STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



Bar Splicer for #5 bar

Min. Pull-out Strength = 12.3 kips - tension

Min. Capacity = 23.0 kips - tension

No. Required =





BSD-1

DESIGNED

CHECKED

CHECKED

DRAWN

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DATE NAME SCALE NAME

PLOT PLOT

ROUTE NO.	SECTION	COUNTY STEPHENSON		TOTAL SHEETS	SHEEY NO.
301	21T-1			64	37A
FED, ROAD DIST, NO. 7		a.l.indis	FED. AID PRDJECT-		I

Contract # 64B48

BAR SPLICER ASSEMBLIES					
	Strength Requirements				
Splicer Rod or Dowel 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			

Bar Size	No. Assemblies Required	Location
#6	13	Stage Line - Sta 374+84.61
#5	32	Stage Line - Sta 374+84.61

BAR SPLICER ASSEMBLY DETAILS