

	BAR SPLIC	ER ASSEMBLI	ES					
r Size to Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements						
			Min. Pull-Out Strength kips tension					
#4	1'-8''	14,7	7,9					
#5	2'-2''	23.0	12.3					
#6	2'-7''	33.1	17.4					
#7	3'-5''	45.1	23.8					
#8	4'-6''	58.9	31.3					
#9	5′-9′′	75.0	39.6					
#10	7'-3''	95.0	50.3					
#11	9'-0''	117.4	61.8					

Bar Size	No. Assemblies Required	Location
#5	16	Deck
#6	6	Deck
#4	50	App. Sidb
#5	92	App. Slab

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ND. 17	F.A.I. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	290	2009-099 BR		COOK/DUPAG	E 309	261
ETS				CONTRACT	NO. 60	0157
	FED. R	OAD DIST. NO.	ILLINOIS	FED. AID PROJECT		