

**STANDARD BAR SPLICER ASSEMBLY**

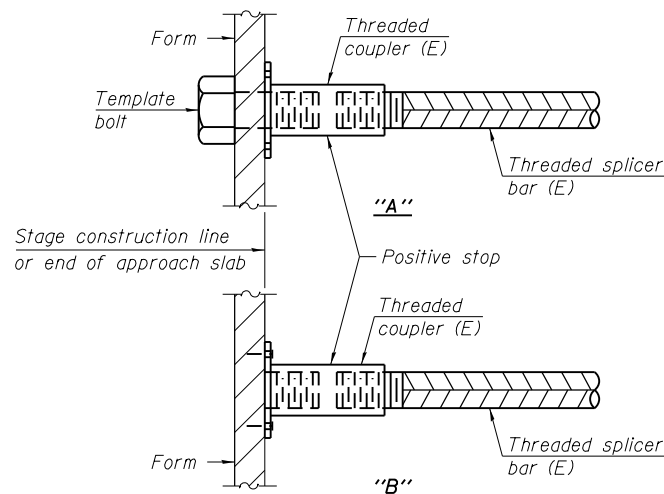
Minimum Lap Lengths						
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	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 + 1/2" + thread length

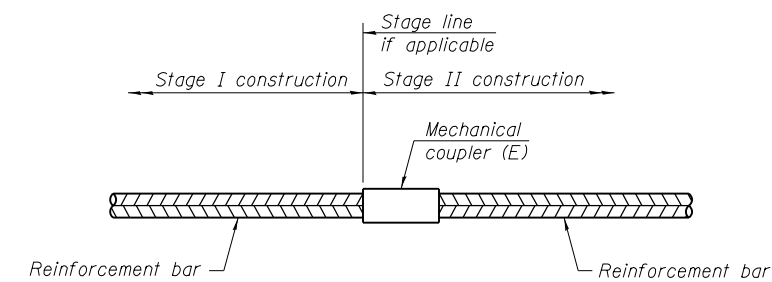
- \* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.
- \*\* Lap required = 1'-4" for the a<sub>13</sub>(E) and a<sub>15</sub>(E) bars in Stage I Construction of the deck.

Location	Bar size	No. assemblies required	Table for minimum lap length
Top of Deck	#5	609	3
Bottom of Deck	#5	359	3
Edge Beam, S. Exp. Jt.	#6	8	** 5
Edge Beam, N. Exp. Jt.	#6	8	** 5
S. Approach Slab	#4	23	4
S. Approach Slab	#5	43	3
S. Approach Footing	#5	40	3
N. Approach Slab	#4	24	4
N. Approach Slab	#5	44	3
N. Approach Footing	#5	40	3
S. Abutment	#5	17	3
S. Abutment	#6	7	3
S. Abutment	#7	16	5
Pier	#5	64	3
Pier	#6	4	3
Pier	#10	13	5
N. Abutment	#5	17	3
N. Abutment	#6	7	3
N. Abutment	#7	16	5



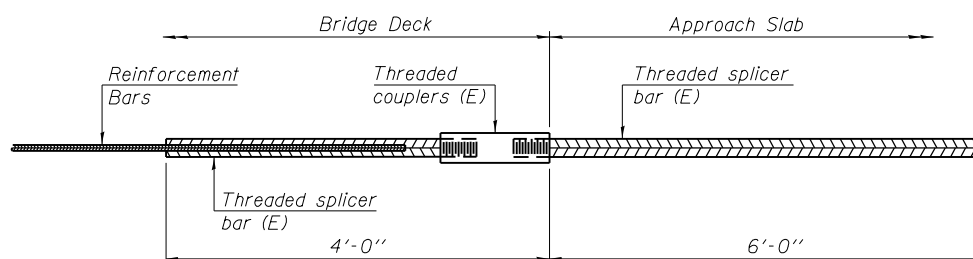
**INSTALLATION AND SETTING METHODS**

- "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.



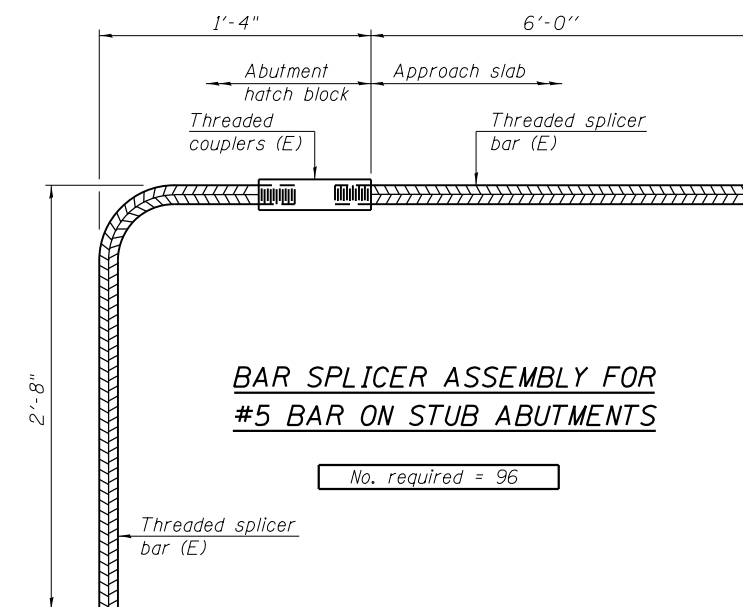
**STANDARD MECHANICAL SPLICER**

Location	Bar size	No. assemblies required



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

No. required =



**BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS**

No. required = 96

**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.