

Made by: EA	Date: 4/28/23	Project No: I	P402200084	
Checked by: BTA	Date: 8/28/23	Sheet No:	20 of 47	
Back Ck by: EA	Date: 8/29/23			
Project: HAM-50-29.0	00			
Subject: Bridge No. I	-IAM-50-29.280 Quantities	i		

513	Ext.:	20000	Unit:_	EACH	
Item Description: WEI	DED STU	SHEAR CO	NNECTORS -		
Member Location :					

	No. in row No						
Beam 1-7	3	291 294		6111	EACH		
Beam 8-14	3	294	7	6174	EACH		
		Total		12285		12285	EACH
					TOTAL	12285	EACH



Made by: EA	Date: 4/28/23	Project No: I	P402200084	
Checked by: BTA	Date: 8/28/23	Sheet No:	21 of 47	
Back Ck by: EA	Date: 8/29/23			
Project: HAM-50-29.0	00			
Subject: Bridge No. I	-IAM-50-29.280 Quantities	1		

513	Ext.:	90000	Unit:	LB	
Item Description: ST	RUCTURAL	STEEL, MISC	: MOMENT PLA	TE RETROFIT	
Member Location :		<u> </u>	<u> </u>		

	Quantity							
	56							
	Quantity	Thick (IN)	Height (IN)	Width (IN)	<u>(LB)</u>			
5/8x10 1/2x 2'-1"	1.00	0.63	25.00	10.50	2605.25			
3/4x10 1/2x4'-2"	1.00	0.75	50.00	10.50	6252.60			
7/8x4 1/2 x 4'-2"	2.00	0.88	50.00	4.50	6252.60			
					15110.16			
				Total	15110.46			
Bolts etc				25%	3,777.62			
					5,,,,,,			
				Total	10000 00	10000	LD	
				Total	18888.08	18888	LB	
					TOTAL	18889	LB	



Made by: EA	Date: 4/28/23	Project No: F	P402200084
Checked by: BTA	Date: 8/28/23	Sheet No:	22 of 47
Back Ck by: EA	Date: 8/29/23		
Project: HAM-50-29.0	00		
Subject: Bridge No. F	IAM-50-29-280 Quantitie	25	

	513	Ext.:	9503	0	Unit:	EACH	<u> </u>
Item	Description:	STRUCTURAL	STEEL,	MISC	.: FIELD DRIL	LING HOL	LES
dem t	per Location :						

						ļ
Bearing Vent Holes		112	EACH			
Web holes for reinforcen	nent	84	EACH			
	Tatal	100			100	FACIL
	Total	196			196	EACH
				TOTAL	196	EACH



Made by: EA	Date: 4/28/23	Project No: F	P402200084	
Checked by: BTA	Date: 8/28/23	Sheet No:	23 of 47	
Back Ck by: EA	Date: 8/29/23			
Project: HAM-50-29.0	00			
Subject: Bridge No. F	IAM-50-29-280 Quantitie	ıs		

513 Ext.: 95030 Item Description: STRUCTURAL STEEL, MIS Member Location :		EACH DIFICATION		
Bearing beam coping	28	EACH		
Total	28		28	EACH

TOTAL