

BAR SPLIC	ER ASSEMBLI	ES					
	Strength Requirements						
Splicer Rod or owel Bar Length	Min. Capacity kips - tension						
1'-8''	14.7	7.9					
2'-2''	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	724	Bridge Deck				
#4	50	Approach Slab				
#5	172	Approach Slab				
#6	20	Abutment Diaphragm				
#7	26	Abutment Caps				
#6	. 14	Piers				
#4	16	Piers				

BAR SPLICER ASSEMBLY DETAILS STRUCTURE NUMBER 061-0094

. 19	F.A.P. RTE.		SECTION						COUNT	Y	TOTAL SHEETS		SHEET NO.
• 10	322		25BR-1						MARIO	N	63		42
S	SN 061-0094						0	CONTRA	СТ	NO.	76	A83	
	FED. R	OAD	DIST.	NO.	8	ILLINOIS	FED.	AID	PROJECT	322			