

BAR SPLICER ASSEMBLIES								
o "	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	203	Deck	
#5	8	Abutments	
#7	24	Abutments	
#6	16	Diaphragms	

BAR SPLICER ASSEMBLY DETAILS IL 34/146 OVER THREE MILE CREEK STATION 76+80.00

NO. 13	F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
	885	5B-1		Hardin	48	26		
ETS		S.N. 035-0015			CONTRACT	NO. 98	3949	
	FED. RC	DAD DIST. NO	ILLINOIS	FED. AI	D PROJECT			

D-99-016-06