

NAME CONTAC

ROLEUT

ROUTE NO.	SECTION		COUNTY		TOTAL SIZETS	SHEET NO.	SHEET NO	. SW-23
FAU 151	7 03-00247-00-	03-00247-00-BR		KANE	121	64	SW-30	SHEETS
	FED. ROAD OLST. ND. 1 IU			INOIS FED. AID PROJECT-				

ete	

BAR SPLICER ASSEMBLIES							
	Strength Requirements						
plicer Rod or vel 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					

SMITH ENG CONSULTAN	TS. INC.	CITY OF AURORA			
AND SURVEYORS yww.anithergine z-woir accounts REVISIO	ring.com henginwering.com NS		BAR SPLICER DETAILS		
NAME	DATE		ILLINOIS AVENUE		
			OVER THE FOX RIVER		
			SECTION NO. 03-00247-00-BR		
			KANE COUNTY		
			STRUCTURE NO. 045-6009		
	[DATE	7-28-2006		