

FED. ROAD CIST. NO. 7		ILLINOIS	FED. ALD PROJECT-		
F.A.I94/ F.A.P. 346		соок		91	87
ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.

	BAR SPLIC	ER ASSEMBLI	ES		
	Splicer Rod or Dowel Bar Length	Strength Requirements			
0		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		

*· .	1
40	Deck
12	Abut. Backwall
	40 12

BAR SPLICER ASSEMBLY DETAILS F.A.I. 94/ (EDENS EXPRESSWAY) STRUCTURE NO. 016-0102