

BOUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.	SHEET	NO.	10
F.A.P. 41	15BR	LIVINGSTON		38	21	<i>1</i> 5 she	ETS	
FEO RDAD DIST. NO. 7		ILLINDIS	FED. AND PROJECT-					

BAR SPLICER ASSEMBLIES							
A /	Strength Requirements						
Splicer Rod or Jowel Bar Length		Min. Pull-Out Strength kips - tension					
1'-8''	14.7	5.9					
2'-0''	23.0	9.2					
2'-7''	33.1	13.3					
3'-5''	45.1	18.0					
4'-6''	58.9	23.6					
5'-9''	75.0	30.0					
7'-3''	95.0	38.0					
9'-0''	117.4	46.8					

Bar Size	No. Assemblies Required	Location
#5	187	Deck Slab
#7	14	Abutment
#5	44	Pier
#7	12	Pier Cap