

	Bai	⁻ Splicer	for #5	bar	
Min.	Capacity	= 23.0	kips -	tension	
	Pull-out				tension
No.	Required	= 70			

DESIGNED	DPN	Jan 23, 2007
CHECKED	AJB	EXAMINED Thomas Romasaliki)
DRAWN	h.t. duong	PASSED Ralph E. andren)
CHECKED	FT/AJB/DPN	ENGINEER OF BRIDGES AND STRUCTURES



ROUTE NO.	SECTION	COUNTY		1917s	SHEET MC	SHEET
FAP 662	(V.T)B-2	MACOUPIN		68	48	20 si
PED. 4040 UIST	. HQ. 7	IUL 14015	FED. A10 PR			

BAR SPLICER ASSEMBLIES					
	Strength Requirements				
Splicer Rod or Dowel Bar Length	Min. Copacity 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			

#5	245	Slab	
#6	14	Diaphragm	
#7	/24	Abutment cap	
	7		

BAR SPLICER ASSEMBLY DETAILS F.A.P. RT. 662 SECTION (V,T)B-2 STATION 447+03.80 STRUCTURE NO. 059-0504