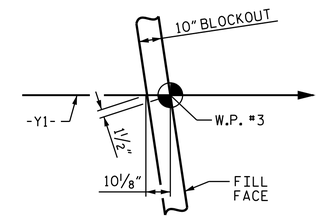
233'-9" (FILL FACE TO FILL FACE)
115'-6" (W.P. #2 TO W.P. #3)
39'-6"
17'-3"
2'-0" SPLICE
9"
4½" (TYP.)
142-#5 B4 @ 9" CTS. (TOP OF SLAB)
143-#5 B3 @ 9" CTS. (TOP OF SLAB) (3 BAR RUN)
72-#4 B6 @ 1'-6" CTS. (TOP OF SLAB) (2 BAR RUN)
285-#5 B1 @ 4½" CTS. (TOP OF SLAB)
358-#5 A1 @ 7½" (TOP OF SLAB)
358-#5 A2 @ 7½" (BOTTOM OF SLAB)
#5 A141 THRU A152 @ 7½" CTS. (TOP OF SLAB)
#5 A161 THRU A173 @ 7½" CTS. (BOTTOM OF SLAB)
7½"
7-#4 "K" BARS (TYP. EA. SIDE)
3-#4 S2 (TYP. EA. SIDE) (MATCH WITH "V" IN END BENT)
24'-0"
4½" (TYP.)
2'-0" SPLICE
9'-10⅝" TO FIRST #5 A1 OR #5 A2
7-#4 K1 (4 BAR RUN)
7-#4 "K" (TYP. EA. BAY)
GUTTERLINE
℄ GDR. B1
℄ GDR. B2
℄ GDR. B3
℄ GDR. B4
℄ GDR. B5
℄ GDR. B6
℄ GDR. B7
℄ GDR. B8
℄ GDR. B9
℄ GDR. B10
℄ GDR. B11
℄ GDR. B12
INTERMEDIATE STEEL DIAPHRAGM (TYP.)
8-#4 "U" BARS @ 1'-0" CTS. (TYP. EA. BAY)
#4 S1 @ 1'-0" CTS. (46 REQ'D.) (TYP. EA. BAY)
TRANSVERSE CONST. JT.
#5 A1 OR #5 A2
10" BLOCKOUT
FILL FACE
MONOLITHIC CONCRETE ISLAND (SEE "MONOLITHIC CONCRETE ISLAND" SHEET FOR DETAILS)
#5 A141 OR #5 A161
SEE DETAIL "B"
-Y1-
W.P. #2
81°-27'-41" (TYP.)
#5 A3 OR #5 A4
W.P. #3
3-#4 V1 @ FILL FACE BEHIND EACH GIRDER (MATCH WITH "V" BARS IN END BENT CAP)
#5 A221 OR #5 A241
6-#4 U3 (TYP. EA. BAY) (MATCH WITH "V" BARS IN END BENT)
6-#4 S3 (TYP. EA. BAY) (MATCH WITH "V" BARS IN END BENT)
6-#4 S4 (TYP. EA. BAY) (MATCH WITH "V" BARS IN END BENT)
#4 "K" (EA. FACE) (TYP. EA. BAY)
7-#4 K9 IN CENTER OF DIAPHRAGM (4 BAR RUN)
2'-2½" (TYP.)
6-#5 B2 @ 11" CTS. (BOTT. OF SLAB) (5 BAR RUN) (TYP. EA. BAY)
2'-4" CONTINUOUS BENT DIAPHRAGM
TRANSVERSE CONST. JT.
2-#4 S4 @ 1'-0" CTS. (TYP. EA. SIDE)
BENT 1 CONTROL LINE
3-#5 B2 @ 10" CTS. (BOTTOM OF SLAB) (5 BAR RUN) (TYP. EA. SIDE)
2-#4 S3 & U3 @ 1'-0" CTS. (TYP. EA. SIDE)
2'-0¼" TO FIRST #5 A3 OR #5 A4
359-#5 A3 @ 7½" (TOP OF SLAB)
359-#5 A4 @ 7½" (BOTTOM OF SLAB)
#5 A221 THRU A232 @ 7½" CTS. (TOP OF SLAB)
#5 A241 THRU A252 @ 7½" CTS. (BOTTOM OF SLAB)
59'-3⅜"
49'-2⅛"
59'-4⅞"
49'-0⅛"
1½"
1'-6"
1'-7½"
57'-0"
57'-8" (BLOCKOUT)
104'-0" (CLEAR ROADWAY)
107'-3" (OUT TO OUT)
47'-0"
47'-8" (BLOCKOUT)



DETAIL "B"

PLAN OF SPAN B

SEE PLAN OF SPAN DETAILS SHEETS FOR ADDITIONAL STEEL IN WINGS.

FOR INTERMEDIATE STEEL DIAPHRAGMS, SEE "INTERMEDIATE STEEL DIAPHRAGMS FOR 72" MODIFIED BULB TEE PRESTRESSED CONCRETE GIRDERS" SHEET.

FOR TRANSVERSE CONSTRUCTION JOINT DETAIL, SEE "POUR SEQUENCES" SHEET.

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 482+13.14 -L-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

PLAN OF SPAN

SPAN B

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

DocuSigned by: Donald R. Smith Jr. 43B435A14F38465... 7/30/2014

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-9
1			3			TOTAL SHEETS
2			4			707

STR. #1

DRAWN BY :	M.K. BEARD	DATE :	12/5/13
CHECKED BY :	P.S. ADKINS	DATE :	3/10/14
DESIGN ENGINEER OF RECORD:	H.T. DIEU	DATE :	6/9/14

29-JUL-2014 14:35
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