

STANDARD BAR SPLICER ASSEMBLY

Minimum Lap Lengths							
Bar size to be spliced	Table 1	able 1 Table 2		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'' 3'-4''		
6	2'-1''	2'-11''	3′-1′′	3′-6″			
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.

(as ation	Bar	No. assemblies	Table for minimum
Location	size	required	lap length
Sub-Stage I Constr. Line, top slab	#6	13	1
Sub-Stage I Constr. Line, bottom slab	#5	18	1
Sub-Stage I Constr. Line, walls	#5	16	1
Stage I Construction Line, top slab	#6	13	1
Stage I Construction Line, bottom slab	#5	18	1
Stage I Construction Line, walls	#5	16	1



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.





	USER NAME = kkhan	DESIGNED SK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MANNHEIM RD OVER O'HARE DITCH CULVERT		F.A.P.	SECTION	COUNTY TOTAL SHEET	
		DRAWN SK	REVISED -		BAR SPLICER AND PIPE OPENING DETAILS			0105-WRS	COOK 537 323	
	PLOT SCALE = \$SCALE\$	CHECKED GBC	REVISED -		DAN SELICEN AND FIFE OPENING DETAILS			CONTRACT N		
DE	LTA ENGINEERING GROUP, LLC	PLOT DATE = 10/10/2012	DATE 10/19/12	REVISED -		SCALE:	SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FE	D. AID PROJECT
EU	NAME = c:\caddlub\ow\kkbap\oworeat	lakes\dms47849\60P35-S4-Bar_Sol	icer das							

