



**CALCULATION PLAN**

LONGITUDINAL SLOPES						
Line	ABUT 1	Pier 1 Bk	Pier 1 AHD	Pier 2 Bk	Pier 2 AHD	ABUT 2
1	.0330	.0143	.0115	-.0198	-.0185	-.0374
2	.0327	.0142	.0114	-.0196	-.0183	-.0371
3	.0324	.0141	.0113	-.0194	-.0181	-.0368
4	.0321	.0140	.0112	-.0192	-.0179	-.0364
5	.0318	.0138	.0111	-.0191	-.0177	-.0362
6	.0315	.0137	.0110	-.0189	-.0175	-.0359

**\*\* 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.

- NOTES
1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG BOTTOM OF WEB WITH CORRECTIONS MADE FOR VERTICAL CURVE, 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. BOTTOM PT NUMBERS = TOP PT NUMBERS + 200.
  7. FOR LAYOUTS SEE DWG "TD" SHEETS.
  8. DIAPHRAGM DROPS ARE CALCULATED IN THEIR FINAL POSITION.

APPROVED 4-8-04

OUT FOR APPROVAL	3-18-04								
ISSUED TO SHOP	6-7-04								
FIELD & OFFICE									

REV.	REMARKS	DATE	DWN	CHK	APP	O.A.	NO.	DIA.	LGT	TYPE	WASHER
MATERIAL:	M270-50W	ELECTRODES:		HOLES:	AS NOTED	SHOP BOLTS:	AS NOTED				

**SURFACE PREP. & PAINT:**  
 ALL STEEL WITHIN 6'-0" OF PIERS 1 & 2 SHALL BE PAINTED IN ACCORDANCE WITH THE NOTES ON GNI.

DESCRIPTION:	CALCULATION PLAN	DRAWN BY	DATE
JOB:	CENTER ST (ALT VT 122) OVER THE PASSUMPSIC RIVER	WL	02/18
	BRIDGE NO. 2, PROJ BHO 1447(26)	CHKD BY	
	LYNDON, VT (CALEDONIA COUNTY)	JTB	02/19
	CONTRACTOR: AUSTIN CONSTRUCTION	APPROV BY	
PROJ NO.	BHO 1447 (26)	SUPERVISOR	W. J. GATTI
CUSTOMER:	VERMONT A. O. T.	O.A.	

<b>CASCO BAY STEEL STRUCTURES, INC.</b>		JOB NO.	DRG. NO.
75 SPRING HILL ROAD	SACO, MAINE 04072	227	WSI
PHONE (207) 282-7360	FAX. (207) 282-1179	REV.	△