

_							
	Bar	Splice	r fo	r #5	bar		
Min.	Capacity	= 23.0	) kip	5 -	tensio	n	
Min.	Pull-out	Strengi	'h =	12.3	kips	-	tension
No.	Required	-					

DESIGNED	Vh	V JANUARY 22, 2008
CHECKED	A7	
DRAWN	baliv	
CHECKED	VHV AT	ENDINEER OF BRIDDES AND STRUCTURES
BSD-1		11-1-06

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NOUTE ND.	SECTION	COUNTY		total SHCCTS	SHEET NG,	
IL 97		SANGAMON		Ю	10	
FED. NOAD OLST, ND. 7		p	RED. AND PROJECT.			

BAR SPLICER ASSEMBLIES							
<u> </u>	Strength Requirements						
Splicer Rod or Dowel Bar Length.		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					
	Splicer Rod or Dowel Bar Length. 1'-B'' 2'-0'' 2'-7'' 3'-5'' 4'-6'' 5'-9'' 7'-3''	Splicer Rod or Dowel Bar Length Strengt   1'-8'' 14.7   2'-0'' 23.0   2'-7'' 33.1   3'-5'' 45.1   4'-6'' 58.9   5'-9'' 75.0   7'-3'' 95.0					

Bar Size	No. Assemblies Required	Location			
#6	8	East Abutment			
#6	8	West Abutment			

BAR SPLICER DETAILS IL. 97 OVER PRAIRIE CREEK SANGAMON COUNTY SN 084-0046