

ROUTE NO.	SECTION	GDI	JNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 6385	00-00182 -01-BR	McL	EAN	33	27
FED, ROAD DIS	FEG. ROAD DIST. NO.		FED. ALD PROJECT- SRM-6227(43)		

## NOTES

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

BAR SPLICER ASSEMBLIES Strength Requirements Splicer Rod or Splicer Rod or Dowel Bar Length kips - tension kips - tension 23.0 9.2 2'-0" 2'-7' 33.1 13.3 45.1 18.0 3'-5" 4'-6" 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 paid for at the contract unit price each for "BAR SPLICERS."

Rice, Berry and Associates A Division of Hampton, Lenzini and Renwick, Inc. Civil & Structural Engineers 3085 Stevenson Drive Suite 201 Springfield, Minois 62703 217-546-3400 SIGNED: P.S.I., CHECKED: S.W.M. DRAWN: D.B.

BAR SPLICERS F.A.U. 6385 / C.H. 70 OVER SUGAR CREEK SECTION 00-00182-01-BR MCLEAN COUNTY STRUCTURE 057-5306 / STATION 820+21