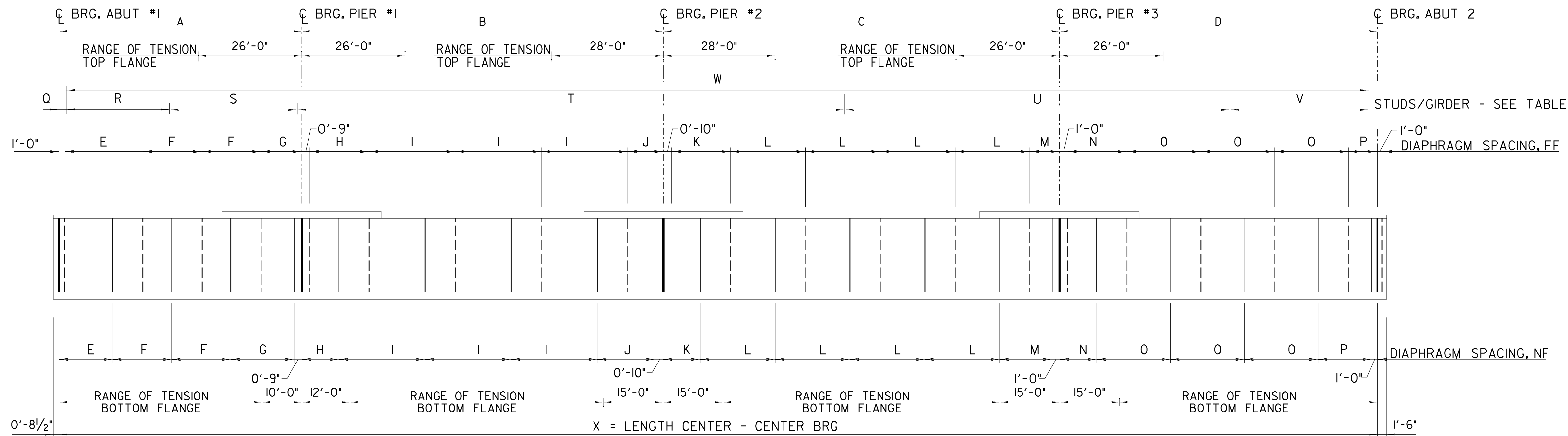


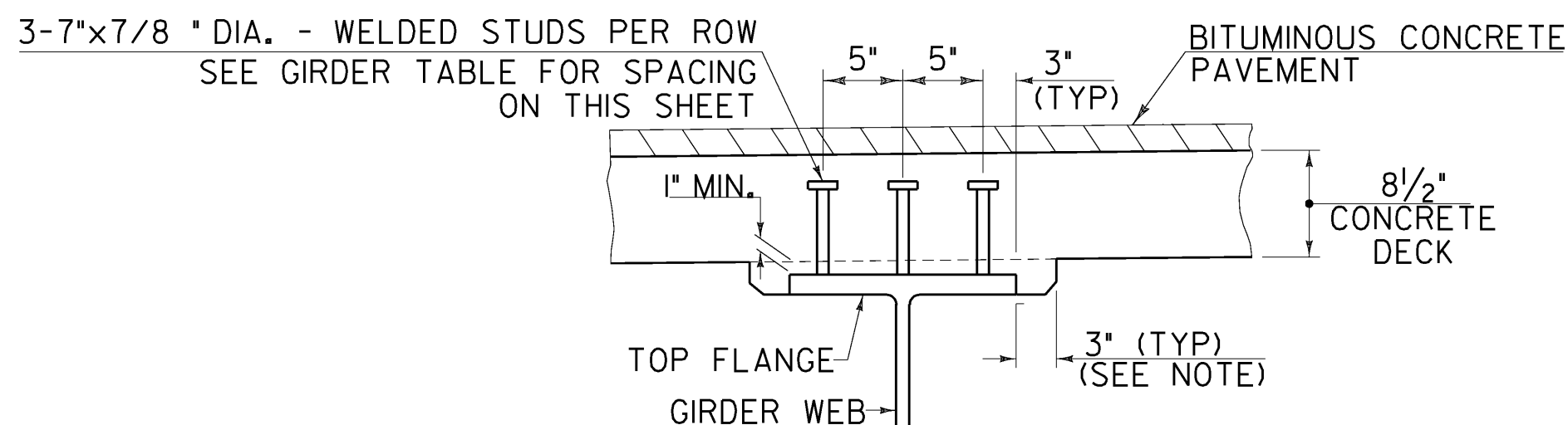


GIRDER ELEVATION
NOT TO SCALE

NOTE:
NF = NEAR FACE
FF = FAR FACE

		GIRDER 1		GIRDER 2		GIRDER 3		GIRDER 4		GIRDER 5	
		GI - NF		G2 - FF	G2 - NF	G3 - FF	B3 - NF	G4 - FF	G4 - NF	G5 - FF	
C.C. BRG	A	61'-2 ⁵ / ₁₆ ''		60'-11 ¹ / ₄ ''		60'-7 ¹¹ / ₁₆ ''		60'-4 ¹ / ₄ ''		60'-0 ⁵ / ₁₆ ''	
	B	91'-5 ¹ / ₄ ''		90'-10 ¹ / ₁₆ ''		90'-3 ¹ / ₈ ''		89'-8 ⁷ / ₁₆ ''		89'-2''	
	C	100'-4 ⁵ / ₁₆ ''		99'-5 ³ / ₁₆ ''		98'-7 ³ / ₁₆ ''		97'-9 ¹ / ₁₆ ''		96'-11 ³ / ₈ ''	
	D	80'-10 ¹ / ₁₆ ''		79'-10''		78'-10 ⁵ / ₁₆ ''		77'-11 ¹ / ₄ ''		77'-0 ¹ / ₁₆ ''	
BEARING STIFFENER AND DIAPHRAGM CONNECTIONS	E	-	14'-9 ³ / ₁₆ ''	20'-11 ¹ / ₁₆ ''	14'-7 ¹ / ₂ ''	19'-10 ¹ / ₄ ''	14'-7 ¹¹ / ₁₆ ''	19'-9 ³ / ₁₆ ''	14'-6''	19'-7 ⁵ / ₁₆ ''	-
	F	-	14'-9''	14'-10 ³ / ₁₆ ''	14'-8''	14'-9 ³ / ₁₆ ''	14'-6''	14'-7 ¹ / ₈ ''	14'-5''	14'-6 ¹ / ₈ ''	-
	G	-	16'-2 ³ / ₁₆ ''	10'-1 ¹ / ₁₆ ''	16'-2 ³ / ₄ ''	10'-3 ¹ / ₁₆ ''	16'-3''	10'-4 ¹ / ₄ ''	16'-3 ¹ / ₄ ''	10'-5 ³ / ₁₆ ''	-
	H	-	9'-11 ⁵ / ₁₆ ''	16'-2 ¹ / ₂ ''	9'-10 ¹ / ₄ ''	16'-0 ¹ / ₈ ''	10'-3 ³ / ₁₆ ''	16'-4 ¹ / ₁₆ ''	10'-2 ³ / ₈ ''	16'-2 ⁵ / ₁₆ ''	-
	I	-	21'-6''	21'-7 ¹¹ / ₁₆ ''	21'-4''	21'-5 ¹ / ₁₆ ''	21'-0''	21'-1 ⁵ / ₈ ''	20'-10''	20'-11 ⁵ / ₈ ''	-
	J	-	16'-1 ⁵ / ₁₆ ''	8'-11 ¹ / ₂ ''	16'-1 ⁵ / ₁₆ ''	9'-0 ⁵ / ₁₆ ''	16'-1 ⁵ / ₁₆ ''	9'-2 ¹ / ₂ ''	16'-2 ¹ / ₁₆ ''	9'-3 ¹ / ₁₆ ''	-
	K	-	8'-8 ¹ / ₄ ''	16'-0 ⁵ / ₁₆ ''	8'-9 ¹ / ₁₆ ''	16'-0 ⁵ / ₁₆ ''	8'-11 ³ / ₁₆ ''	16'-0 ³ / ₄ ''	9'-1 ³ / ₈ ''	16'-1 ³ / ₄ ''	-
	L	-	18'-8''	18'-9 ¹ / ₂ ''	18'-5''	18'-6 ¹ / ₁₆ ''	18'-2''	18'-3 ¹ / ₁₆ ''	17'-11''	18'-0 ³ / ₈ ''	-
	M	-	16'-0 ¹ / ₁₆ ''	7'-5 ³ / ₈ ''	16'-0 ³ / ₈ ''	7'-7 ¹ / ₈ ''	16'-0''	7'-8 ⁷ / ₁₆ ''	15'-11 ¹¹ / ₁₆ ''	7'-10 ¹ / ₈ ''	-
	N	-	7'-1 ⁵ / ₁₆ ''	15'-11 ¹ / ₄ ''	7'-1 ⁵ / ₁₆ ''	15'-9 ¹ / ₁₆ ''	7'-6 ³ / ₈ ''	15'-11 ³ / ₄ ''	7'-7 ¹ / ₁₆ ''	15'-11 ¹ / ₁₆ ''	-
	O	-	18'-5''	18'-6 ¹ / ₁₆ ''	18'-2''	18'-3 ¹ / ₁₆ ''	17'-10''	17'-11 ³ / ₁₆ ''	17'-7''	17'-8 ³ / ₁₆ ''	-
	P	-	17'-5 ¹ / ₂ ''	7'-3 ⁷ / ₁₆ ''	17'-2 ³ / ₁₆ ''	7'-2 ⁵ / ₁₆ ''	16'-9 ⁵ / ₁₆ ''	7'-1 ³ / ₈ ''	16'-6 ¹ / ₁₆ ''	7'-0 ⁵ / ₈ ''	-
	Q	4 ¹ / ₄ '		3 ¹ / ₂ '		1 ¹ / ₈ '		5 ³ / ₈ '		3'	
	R	24 SP. @ 1'-3" = 30'-0"		29 SP. @ 1'-3" = 36'-3"		28 SP. @ 1'-3" = 35'-0"		28 SP. @ 1'-3" = 35'-0"		28 SP. @ 1'-3" = 35'-0"	
	S	64 SP. @ 6" = 32'-0"		50 SP. @ 6" = 25'-0"		50 SP. @ 6" = 25'-0"		50 SP. @ 6" = 25'-0"		50 SP. @ 6" = 25'-0"	
	T	165 SP. @ 10" = 137'-6"		174 SP. @ 10" = 145'-0"		173 SP. @ 10" = 144'-2"		172 SP. @ 10" = 143'-4"		171 SP. @ 10" = 142'-6"	
	U	129 SP. @ 9" = 96'-9"		107 SP. @ 9" = 80'-3"		108 SP. @ 9" = 81'-0"		106 SP. @ 9" = 79'-6"		127 SP. @ 9" = 95'-3"	
	V	37 SP. @ 12" = 37'-0"		44 SP. @ 12" = 44'-0"		43 SP. @ 12" = 43'-0"		42 SP. @ 12" = 42'-0"		25 SP. @ 12" = 25'-0"	
	W	420 ROWS X 3 STUDS PER ROW = 1260 STUDS		405 ROWS X 3 STUDS PER ROW = 1215 STUDS		403 ROWS X 3 STUDS PER ROW = 1209 STUDS		399 ROWS X 3 STUDS PER ROW = 1197 STUDS		402 ROWS X 3 STUDS PER ROW = 1206 STUDS	
RADIUS		1130'-11"		1138'-5"		1145'-11"		1153'-5"		1160'-11"	
X		333'-11 ⁵ / ₁₆ '		331'-1 ¹ / ₈ '		328'-4 ⁵ / ₁₆ '		325'-9'		323'-3 ¹ / ₈ '	

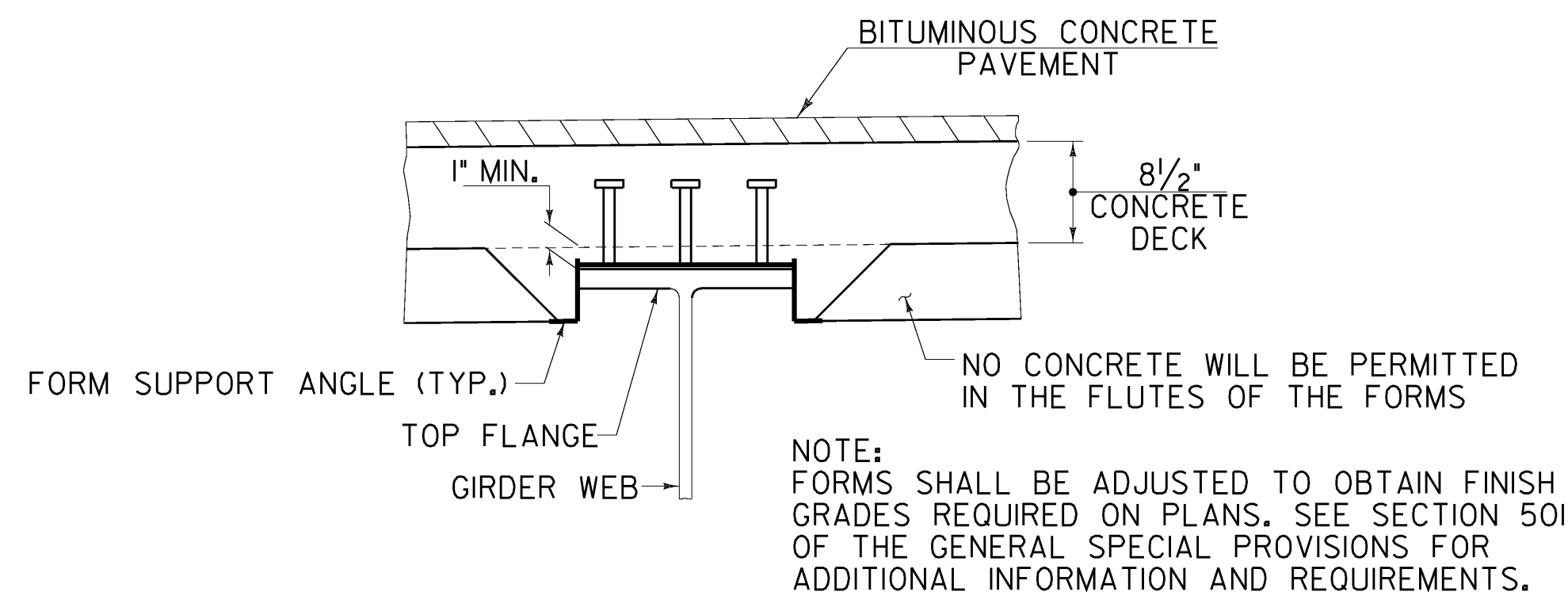
GIRDER DIMENSION TABLE



NOTE: THE 3" HORIZONTAL SECTION MAY BE ELIMINATED FOR FORMING SYSTEMS DESIGNED FOR THE CONSTRUCTION OF VERTICAL HAUNCHES. SYSTEMS SHALL BE SUBMITTED FOR APPROVAL TO THE STRUCTURES ENGINEER. ANY VOIDS RESULTING FROM THIS FORMING SYSTEM SHALL BE FILLED WITH MORTAR, TYPE IV OR AN EQUIVALENT PRODUCT FROM THE APPROVED PRODUCTS LIST (SEE SUBSECTION 707.03).

HAUNCH AND SHEAR CONNECTOR DETAILS

NOT TO SCALE



**ALTERNATE HAUNCH DETAIL
(STAY-IN-PLACE FORMS)**

NOT TO SCALE

NOTES:

1. GIRDER DIMENSIONS ARE GIVEN ALONG CENTERLING OF GIRDER.
2. FOR ADDITIONAL NOTES REFER TO SHEET 28.

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	PUTNEY	Bridge No.	19A
Highway No.	U.S. ROUTE 5	Log Sta.	
		Surv. Sta.	
U.S. ROUTE 5 OVER I-91			
GIRDER DETAILS I			
Designed By	G. BOGUE	Drawn By	T. KNIGHT
Checked By	Date	Bridge Design Supervisor	
G. BOGUE	06/09	G. BOGUE	Date 07/09
PROJECT	PUTNEY	PROJECT NO.	IM 091-1(31)
CAD Drawing Name:	...\\Plot Files\\29 z9381480.dwg	Date:	10/19/2009
Bridge Sheet No.		Sheet	29 of 75

