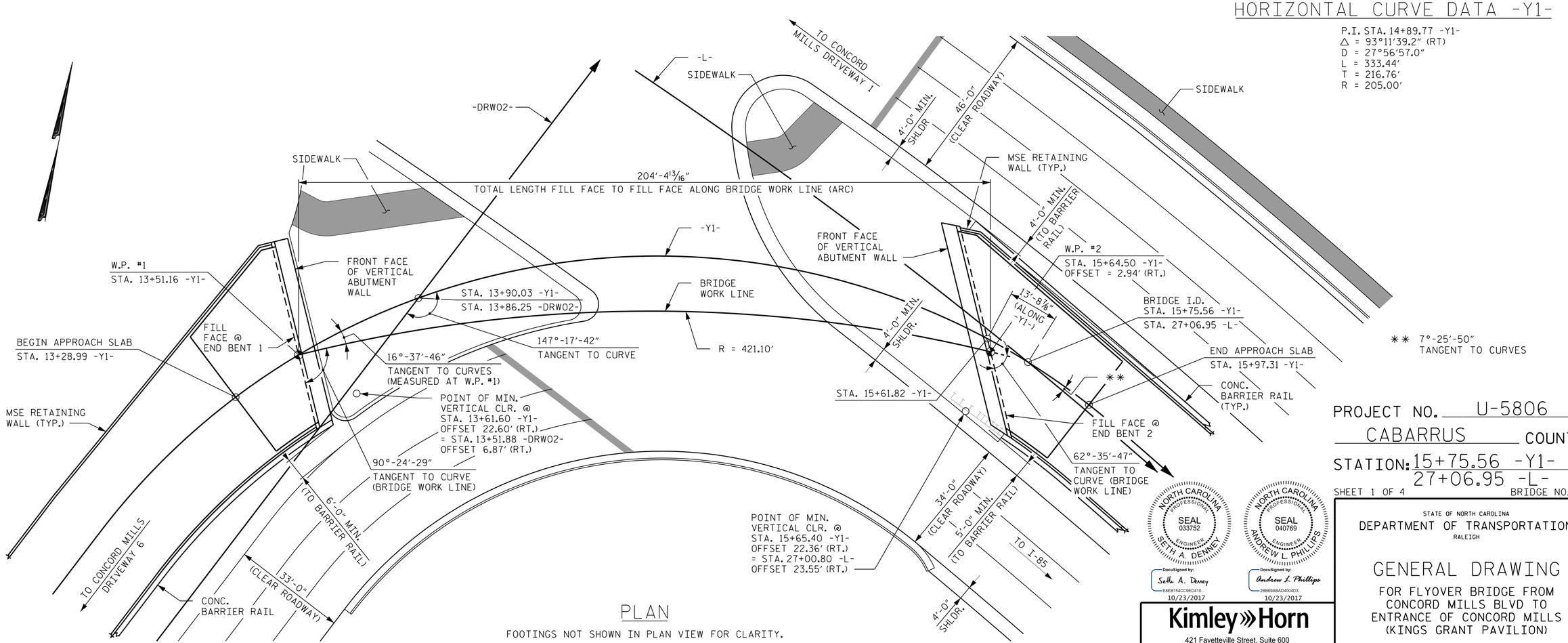
-Y1- GRADE DATA

SECTION ALONG -Y1-

SECTION AT END BENTS ARE AT RIGHT ANGLES

HORIZONTAL CURVE DATA -Y1-

P.I. STA. 14+89.77 -Y1-
△ = 93°11'39.2" (RT)
D = 27°56'57.0"
L = 333.44'
T = 216.76'
R = 205.00'



PLAN

FOOTINGS NOT SHOWN IN PLAN VIEW FOR CLARITY.

BRIDGE WORK LINE IS CONCENTRIC TO GIRDERS AND EDGE OF DECK (EXCEPT AT ENDS OF BRIDGE).

DRAWN BY: D. D. LOWERY	DATE: 10/17	
CHECKED BY: A. L. PHILLIPS	DATE: 10/17	
DESIGN ENGINEER OF RECORD: S. A. DENNEY	DATE: 10/17	

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NORTH CAROLINA PROFESSIONAL SEAL 033752 ENGINEER SETH A. DENNEY
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10/23/2017

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PROJECT NO. U-5806
CABARRUS COUNTY
STATION: 15+75.56 -Y1-
27+06.95 -L-
SHEET 1 OF 4 BRIDGE NO. 406

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR FLYOVER BRIDGE FROM CONCORD MILLS BLVD TO ENTRANCE OF CONCORD MILLS (KINGS GRANT PAVILION)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			50

10/23/2017 K:\RDT_Structures_Bridge\NC\Q11036388 - U-5806 Final Design\Cadd\Dgn\V01\U-5806_GD01.dgn