

Sheet S20 of S25		SECTION		COUNTY		TOTAL SHEETS	SHEET	
	80	80 81-1HBY-D		ROCK ISLAND		120	49	
	FED.	ROAD	DIST.	NO. 2	ILLINOIS	FED.	AID PR	OJECT
NOTES					Cor	tract	# 64	C74

			a and the second se					
BAR SPLICER ASSEMBLIES								
to ed	Splicer Rod or Dowel Bar Length	Strength Requirements						
		Min. Capacity 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
#5	636	Deck (WB)
#5	636	Deck (EB)
#6	48	Abutment Diaphragms