

LASALLE COUNTY

§

IND6/CM302/DETAILS

WARCH 24, 2005 CI/PROJECTS/CMA

FAI 412 (I-39)

			CONTRACT NO. 665
		F.A.I. RTE. SECTION	ance ra NO
		412 (50-5VB FED. ROAD DIST. NO	
1	VOTES		
all be of an app	roved type and	shall develop in tension	at least
ength of the lap, pinimum 60 ksi y,		nr bars. preaded or coiled full len	gth.
		licer rods or dowel bars) the requirements for	
	_		A
est results from	an approved to	Engineer for approval. esting laboratory that the	
s the following i city	requirements:		
city ps) = 1.25 x fy -out Strength _			
ps) -	1.25 x fs _{allow} .		
th of lapped rei tensile stress i		s in ksi. rcement bars in ksi (Ser	vice Load)
ss area of lappe rete			
BAR SPLI	CER ASSEMBLI	'ES 'h Requirements	
Splicer Rod or wel Bar Length	Min. Capacity	Min. Pull-Out Strength	
	kips - tension	kips - tension	
1'-8'' 2'-0''	14.7 23.0	5.9 9.2	
2'-7"	33.1	13.3	
3'-5"	45.1	18.0	
4′-6″	58.9	23.6	
5'-9'' 7'-3''	75.0	30.0	
9'-0"	95.0 117.4	38.0 46.8	
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