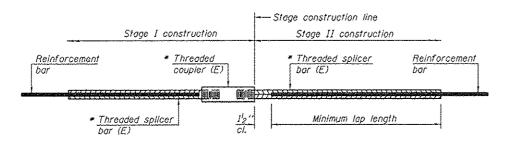
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



STANDARD BAR SPLICER ASSEMBLY

		Minin	num Lap Len	gths		
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

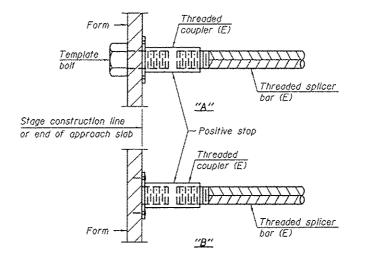
Table 5: Epoxy bar, Class C
Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length \approx min. lap length + I_2''' + thread length

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

BILL OF MATERIALS

Location	Bar size	No. assemblies required	Table for minimum lap length		
Top Slab	#4	26	1		
Bottom Slab	#5	, 52	1		
Top Slab	#7	ZA 35	1		
Walis	#5	<i>15</i>	2		
Total Bar Splice	ers	ZIX:128			



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.

- 1. Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yleld strength.
- All reinforcement shall be lapped and tied to the splicer bars.
- 3. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
- 4. See approved list of bar splicer assemblies and mechanical splicers for alternatives.

A SHEET ADDED 2-28-2013

1				
	USER NAME USER.	DESIGNED BLM	REVISED	Γ
-\OLKERT/DMA		DRAWN TJR	REVISED	
The VOLATION LOCAL VOLUME	PLOT SCALE = #SCALE#	CHECKED JEK	REVISED	
<u></u>	PLOT DATE : *DATE*	DATE 02-04-2013	REVISED	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

																\triangle	4	
	BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS					F.A.P SECTION			COUNTY	TOTAL SHEETS	SHEE	:T						
	STRUCTURE NO. 034-2527								685	113 ((3-4)	HANCOCK	62	408				
	CC11 5	wrc		HEET		^-		SHEETS	671	146+92,00	·····				CONTRACT	NO.	7286	ζ_
_	SCALE:	W12	13	HEET	ь	QF	3	SHEE 131	STA.	140.224.00		ILLINOIS FED. AID PROJECT					لب	