

BSD-1 9-01-03

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 21
s. b. i. f. a. 646	(102) BR-2	Whiteside	69	41	25 SHEETS
FED. ROAD DIST. NO. 7 ILLINDIS FED. AID PROJECT-					20

BAR SPLICER ASSEMBLIES					
	Strength Requirements				
Splicer Rod or wel Bar Length	Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension			
1'-8''	14.7	5.9			
2'-0"	23.0	9.2			
2'-7''	33.1	13.3			
3'-5''	45.1	18.0			
4'-6''	58.9	23.6			
5'-9''	75.0	30.0			
7'-3''	95.0	38.0			
9'-0''	117.4	46.8			

Bar Size	No. Assemblies Required	Location
#5	554	deck
#7	16	abutments
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#7	12	piers
#6	4	deck

BAR SPLICER DETAILS IL RTE 40 OVER GREEN RIVER F.A.P. 646 SECTION (102)BR-2 WHITESIDE COUNTY STATION 674+77.63 S.N. 098-0018



RANDOLPH & ASSO 101 V. PIONEER PARAMY, PADE TEL. 309-013-0944 FAX. 321-010 H T T P + / / N N V - R A N I

	FILE KUNBER
CIATES, INC.	136.
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LAND SURVEYORS	200

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