

BAR SPLICER ASSEMBLIES							
Splicer Rod or Dowel Bar Length	Strength Requirements						
		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	

BAR SPLICER ASSEMBLY DETAILS					
ILLINOIS ROUTE 1					
OVER NORFOLK SOUTHERN RR					
STA 757+97.66					

NO. 21	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	332	103B-1	WABASH	90	5 <i>5</i>
ETS	SN 093-0023		CONTRACT	NO. 94	754
	FED. RO	DAD DIST. NO. 7 ILLINOIS FED. A	ID PROJECT 332		