

ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.	SHEET NO. 15
F.A.P. 885	111BR-1	POPE		69	26	15 SHEETS
FED, ROAD DIST. NO. 7		ILLINDIS	FED. AID PROJECT-			

	BAR SPLICER ASSEMBLIES							
1		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					

Bar Size	No. Assemblies Required	Location
#5	6	Blockouts

BAR SPLICER ASSEMBLY DETAILS ILL. ROUTE 146 OVER SUGAR CREEK F.A.P. ROUTE 885 - SECTION 111BR-1