STANDARD BAR SPLICER ASSEMBLY
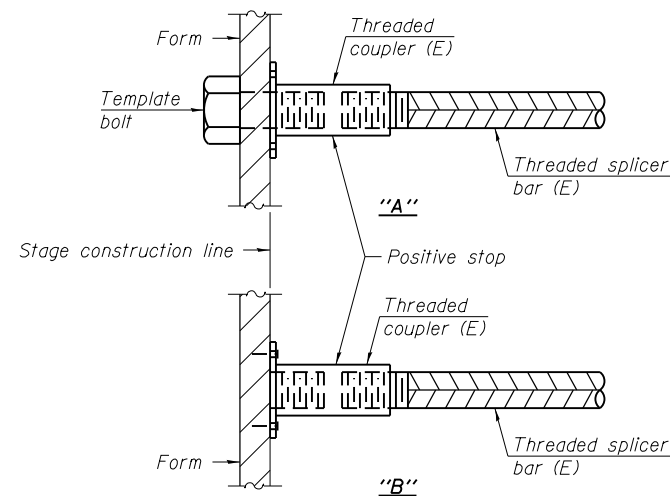
Stage construction line

Stage I construction — Stage II construction

Reinforcement bar — * Threaded coupler (E) — * Threaded splicer bar (E) — Reinforcement bar

* Threaded splicer bar (E) — $1\frac{1}{2}''$ cl. — Minimum lap length

Minimum Lap Lengths					
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 + $1\frac{1}{2}''$ + 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
Deck	#5	18	3
Backwall	#6	6	3

INSTALLATION AND SETTING METHODS

Form — Threaded coupler (E) — Template bolt — Threaded splicer bar (E)

"A"

Stage construction line — Positive stop

Threaded coupler (E) — Threaded splicer bar (E)

Form

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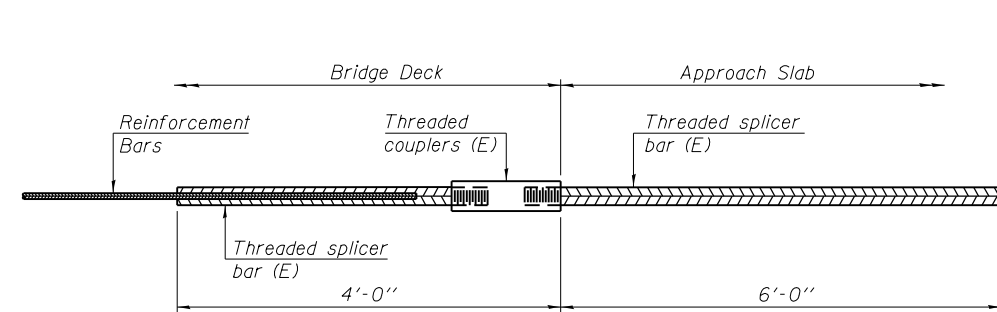
"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
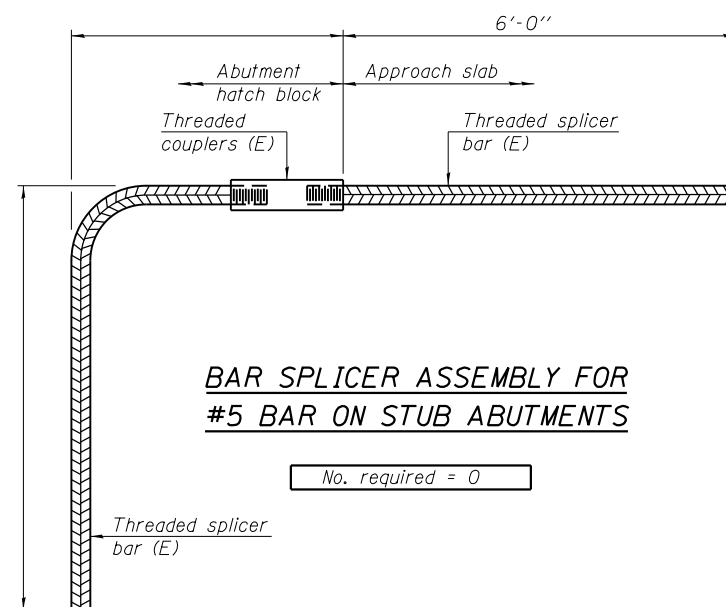(E) : Indicates epoxy coating.
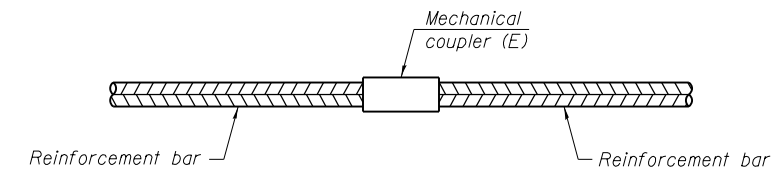
STANDARD MECHANICAL SPLICER

Mechanical coupler (E)

Reinforcement bar — Reinforcement bar

Location	Bar size	No. assemblies required

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

Bridge Deck — Approach Slab

Reinforcement Bars — Threaded couplers (E) — Threaded splicer bar (E)

Threaded splicer bar (E)

4'-0'' — 6'-0''

No. required = 0

BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

6'-0''

Abutment hatch block — Approach slab

Threaded couplers (E) — Threaded splicer bar (E)

Threaded splicer bar (E)

No. required = 0

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.

BSD-1   7-1-10