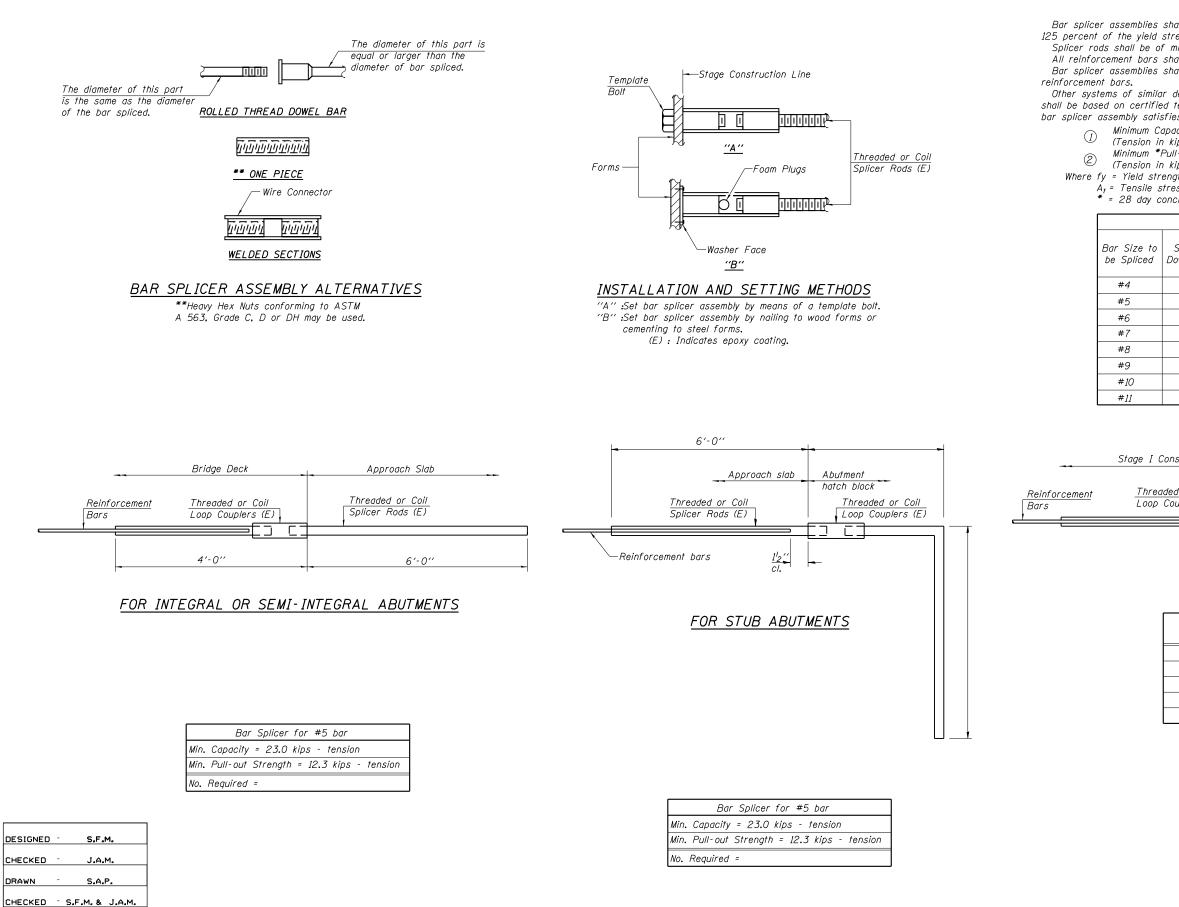
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



BSD-1 5-16-08

			ROUTE NO. SECTION		IN	COUNTY		TOTAL SHEETS	SHEET NO.							
					F.A.I. 57	**		IROQUOIS		190	64					
					FED. ROAD D	IST. NO.	L IL	LINOIS			<u> </u>					
					**(38-4)RS	5-2, (38	3-4)E	BR1	Ca	ontract No.	66757					
	Sheet 8	of 11	Sh	neets												
nall be of c rength of t minimum 6C nall be lapp nall be epo;	r coiled s or dow	full li vel ba	engi		st											
design may test result es the follo	be sui s from	bmitted to an appro	the Er	ngineer	for app	roval.										
acity = 1.25 kips) = 1.25 II-out Strei kips) igth of lapp ess area o icrete	= bed reir	0.66 x f	t bars .	in ksi.												
BAR																
Splicer Ro	S	Strength Requir														
lowel Bar Length		kips - tension kips		ll-Out St s - tens		h										
1'-8''		14.7		7.9												
2'-0''		23.0				12.3										
2'-7''		33.1 45.1				-										
<u> </u>		58.9			31.3		-									
5′-9″		75.0		39.6												
7'- 3''		95.0			50.3											
9'-0''		117.4			61.8											
nstruction S.		Constru itage II hreaded plicer F	Constr	ruction	Rei Bar		rceme	ent								
Bar																
Size	Required			ation												
#5			om Slab													
#6			Slab	_												
#6	42		W	lalls												
	BAR SPLICER ASSEMBLY DETAILS <u>I-57 OVER</u> <u>DANFORTH TOWNSHIP DRAINAGE DITCH</u> <u>F.A.I. ROUTE 57</u> <u>SECTION (38-4)RS-2, (38-4)BR1</u> <u>IROQUOIS COUNTY</u>															
			<u> </u>		TON Z	-0										

S.N. 038 - 2020

STATION 399+21.00