

- Stage Construction Line

— The diameter of this part is

equal or larger than the

diameter of bar spliced.

PLOT DATE = Sat Mar 15 11:13:00 2008

DATE

REVISED

SCALE: None SHEET NO. 7 OF 7 SHEETS STA.

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

PLIC	ER ASSEMBLI	ES					
or ngth	Strength Requirements						
	Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension					
	14.7	7.9					
	23.0	12.3					
	33.1	17.4					
	45.1	23.8					
	58.9	31.3					
	75.0	39.6					
	95.0	50.3					
	117.4	61.8					

- Stage Construction Line											
	Stage II Construction										
7	hreaded or C Splicer Rods (Coll	Reinfor	cemen	<u>t</u>						
		E)	Bars	_							
STANDAR	<u>D</u>										
. Assemblies Required Location											
32	Deck										
6	Abutments	5									
Ē	BAR SPLI	<u>4 01</u>	ASSEN ER PLU	IM R	<u>IVER</u>	AILS					
FA ROUTE 18 (IL 84)											
<u>SECTION_106BR</u> CARROLL_COUNTY											
<u>CARROLL COUNTY</u> STRUCTURE NUMBER 008-0028											
	<u>31 RUCT</u>	UNE	NUMBER			20					
					arious IOGRR)M	(4B-2)M &	177-4F	- 3)M			
		F.A. RTE.	SECTION			COUNTY		SHEET NO.			
		*	**			Various	26	16			
					ILLINOIS	CONTRACT	NO. 6	4D99			
TO STA		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									