

FIELD BOLT LIST										A325 Type 3 BOLTS				
LINE	NO. REQ'D.	BOLT DIAM.	BOLT LEN.	BOLTS /CONN.	# OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED					WASH CODE	PIECES CONNECTED AND REMARKS	
1														FIELD SPLICE 1
2	400	7/8	4 3/4	80	5	3 1/4	5/8	2	5/8				1	TOP FLANGE SPLICE
3	420	7/8	3 1/4	84	5	1 7/8	5/8	5	5/8	5/8			1	WEB SPLICE
4	400	7/8	5	80	5	3 1/2	5/8	2 1/4	5/8				1	BOTTOM FLANGE SPLICE
5														
6														FIELD SPLICE 2
7	280	7/8	4 3/4	56	5	3 1/4	5/8	2	5/8				1	TOP FLANGE SPLICE
8	360	7/8	3 1/4	72	5	1 7/8	5/8	5	5/8	5/8			1	WEB SPLICE
9	280	7/8	4 3/4	56	5	3 1/4	5/8	2	5/8				1	BOTTOM FLANGE SPLICE
10														
11														ABUT 1 & PIER DIAPHRAGMS
12	128	7/8	2 3/4	8	16	5/16	7/16	7/8					1	DIAPHRAGM WEB TO BRG STIFFENER
13														
14														INT. DIAPHRAGMS
15	640	7/8	2 1/2	8	80	1/16	7/16	5/8					1	DIAPHRAGM WEB TO CONNECTION PLATE

WASHER CODES

1: 1 Hard Flat Washer

FIELD BOLT SUMMARY						2 1/2 + 2 ADDED, MIN. 2 EXTRA	
LINE	NO. OF BOLTS	BOLT DIAM.	TYPE	BOLT LEN.	ACTUAL COUNT	REMARKS	
1	655	7/8	A325 Type 3	2 3/4	640		
2	133	7/8		2 3/4	128		
3	798	7/8		3 1/4	780		
4	981	7/8		4 3/4	960		
5	410	7/8	A325 Type 3	5	400		
6							
7	2977	Hard Flat Washers for 7/8 Ø BOLT			F436-3		
8							
9							
10	67	7/8	A325 Type 1	2 3/4	64	GALVANIZED	
11							
12	67	Hard Flat Washers for 7/8 Ø BOLT			GALVANIZED (F436)		
13							

FIELD BOLT LIST										A325 Type 1 BOLTS (GALV)				
LINE	NO. REQ'D.	BOLT DIAM.	BOLT LEN.	BOLTS /CONN.	# OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED					WASH CODE	PIECES CONNECTED AND REMARKS	
16														ABUT 2 DIAPHRAGMS
17	64	7/8	2 3/4	8	8	5/16	7/16	7/8					1	DIAPHRAGM WEB TO BRG STIFFENER

WASHER CODES

1: 1 Hard Flat Washer

RECEIVED
 OK'D BY: WDL OK'D BY: AWC
 MAY 15 2008
 RESUBMIT _____ APPROVED _____
 BY _____ DATE _____

0					5-12-08	
REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
MATERIAL:		SURFACE PREP. & PAINT:		HOLES:		SHOP BOLTS:
DESCRIPTION: FIELD BOLTS						
CASCO BAY STEEL STRUCTURES, INC. 75 SPRING HILL ROAD SACO, MAINE 04072 PHONE (207) 282-7360 FAX. (207) 282-1179						
STRUCTURE: TH24 over Hoosic River BRIDGE NO. 41 POWNAL, VERMONT COUNTY OF BENNINGTON				DRAWN: JTB	DATE: 04/25	
				CHKD: TM	DATE: 05/05	
LOCATION: TOWN OF POWNAL				JOB NO.	DWG NO.	
PROJ NO. BRZ 1441 (19) C/2				367	E2	
CUSTOMER: VERMONT AGENCY OF TRANSPORTATION					REV. <input type="checkbox"/>	

WORK THIS DRAWING WITH DRAWING E1

JTB 104 Rev. 6 18/05E E01 0008 -CHERRY/JMB/ST/CEC 1 Rev.0