



FIELD BOLT LIST				A325 Type 3 BOLTS				WASH CODE		PIECES CONNECTED AND REMARKS
LINE	NO REQ'D.	BOLT DIA.	BOLTS # OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED					
1									FIELD SPLICES	
2									F.S. 1	
3	200	7/8	4	40	5	2	5/8	1 1/4	5/8	1 TOP FLG SPLICE
4	240	7/8	3	48	5	1 1/2	1/2	1/2	1/2	1 WEB SPLICE
5	200	7/8	4	40	5	2 1/2	5/8	1 1/4	5/8	1 BTH FLG SPLICE
6										
7									F.S. 2	
8	200	7/8	4	40	5	2 3/8	5/8	5/16	5/8	1 TOP FLG SPLICE
9	240	7/8	3	48	5	1 1/2	1/2	1/2	1/2	1 WEB SPLICE
10	200	7/8	4	40	5	2 1/8	5/8	5/16	5/8	1 BTH FLG SPLICE
11										
12									INT. DIAPHRAGMS	
13	400	7/8	2 1/4	5	80	1 3/8	5/16	1/2		1 WEB TO CONN PL
14										
15									PIER DIAPHRAGMS	
16	80	7/8	2 3/4	5	16	3/8	1/2	7/8		1 GUSSET TO CONN PL
17										

WASHER CODES

1: 1 Hard Flat Washer

FIELD BOLT LIST				A325 Type 1 GALV. BOLTS				WASH CODE		PIECES CONNECTED AND REMARKS
LINE	NO REQ'D.	BOLT DIA.	BOLTS # OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED					
18									ABUT DIAPHRAGMS	
19	40	7/8	2 3/4	5	8	1 3/8	1/2	7/8		1 GUSSET TO CONN PL
20	40	7/8	2 1/4	5	8	1 3/8	1/2	5/16		1 GUSSET TO DIAPH WEB

WASHER CODES

1: 1 Hard Flat Washer

WORK THIS DWG WITH DWG E601

OUT FOR APPROVAL	10-9-01									
ISSUED TO SHOP										
FIELD & OFFICE										

REV.	REMARKS	DATE	DWN	CHK	APP	O.A.	NO.	DIA.	LGT	TYPE	WASHER
	MATERIAL:										
	M270 GR 50W										
	ELECTRODES:										
	HOLES:										
	15/16 Ø (UN)										
	SHOP BOLTS:										
	7/8 Ø (UN)										

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:	SECTION	DRAWN BY	DATE
JOB:	BRIDGE NO. 50N	BW	09/26
	I-89 NB OVER U.S. ROUTE 2	CHKD BY	
	I-89 IMPROVEMENTS	DO	10/1
	TOWN OF MIDDLESEX-BOLTON, VERMONT	APPROV BY	
		SUPERVISOR	H. J. GATTI
PROJ NO.	IM-089-2(26)	O.A.	

CUSTOMER: VERMONT AGENCY OF TRANSPORTATION

CASCO BAY STEEL STRUCTURES, INC. JOB NO. DRG. NO.
 75 SPRING HILL ROAD SACO, MAINE 04072 123-50N E602
 PHONE (207) 282-7360 FAX. (207) 282-1179 REV. Δ

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 compliance with the design concept of the Contract Documents. Such review shall extend to means, method, technique, equipment or procedures of construction or to safety practices and programs incident thereto. Contractor is responsible for dimensions to be achieved and compliance at the job site; for information that pertains solely to the construction processes or to techniques of construction; and for coordination of the work of all trades.

BY: MAJ
 DATE: 07-14-2002