

ROUTE NO.	SECTION	COUNTY Montgomery		TOTAL SHEETS	SHEET NO.
FAP 42 (IL 127)	106 (B-2)			61	31
FED. ROAD DIST. NO. 7		ILLINDIS	FED. AID PROJECT-		

Contract	#;

BAR SPLICER ASSEMBLIES								
		Strength Requirements						
e to ced	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					