



Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required =

NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.

Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length. All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.

BAR SPLICER ASSEMBLIES								
	Splicer Rod or Dowel Bar Length	Strength Requirements						
ar Size to be Spliced			Min. Pull-Out Strength kips – tension					
#4	1'-8''	14.7	7.9					
#5	2'-2''	23.0	12.3					
#6	2'-7''	33.1	17.4					
#7	3′-5′′	45.1	23.8					
#8	4'-6''	58.9	31.3					
#9	5′-9′′	75.0	39.6					
#10	7'-3''	95.0	50.3					
#11	9'-0''	117.4	61.8					

Bar Size	No. Assemblies Required	Location		
#6	16	Diaphragms		
#5	283	Deck		
#7	22	Abutments		

5 NO. <i>1</i> 7 -	F.A.P. Rte.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	793	40BR-1	MADISON	72	49		
HEETS		S.N. 060-0341	CONTRACT	NO. 76	A36		
	FED. ROAD DIST. NO ILLINOIS FED. AID PROJECT						