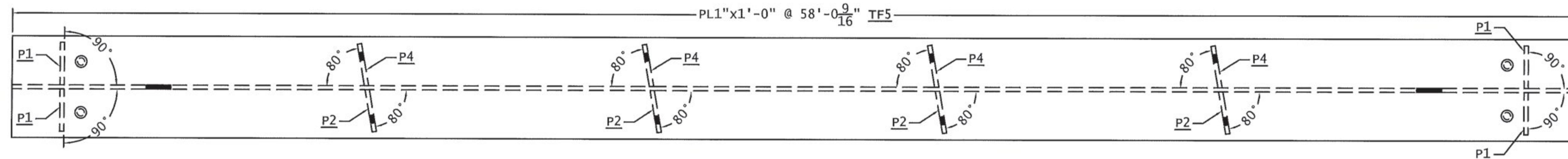
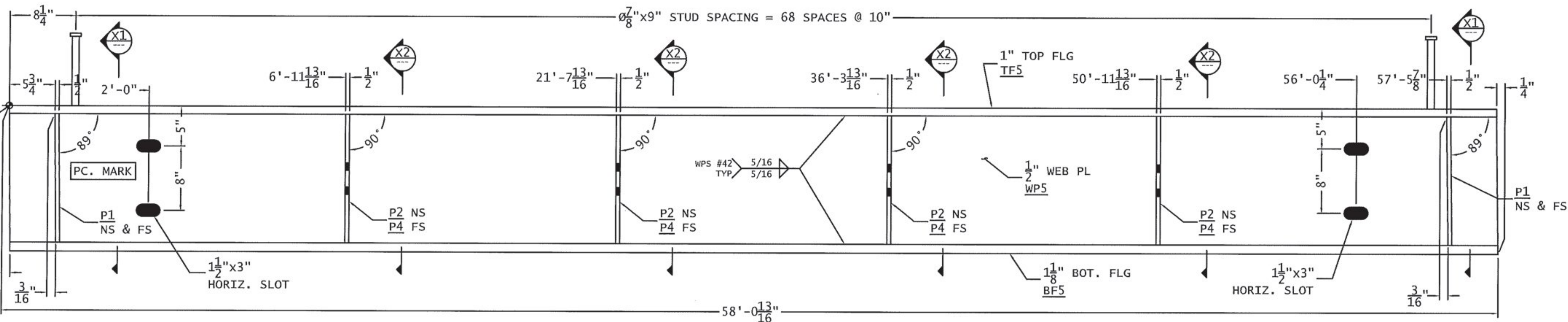


GIRDER G5
(PLAN)

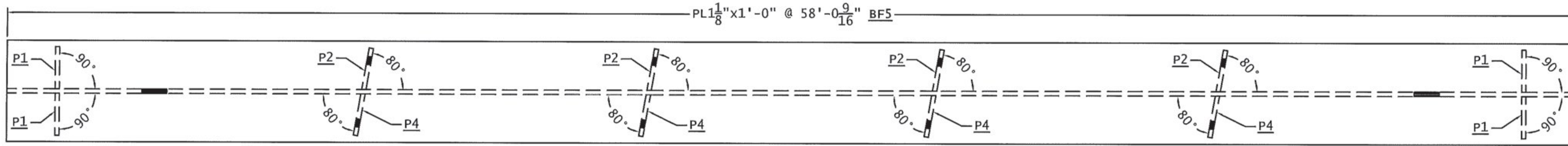


RUNNING
DIM. W.P.

GIRDER G5
(ELEVATION)



GIRDER G5
(BOT. FLANGE)

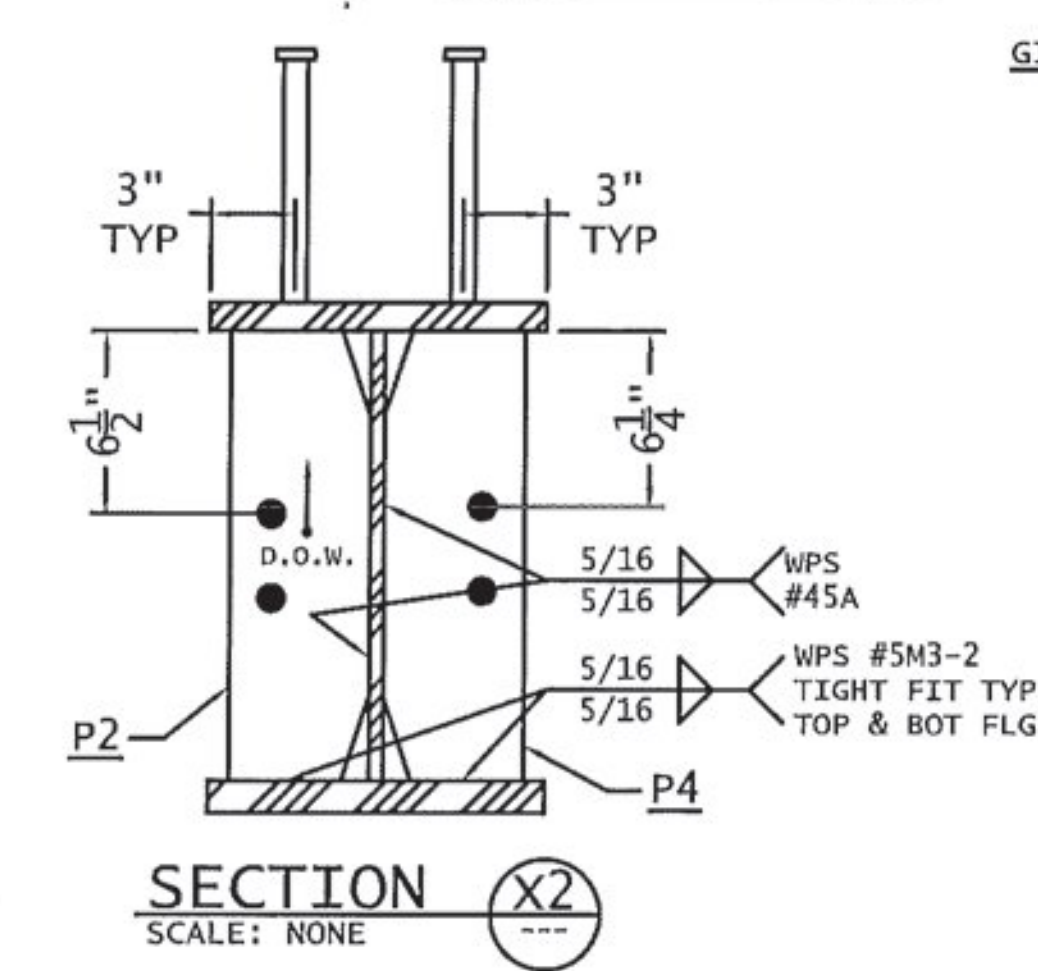
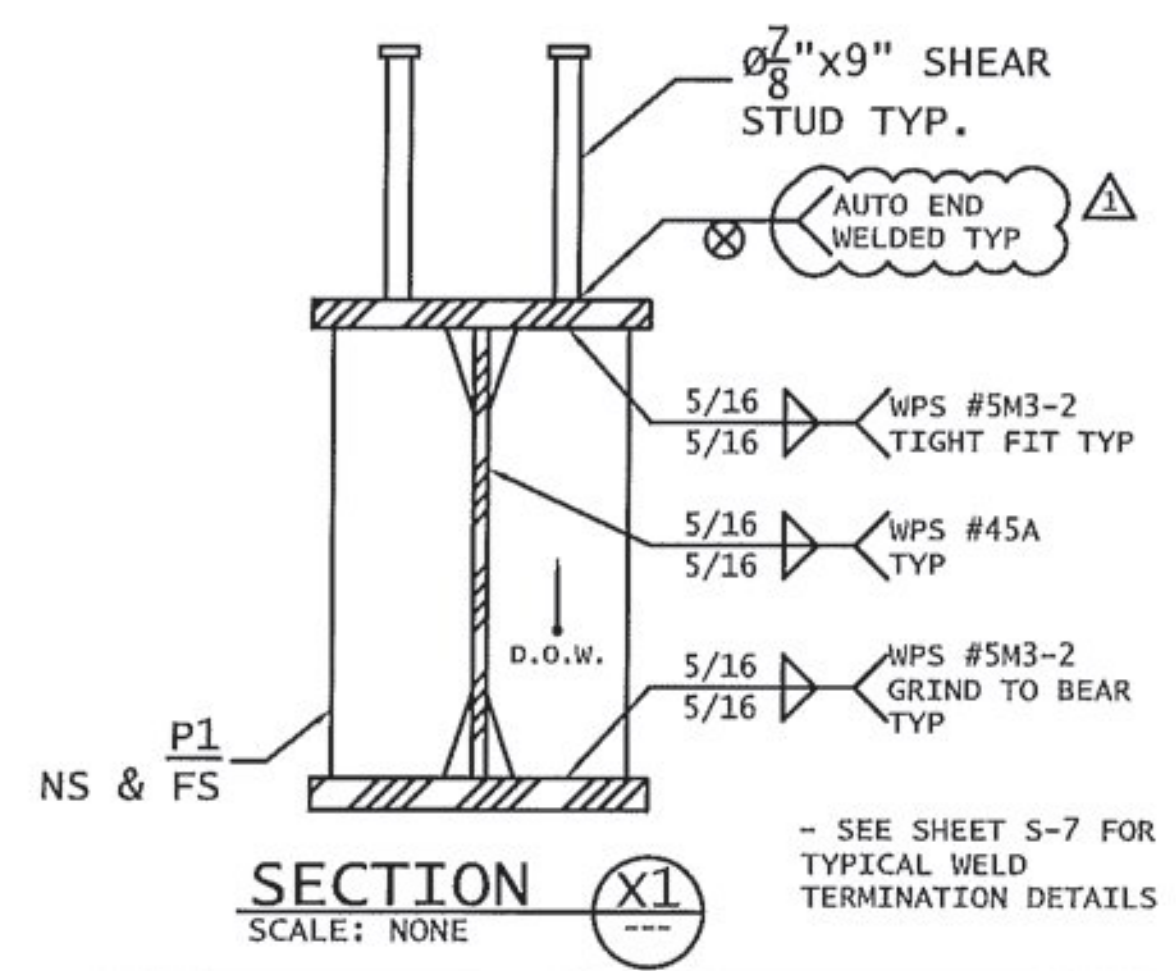
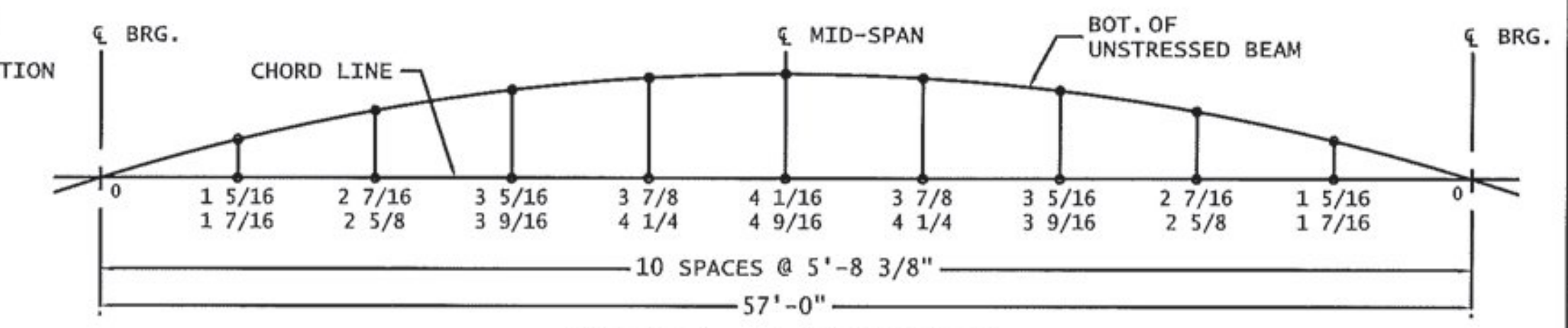


Vermont Agency of Transportation
RECEIVED
CK'D BY RBF, TAM OK'D BY JDG
February 9, 2017
RESUBMIT No Approved
BY Kristin Higgins DATE 2/14/2017

BILL OF MATERIALS

SHIP MARK	SHIP QTY	PIECE MARK	PC. QTY	DESCRIPTION	LENGTH		WT. lbs. ea.	WT. lbs. tot.	MAT'L
					Ft.	In.			
G5	1			GIRDER ASSEMBLY	58	13/16	6746.9	6746.9	
		WP5	1	PL 1/2 " x 16 "	58	13/16	1580.4	1580.4	CVN
		TF5	1	PL 1 " x 12 "	58	9/16	2369.7	2369.7	CVN
		BF5	1	PL 1 1/8 " x 12 "	58	9/16	2665.9	2665.9	CVN
		P1	4	PL 1/2 " x 5 "	1	4	10.9	43.6	
		P2	4	PL 1/2 " x 5 "	1	4	10.9	43.6	
		P4	4	PL 1/2 " x 5 "	1	4	10.9	43.6	
			138	7/8" DIA. SHEAR STUD	0	9			
TOTAL WEIGHT =							6746.9		

THE TWO CAMBER DIMENSIONS REPRESENT THE FOLLOWING:
-TOP DIMENSION = TOTAL CAMBER IN FINISHED BEAM
-BOTTOM DIMENSION = TOTAL CAMBER @ TIME OF FABRICATION



GIRDERS G1 - G6 CAMBER DIAGRAM
UNITS IN INCHES

FINISH:	HOT-DIP GALVANIZED		
MATERIAL:	AASHTO M270 GR.50		
HOLES:	1/4" U.N.O		
ELECTRODES:	PER WELD PROCEDURE	REVISED PER REVIEWER COMMENTS	1/6/17
WELDS:	PER WELD PROCEDURE	ISSUED FOR APPROVAL	12/6/16
SURFACE PREP:	SSPC-SP6	No.	Revision
Fabricator: ARC ENTERPRISES INC.		DRAFTWORKS DETAILING 11 CHESTNUT ST. AMESBURY, MA	
Job Number: 16-181		SHOP DRAWING GIRDER G5 DETAILS	
Original Submittal Date: 12/6/16		VTRANS, STRAFFORD VT BRIDGE REPLACEMENT PROJ# BF 0177 (10)	
Drawn By: DAP	Checked By: BLB	QC: MILLER CONSTRUCTION	Sheet No: 7 OF 10 Drawing No: S-5