

IND6/CM303/DETAILS. MARCH 30, 2005 C1/PROJECTS/CMAI

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			CONTR	ACT NO. 66570
·····		F.A.I. RTE. SECTION		TOTAL SHEET SHEETS NO.
		412 (50-5VB)		
		FED. ROAD DIST. NO.	ILLINOIS STAT	E AID PROJECT
				1
٨	IOTES			
hall be of an appr	oved type and .	shall develop in tension	at least	
trength of the lapp				
		readed or coiled full ler		
		licer rods or dowel bars the requirements for	•	1
	,			
			Approval	
		esting laboratory that th	e proposed	
ies the following r pacity				
pacity kips) = 1.25 x fy	x A _t			
ull-out Strenath	1.25 x fs _{allow} >	~ <i>\</i>		
nipa)				
ngth of lapped reir le teorile stress in		s in ksi. cement bars in ksi (Ser	vion (ord)	
ress area of lappe	• •		vice Loua)	1
ncrete	a , onn or domenn			
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BAR SPLIC	ER ASSEMBLI	ES		1
College De 1	Strengt	h Requirements		
Splicer Rod or Dowel Bar Length	Min. Capacity	Min. Pull-Out Strength		
Jono Da Lanyin	kips - tension	kips - tension		ł
1'-8''	14.7	5.9		
2'-0"	23.0	9.2		
	33.1	13.3		
21-711	45.1	13.3		
2'-7"				
3'-5"		23.6		
3'-5'' 4'-6''	58.9			1
3'~5'' 4'~6'' 5'~9''	75.0	30.0		
3'-5'' 4'-6''				
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install	75.0 95.0 117.4 to Section 508 lation of bar sp	30.0 38.0 46.8 3 of the Standard Speci vlicer assemblies will be		nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according	75.0 95.0 117.4 to Section 508 lation of bar sp	30.0 38.0 46.8 6 of the Standard Speci vlicer assemblies will be RS."		nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE	30.0 38.0 46.8 6 of the Standard Speci vlicer assemblies will be RS."		nd
3'-5'' 4'-6'' 5'-9'' T'-3'' 9'-0'' shall be according rnishing and install unit price each for	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE	30.0 38.0 46.8 8 of the Standard Speci blicer assemblies will be RS."		nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and instal unit price each for Construction	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE Stage Cons Stage	30.0 38.0 46.8 Tof the Standard Speci Vicer assemblies will be RS." struction Line II Construction		nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE Stage Cons Stage	30.0 38.0 46.8 I of the Standard Speci licer assemblies will be RS." struction Line II Construction	meosured a	nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE Stage Cons Stage	30.0 38.0 46.8 It of the Standard Speci- plicer assemblies will be RS." struction Line II Construction ded or Coll Reinf	meosured a	nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE "BAR SPLICE "BAR SPLICE	30.0 38.0 46.8 It of the Standard Speci- plicer assemblies will be RS." struction Line II Construction ded or Coll Reinf	meosured a	nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE "BAR SPLICE "BAR SPLICE	30.0 38.0 46.8 It of the Standard Speci- plicer assemblies will be RS." struction Line II Construction ded or Coll Reinf	meosured a	nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and instal unit price each for Construction	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE "BAR SPLICE "BAR SPLICE	30.0 38.0 46.8 It of the Standard Speci- plicer assemblies will be RS." struction Line II Construction ded or Coll Reinf	meosured a	nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE Stage Cons Stage Thread Splice	30.0 38.0 46.8 It of the Standard Speci- plicer assemblies will be RS." struction Line II Construction ded or Coll Reinf	meosured a	nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE "BAR SPLICE "BAR SPLICE	30.0 38.0 46.8 It of the Standard Speci- plicer assemblies will be RS." struction Line II Construction ded or Coll Reinf	meosured a	nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE Stage Cons Stage Thread Splice	30.0 38.0 46.8 It of the Standard Speci- plicer assemblies will be RS." struction Line II Construction ded or Coll Reinf	meosured a	nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE Stage Cons Stage Thread Splice	30.0 38.0 46.8 It of the Standard Speci- plicer assemblies will be RS." struction Line II Construction ded or Coll Reinf	meosured a	nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction Construction Construction <u>I'_2'' cl.</u> <u>ST</u> Bar No. A	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE 	30.0 38.0 46.8 T of the Standard Speci bilicer assemblies will be RS." struction Line II Construction ded or Coll r Rods (E) <u>Reinf</u> Bars	meosured a	nd
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for construction ded or Coil Couplers (E) <u>I'-2'' cl.</u> ST Bar No. A	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE "BAR SPLICE "BAR SPLICE "BAR SPLICE "BAR SPLICE "BAR SPLICE	30.0 38.0 46.8 It of the Standard Speci- plicer assemblies will be RS." struction Line II Construction ded or Coll Reinf	meosured a	nd
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3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction Construction Construction <u>I'_2'' cl.</u> <u>ST</u> Bar No. A	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE 	30.0 38.0 46.8 T of the Standard Speci bilicer assemblies will be RS." struction Line II Construction ded or Coll r Rods (E) <u>Reinf</u> Bars	meosured a	nd
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3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction Construction ded or Coil Couplers (E) 1'2'' cl. ST Bar No. A Size Re	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE 	30.0 38.0 46.8 To of the Standard Speci vilcer assemblies will be RS." struction Line II Construction ded or Coll Reinf Pars Cocation		
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction Construction ded or Coil Couplers (E) 1'2'' cl. ST Bar No. A Size Re	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE 	30.0 38.0 46.8 T of the Standard Speci bilicer assemblies will be RS." struction Line II Construction ded or Coll r Rods (E) <u>Reinf</u> Bars		
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction ded or Coil Couplers (E)	75.0 95.0 117.4 to Section 508 lation of bar sp. "BAR SPLICE 	30.0 38.0 46.8 The Standard Special Struction Line II Construction	orcement	RTATION
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction ded or Coil Couplers (E)	75.0 95.0 117.4 to Section 508 lation of bar sp. "BAR SPLICE 	30.0 38.0 46.8 To of the Standard Special Solution assemblies will be RS." Struction Line II Construction ded or Coll Reinf Bars Cocation Location ILLINOIS DEPARTMENT BAR SPLICER AS	orcement	RTATION
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction ded or Coil Couplers (E)	75.0 95.0 117.4 to Section 508 lation of bar sp. "BAR SPLICE 	30.0 38.0 46.8 B of the Standard Speci ilicer assemblies will be RS." struction Line II Construction ded or Coll Reinf r Rods (E) Bars Location Location ILLINOIS DEPARTMENT BAR SPLICER AS S.N. 050- F.A.I. 412 NOI	orcement orcement of TRANSPO SEMBLY -0174 THBOUND	RTATION
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction ded or Coil Couplers (E)	75.0 95.0 117.4 to Section 508 lation of bar sp. "BAR SPLICE 	30.0 38.0 46.8 a of the Standard Speci vilcer assemblies will be RS." struction Line II Construction ded or Coil Reinf r Rods (E) Bars Location Location ILLINOIS DEPARTMENT BAR SPLICER AS S.N. 050- F.A.I. 412 NOI OVER C. & N.V	orcement orcement of TRANSPC SEMBLY 0174 01740UND /. RAILROAD	RTATION
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction ded or Coil Couplers (E)	75.0 95.0 117.4 to Section 508 lation of bar sp. "BAR SPLICE 	30.0 38.0 46.8 To of the Standard Special solution assemblies will be RS." Struction Line II Construction ded or Coll r Rods (E) Reinf Bars Cocation LLINOIS DEPARTMENT BAR SPLICER AS S.N. 050 F.A.I. 412 NOI OVER C. & N.Y SECTION (OF TRANSPO SEMBLY -0174 THBOUND -0, RAILROAD 50-5B I-1	ARTATION DETAILS
3'-5'' 4'-6'' 5'-9'' 7'-3'' 9'-0'' shall be according rnishing and install unit price each for Construction ded or Coil Couplers (E)	75.0 95.0 117.4 to Section 508 lation of bar sp "BAR SPLICE 	30.0 38.0 46.8 a of the Standard Speci vilcer assemblies will be RS." struction Line II Construction ded or Coil Reinf r Rods (E) Bars Location Location ILLINOIS DEPARTMENT BAR SPLICER AS S.N. 050- F.A.I. 412 NOI OVER C. & N.V	OF TRANSPO SEMBLY -0174 THBOUND -0, RAILROAD 50-5B I-1	RTATION