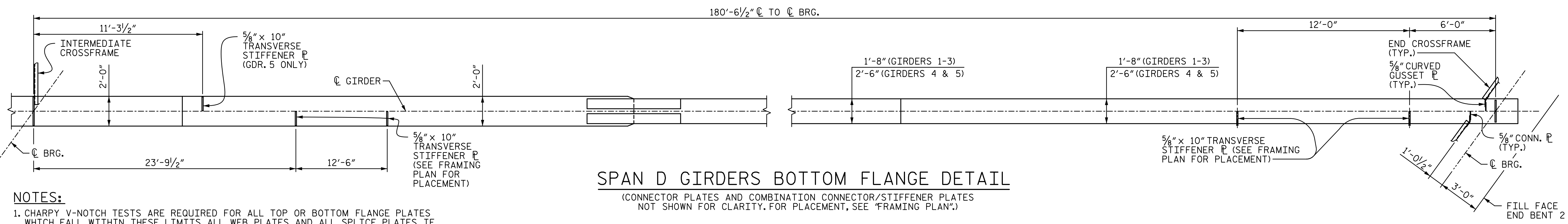


### SPAN D GIRDERS ELEVATION

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



### SPAN D 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"	SHEAR CONNECTORS NO. OF SHEAR CONN.	TENSION ZONE			
			"LL"	"MM"	"NN"	"OO"
1	636'-7 1/2"	632	43'-11"	137'-10 1/2"	27'-9 1/2"	154'-0"
2	614'-5 1/4"	632	43'-4"	138'-5 1/2"	29'-3 1/2"	152'-6"
3	592'-2 1/2"	632	43'-4"	138'-5 1/2"	30'-0 1/2"	151'-9"
4	569'-11 3/4"	632	28'-6"	153'-3 1/2"	21'-9 1/2"	160'-0"
5	547'-9 1/8"	632	29'-4"	152'-6 1/2"	21'-9 1/2"	160'-0"

PROJECT NO. R-2707C  
CLEVELAND COUNTY  
 STATION: 596+50.98 -L-  
 SHEET 4 OF 11

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DocuSigned by:  
**Tony R. Laws, Jr.**  
CA0CE9F8B764F... 12/13/2016

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUPERSTRUCTURE**

**STRUCTURAL STEEL GIRDER ELEVATION SPAN D**

(SITE 6L)

REVISIONS				SHEET NO. S7-17
NO.	BY:	DATE:	NO.	
1			3	TOTAL SHEETS 56
2			4	

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