

## STANDARD BAR SPLICER ASSEMBLY

Minimum Lap Lengths							
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6	
3, 4	1'-5''	1'-11''	2'-1''	2'-4''	2'-7''	2'-11''	
5	1'-9''	2'-5''	2'-7''	2'-11''	3'-3''	3'-8''	
6	2'-1''	2'-11''	3′-1′′	3'-6''	3'-10''	4'-5''	
7	2'-9''	3′-10′′	4'-2''	4'-8''	5'-2''	5′-10′′	
8	3'-8''	5′-1′′	5′-5″	6'-2''	6'-9''	7'-8''	
9	4'-7''	6′-5′′	6′-10′′	7'-9''	8'-7''	9′-8″	

Table 1: Black bar, 0.8 Class C

Table 2: Black bar, Top bar lap, 0.8 Class C Table 3: Epoxy bar, 0.8 Class C Table 4: Epoxy bar, Top bar lap, 0.8 Class C

Table 5: Epoxy bar, Class C

Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length +  $l_2^{\prime\prime}$  + thread length

\* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length



## INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt. "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms. (E) : Indicates epoxy coating.





yield strength. All reinforce Bar splicer for reinforcem See approve alternatives.

		DESIGNED - TCR/JCZ REVISED   CHECKED - JML REVISED	STATE OF ILLINOIS	BAR SPLICER ASSEMBLY AND MECHAN	
2709 McGraw Drive Biogminaton, Illingis 61704		DRAWN - DJM/JWK	REVISED	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 082–0385 NB &
309/663-8435, 309/663-1571 fax	DATE - 06/26/12	CHECKED - MSW	REVISED		SHEET NO. 438 OF 48 SH
	GROUP, INC. 2709 McGraw Drive Bloomington, Illinois 61704	S GROUP, INC	Farnsworth CHECKED - JML   CROUP, INC. DRAWN - DJM/JWK   Bloomigno, Illinois 8704 DRAWN - DJM/JWK	Farnsworth     CHECKED - JML     REVISED       2709 McGraw Drive     DRAWN - DJM/JWK     REVISED	Fainsworth   CHECKED - JML   REVISED   STATE OF ILLINOIS     2709 MGG: NUMO:   DRAWN - DJM/JWK   REVISED   DEPARTMENT OF TRANSPORTATION



## STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

NOTES Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi

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N <b>B &amp; 082–0386</b> SB	788	520 <b>-</b> 1-2B		ST. CLAIR	94	69
CHANICAL SPLICER DETAILS	F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEE NO
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ement shall be lapped and tied to the sp assemblies shall be epoxy coated accord pent bars. See Section 508 of the Star ad list of bar splicer assemblies and med	ling to Indard S	the requirements pecifications.				

SHEETS

CONTRACT NO. 76F69

THUNDIS FED ATD PROJECT