

BAR SPLICER ASSEMBLIES									
Bar Size to be Spliced		Strength Requirements							
	Splicer Rod or Dowel Bar Length		Min. Pull-Out Strength kips – tension						
#4	1'-8''	14.7	7.9						
#5	2'-0''	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	34	North Abutment
#5	34	South Abutment

ASSEMBLY DETAILS		F.A. RTE		SECTION		T	COUNTY		TOTAL	SHEET				
			135	C	:	2008-0	063 RS			COOK		42	29	
		UTILITY	S.N. 016-050	j j						Т	CONTR	ACT	NO.	60F40
SHEETS	STA.	то	STA.	FED.	ROAD	DIST.	NO.	ILLINOIS	FED.	AID	PROJECT			