

ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.
F.A.P. 685	113B-3	HANCOCK		48	34
FED. ROAD DIST. NO. 7		ILLINDIS	FED. AID PROJECT-		

BAR SPLICER ASSEMBLIES						
e to ced		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
#4	78	Bottom Slab
#5	15	Walls
#5	44	Top Slab

			ILLINOIS DEPARTMENT OF TRANSPORTATION
			BAR SPLICER ASSEMBLY DETAILS
			<i>IL ROUTE 9/IL ROUTE 96</i>
			OVER SIDE ROAD DITCH
1	REVISIONS NAME DATE		F.A.P. ROUTE 685 - SECTION 113B-3
TD.			HANCOCK COUNTY
			STA. 118+70.44
y: AJF			STRUCTURE NO. 034-2520