



CALCULATION PLAN FOR BRIDGE 25B

**** NOTE ****
 THE PURPOSE OF THIS DRAWING IS TO COORDINATE GEOMETRIC CONTROL INFORMATION. THIS DNG IS SUBMITTED FOR INFORMATION ONLY AND IS NOT INTENDED FOR SHOP FABRICATION.

- NOTES
1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG BOTTM OF WEB WITH CORRECTIONS MADE FOR VERTICAL CURVE, GRADE & DL CAMBER (UN).
 2. TRANSVERSE DIMENSIONS ARE IN A HORIZ. PLANE (UN).
 3. ARROW POINTS TOWARDS LOW END OF MEMBER.
 4. ENDS OF GIRDERS AND BRG. STIFF'S ARE VERTICAL AFTER DL ROTATION.
 5. CF STIFF, INT STIFF & FIELD SPLICES ARE NORMAL TO GRADE.
 6. BOTM PT NUMBERS = TOP PT NUMBERS + 300
 7. FOR LAYOUTS SEE DWG TDI.
 8. COMBINE CROSSFRAMES FOR DIFF IN DROPS OF +/- 3/16
 9. CROSSFRAMES DROPS ARE CALCULATED IN THEIR FINAL POSITION.

Line	DEVELOPED LENGTHS ALONG BTM OF WEB			GIRDER SLOPE		PLAN BEVELS	
	LEN B	LEN CL	LEN C	PIER 2	ABUT 2	P2	A2
1	69'-4 3/4	18'-0 1/4	100'-1 5/16	-.0340	-.0340	9 13/16	7 13/16
2	63'-4 13/16	23'-0 1/4	104'-8 1/8	-.0337	-.0337	9 11/16	7 11/16
3	62'-5 9/16	23'-0 1/4	104'-3 1/8	-.0334	-.0334	9 1/2	7 9/16
4	65'-6 15/16	19'-0 5/16	99'-10 5/16	-.0330	-.0330	9 3/8	7 1/2
5	60'-8 7/8	23'-0 1/4	103'-5 3/4	-.0327	-.0327	9 3/16	7 3/8
6	61'-11 1/4	23'-0 5/16	103'-1 3/8	-.0324	-.0324	9 1/16	7 1/4

RECEIVED
 CK'D BY: DIV OK'D BY: _____
 SEP 16 2002
 RESUBMIT: _____ APPROVED: _____
 BY: RRW DATE: 10-3-02

OUT FOR APPROVAL	9/3/02										
OUT FOR APPROVAL											
ISSUED TO SHOP											
FIELD & OFFICE											
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER

MATERIAL:	ELECTRODES:	HOLES:	SHOP BOLTS:
SURFACE PREP. & PAINT:			
DESCRIPTION:	CALC PLAN	DRAWN BY:	DATE
JOB:	VT. ROUTE 9 OVER DEERFIELD RIVER	WJG	06/21
	BRIDGE 25B	CHKD BY:	
	SEARSBURG, VERMONT	JAK	7/24
	CONTRACTOR: J.A. McDONALD	APPROV BY:	
		SUPERVISOR:	W. J. GATTI
PROJ NO.	NHF-010-1(18)	Q.A.	
CUSTOMER: VERMONT AGENCY OF TRANSPORTATION			
CASCO BAY STEEL STRUCTURES, INC.		JOB NO.	DRG. NO.
75 SPRING HILL ROAD SACO, MAINE 04072		167	WS2
PHONE (207) 282-7360 FAX. (207) 282-1179		REV.	△