STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least

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	BAR SPLICER ASSEMBLIES								
	Splicer Rod or Dowel Bar Length	Strength Requirements							
		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						

Bar Size	No. Assemblies Required	Location	

NORTHBOUND ILLINOIS ROUTE 394 OVER PLUM CREEK

NO. 21	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	332	2002-113R	WILL	242	166
HEETS	SN-099-0147		CONTRACT	NO. 6	2542
	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				