

	FAP 774	5555710+4 1078-2	EFFINGHAM	344	328	SHEET NO. 7 8 SHEETS
	FED. ROAD D		ILLINOIS FED. AID	[	L	
		CON	NTRACT NO.	94827		
	<i>,.</i>		DTES			c
nation A s	500 Grad	te B S	nform to the tructural Ste	el Ťubir	ng and	
steel shap	oes and j	plates	nts of 15 ft- shall conform	n to the	requir	
270 Grad 270, Grad		cept po	osts and angl	les shali	confoi	rm to
			conform to high strengt			
n shall con nuts, cap	form to screws,	AASH7 washe	TO M 164. ers and lock	washer	s shall	be
according	to AASH	то м 2	232. hor devices d			
fter shop	fabricat	tion ac	cording to A not be painte	ASHTO		
nall be acc	cording to	o Secti	ion 509 of fl I will be paid	he Stan		ntract
er foot fa	or STEEL	l RAIL	LING, TYPE : ted with an c	S-1.		
e erection.			nge in contac			
coats of	asphalt j	paint c	conforming to ween the pos	Section	n 1060.	07 Type II
∮ high str	ength bo	lts use	d to connect ding to Artic	the 6	x 4 x	3 <sub>4</sub> angles
pecification	ns. The	1'' ¢ i	high strength			
to the nor	norata ch	all ho				
al ' <sub>8</sub> turn.	The <sup>5</sup> 8		tightened to p screws in	a snug	fit ana	given
al I <sub>B</sub> turn. o a snug f i~span brid	The <sup>5</sup> 8' "It only. Iges, suf	'' ¢ ca Ticient	tightened to p screws in $I_{4}$ x 6" x	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
al l <sub>8</sub> turn. o a snug f i~span brid s shall be j	The <sup>5</sup> 8' "it only. dges, suf provided	″φ ca ficient to aligi	tightened to p screws in	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
al l <sub>8</sub> turn. o a snug f i-span brid s shall be p	The <sup>5</sup> 8' "it only. dges, suf provided	″φ ca ficient to aligi	tightened to p screws in l <sub>4</sub> " x 6" x n rail betwee	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
al l <sub>8</sub> turn. o a snug f i-span brid s shall be p	The <sup>5</sup> 8' "it only. dges, suf provided	″φ ca ficient to aligi	tightened to p screws in l <sub>4</sub> " x 6" x n rail betwee	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
al l <sub>a</sub> turn. o a snug f i-span brid shall be p	The <sup>5</sup> 8' "it only. dges, suf provided	″φ ca ficient to aligi	tightened to p screws in l <sub>4</sub> " x 6" x n rail betwee	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
al l <sub>a</sub> turn. 5 a snug f '-span bric shall be p	The <sup>5</sup> 8' "it only. dges, suf provided	″φ ca ficient to aligi	tightened to p screws in l <sub>4</sub> " x 6" x n rail betwee	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
nl l <sub>8</sub> turn. 5 a snug f -span brid shall be j	The <sup>5</sup> 8' "it only. dges, suf provided	″φ ca ficient to aligi	tightened to p screws in l <sub>4</sub> " x 6" x n rail betwee	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
al la turn. o a snug f -span bria shall be p od with ST	The <sup>5</sup> 8' lit only. dges, suf provided EEL RA	" φ ca, Ficient to aligi IL ING,	tightened to p screws in '4'' x 6'' x n rail betwee TYPE S-1.	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
$-5_{g}" \phi x$ with flat	The <sup>5</sup> g <sup>i</sup> lt only. dges, suf crovided 'EEL RA 1 <sup>3</sup> 4" Cap	" φ ca, ficient to align ILING, ILING, Screw & <sup>3</sup> 4"	tightened to p screws in I <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1.	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
$5_{g'}^{f} \phi x$ $5_{g'}^{f} \phi x$ $5_{g'}^{f} \phi x$ with flat X pipe s	The <sup>5</sup> g <sup>'</sup> il only. dges, suf perovided "EEL RA "EEL RA "1 <sup>3</sup> 4" Cap " washer spacer, <sup>1</sup> 2	" φ ca, ficient to align ILING, ILING, Screw & <sup>3</sup> 4"	tightened to p screws in I <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1.	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
<sup>-5</sup> <sup>8</sup> " φ x with flat X pipe s	The <sup>5</sup> g <sup>'</sup> Tit only. dges, suf provided "EEL RA "EEL RA " t washer spacer, <sup>1</sup> 2 <u>CTION</u>	" φ ca, ficient to align ILING, ILING, Screw & <sup>3</sup> 4"	tightened to p screws in I <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1.	a snug bottom 1'-2'' g	fit ana of posi galvaniz	f given ts shall be ed
al $l_{B}$ turn. b a snug f - span brick shall be p ed with ST - $5_{g}$ " $\phi \times with flat$	The <sup>5</sup> g <sup>'</sup> Tit only. dges, suf provided "EEL RA "EEL RA " t washer spacer, <sup>1</sup> 2 <u>CTION</u>	" φ ca, ficient to alig ILING, ILING, & <sup>3</sup> 4" 2" long	tightened to p screws in I <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1.	a snug bottom 1'-2'' g n adjac	fit ana of post galvaniz ent spo	f given ts shall be ed
I <sup>l</sup> <sub>a</sub> turn. a snug f span bric shall be <u>j</u> d with ST -5 <sub>8</sub> " ¢ <u>x</u> with flat <u>x</u> pipe s <u>CONNE</u>	The <sup>5</sup> g <sup>'</sup> Tit only. dges, suf provided "EEL RA "EEL RA " t washer spacer, <sup>1</sup> 2 <u>CTION</u>	<sup>γ</sup> φ ca, ficient to alig IL ING, IL ING, Screw & <sup>3</sup> 4" 2" long	tightened to p screws in I <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1. V ¢	a snug bottom 1'-2'' g n adjac	fit ana of post palvaniz ent spo <u>PRIAL</u>	' given ts shall be ed ans.
-5 <sub>8</sub> " ¢ x with flat CONNE	The <sup>5</sup> g <sup>'</sup> it only. Iges, suf Tech RA <sup>13</sup> 4" Cap <sup>1</sup> washer <sup>1</sup> spacer, <sup>1</sup> 2 <u>CTION</u> <u>T.</u>	<sup>γ</sup> φ ca, ficient to alig IL ING, IL ING, Screw & <sup>3</sup> 4" 2" long <u>β</u> <u>I</u> I	tightened to p screws in I <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1.	a snug bottom 1'-2'' g n adjac MATE. Unit	fit ana of post advaniz ent spo RIAL Que	f given ts shall be ed
<sup>-5</sup> <sup>8</sup> " φ x with flat CONNE	The <sup>5</sup> g <sup>'</sup> it only. Iges, suf Tech RA <sup>13</sup> 4" Cap <sup>1</sup> washer <sup>1</sup> spacer, <sup>1</sup> 2 <u>CTION</u> <u>T.</u>	<sup>γ</sup> φ ca, ficient to alig IL ING, IL ING, Screw & <sup>3</sup> 4" 2" long <u>β</u> <u>I</u> I	tightened to p screws in I <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1. V ¢ P <u>ILL OF I</u> tem	a snug bottom 1'-2'' g n adjac MATE. Unit	fit ana of post advaniz ent spo RIAL Que	' given ts shall be ed ms.
$I_{g}$ turn. a snug f span bric span br	The <sup>5</sup> g'it only. dges, suf provided EEL RA twasher spacer, <sup>1</sup> / <sub>2</sub> <u>CTION</u> <u>T.</u>	<sup>γ</sup> φ ca, flicient to align IL ING, IL ING, Screw & <sup>3</sup> <sub>4</sub> " z" long <u><u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u></u>	tightened to p screws in I <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1. TYPE S-1.	a snug bottom 1'-2'' g in adjac <b>MATE</b> . Unit Foot	fit and of post palvaniz ent spo RIAL Que	t given ts shall be ed ans.
s furn. a snug f span bric span bric shall be $u$ d with ST d with ST f with flat X pipe s <u>CONNE</u> $G$ <u>SION</u> $J$ $\overline{O^{\circ} F}$ .	The <sup>5</sup> g <sup>'</sup> if only. dges, suf Trovided EEL RA <sup>13</sup> 4" Cap <sup>4</sup> washer spacer, <sup>1</sup> 2 <u>CTION</u> <u>T.</u>	<sup>γ</sup> φ ca, ficient fto alig IL ING, IL ING, Screw & <sup>3</sup> 4" 2" long <u>B</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>F</u>	tightened to p screws in l <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1. PILL OF I tem ng Type S-1 S-1 STE	a snug bottom 1'-2'' g n adjac <b>WATE</b> . <b>WATE</b> .	fit and of post palvaniz ent spo RIAL Que PAILI	r given ts shall be ed ans. notity 22
<sup>1</sup> <sup>b</sup> turn. a snug f span bric span bric shall be μ d with ST -5 <sub>8</sub> " φ x with flat X pipe s <u>CONNE</u> 0 <u>SION</u> J 0° F.	The <sup>5</sup> g <sup>it</sup> only. dges, suf Tech RA <sup>13</sup> 4" Cap washer spacer, <sup>12</sup> <u>CTION</u> <u>T.</u> Stee T 200th	<sup>γ</sup> φ ca, ficient to alig IL ING, IL ING, Screw & <sup>3</sup> / <sub>4</sub> " 2" long <u>B</u> <u>Ti</u> εl Railit	tightened to p screws in l <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1. <u>S-1 STE</u> <u>REET OVE</u>	a snug bottom 1'-2'' g n adjac MATE VATE Foot	fit and of post palvaniz ent spo RIAL Que 2 RIAL REEN	nntity 22 NG CREEK
I ' <sub>B</sub> turn. a snug f span bric span bric shall be u d with ST -5 <sub>g</sub> " \$ x with flat X pipe s <u>CONNE</u> <u>SION J</u> 0° F. knut	The <sup>5</sup> g <sup>it</sup> only. dges, suf Tech RA <sup>13</sup> 4" Cap washer spacer, <sup>12</sup> <u>CTION</u> <u>T.</u> Stee T 200th	<sup>γ</sup> φ ca, ficient to align IL ING, IL ING, Screw & 3 <sub>4</sub> " 2" long <u>B</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>Ti</u>	tightened to p screws in I <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1. <u>RELL OF I</u> <u>tem</u> ng Type S-1 S-1 STE REET OVE S-1 STE REET OVE S-1 STE REET OVE	a snug bottom 1'-2" g n adjac WATE Unit Foot EL R ER GF ECTIN I COU	fit and of post palvaniz ent spo RIAL Que 2. PAILI REEN ON IC NTY	nntity 22 NG CREEK
I 's turn. a snug f span bric span bric shall be u d with ST -5 <sub>8</sub> " $\phi$ x with flat X pipe s <u>CONNE</u> ( <u>SION J</u> 0° F. knut	The <sup>5</sup> g <sup>it</sup> only. dges, suf Tech RA <sup>13</sup> 4" Cap washer spacer, <sup>12</sup> <u>CTION</u> <u>T.</u> Stee T 200th	<sup>γ</sup> φ ca, ficient to align IL ING, IL ING, Screw & 3 <sub>4</sub> " 2" long <u>B</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>Ti</u> <u>Ti</u>	tightened to p screws in I <sub>4</sub> '' x 6'' x n rail betwee TYPE S-1. <u>RILL OF I</u> <u>tem</u> ng Type S-1 S-1 STE REET OVE C. 774, S	a snug bottom 1'-2" g in adjac MATE Unit Foot EEL R ER GF ECTIU A COU 04+3	fit and of post palvaniz ent spo RIAL Que 2. PAILI REEN ON 10 NTY 3.91	nntity 22 NG CREEK

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