

1000

DIMENSIONS IN METERS EXCEPT PAY TEMS AND UNLESS NOTED OTHERWISE	F.A.I. RTE.	SECTION	COUN	ΤY	TOTAL SHEETS	SHEET NO.
	80/94	2626.2-R-1	C00	к	452	55
	STA.		TO STA.			
	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			
	CONTRA	CT NO. 62113	INDO	DT DES	5. NO. O	100987
	CONTRA	CT NO. 62113	INDO	DT DES	5. NO. O	100987

<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 400 MPa yield strength, threaded or colled 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

reinforcement 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

	BAR SPLIC	ER ASSEMBLI	ES			
Size to Splicer Rod or Spliced Dowel Bar Length		Strength Requirements				
	Min. Capacity kN - tension	Min. Pull-Out Strength kN - tension				
15	610 mm	100	40			
		1				

Bar splicer assemblies shall be installed at the lug locations as shown on

When the second stage of the lug system is to be completed in a seperate contract, the Contractor shall deliver the remainder of the bar splicer to the IDOT Bishop Ford Maintenance Yard (708) 331-4339 for storage. The bars shall be enclosed in a water resistant wooden container of sufficient strength to withstand the anticipated handeling of the bar splicers prior to reuse at a later date. The container shall be clearly stamped for the designated location of the bar splicer use.

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, SPECIAL." All dimensions are in millimeters (mm) except as noted.

BAR SPLICER ASSEMBLY DETAILS

	ILI	ILLINOIS DEPARTMENT OF TRANSPORTATION I-80/94/US 6			
		KINGERY-BORMAN EXPRESSWAY BURNHAM ROAD TO US 41			
REVISIONS		BAR SPLICER ASSEMBLY			
NAME DA	TE		DETAIL FOR		
			SYSTEM Bars b		
	SC4	LE NONE	DRAWN BY ACE/CAD		
	DA1	E 07/04	CHECKED BY TAE		
			ULTING ENGINEERS		