

STANDARD BAR SPLICER ASSEMBLY

	Minim	um Lap Leng	ths		
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5
3, 4	1'-5''	1'-11''	2'-1''	2'-4''	2'-3"
5	1'-9''	2'-5''	2'-7''	2'-11''	2'-10''
6	2'-1''	2'-11''	3'~1''	3'-6''	3'-4''
7	2'-9''	3'-10''	4'-2''	4'-8''	4'-6''
8	3'-8''	5'-1''	5'-5''	6'-2''	5'-10''
9	4'-7''	6'-5"	6'-10"	7'-9"	7'-5"

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, Top bar lap, Class B

Threaded splicer bar length = min. lap length + l_2'' + 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
W. Abut. Deck	#7	3	Table 3
W. Abut. Hatch Block	#6	4	Table 3
E. Abut. Deck	#7	3	Table 3
E. Abut. Hatch Block	#6	4	Table 3



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.





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FILE NAME = USER NAME = patelyj DESIGNED - RON WOODSHANK REVISED BAR SPLICER AND M DRAWN - RON WOODSHANK STATE OF ILLINOIS REVISED -:/pw_work/pwidot/patelyj/d0268311/036 9-sht-details.don DETAILS FOR STRUCTUR PLOT SCALE = 100:0 ':' / in CHECKED -REVISED -DEPARTMENT OF TRANSPORTATION PLOT DATE = 2/16/2012 DATE REVISED SCALE: SHEET 11 OF 14 SHE

	Mechanical coupler (E)
844444444444444444444444444444444444444	
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.

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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 special provision for Mechanical Splicers.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

A.I. SECTION	COUNTY	TOTAL	SHEET
		3116613	NO.
80 (06-4BR-1)I	BUREAU	40	37
	CONTRACT	NO. 6	6B49
ILLINOIS FED. AID PROJECT			
	0 (06-4BR-1)I	0 (06-4BR-1)I BUREAU CONTRACT	0 (06-4BR-1)I BUREAU 40 CONTRACT NO. 6