

ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHERT NO.	SHEET NO.	<i>1</i> 6
F.A.P. 132	102BR-1	MASSAC		82	69	<i>16</i> SHEETS	
FED. ROAD DIST. NO. 7		ILLINGIS	FEQ. AID PROJECT-				

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					

Bar Size	No. Assemblies Required	Location
#5	6	Blockouts
#5	10	Abutments

BAR SPLICER ASSEMBLY DETAILS ILL. ROUTE 145 OVER MASSAC CREEK F.A.P. ROUTE 132 - SECTION 102BR-1 STRUCTURE NO. 064-0008