## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



ROUTE NO.	SECTION	COUNT	(	TOTAL SHEETS	SHEET NO.
F.A.U. 3887	06-00214-06-BR	KAN	E	55	36
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT-				CT-	

SHEET NO. 21 25 SHEETS

BAR SPLICER ASSEMBLIES						
<u> </u>	Strength Requirements					
Splicer Rod or Dowel Bar Length	Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension				
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				