

## 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.

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

Threaded splicer bar length = min. lap length +  $1_2^{\prime\prime}$  + thread length

5'-1''

6'-5''

4'-7''

Table 2: Black bar, Top bar lap, 0.8 Class C

Table 4: Epoxy bar, Top bar lap, 0.8 Class C

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

Table 1: Black bar, 0.8 Class C

Table 3: Epoxy bar, 0.8 Class C

Table 5: Epoxy bar, Class C

8

9

6'-2

7'-9''

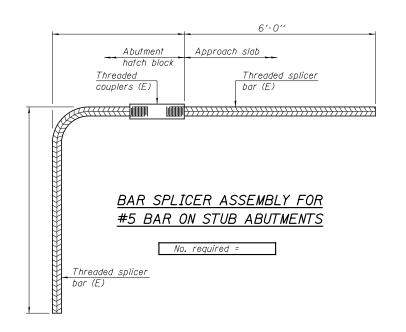
6'-10''

7'-8''

9′-8″

8'-7''

Location	Bar	No. assemblies	Table for minimum
LUCUIIUII	size	required	lap length
Deck	#5	274	5
Diaphragm	#6	22	6
N. Appr. Pav't.	#5	86	6
N. Appr. Pav't.	#4	25	6
S. Appr. Pav't.	#5	86	6
S. Appr. Pav't.	#4	25	6
N. Abutment	#7	10	6
S. Abutment	#7	10	6



BSD-1

8-31-12

Viv 3195 \Structure \032 \0123 \032		USER NAME = bdecraene	DESIGNED -	NPH			BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS	F.A.P. RTF.	SECTION	COUNTY TOTAL SHEET
UT SLALE - NORE DRAWN - KNU JACKSONVILLE-SHOREWOOD-FEORIA DEPARTMENT OF TRANSPORTATION	V:\3195\Structure\032-0123\0320123-66B83-0	4-BAR SPLICER DETAIL.dgn	CHECKED -	JOH	$\Box H$ utchison Engineering, Inc.	STATE OF ILLINOIS		326	110BR-1	GRUNDY 644 382
		PLOT SCALE = NONE	DRAWN -	RMD	JACKSONVILLE-SHOREWOOD-PEORIA	DEPARTMENT OF TRANSPORTATION	31NUCIUNE NU. 032-0123			CONTRACT NO. 66B83
		PLOT DATE = 8/6/2013	CHECKED -	JOH/NPH			SHEET NO. 24 OF 30 SHEETS		ILLINOIS FED. 4	

ł	Stage line if applicable
Stage I construction	Stage II construction
	Mechanical Coupler (E)
Reinforcement bar	Reinforcement bar

## STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications. See approved list of bar splicer assemblies and mechanical splicers for alternatives.