

### STANDARD BAR SPLICER ASSEMBLY

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Bar size to be spliced	Table I	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 I: 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

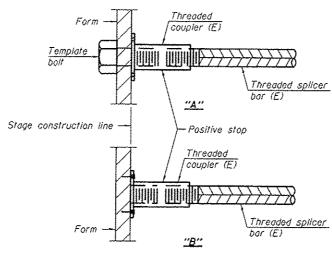
Table 4: Epoxy bar, Top bar lap. 0.8 Class C

Table 5: Epoxy bar, Top bar lap, Class B

Threaded splicer bar length = min. lap length +  $l_2^{l}$ " + thread length

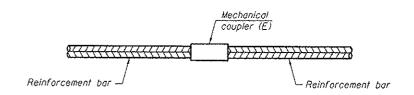
\* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
			<u> </u>



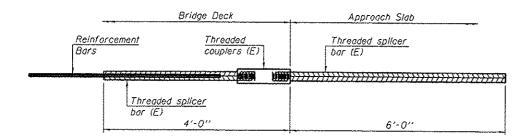
#### INSTALLATION AND SETTING METHODS

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



# STANDARD MECHANICAL SPLICER

Bar size	No. assemblies required		
<b>*</b> 9	10		
<b>#</b> 5	2		
	s/ze ∗9		



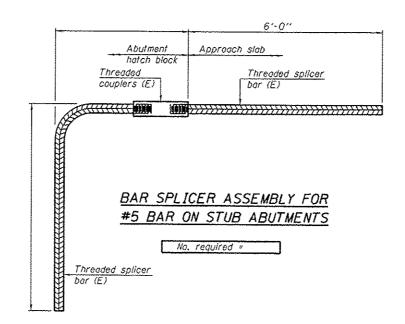
# BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required =

BSD-1

7-1-10

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	PLOT DATE # 4/3/2013	DATE -	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

## 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 special provision for Mechanical Splicers.

See approved list of bar splicer assemblies and mechanical splicers for

alternatives.

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BAR	SPLICER	<b>ASSEMBLY</b>	AND	MECHANICAL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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