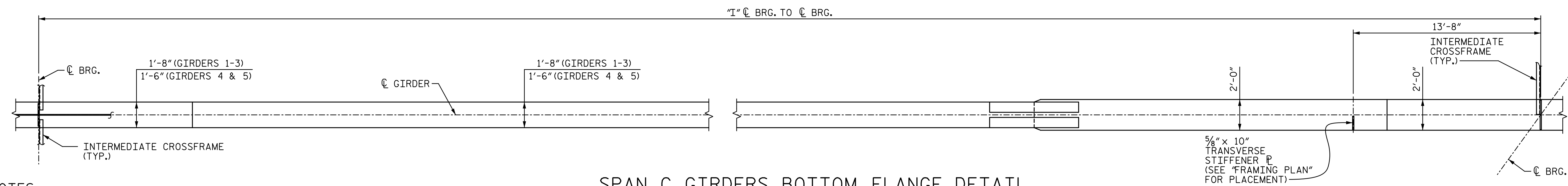


SPAN C GIRDERS ELEVATION

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



SPAN C GIRDERS BOTTOM FLANGE DETAIL

(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 1 OF 11 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.	"A"	SPAN C			SHEAR CONNECTORS			TENSION ZONE		
		"C"	"H"	"I"	"J"	"K"	"L"	NO. OF SHEAR CONN.	"JJ"	"KK"
1	636'-7 1/2"	124'-7 1/2"	86'-7 1/2"	129'-7"	21	42'-0"	3'-7 1/2"	388	97'-0"	32'-7"
2	614'-5 1/4"	117'-0 1/2"	79'-0 1/2"	122'-0"	17	34'-0"	4'-0 1/2"	372	87'-8"	34'-4"
3	592'-2 1/2"	109'-5 1/16"	71'-5 1/16"	114'-4 9/16"	13	26'-0"	4'-5 1/16"	356	79'-3"	35'-1 9/16"
4	569'-11 3/4"	101'-9 9/16"	63'-9 9/16"	106'-9 1/16"	9	18'-0"	4'-9 9/16"	340	77'-3"	29'-6 1/16"
5	547'-9 9/8"	94'-2 1/4"	56'-2 1/4"	99'-1 3/4"	6	12'-0"	3'-2 1/4"	328	71'-0"	28'-1 3/4"

PROJECT NO. R-2707C

CLEVELAND COUNTY

STATION: 596+50.98 -L-

SHEET 3 OF 11

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

DocuSigned by:
Tony R. Laws, Jr.
CA0CE9F8B74F7...
12/13/2016

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

STRUCTURAL STEEL GIRDER ELEVATION SPAN C

(SITE 6L)

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

DRAWN BY: <u>VMW</u> DATE: <u>10-16</u>	DESIGN ENGINEER OF RECORD: <u>V. WU</u> DATE: <u>10-16</u>
CHECKED BY: <u>TRL</u> DATE: <u>10-16</u>	

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