381-#5 A1 @ 5½" CTS. (TOP OF SLAB)
383-#5 A2 @ 5½" CTS. (BOTTOM OF SLAB)

#5 A101 THRU A105 @ 5½" CTS. (TOP OF SLAB)
#5 A201 THRU A205 @ 5½" CTS. (BOTTOM OF SLAB)

30'-6" (TYP.) | 29'-0" (TYP.)

BENT 1 CONTROL LINE

2'-0" SPLICE (TYP.)

FOR DETAILS, SEE "CONCRETE PARAPET & END POST DETAILS" SHEET.

5½"

1'-1⅛" TO #5 A1 (TOP OF SLAB)
7⅝" TO #5 A2 (BOT. OF SLAB)

1'-3½" | 1'-2¾" PARAPET | ¾"

4½" | 4½"

5-#5 B4 @ 6½" CTS. (4 BAR RUN) (BOTTOM OF SLAB)

GUTTERLINE

℄ GDR. 1

10"

#5 K1 (TYP. OVER GDR. 1)

1'-4"

#5 K2 (TYP. OVER GDRS. 2 & 3)

7-#4 S1 @ 1'-0" CTS. (TYP. EACH BAY)

℄ GDR. 2

10"

80-#5 B2 @ 4½" CTS. (TOP OF SLAB)

20-#4 B3 @ 1'-6" CTS. (3 BAR RUN) (TOP OF SLAB)

13-#5 B4 @ 7" CTS. (4 BAR RUN) (BOTTOM OF SLAB)

1'-4"

#5 A1 OR #5 A2

#5 G1

30'-4⅝"

30'-3½" (STAGE I)

30'-4⅝"

℄ GDR. 3

10"

℄ JT.

TRANSVERSE CONST. JT.

FILL FACE @ END BENT 2

CONST. JT.

℄ GDR. 4

1'-1½"

#4 B3 (3 BAR RUN) (TOP OF SLAB)

#5 K3 (TYP. OVER GDR. 4)

90'-7" (OUT TO OUT)

3½" | 3½"

9'-6"

9'-6⅜"

●386-#5 D1 @ 5½" CTS. (TOP OF SLAB)
●388-#5 D2 @ 5½" CTS. (BOTTOM OF SLAB)

●1'-1⅛" TO #5 D1 (TOP OF SLAB)
●7⅝" TO #5 D2 (BOTTOM OF SLAB)

9'-5⅜"

60'-3½" (STAGE II)

SEE DETAIL "B"

W. P. #2

94°-30'-27" (TYP.)

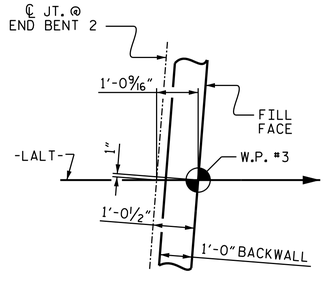
-LALT-

W. P. #3

86'-9" (SPAN A)

93'-6" (SPAN B)

180'-3" (TOTAL LENGTH OF BRIDGE FROM FILL FACE TO FILL FACE)



DETAIL "B"

● DOWELS SHALL BE PLACED IN THE SAME HORIZONTAL PLANE AS THE TOP AND BOTTOM SLAB REINFORCING STEEL.

PLAN OF SPAN B

FOR PLACEMENT OF TRANSVERSE JOINTS, SEE "SUPERSTRUCTURE BILL OF MATERIAL" SHEET.
STAGE III SIDEWALK NOT SHOWN, SEE "SIDEWALK DETAILS" SHEET.

PROJECT NO. U-3308
DURHAM COUNTY
STATION: 16+42.70-LALT-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

PLAN OF SPAN

STAGE I

NORTH CAROLINA PROFESSIONAL SEAL 031480 ENGINEER DONALD R. SMITH, JR

DocuSigned by: Donald R. Smith, Jr
EDC87706174B490...
4/1/2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S1-11
TOTAL SHEETS 47

STR. #1

DRAWN BY : P.S. ADKINS DATE : 6/10/14
CHECKED BY : J.D. HAWK DATE : 9/5/14
DESIGN ENGINEER OF RECORD: D.R. SMITH DATE : 11/22/14

22-MAR-2016 10:35
R:\Structures\Plans\str1\U3308_sd_S*_01.dgn
jdhawk