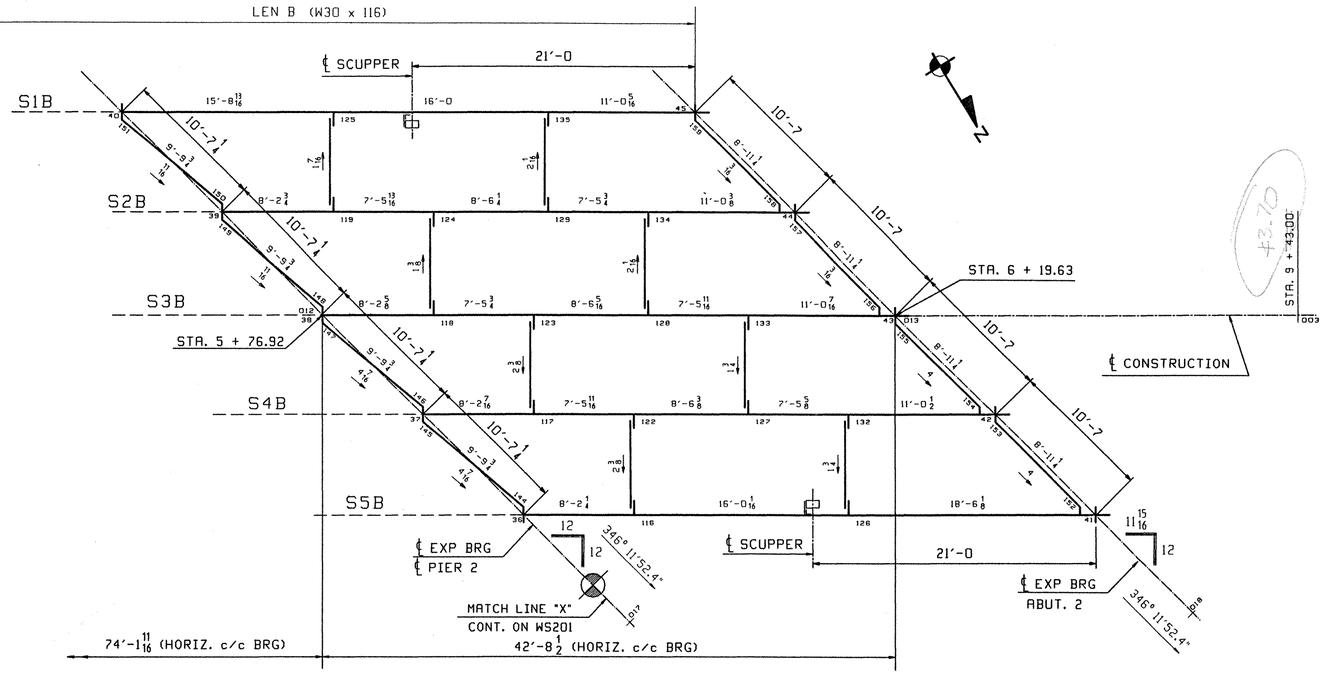
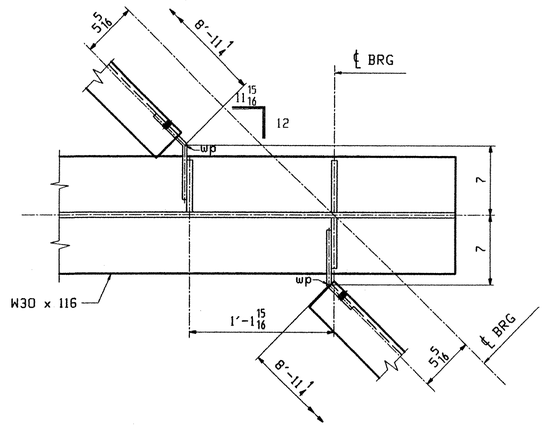


SPAN 3



DIAPHRAGM WORKPOINTS @ ABUT 2

CALCULATION PLAN FOR 43N

	DEV ALONG BTM OF STRINGER		GRADE	
Line	LEN BL	LEN B	Pier 2	ABUT 2
1	61'-11 7/16	104'-8 9/16	-.0284	-.0388
2	61'-11 3/16	104'-8 1/8	-.0289	-.0380
3	61'-10 7/8	104'-7 11/16	-.0289	-.0380
4	61'-10 9/16	104'-7 3/16	-.0289	-.0380
5	61'-10 5/16	104'-6 3/4	-.0285	-.0410

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 compatibility with the design concept of the completed Project as a functioning whole as indicated in the Contract Documents. Such reviews do not extend to means, methods, techniques, sequences or procedures of construction or to safety precautions and programs incident thereto. Contractor is responsible for dimensions to be confirmed and correlated at the job site; for information that pertains solely to the fabrication processes or to techniques of construction; and for coordination of the work of all trades.

BY: [signature]
DATE: 11-06-2001

**** 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 BOTT OF STRINGER 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 STRINGERS AND BRG. STIFF'S ARE VERTICAL AFTER DL ROTATION.
5. DIAPH STIFF & FIELD SPLICES ARE NORMAL TO GRADE.
6. BOTT PT NUMBERS =TOP PT NUMBERS + 200.
7. FOR LAYOUTS SEE DWG TD201.
8. COMBINE CROSSFRAMES FOR DIFF IN DROPS OF +/- 1/8.
9. CROSSFRAMES DROPS ARE CALCULATED IN THEIR FINAL POSITION.
10. WP's AT ℄ OF BENT PLATE.

OUT FOR APPROVAL	3-5-01										
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:
M270 GR 50W		15/16 ø (UN)	7/8 ø (UN)

SURFACE PREP. & PAINT:
-STEEL WITHIN 10'-0 OF ABUT 2 SHALL BE PAINTED (SEE GN1)
-ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.

DESCRIPTION: CALCULATION PLAN	DRAWN BY	DATE
JOB: BRIDGE NO. 43N I-89 SB OVER U.S. ROUTE 2 I-89 IMPROVEMENTS TOWN OF MIDDLESEX-BOLTON, VERMONT TENSOR 2106-N	WL	01/22
	CHKD BY	
	JAK	01/24
	APPROV BY	
	SUPERVISOR	W. J. GATTI
PROJ NO. IM-089-2(26)	Q.A.	
CUSTOMER: VERMONT AGENCY OF TRANSPORTATION		

CASCO BAY STEEL STRUCTURES, INC.
75 SPRING HILL ROAD SACO, MAINE 04072
PHONE (207) 282-7360 FAX. (207) 282-1179

JOB NO.	DRG. NO.
117-43N	WS202
	REV. △