

- Stage Construction Line

TUTUTUTUTU ** ONE PIECE Wire Connector	Forms Forms Forms			
WELDED SECTIONS	Washer Face			
BAR SPLICER ASSEMBLY ALTERNATIVES ** Heavy Hex Nuts conforming to ASTM	INSTALLATION AND SETTING METHODS "A" : Set bar splicer assembly by means of a template bolt. "B" - Set bar splicer assembly by pelling to wood forme or			

The diameter of this part is equal or larger than the diameter of bar spliced.

reinforcement bars.

	FILE NAME =	USER NAME = linkdj	DESIGNED -	REVISED -			
	0:\BR\CADD plans\Various Counties\Contra	ct #64D99 2008 expansion joints\0080028.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	1	Bar Splicers
		PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	1	-
1		PLOT DATE = Sat Mar 15 11:13:09 2008	DATE -	REVISED -		SCALE: None	SHEET NO. 5 OF 5 SHEETS STA.

NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars. Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length. All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars. Bar splicer assemblies shall be epoxy coated according to the requirements for

Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed

PLIC	ER ASSEMBLI	ES			
	Strength Requirements				
or ngth	Min. Capacity kips – tension	Min. Pull-Out Strength kips - tension			
	14.7	7.9			
*****	23.0	12.3			
	33.1	17.4			
	45.1	23.8			
	58.9	31.3			
	75.0	39.6			
	95.0	50,3			
	117.4	61.8			

	Stage II Construction		
	Threaded or Coil Splicer Rods (E)	Reinforcement Bars	
Γ_	C		-
1/2 // 2/.			

STANDARD

No. Assemblies Required	Location												
16	Deck												
6	Abutments												
×													
BA	AR SPLICE	R ASSEMBL	Y DET	AILS									
<u>IL 26 OVER BUFFALO CREEK</u> <u>FA ROUTE 38 (IL 26)</u> SECTION 4B-2													
								00	GLE COUNTY	7			
							STRUCTURE NUMBER 071-0069 * Various						
		**	(106BR)M	I, (4B-2)M &	177-41	9- <i>3)M</i>							
	F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.							
	*	**		Various	26	21							
			ILLINOIS	CONTRACT	NO. 6	54D99							