FIELD BOLTS

SPECIFICATIONS:

CONNECTION	LENGTH
LENGTH	
SUBTOTAL ADD 2%	
TOTAL	
ITEM NO.	
WEIGHT	

NUTS & WASHERS	NUTS	PLAIN WASHERS	BEVELED WASHERS
QTY. & ITEM NO.			
WEIGHT			

FIELD BOLTS

CONNECTION	LENGTH
LENGTH	
SUBTOTAL ADD 2%	
TOTAL	
ITEM NO.	
WEIGHT	

NUTS & WASHERS	NUTS	PLAIN WASHERS	BEVELED WASHERS
QTY. & ITEM NO.			
WEIGHT			

FIELD BOLTS

SPECIFICATIONS: $\frac{7}{8}\phi$ ASTM A325–TYPE 1 HS BOLTS, WASHERS F436–1, & A563 GRADE DH HVY HEX NUTS – GALV B695–50

CONNECTION	LENGTH $2\frac{3}{4}$
END CROSS FRAMES – ABUT # 1	120
LENGTH	$2\frac{3}{4}$
SUBTOTAL ADD 2% MIN 10	120 10
TOTAL	130
ITEM NO.	3/11
WEIGHT	89

NUTS & WASHERS	NUTS	PLAIN WASHERS	BEVELED WASHERS
QTY. & ITEM NO.	130 3/12	130 3/13	
WEIGHT	39	9	

FIELD BOLTS

WORK ORDER NO. 15713

DWG. NO. 99–1 △1

SPECIFICATIONS: $\frac{7}{8}\phi$ ASTM A325–TYPE 3 HS BOLTS, WASHERS F436–3, & A563 GRADE C3 HVY HEX NUTS

CONNECTION	LENGTH $2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{4}$	$3\frac{3}{4}$	2
FLANGE SPLICE				672	
WEB SPLICE			1008		
END CROSS FRAMES – ABUT # 2		120			
INTERMEDIATE CROSS FRAMES	1440				
PIER CROSS FRAMES		120			
△1 FLEMMING BKTS					292
△1					
LENGTH	$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{4}$	$3\frac{3}{4}$	2
SUBTOTAL ADD 2% MIN 10	1440 28	240 10	1008 20	672 13	292 10
TOTAL	1468	250	1028	685	302
ITEM NO.	3/3	3/4	3/5	3/6	3/13
WEIGHT	942	171	787	581	171

NUTS & WASHERS	NUTS	PLAIN WASHERS	BEVELED WASHERS
QTY. & ITEM NO. △1	3733 3/7	3733 3/8	
WEIGHT △1	1109	265	

△1 TOTAL SHEET WEIGHT 4074 #

PROOF LOAD TEST
ROTATIONAL CAPACITY TEST

△1 ADD FLEMMING BKT BOLTS 3-6-97 JCM

ITEM NO. 506.55 | BR. NO. 44 | PROJ. NO. BRS–RS 0113 (8)

TITLE: FIELD BOLTS

APPROVED: PRINT DIST.		
5	10-14-96	APPR.
ORIG.	12-3-96	FAB.
5	1-28-96	APP
ORIG.	4-3-97	VAT

National Eastern Corporation
Plainville, Connecticut

JOB: U.S. ROUTE 5 OVER BLACK RIVER
SPRINGFIELD, VERMONT

CUSTOMER: WINTERSETT, INC.

DESIGNER: VERMONT AGENCY OF TRANSPORTATION

			WORK ORDER NO.	DRAWING NO.	REV.
CHECKED	10/96	CSD	15713	99–1	1
DRAWN	10/96	CSD			