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ROUTE ND.	SECTION	60	NTY	TOTAL SHEETS	SHEET NOL	SH	EET NO.	11
FAP 332	101B-1	WABASH		34	28 1	11	SHEETS	
FED. ROAD DIST. ND. 7		ILLINOIS	FED. AID PROJECT-					

Contract # 74003

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 assembly satisfies the following requirements:

BAR SPLICER ASSEMBLIES								
	Strength Requirements							
Splicer Rod or Dowel Bar Length	Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension						
1'-8''	14.7	7.9						
2'-0''	23.0	12.3						
2'-7''	33.1	17.4						
3'-5''	45.1	23.8						
4'-6''	58.9	31.3						
5'-9''	75.0	39.6						
7'-3''	95.0	50.3						
9'-0''	117.4	61.8						

Construction		
ided or Coil Couplers (E) <u>12''</u> cl.	Threaded or Coll Splicer Rods (E) Bars	
<u>ST.</u>	ANDARD	
Location		
	ILLINOIS DEPARTMENT OF TRANSPORT	ATION
Conc. W.S.	FAP 332 OVER BONPAS CREEK FAP ROUTE 332 (IL 1) SECTION 101B-1 WABASH COUNTY STATION 149+30 SN 093-0005	OJECT NO. OGOZ
	COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	11 of 11 sht