



4-30-99

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F.A.P. RTE.	SECTION		С	OUNTY	TOTAL	SHEET NO.	
709	105BR-5		(CHAMPAIGN	31	18	
STA.	STA. TO STA.						
FED. ROAD DIST. NO. ILLI		ILLIN	015	FED. AID PROJECT			
CONTRACT 90933 SHEET 8 OF 11 SHEETS							

<u>NOTES</u>

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars. 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. Bar splicer assemblies shall be epoxy coated according to the requirements for

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. Capacity kips - tension	Min. Pull-Out Strength kips - tension					
)''	23.0	9.2					
7//	33.1	13.3					
<i>"</i>	45.1	18.0					
<i>''</i>	58.9	23.6					

Bar splicer assemblies shall be according to Section 508 of the Standard Specifications, except as noted. The furnishing and installation of bar splicer assemblies will be measured and

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION								
NAME	DATE									
		BAR SPLICER								
		US ROUTE 136 OVER BIG DITCH								
		FAP RTE. 709 SECTION 105BR-5 STA. 2078+57.63								
									CHAMPAIGN COUNTY	STR. NO. 010-0276
									SCALE: NTS	DRAWN BY LP
		DATE 11-2001	CHECKED BY MJS							