

ROUTE ND.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.	SHEET NO. 10
F.A.S. 960	38 B-1	JOHN	SON	23	21	12 SHEETS
MED. ROAD DIST. NO. 7 BLL		ELLINDIS	FED. AID PROJECT-		1	

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'-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				

#4 60 Deck	Bar Size	No. Assemblies Required	Location
	#4	60	Deck

	ILLINOIS DEPARTMENT OF TRANSPORTATION
	BAR SPLICER ASSEMBLY DETAILS
	U.S. ROUTE 45 OVER
	CAVE CREEK
REVISIONS NAME DATE	F.A.S. ROUTE 960 - SECTION 38 B-1
	JOHNSON COUNTY
	STA. 213+64.78
	STRUCTURE NO. 044-0010