

GIRDER G6
(PLAN)

RUNNING
DIM. W.P.

GIRDER G6
(ELEVATION)

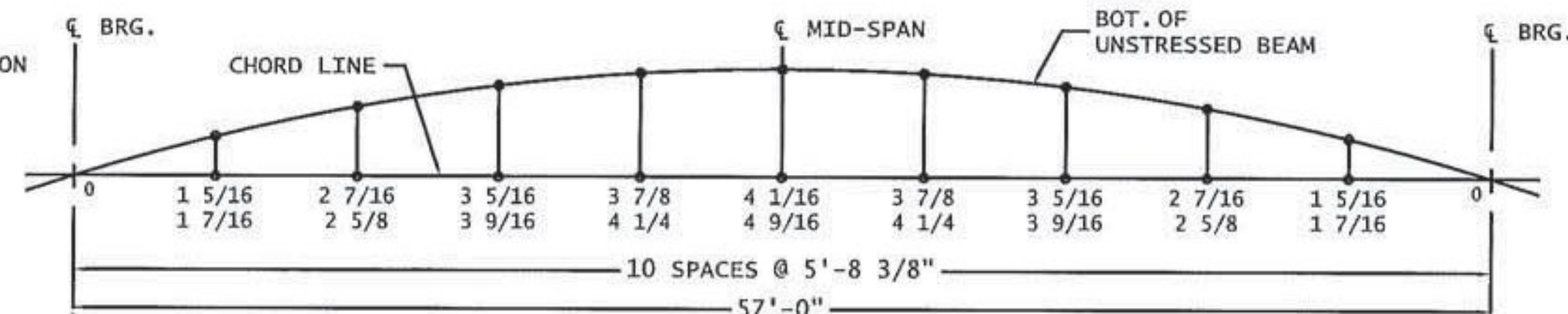
GIRDER G6
(BOT. FLANGE)

Vermont Agency of Transportation
RECEIVED
CK'D BY RSF, 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.			
G6	1			GIRDER ASSEMBLY	58	13/16	6704.3	6704.3	
		WP6	1	PL 1/2 " x 16 "	58	13/16	1580.4	1580.4	CVN
		TF6	1	PL 1 " x 12 "	58	9/16	2369.7	2369.7	CVN
		BF6	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	
		DB1	1	PL 1/4 " x 3 1/8 "	0	8 5/8	1.1	1.1	
			138	7/8" DIA. SHEAR STUD	0	7			
TOTAL WEIGHT =								6704.3	

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:	1/8" U.N.O.		
ELECTRODES:	PER WELD PROCEDURE	1	REVISED PER REVIEWER COMMENTS 1/6/17
WELDS:	PER WELD PROCEDURE	0	ISSUED FOR APPROVAL 12/6/16
SURFACE PREP:	SSPC-SP6	No.	Revision Date
ARC ENTERPRISES INC.		DRAFTWORKS DETAILING 11 CHESTNUT ST. AMESBURY, MA	
Job Number:	16-181	SHOP DRAWING	Sheet No: 8 OF 10
Original Submitted Date:	12/6/16	GIRDER G6 DETAILS	Drawing No:
Drawn By:	DAP	Checked By:	BLB
		MILLER CONSTRUCTION	

