

benesch

BSD-1 10-1-08

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CHECKED

S21	of S27	ROUTE No.	SECTION	COUNTY.	TOTAL SHEETS	SHEET NO.	
		F.A.P. 331	(8X-I)B	SALINE CO.	220	138	
		STA.		TO STA.			
		F.H.W.A. REGION		ILLINOIS	PROJECT		
		Contract # 78058					
NOTES							

BAR SPLICER ASSEMBLIES						
	Strength Requirements					
Splicer Rod or wel 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				

Bar Size	No. Assemblies Required	Location	

ILLINOIS DEPARTMENT OF TRANSPORTATION RELOCATED ILLINOIS ROUTE 13 OVER HARRISBURG DITCH F.A.P. 33| SECTION (8X-I)B

alfred benesch & company Engineers • Surveyors • Planners 205 North Michigan Avenue, Suite 2400 Chicago, Illinois 60601 312-565-0450 JOB NO. 3526 JOB NO. 3526

BAR SPLICER ASSEMBLY DETAILS

SN: 083-0060 SALINE CO., IL. STA. 1013+38.50 DATE: FEB 4, 2009