

BAR SPLICER ASSEMBLIES								
e to ced	Splicer Rod or Dowel Bar Length	Strength Requirements						
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension					
	1'-8''	14.7	7.9					
	2'-2''	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					

Bar Size	No. Assemblies Required	Location		
#4 (E)	4	Abut. Diaph. Corbel		
#5 (E)	498	Bridge and Approach Constr. Jt.		
#6 (E)	12	Abut Dia. Constr. Jt.		
#7 (E)	16	N. & S. Abut Constr. Jt.		

BAR SPLICER ASSEMBLY DETAILS STRUCTURE NO. 101-0184

ET NO.20	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
OF	742	34BR-1	WINNEBAGO	78	55	
SHEETS	CONTRACT NO. 64E68			E68		
	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT					