



LEN A

CALCULATION PLAN

NOTES

1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG BOTT OF WEB WITH CORRECTIONS MADE FOR RESIDUAL CAMBER, GRADE & DL CAMBER (UN).
2. TRANSVERSE DIMENSIONS ARE IN A HORIZ. PLANE (UN).
3. DROP ARROW POINTS TOWARDS LOW END OF MEMBER.
4. ENDS OF GIRDERS AND BRG. STIFF'S ARE VERTICAL AFTER DL ROTATION.
5. CF STIFF ARE NORMAL TO GRADE.
6. BOTT PT NUMBERS = TOP PT NUMBERS + 100.
7. FOR LAYOUTS SEE "TD" SHEETS.
8. COMBINE INT. CROSSFRAMES FOR DIFF IN DROPS OF +/- 3mm
9. CROSSFRAME DROPS ARE CALCULATED IN THE 70% CAMBERED SHAPE OF THE BRIDGE.

RECEIVED
 CK'D BY: JLC DATE: 9/29/10
 SEP 02 2010
 RESUBMIT APPROVED
 BY: OPW DATE: 9/29/10

Line	LEN A	GRADE	
		ABUT 1	ABUT 2
1	44 218	-.0389	-.0477
2	44 621	-.0385	-.0473
3	45 024	-.0382	-.0468
4	45 424	-.0378	-.0464
5	45 825	-.0375	-.0460

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

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
MATERIAL:		SURFACE PREP. & PAINT:		HOLES:		SHOP BOLTS:
DESCRIPTION: CALCULATION PLAN						
CASCO BAY STEEL STRUCTURES, INC. 75 SPRING HILL ROAD SACO, MAINE 04072 PHONE (207) 282-7360 FAX. (207) 282-1179						
STRUCTURE: VT RTE 107 over STONEY BROOK BRIDGE 9 STOCKBRIDGE, VT COUNTY of WINDSOR				DRAWN: TG	DATE: 08/04	
LOCATION: STOCKBRIDGE, VT				CHKD: SF	DATE: 08/23/10	
PROJ NO. BRF 022-1(20)				JOB NO. 461		DWG NO. W51
CUSTOMER: AUSTIN CONSTRUCTION				REV.		