

BSD-1

ROUTE NO.	SECTION	COUNTY		TOTAL SMEETS	SHEET NO.	SHEET NO. 15
FAP 869	*	SAL INE		71	44	17 SHEETS
FED. ROAD DIST. NO.		ILLINGIS	FED. AND PROJECT-			
ONTRA	CT NO.	9899	9		*(105A)B-1	

<u>NOTES</u>

Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length. All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.

Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed

R SPLICER ASSEMBLIES						
	Strength Requirements					
Rod or Length		Min. Pull-Out Strength kips - tension				
	14.7	7.9				
) <i>''</i>	23.0	12.3				
7//	33.1	17.4				
	45.1	23.8				
11	58.9	31.3				
γ <i>ν</i> .	75.0	39.6				
//	95.0	50.3				
11	117.4	61.8				

Dn	 Stage Construction Line Stage II Construction 	
)il (E)	Threaded or Coll Splicer Rods (E)	<u>Reinforcement</u> Bars
<u>1/2</u> " <u>1/2</u> " <u>CI.</u>	ANDARD	
· · · · · · · · · · · · · · · · · · ·	semblies Loostico	

No. Assemblies Required	Location
48	Piers
20	Piers
20	Abutments
140	Slab

BAR SPLICER ASSEMBLY DETAILS IL 34 OVER WEST HARRISBURG DRAINAGE DITCH FAP ROUTE 869 - SECTION (105A)B-1 SALINE COUNTY STATION 1649+21.50 STRUCTURE NO. 083-0066