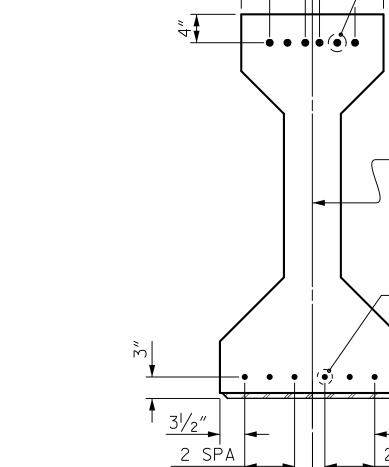
+



2 SPA.-@ 2[|]/2"

یر س			-*S7 (TYP.)
$\frac{3^{1/2''}}{2 \text{ SF}}$	$\frac{2^{1/2}}{2}$		4 ¹ /4" SPA 3 ¹ /2"
	 2'- <u>ETAIL</u> ASHTO TYP	<u>2″</u>	

1'-8"

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- 米 S7

(TYP.)

— € GDR.

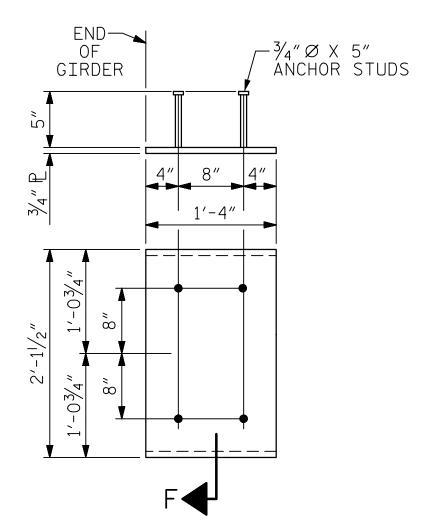
			DEA	DL	OAD	DE	FLE	CTI	ON	TAE	BLE	FOF	R G	IRDE	ERS								
			SPAN A								1												
0.6″Ø LOW RELAXATION					(GIRDE	ERS (1& 4	1							(SIRDE	ERS 2	2&	3			
TENTH POINTS		0	.1	. 2	.3	. 4	. 5	. 6	. 7	.8	.9	0	0	.1	.2	.3	. 4	.5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE)	1	0	0.010	0.019	0.027	0.031	0.033	0.031	0.027	0.019	0.010	0	0	0.010	0.019	0.027	0.031	0.033	0.031	0.027	0.019	0.010	0
* DEFLECTION DUE TO SUPERIMPOSED D.L.	♦	0	0.005	0.011	0.015	0.017	0.018	0.017	0.015	0.011	0.005	0	0	0.006	0.012	0.016	0.019	0.020	0.019	0.016	0.012	0.006	0
FINAL CAMBER	≜	0	″»۱/۱	/8″	۱ <u>/8</u> ″	³ /16″	³ /16″	3/16″	۱ <u>/</u> 8″	۱⁄ ₈ ″	¹ ⁄16″	0	0	1/16″	1/16″	۱ <u>/</u> 8″	۱/ ₈ ″	/8″	۱⁄ ₈ ″	/8″	1/16″	1/16″	0

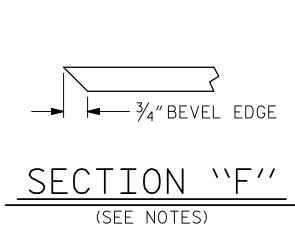
* INCLUDES FUTURE WEARING SURFACE. ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT ``FINAL CAMBER'', WHICH IS GIVEN IN INCHES (FRACTION FORM).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																							
			SPANS B & C																				
0.6″Ø LOW RELAXATION					(GIRD	ERS :	1 & 4	1							(GIRDE	ERS 2	2 &	3			
TENTH POINTS		0	.1	. 2	.3	. 4	.5	.6	.7	.8	.9	0	0	.1	. 2	.3	. 4	. 5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE)	≜	0	0.062	0.118	0.162	0.189	0.199	0.189	0.162	0.118	0.062	0	0	0.062	0.118	0.162	0.189	0.199	0.189	0.162	0.118	0.062	0
* DEFLECTION DUE TO SUPERIMPOSED D.L.	♦	0	0.050	0.098	0.135	0.159	0.167	0.159	0.135	0.098	0.050	0	0	0.055	0.108	0.149	0.175	0.184	0.175	0.149	0.108	0.055	0
FINAL CAMBER	ł	0	1/8″	۱/ ₄ ″	5/16″	3/ "	3/8″	3/8″	5/16″	1/4″	1/8″	0	0	¹ /16″	1/8″	3/16″	3/16″	3/16″	3/16″	3/16″	/8″	1/16″	0

* INCLUDES FUTURE WEARING SURFACE. ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM),EXCEPT ``FINAL CAMBER'',WHICH IS GIVEN IN INCHES (FRACTION FORM).

ASSEMBLED BY : T.J. KIRSCI CHECKED BY : R.F. WERTMA		4/26/14 8/16/14
DRAWN BY : ELR 11/91 CHECKED BY : GRP 11/91	REV. 5/1/06 REV. 10/1/11 REV. 1/15	TLA/GM MAA/GM MAA/TMG





EMBEDDED PLATE ``B-1'' SHALL BE GALVANIZED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

ANCHOR STUDS SHALL CONFORM TO AASHTO M169 GRADES 1010 THROUGH 1020 OR APPROVED EQUAL, AND SHALL MEET THE TYPE ``B'' REQUIREMENTS OF SUBSECTION 7.3 OF THE ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE.

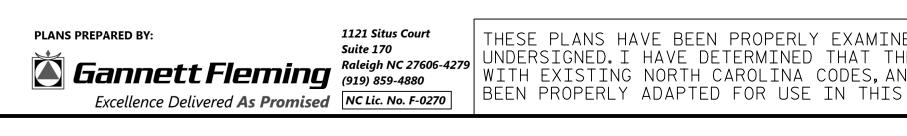
AT ENDS OF GIRDERS TO BE EMBEDDED IN CONCRETE DIAPHRAGMS OR END WALLS, PRESTRESSING STRANDS MAY EXTEND A MAXIMUM OF 2" BEYOND THE GIRDER ENDS. OTHERWISE, PRESTRESSING STRANDS SHALL BE CUT FLUSH WITH THE GIRDER ENDS.

THE TRANSFER OF LOAD FROM THE ANCHORAGES TO THE GIRDER SHALL BE DONE WHEN CONCRETE HAS REACHED A COMPRESSIVE STRENGTH OF NOT LESS THAN 6400 PSI. DEPENDING ON THE TYPE OF SYSTEM USED TO SUPPORT THE DECK SLAB FORMS, PRESET

DEPTH OF $\frac{1}{4}$ ".

EMBEDDED PLATE ``B-1" DETAILS FOR AASHTO TYPE IV GIRDER

(2 REQ'D PER GIRDER)



NOTES

ALL PRESTRESSING STRANDS SHALL BE 7-WIRE LOW-RELAXATION GRADE 270 STRANDS AND SHALL CONFORM TO AASHTO M203 EXCEPT FOR SAMPLING REQUIREMENTS WHICH SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

ALL REINFORCING STEEL SHALL BE GRADE 60.

ANCHORS MAY BE NECESSARY IN THE PRESTRESSED CONCRETE GIRDER. THE TOP SURFACE OF THE GIRDER, EXCLUDING THE OUTSIDE 4", SHALL BE RAKED TO A

		PROJECT NO. <u>R-2915B</u> <u>ASHE</u> COUNTY STATION: <u>242+67.42</u> -L-
		STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH STANDARD
	PACIFIC DECLORED	PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD DETAILS SBL
NED BY THE Hey comply	SEAL 037180	REVISIONS SHEET NO. NO. BY: DATE: NO. BY: DATE: SO4-17
AND HAVE S AREA.	00000000000000000000000000000000000000	1 3 TOTAL SHEETS 2 4 35
		STR. NO. 4 STD. NO. PCG9