

Baker Engineering, Inc

					CONTRACT N	0. 630
		F.A.P. RTE.	SECTION	COUNTY	TOTAL	
			06-00214-20-BR		320	130
			L	TO STA. 609		L
		FED. R	DAD DIST. NO. 7 ILLIN	OIS FED. AIL	PROJECT	
M II be of an appr angth of the lapp inimum 60 ksi yid II be lapped and II be epoxy coate esign may be su esst results from s the following r bity = 1.25 x fy out Strength = bos) th of lapped relings s area of lapped relings	bed reinforceme bld strength, th tled to the spi ed according to bmitted to the L an approved te equirements: x A _t 0.66 x fy x p offorcement bars	nt bars. readed of licer rods the requ Engineer esting lab A _t 5 in ksi.	r colled full f or dowel ba ilrements for for approval.	ength. rs. Approva	1	
ete BAR SPLIC	ER ASSEMBLI	ËS				
Splicer Rod or wel Bar Length	Strengt					
	Min. Capacity kips - tension		l-Out Strengt - tension	ħ		
1'-8''	14.7		7.9			
2'-0"	23.0		12.3			
2'-7"	33.1		17.4			
3'-5"	45.1		23.8			
4'-6"	58.9		31.3			
5'-9''	75.0		39.6			
7'-3"	95.0		50.3			
9'-0''	117.4		61.8			
onstruction		onstructio ge II Col	n Line Instruction			
ded or Coil Couplers (E)		eaded or icer Rods		Reinforco Bars	ement	ı

STANDARD

<u>1'2''</u> cl.

Bar Size	No. Assemblies Required	Location		

E	REVISION		ILLINOIS DEPARTMENT OF TRANSPORTATION			
L	NAME	DATE				
F			BAR SPLICER ASSEMBLY DETAILS			
F						
-			STEARNS ROAD PUBLIC OVER THE FOX RIVER WATERS			
			STRUCTURE NUMBER 045-3166 KANE COUNTY FAP 361 SECTION 06-00214-20-BR			
			STATION 571+42.96 DESIGNED: GWG DRAWN: SGW			
F			DATE: JANUARY 16, 2009 CHECKED: KPZ CHECKED: KPZ			