STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



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ROUTE NO.	SECTION	COUNTY		SHEETS	SHEET NO.	SHEET	NO. 1
F.A.P. 315	55-2	MCDONOUGH		1025	496	22 SHE	EETS
FCD, DOAD DIST. NO. 4		ILLINGIS	FED. ALD PROJECT-]	

SHEET NO. 18

Contract No. 68205

NOTES

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

fs_{allow}= Allowable tensile stress in lapped reinforcement bars in ksi (Service Load)

ASSEMBLIES						
Strength Requirements						
. Capacity - tension	Min. Pull-Out Strength kips - tension					
14.7	5.9					
23.0	9.2					
33.1	13.3					
45.1	18.0					
58.9	23.6					
75.0	30.0					
95.0	38.0					
117.4	46.8					

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

- Stage Construction Line Stage II Construction

> Threaded or Coil Reinforcement Splicer Rods (E) Bars

STANDARD

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No. Assemblies Required	Location
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BAR SPLICER ASSEMBLY DETAILS IL. ROUTE 336 OVER TRIBUTARY TO KILLJORDAN CREEK F.A.P. ROUTE 315 SECT. 55-2 McDONOUGH COUNTY STATION 494+75.00 STRUCTURE NO. 055-0060 (EB) STRUCTURE NO. 055-0061 (WB)



STS CONSULTANTS (309)676-8464 FAX(309)676-5445 IL Design Firm Reg. No. 184-001518