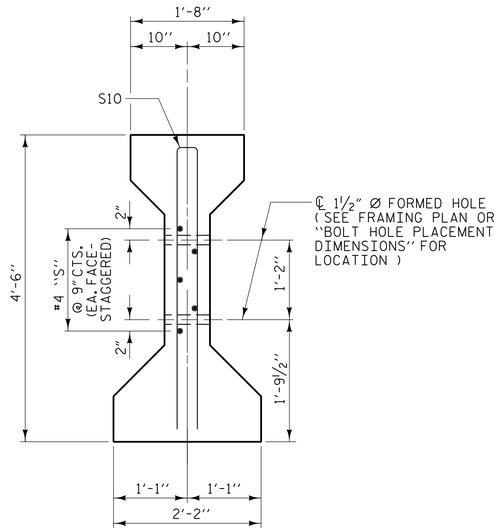
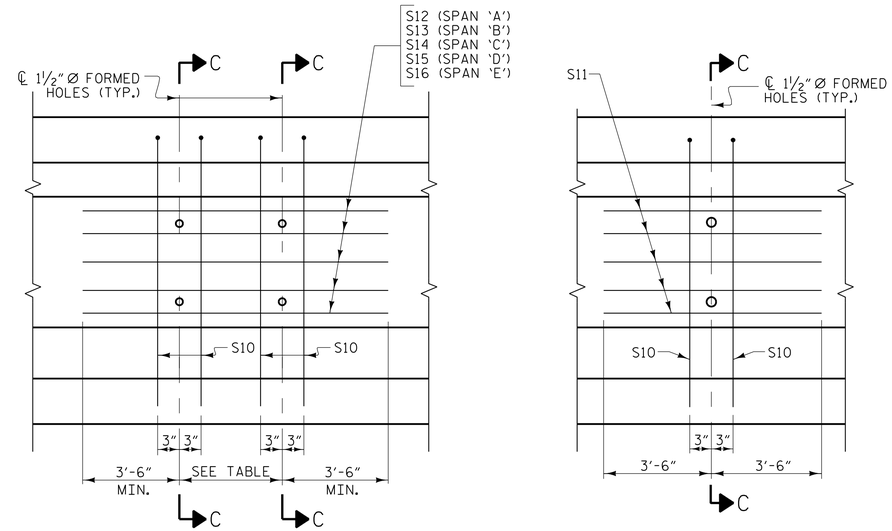


SECTION C-C

(S1 BARS NOT SHOWN)



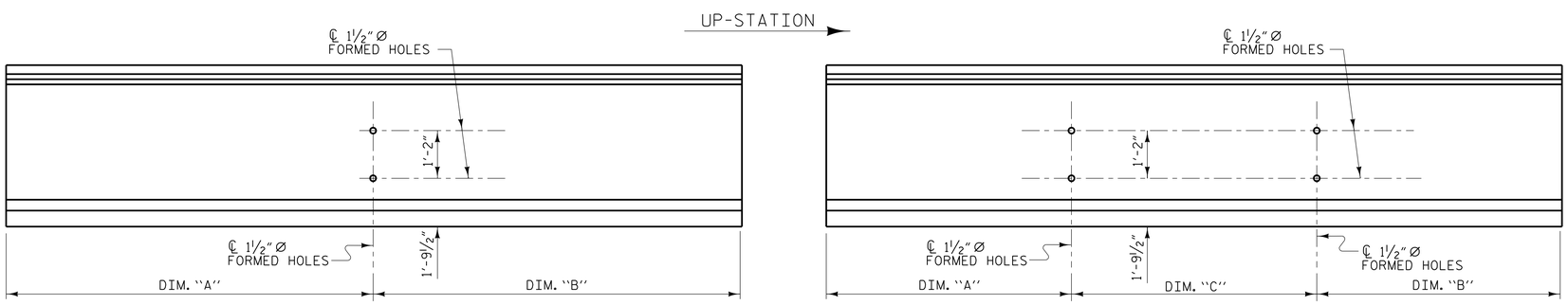
INTERIOR GIRDER

EXTERIOR GIRDER

PARTIAL ELEVATION

SHOWING INTERMEDIATE STEEL DIAPHRAGM REINFORCING STEEL FOR GIRDER

BOLT HOLE PLACEMENT DIMENSIONS															
GDR. NO.	SPAN A			SPAN B			SPAN C			SPAN D			SPAN E		
	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "A"	DIM. "B"	DIM. "C"
1	31'-0"	37'-10"	-	33'-4 11/16"	40'-6 11/16"	-	43'-1 7/8"	50'-8 3/4"	-	30'-5 3/16"	38'-4 13/16"	-	30'-3 1/8"	38"-6 7/8"	-
2	31'-0 7/16"	31'-0"	6'-9 9/16"	33'-5"	33'-4 11/16"	7'-1 11/16"	43'-2 1/4"	43'-1 7/8"	7'-6 1/2"	30'-5 9/16"	30'-5 1/4"	7'-11 3/16"	30'-3 1/2"	30'-3 1/4"	8'-3 1/4"
3	31'-0 5/8"	31'-0 3/8"	6'-9"	33'-5 3/8"	33'-5"	7'-1"	43'-2 9/16"	43'-2 1/4"	7'-5 13/16"	30'-6"	30'-5 9/16"	7'-10 7/16"	30'-4"	30'-3 9/16"	8'-2 7/16"
4	31'-1"	31'-0 5/8"	6'-8 3/8"	33'-5 5/8"	33'-5 5/16"	7'-0 7/16"	43'-3"	43'-2 5/8"	7'-5"	30'-6 3/8"	30'-6"	7'-9 5/8"	30'-4 7/16"	30'-4"	8'-1 9/16"
5	37'-9"	31'-1"	-	40'-5 3/4"	33'-5 5/8"	-	50'-7 5/8"	43'-3"	-	38'-3 5/8"	30'-6 3/8"	-	38'-5 5/8"	30'-4 3/8"	-



EXTERIOR GIRDER

INTERIOR GIRDER

BOLT HOLE PLACEMENT

PROJECT NO. U-2579B

FORSYTH COUNTY

STATION: 17+10.00 -Y4RPA-

SHEET 5 OF 7

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD DETAILS

PLANS PREPARED BY:

MULKEY ENGINEERS & CONSULTANTS
PO BOX 33127
RALEIGH, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM
NC LICENSE NO. O-1021

NORTH CAROLINA PROFESSIONAL SEAL 034352 ENGINEER TERRY R. PETERSON

DocuSigned by: Terry R. Peterson 5/19/2014
6DC4171647CD40F...

DWG. NO. RPA-20

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

SHEET NO. S-237

TOTAL SHEETS 707

STR #7

DRAWN BY :	W. B. ALLEN	DATE :	9/13
CHECKED BY :	T. R. PETERSON	DATE :	10/13
DESIGN ENGINEER OF RECORD:	T. R. PETERSON	DATE :	4/23/14

5/19/2014 8:03:33 AM R:\Structures\U-2579B Ramp A\U-2579B_RPA_SD_05_01.dgn