

Sheet S15 of S20	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2578	532B-1	DUPAG	E 117	62
	FED. RC	DAD DIST. NO. 7	ILLINOIS FE	D. AID PRO	JECT
NOTES e of an approved type and shall develop in tension of h of the lapped reinforcement bars. um 60 ksi yield strength, threaded or coiled full leng e lapped and tied to the splicer rods or dowel bars. e epoxy coated according to the requirements for	gth.			NTRACT NO.	
n may be submitted to the Engineer for approval. A results from an approved testing laboratory that the					

BAR SPLICER ASSEMBLIES						
er Rod or	Strength Requirements					
l Bar Length	Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension				
1'-8''	14.7	7.9				
2'-2''	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				

Assemblies Required	Location
2	S. Abutment
6	S. Abutment
2	N. Abutment
6	N. Abutment
221	Deck
8	S. Diaphragm
8	N. Diaphraam

BAR SPLICER ASSEMBLY DETAILS STRUCTURE NO.

	ILLINOIS DEPARTMENT OF TRANSPORTATION	
REVISIONS	BAR SPLICER DETAILS	
NAME DAT	ILLINOIS ROUTE 53 OVER	
	SPRING BROOK CREEK	
	FAU 2578 SECTION 532B-1	
	STRUCTURE NO. 022-0189	
	DUPAGE COUNTY STATION 166+46.79	
	SCALE: NONE DRAWN BY: E. MROCZEK	
	DATE: 6/12/09 CHECKED BY: A. YARGICOGLU	