

blies shall be of an approved type and shall develop in tension at lea	st
vield strength of the lapped reinforcement bars.	
be of minimum 60 ksi yield strength, threaded or coiled full length.	
bars shall be lapped and tied to the splicer rods or dowel bars.	
blies shall be epoxy coated according to the requirements for	

F.A.I. RTE.

SECTION

70 60-10K-1,60-10HB MADISON 420 281

COUNTY TOTAL SHEET SHEETS NO.

BAR SPLICER ASSEMBLIES					
ze to liced	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		
1	7'-3''	95.0	50.3		
	9'-0''	117.4	61.8		

Bar Size		
#5	24 Pier	
#6	12	Pier
#5	672	Deck

· [REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION			
0F S-68	NAME	DATE	IL ROU F.A.I ROU MADISC	ILLINOIS DEPARTMENT OF TRANSPORTATION IL ROUTE 162 OVER I-55/70 IN TROY F.A.I ROUTE 70 SECTION 60-10K-1, 60-10F MADISON COUNTY STATION 499+48.35 STRUCTURE NO. 060-0338		
porated			BAR SPLICER ASSEMBLY			
Construction Managers aite 1650				DESIGNED: BTO	DRAWN: BTO	
553-0661			DATE: 03/06	CHECKED: JAN	CHECKED: JAN	