

Sheet S15 of S20	F.A.U. RTE.	SECTION		COUNTY		TOTAL SHEETS	SHEET NO.
	2578	532B	-1	DUF	AGE	117	62
	FED. RC	DAD DIST.	NO. 7	ILLINOIS	FED.	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 colled full leng e lapped and tied to the splicer rods or dowel bars. e epoxy coated according to the requirements for	, th.				CONT	RACT NO.	62881

BAR SPLICER ASSEMBLIES							
er Rod or	Strength Requirements						
l Bar Length	Min. Capacity kips - tension	Min. Pull-Out kips -	Strength 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. Diaphragm

BAR SPLICER ASSEMBLY DETAILS STRUCTURE NO.

	ILLINOIS DEPARTMENT OF TRANSPORTATION
DEVICIONS	BAR SPLICER DETAILS
REVISIONS NAME DATE	ILLINOIS ROUTE 53 OVER
NAME DATE	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