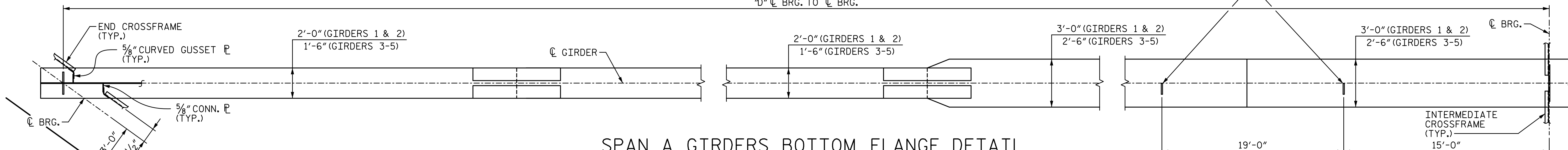


(CONNECTOR PLATES AND COMBINATION CONNECTOR/STIFFENER PLATES NOT SHOWN FOR CLARITY. FOR PLACEMENT, SEE 'FRAMING PLAN')



(CONNECTOR PLATES AND COMBINATION CONNECTOR/STIFFENER PLATES NOT SHOWN FOR CLARITY. FOR PLACEMENT, SEE 'FRAMING PLAN')

NOTES:

1. CHARPY V-NOTCH TESTS ARE REQUIRED FOR ALL TOP OR BOTTOM FLANGE PLATES WHICH FALL WITHIN THESE LIMITS, ALL WEB PLATES AND ALL SPLICE PLATES. IF A PERMITTED SHOP FLANGE SPLICE IS NOT USED, CHARPY V-NOTCH TESTS WILL BE REQUIRED FOR THE ENTIRE FLANGE PLATE. FOR CHARPY V-NOTCH TESTS, SEE ARTICLE 1072-7 OF THE STANDARD SPECIFICATIONS.
2. NO WELDING OF FORMS OR FALSEWORK TO THE TOP FLANGE WILL BE PERMITTED IN THIS REGION.
3. SEE SHEET 2 OF 8 FOR SHEAR CONNECTOR DETAILS.
4. SEE 'SUPERSTRUCTURE STRUCTURAL STEEL BOLTED FIELD SPLICE' SHEETS FOR LOCATIONS & DETAILS OF SHEAR CONNECTORS ON TOP FLANGE SPLICE PLATES.

GIRDER DIMENSIONS

GDR.	SPANS A & B							SHEAR CONNECTORS							TENSION ZONE									
	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"	"N"	* NO. OF SHEAR CONN.	"AA"	"BB"	"CC"	"DD"	"EE"	"FF"	"GG"	"HH"	
1	134'-3 3/16"	42'-1 1/8"	127'-0 1/8"	226'-4 11/16"	458'-9 11/16"	44'-11"	229'-11"	57	71'-3"	2'-7 9/16"	2'-6"	61	122'-0"	2'-6"	1484	152'-1 11/16"	75'-6"	182'-0"	45'-7 11/16"	73'-11"	157'-3"	45'-5"	185'-9"	
2	125'-0 7/8"	36'-8 1/2"	114'-0 1/16"	211'-9 3/8"	436'-6 5/16"	37'-3 3/16"	222'-3 3/16"	49	61'-3"	3'-4 7/8"	3'-0"	54	108'-0"	3'-0"	1424	139'-6 3/8"	73'-6"	167'-8"	45'-4 3/8"	63'-8"	156'-10 9/16"	44'-8 9/16"	178'-10"	
3	115'-10 1/4"	31'-3 7/8"	101'-0"	197'-2 1/8"	414'-4 1/4"	29'-8 1/8"	214'-8 1/8"	42	52'-6"	2'-11 1/4"	2'-6"	48	96'-0"	2'-6"	1372	125'-10 1/8"	72'-7"	154'-0"	44'-5 1/8"	64'-7"	151'-4 1/8"	43'-5 1/8"	172'-6"	
4	106'-7 1/2"	25'-11 5/16"	88'-0"	182'-6 13/16"	392'-1 1/2"	22'-0 11/16"	207'-0 11/16"	35	43'-9"	2'-5 1/2"	3'-0"	41	82'-0"	3'-0"	1316	112'-10 13/16"	70'-11"	141'-11"	41'-10 13/16"	61'-6"	146'-9 11/16"	41'-0 11/16"	167'-3"	
5	97'-4 7/8"	20'-6 11/16"	74'-11 7/8"	167'-11 3/16"	369'-10 3/4"	14'-5 3/16"	199'-5 3/16"	27	33'-9"	3'-2 7/8"	2'-6"	35	70'-0"	2'-6"	1260	95'-10 9/16"	73'-4"	132'-6"	36'-8 9/16"	59'-4"	141'-4 3/16"	36'-5 3/16"	164'-3"	

* SHEAR CONNECTORS ON TOP FLANGE PLATE OF BOLTED FILED SPLICE NOT INCLUDED IN QUANTITY.

PROJECT NO. **R-2707C**
CLEVELAND COUNTY
 STATION: **596+50.98 -L-**
 SHEET 1 OF 8

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE

STRUCTURAL STEEL GIRDER ELEVATION SPAN A

(SITE 6R)

DocuSigned by:
Tony R. Laws, Jr.
 CA0CE0F6B76AF7
 12/13/2016

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

SHEET NO. **S8-13**

TOTAL SHEETS **44**

12/13/2016 7:03:26 PM R:\408_025_R2707C-SMU_SSD01-S8-13.dgn

DRAWN BY: **MBC** DATE: **10-16** DESIGN ENGINEER OF RECORD: **V. WU** DATE: **10-16**

CHECKED BY: **TRL** DATE: **10-16**