



**CALCULATION PLAN**

GRADES			
	Line	Abut 1	Abut 2
G1	FT 1	0.0146	0.0038
	FB 2	0.0146	0.0038
	NB 3	0.0152	0.0044
	NT 4	0.0152	0.0044
G2	FT 5	0.0159	0.0051
	FB 6	0.0159	0.0051
	NB 7	0.0165	0.0057
	NT 8	0.0165	0.0057
G3	FT 9	0.0172	0.0063
	FB 10	0.0172	0.0063
	NB 11	0.0178	0.0069
	NT 12	0.0178	0.0069
G4	FT 13	0.0185	0.0076
	FB 14	0.0185	0.0076
	NB 15	0.0188	0.0082
	NT 16	0.0188	0.0082

Vermont Agency of Transportation  
**RECEIVED**  
 CK'D BY TYLin OK'D BY TYLin  
 March 8, 2017  
 RESUBMIT No Approved  
 BY Kristin Higgins DATE 3/10/2017

**T.Y. LIN INTERNATIONAL**  
 THE STAMPED DOCUMENTS ARE HEREBY:  
 -X- APPROVED  
 \_\_\_\_\_ APPROVED AS NOTED  
 \_\_\_\_\_ REVISE AND RESUBMIT  
 SEE TRANSMITTAL FOR ADDITIONAL INFORMATION AS APPLICABLE.  
 THIS REVIEW IS FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT ONLY. ANY DEVIATION FROM THE PLANS OR SPECIFICATIONS NOT CLEARLY NOTED BY THE CONTRACTOR HAS NOT BEEN REVIEWED. REVIEW BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR OF THE CONTRACTUAL RESPONSIBILITY FOR ANY ERRORS OR DEVIATION FROM THE CONTRACT REQUIREMENTS.  
 JOSH OLUND March 10, 2017  
 REVIEWER DATE

**\*\* 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 TOP & BOTT OF WEB WITH CORRECTIONS MADE FOR VERTICAL CURVE, GRADE & DL CAMBER (UN).
  2. TRANSVERSE DIMENSIONS ARE IN A HORIZ. PLANE (UN).
  3. ENDS OF GIRDERS AND BRG. STIFF'S ARE VERTICAL AFTER DL ROTATION.
  4. CF STIFF & INT. STIFF ARE NORMAL TO GRADE.
  5. BOTT PT NUMBERS = TOP PT NUMBERS + 300.
  6. FOR LAYOUTS SEE SHEET TD1.

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
0						
MATERIAL:		SURFACE PREP. & PRINT:		HOLES:		SHOP BOLTS:
M270-50		SEE GNI		AS NOTED		AS NOTED
DESCRIPTION: CALCULATION PLAN						
STRUCTURE:		DRAWN:		DATE:		
VT ROUTE 110 OVER 1ST BRANCH WHITE RIVER BRIDGE NO. 9		WJG		12/12		
		CHKD:		DATE:		
		WL		12/13		
LOCATION: TOWN OF CHELSEA, ORANGE COUNTY, VT.				JOB NO.		DWG NO.
PROJ NO. BHF 0169(9)				696		WS1
CUSTOMER: CPM CONSTRUCTORS				REV.		

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