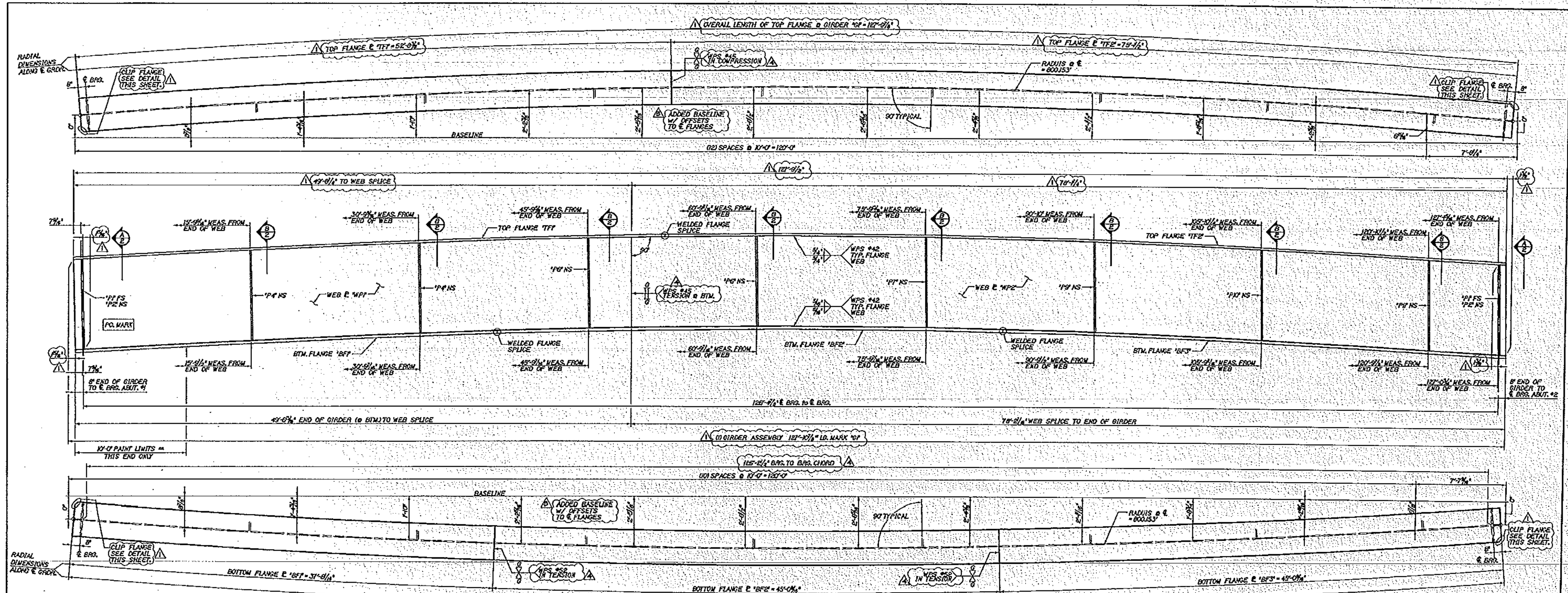
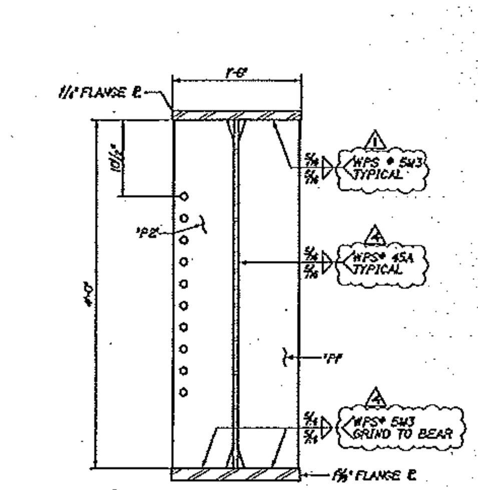


-STIFFENERS AND ENDS OF BEAM CHANGED TO BE VERTICAL AT STEEL DEAD LOAD CONDITION.
-RUNNING DIMENSIONS ADDED TO THE BOTTOM OF THE STIFFENERS.
-RUNNING DIMENSIONS ARE NOW GIVEN ALONG THE CURVE AND ALONG THE CAMBER OF THE BEAMS (I.e. WHERE THE FILLET WELD BETWEEN WEB AND FLANGE WILL BE). TOP RUNNING DIMENSIONS HAVE BEEN UPDATE ACCORDINGLY.

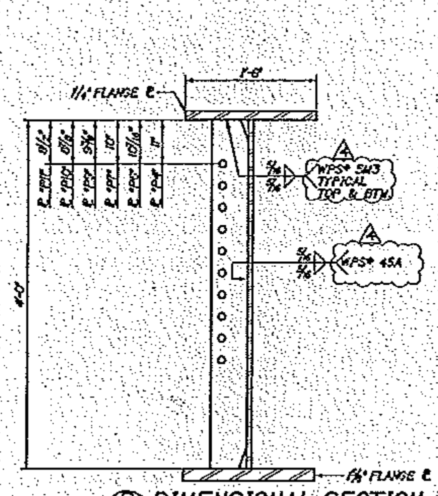
1/2 DIMENSIONAL PLANS & ELEVATIONS ~ GIRDER "G1"

DIMENSIONAL DETAILS ARE DEVELOPED (DIMENSIONS ARE ALONG ARC U.N.O.)
SCALE: 1/4" = 1'-0"
VERTICAL SCALE EXAGERATED 2:1

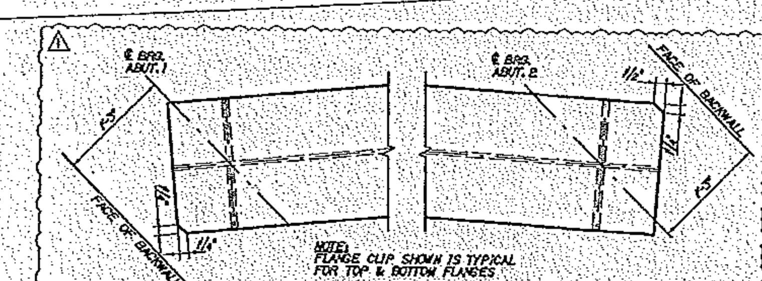
** PRIME WITH CARBOZINC 11HS, INTERMEDIATE COAT WITH CARBOGUARD 893, TOP COAT WITH CARBOTHANE 133 LH APPLIED IN SHOP TOUCH UP REQUIRED IN THE FIELD DUE TO DAMAGE FROM HANDLING AND ERECTION BY OTHERS



A/2 DIMENSIONAL SECTION
SCALE: 1" = 1'-0"



B/2 DIMENSIONAL SECTION
SCALE: 1" = 1'-0"



FLANGE CLIP DETAIL
SCALE: 1" = 1'-0"

NOTE: FOR CAMBER DIAGRAMS SEE SHEET "M3"

BILL OF MATERIALS

SHIP	SHIP MARK	NO. PCS.	PIECE MARK	DESCRIPTION	LENGTH	REMARKS	MATERIAL
1	G1			BRIDGE GIRDER	127'-10 7/8"	36,255#	3
		1	WP1	℄ 5/8" x 48"	49'-6 3/8"	5075#	Gr. 50W (CVN)
		1	WP2	℄ 5/8" x 48"	78'-3 5/8"	7985#	Gr. 50W (CVN)
		1	TF1	℄ 1 1/4" x 18"	52'-8 3/4"	4040#	Gr. 50W (CVN)
		1	TF2	℄ 1 1/4" x 18"	75'-1 1/4"	5760#	Gr. 50W (CVN)
		1	BF1	℄ 1 5/8" x 18"	37'-8 1/8"	3750#	Gr. 70W (CVN)
		1	BF2	℄ 1 5/8" x 18"	45'-0 3/4"	4485#	Gr. 70W (CVN)
		1	BF3	℄ 1 5/8" x 18"	45'-0 3/4"	4485#	Gr. 70W (CVN)
		2	P1	SEE SHEET M1		100# EA.	
		2	P2	SEE SHEET M1		100# EA.	
		2	P4	SEE SHEET M1		34# EA.	
		2	P6	SEE SHEET M1		34# EA.	
		1	P7	SEE SHEET M1		34# EA.	
		1	P9	SEE SHEET M2		34# EA.	
		1	P10	SEE SHEET M2		34# EA.	
		1	P11	SEE SHEET M2		34# EA.	

FINISH	SSPC SP6 EVERYWHERE - OUTSIDE PAINT LIMITS ONLY
MATERIAL	AASHTO M270 (ASTM A709) GRADE 50W (TYP.) (ASTM A709) GRADE HPS 70W (BTM. FLANGE)
HOLES	15/16" Ø U.N.O.
ELECTRODES	
WELDS	PER WELD PROCEDURE
SURFACE PREP	SSPC SP10 w/in PAINTING LIMITS; SSPC SP6 ELSEWHERE

REVISIONS

NO.	DATE	DESCRIPTION	BY
4	3/13/2012	AS NOTED	JJH
3	2/21/2012	BASELINE w/ OFFSETS & AS NOTED	JJH
1	2/15/2012	AS NOTED	JJH

ARC ENTERPRISES, INC.

ADVANCED RESOURCES & CONST. ENTERPRISES, INCORPORATED
P.O. BOX 120 KINGFIELD, ME 04947
PHONE: (207) 265-2646 - FAX: (207) 265-4264

DRAFTER	JJH	GIRDER 1	PROJECT NO.
DATE	DEC. 2011	BRIDGE # 57, TOWN HIGHWAYS SPRINGFIELD, VERMONT	BRO 1442(30)
CHECKED	ETC	[illegible]	DWG. NO.
DATE	JAN. 2012	T BUCK CONSTRUCTION	2

Vermont Agency of Transportation
RECEIVED
CK'D BY GML OK'D BY JEL
11:20 am, Mar 19, 2012
RESUBMIT ______ APPROVED X
BY KMH DATE 3/19/2012