STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.	SHEET NO. 10
F.A.S. 1832	58R-2	WASHINGTON		97	80	12 SHEETS
PED. ROAD OTST. NO. 7		ILLINGIS	FED. ALD PROJECT-			

BAR SPLICER ASSEMBLIES							
• /	Strength Requirements						
er Rod or Bar Length	Min. Capacity kips - tension	Min. Pull-Out Strength kips ~ tension					
1'-8''	14.7	7.9					
2'-0''	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					

ar ze	No. Assemblies Required	Location
⊧6	28	Footing

BAR SPLICER ASSEMBLY DETAILS F.A.S. 1832 - SEC. 5BR-2 STRUCTURE NO. 095-0078