

and the second								
BAR SPLICER ASSEMBLIES								
	Strength Requirements							
Splicer Rod or Dowel Bar Length		Min. Pull-Out Strength 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	196	Deck		
#6	16	Diaphragm		
#7	20	Abutments		
	Size #5 #6	Size Required #5 196 #6 16		

ND. 18	F.A.P. RTE.		SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	561		31-1BR-1		LEE	92	51
EETS	STRUCTURE NO. 052-0078 CONTRACT NO. 64B05						
	FED. RC	DAD DIST.	NO ILLINOI	S FED. Al	D PROJECT		1.1.1.1