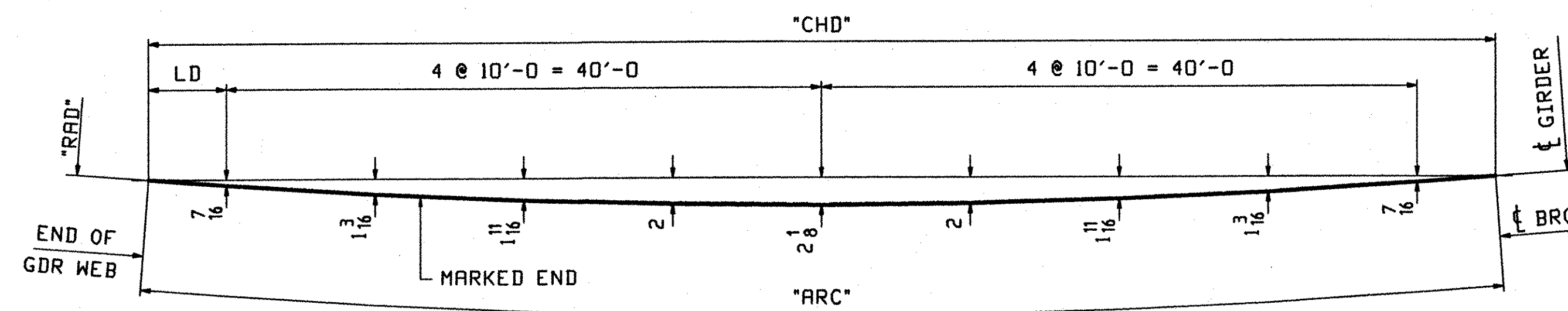
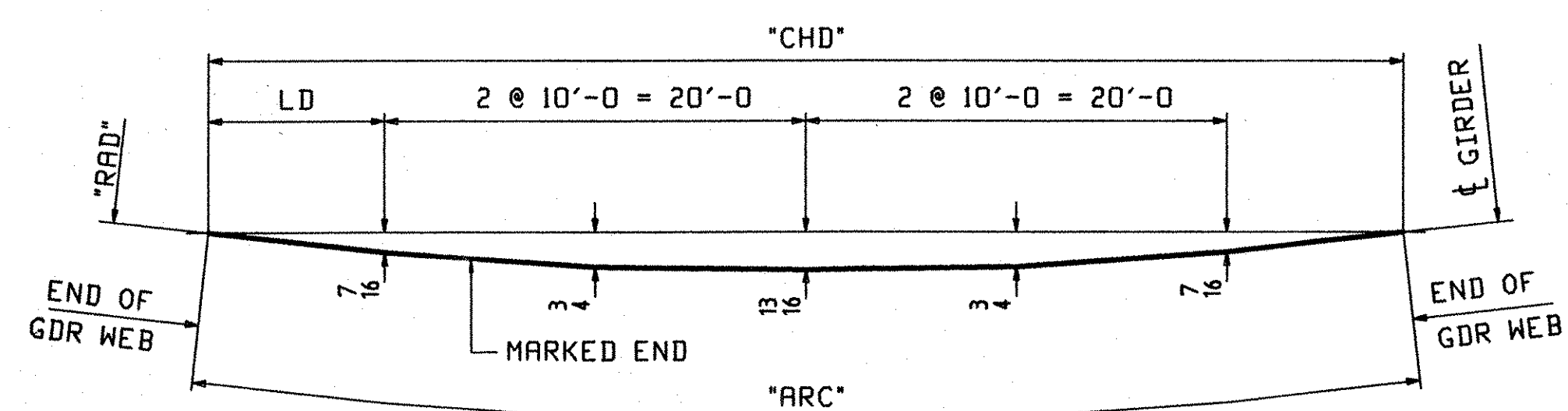


MARK	"ARC"	"CHD"	"RAD"	"LD"
G1A	86'-0 <sup>5</sup> / <sub>16</sub>	86'-0 <sup>5</sup> / <sub>16</sub>	5751.650	3'-0 <sup>1</sup> / <sub>8</sub>
G2A	85'-11 <sup>1</sup> / <sub>4</sub>	85'-11 <sup>1</sup> / <sub>4</sub>	5759.150	2'-11 <sup>5</sup> / <sub>8</sub>
G3A	85'-10 <sup>3</sup> / <sub>16</sub>	85'-10 <sup>3</sup> / <sub>16</sub>	5766.650	2'-11 <sup>1</sup> / <sub>16</sub>
G4A	85'-9 <sup>1</sup> / <sub>8</sub>	85'-9 <sup>1</sup> / <sub>8</sub>	5774.150	2'-10 <sup>9</sup> / <sub>16</sub>
G5A	85'-8 <sup>1</sup> / <sub>16</sub>	85'-8 <sup>1</sup> / <sub>16</sub>	5781.650	2'-10



MARK	"ARC"	"CHD"	"RAD"	"LD"
G1C	90'-5 <sup>3</sup> / <sub>4</sub>	90'-5 <sup>3</sup> / <sub>4</sub>	5751.650	5'-2 <sup>7</sup> / <sub>8</sub>
G2C	90'-4 <sup>3</sup> / <sub>4</sub>	90'-4 <sup>3</sup> / <sub>4</sub>	5759.150	5'-2 <sup>3</sup> / <sub>8</sub>
G3C	90'-3 <sup>3</sup> / <sub>4</sub>	90'-3 <sup>3</sup> / <sub>4</sub>	5766.650	5'-1 <sup>7</sup> / <sub>8</sub>
G4C	90'-2 <sup>3</sup> / <sub>4</sub>	90'-2 <sup>3</sup> / <sub>4</sub>	5774.150	5'-1 <sup>3</sup> / <sub>8</sub>
G5C	90'-1 <sup>3</sup> / <sub>4</sub>	90'-1 <sup>3</sup> / <sub>4</sub>	5781.650	5'-0 <sup>7</sup> / <sub>8</sub>



MARK	"ARC"	"CHD"	"RAD"	"LD"
G1B	56'-8 <sup>3</sup> / <sub>4</sub>	56'-8 <sup>3</sup> / <sub>4</sub>	5751.650	8'-4 <sup>3</sup> / <sub>8</sub>
G2B	56'-7 <sup>1</sup> / <sub>4</sub>	56'-7 <sup>1</sup> / <sub>4</sub>	5759.150	8'-3 <sup>5</sup> / <sub>8</sub>
G3B	56'-5 <sup>13</sup> / <sub>16</sub>	56'-5 <sup>13</sup> / <sub>16</sub>	5766.650	8'-2 <sup>7</sup> / <sub>8</sub>
G4B	56'-4 <sup>5</sup> / <sub>16</sub>	56'-4 <sup>5</sup> / <sub>16</sub>	5774.150	8'-2 <sup>1</sup> / <sub>8</sub>
G5B	56'-2 <sup>7</sup> / <sub>8</sub>	56'-2 <sup>7</sup> / <sub>8</sub>	5781.650	8'-1 <sup>7</sup> / <sub>16</sub>

TVGA  
Engineering, Surveying, P.C.

NO EXCEPTIONS TAKEN  REJECTED  
 FURNISH AS CORRECTED  
 REVISE AND RESUBMIT

ENGINEER has reviewed Shop Drawings and Samples and other data which Contractor is required to submit, only for conformance with the information given in the Contract Documents and consistency with the design concept of the completed Project as a Surveying where as indicated in the Contract Documents. Such review is not intended to approve, construct or to safety procedures and programs incident thereto. Contractor is responsible for interpretations to be confirmed and controlled at the job site for information that concerns safety to the fabrication processes or to techniques of construction and for coordination of the work of all trades.

BY: [Signature]  
DATE: 01-16-2002

**NOTE:**

LONGITUDINAL DIMENSIONS TAKEN ALONG  $\epsilon$  BOTTOM OF WEB.

OUT FOR APPROVAL	10-9-01										
ISSUED TO SHOP											
FIELD & OFFICE											
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGIT	TYPE	WASHER
	MATERIAL:										
	M270 GR 50W										
	ELECTRODES:										
	HOLES:										
	SHOP BOLTS:										
SURFACE PREP. & PAINT:											
-STEEL WITHIN 10'-0" OF ABUT 2 SHALL BE PAINTED (SEE GN501)											
-ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.											
DESCRIPTION:	HORIZONTAL CURVE DIAGRAMS								DRAWN BY	DATE	
JOB:	BRIDGE NO. 50N I-89 NB OVER U.S. ROUTE 2 I-89 IMPROVEMENTS TOWN OF MIDDLESEX-BOLTON, VERMONT								JAK	08/16	
									CHKD BY		
									MMJ	8/20	
									APPROV BY		
									SUPERVISOR	W. J. GATTI	
PROJ NO.	IM-089-2(26)								Q.A.		
CUSTOMER:	VERMONT AGENCY OF TRANSPORTATION										
<b>CASCO BAY STEEL STRUCTURES, INC.</b>										JOB NO.	DRG. NO.
75 SPRING HILL ROAD										123-50N	HC601
PHONE (207) 282-7360											
SACO, MAINE 04072										REV.	$\Delta$
FAX. (207) 282-1179											