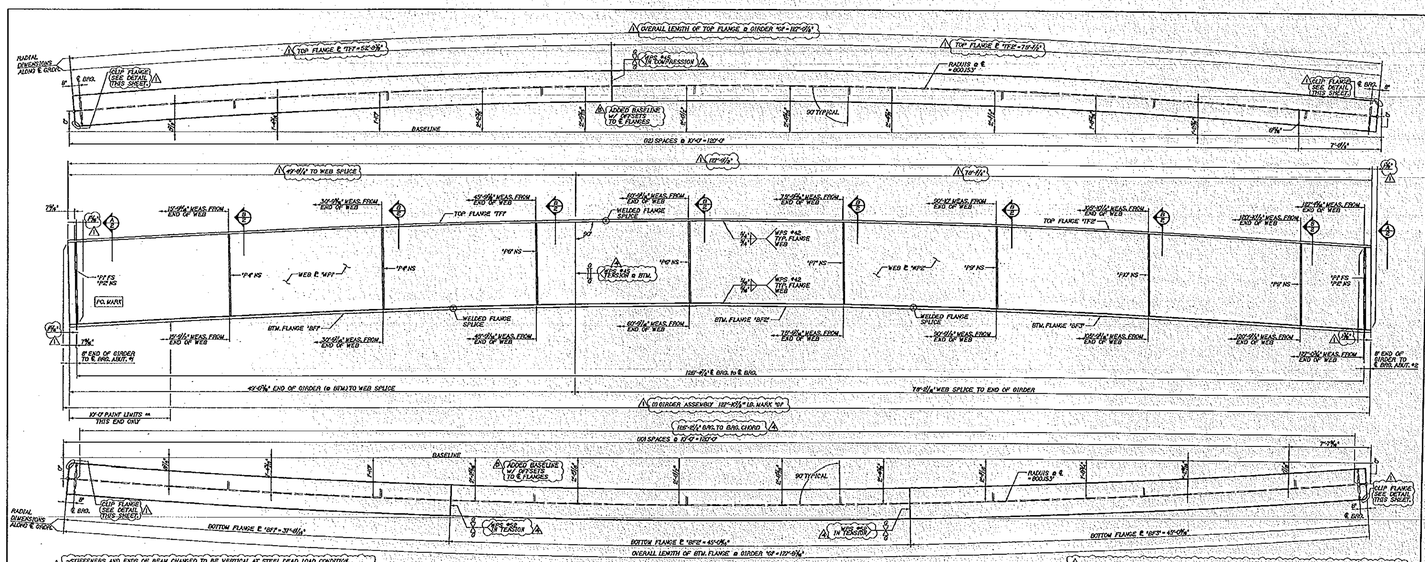
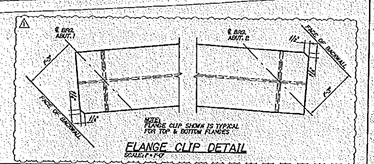


-STIFFENERS AND ENDS OF BEAM CHANGED TO BE VERTICAL AT STEEL DEAD LOAD CONDITION.
-RUNNING DIMENSIONS ADDED TO THE BOTTOM OF THE STIFFENERS.
-RUNNING DIMENSIONS ARE NOW EITHER ALONG THE CURVE AND ALONG THE CAMBER OF THE BEAM OR WHERE THE FILLET WELD BETWEEN WEB AND FLANGE WILL BE). TOP RUNNING DIMENSIONS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

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

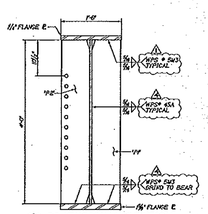
SCALE: 1"=1'-0"
HORIZONTAL DETAILS ARE DEVELOPED DIMENSIONS ARE ALONG AND CURVE
VERTICAL SCALE EXAGGERATED 5X

** FRONE WITH CARBOZINC 11HS INTERMEDIATE COAT WITH CARBOGUARD 893 TOP COAT WITH CARBOTHAVE 133 UH APPLIED IN STEP TREATMENT AS REQUIRED IN THE FIELD DUE TO DAMAGE FROM HANDLING AND ERECTION OR OTHERS.



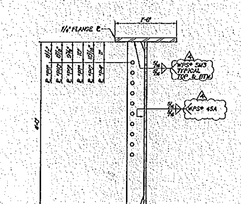
FLANGE CLIP DETAIL

SCALE: 1"=1'-0"



1/2 DIMENSIONAL SECTION

SCALE: 1"=1'-0"



1/2 DIMENSIONAL SECTION

SCALE: 1"=1'-0"

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

NOTE:
FOR CAMBER DIAGRAMS SEE SHEET "M3"

BILL OF MATERIALS

SHEET	SHEET MARK	NO. PCS.	PIECE MARK	DESCRIPTION	LENGTH	REMARKS	MATERIAL
1	G1			BRIDGE GIRDER	152'-0½"	38,252#	
		1	W71	E 3/4" x 48"	42'-0¾"	1623#	GL.50W (0/90)
		1	W72	E 3/4" x 48"	78'-3¾"	7580#	GL.50W (0/90)
		1	T71	E 1½" x 18"	52'-0½"	4040#	GL.50W (0/90)
		1	T72	E 1½" x 18"	73'-0½"	5700#	GL.50W (0/90)
		1	BF1	E 1¾" x 28"	37'-0½"	3750#	GL.70W (0/90)
		1	BF2	E 1¾" x 28"	42'-0¾"	4455#	GL.70W (0/90)
		1	BF3	E 1¾" x 28"	42'-0¾"	4455#	GL.70W (0/90)
		2	F1	SEE SHEET M1		100# EA.	
		2	F2	SEE SHEET M1		100# EA.	
		2	F4	SEE SHEET M1		34# EA.	
		2	F6	SEE SHEET M1		34# EA.	
		1	F7	SEE SHEET M1		34# EA.	
		1	F9	SEE SHEET M2		34# EA.	
		1	F10	SEE SHEET M2		34# EA.	
		1	F11	SEE SHEET M2		34# EA.	

FINISH	BSPC SPEC EXCEPT WHERE - OUTSIDE PAINT LIMITS ONLY				
MATERIAL	ASTM D 1077 (ASTM A709 GRADE 50W) (TYP)				
	ASTM A709 GRADE 50 FOR STIFF. PLATES				
HOLES	13/16" Ø U.N.O.	4	3/19/2012	AS NOTED	JJH
ELECTRODES		3	3/19/2012	BASELINE w/ OFFSETS & AS NOTED	JJH
WELDS	SEE WELDING PROCEDURE				
SURFACE PREP	BSPC SP16 + SSPC PA1 TO LIMITS	1	3/19/2012	AS NOTED	JJH
	BSPC SP16 ELSEWHERE	NO	DATE	DESCRIPTION	BY

REVISIONS

ARC
ADVANCED RESOURCES & CONST. ENTERPRISES, INCORPORATED
P.O. BOX 1310 ROCKINGHAM, VT. 05151
PHONE: (802) 463-9534 - FAX: (802) 463-4344

DRAFTER	JJH	GIRDER 1	PROJECT NO.
DATE	DEC. 2011	BRIDGE NO. 10 NORTH POWNAL	BRO 16(32)
CHECKED	ETZ	SCENIC BYD. LEMONT	DWG. NO.
DATE	JAN. 2012	T BUCK CONSTRUCTION	2