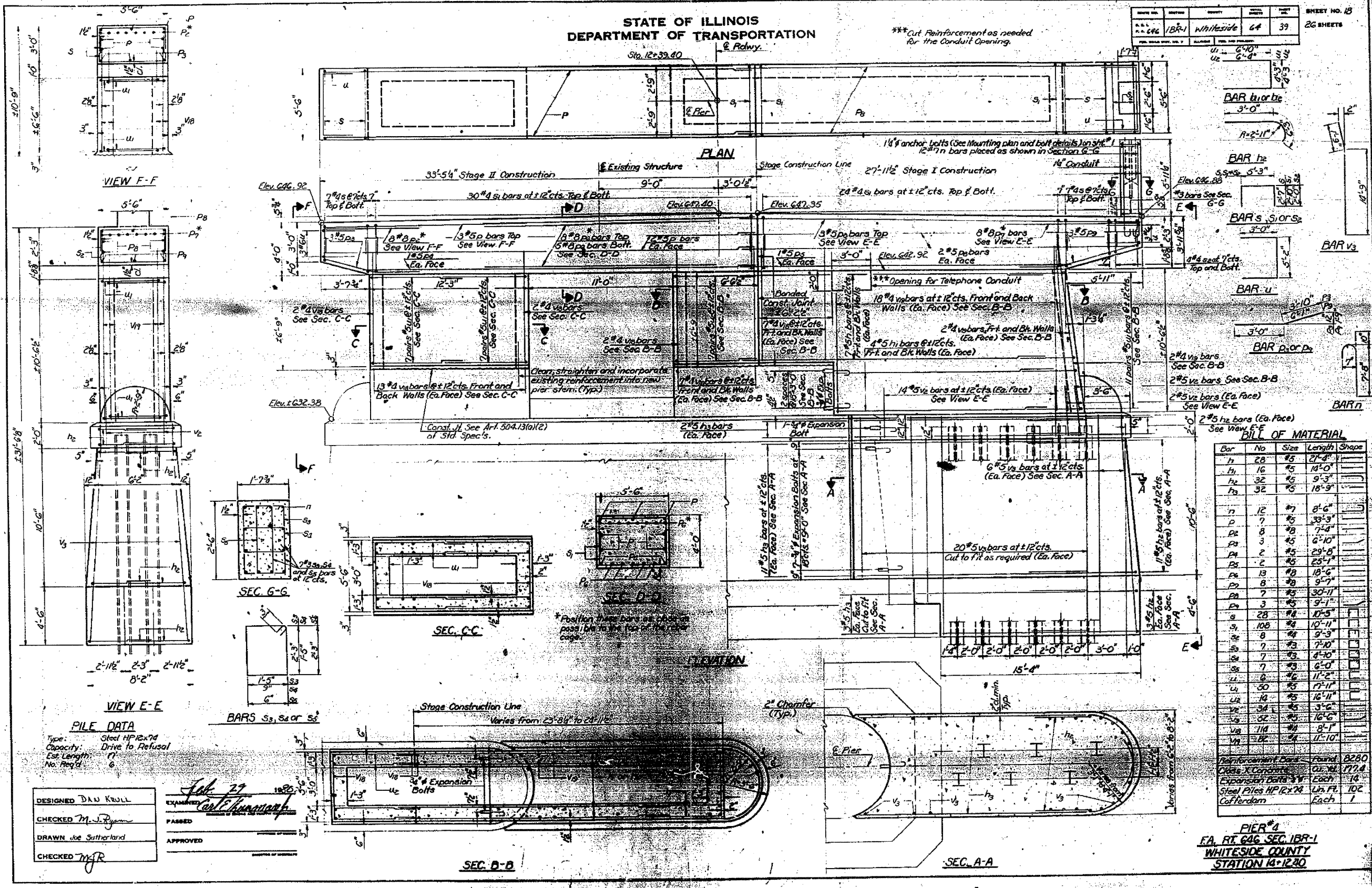


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	1BR-1	PROJECT NAME	Whiteside	DATE	6-4	SHEET NO.	39	
							TOTAL SHEETS	26 SHEETS



**BILL OF MATERIAL**

Bar	No	Size	Length	Shape	
h1	28	#5	27'-8"		
h1	16	#5	14'-0"		
h2	32	#5	9'-3"		
h3	32	#5	18'-9"		
v1	12	#7	8'-6"		
p	7	#5	33'-3"		
p2	8	#8	7'-4"		
p3	3	#5	2'-10"		
p4	2	#5	29'-8"		
p5	2	#5	25'-4"		
p6	13	#8	18'-6"		
p7	8	#8	9'-7"		
p8	7	#5	30'-11"		
p9	3	#5	9'-1"		
s	28	#4	10'-5"		
s1	108	#4	10'-11"		
s2	8	#4	9'-3"		
s3	7	#5	7'-10"		
s4	7	#5	4'-10"		
s5	7	#5	6'-0"		
u1	8	#6	11'-2"		
u2	50	#5	17'-11"		
u3	14	#5	16'-11"		
v2	34	#5	3'-6"		
v3	32	#5	16'-6"		
v4	114	#4	8'-1"		
v5	32	#4	11'-10"		
Reinforcement Bars				Found	8280
Cable X Concrete				Qty. Xd	177.4
Expansion Bolts 3/4"				Each	14
Steel Piles HP12x24				Lbs. Ft.	102
Cofferdam				Each	1

**PILE DATA**  
Type: Steel HP12x24  
Capacity: Drive to Refusal  
Est. Length: 17'  
No. Req'd: 6

DESIGNED DAN KULL  
CHECKED M. J. Ryan  
DRAWN Joe Sutherland  
CHECKED MJR

EXAMINED  
PASSED  
APPROVED

PIER #4  
FA. RT. 646 SEC. 1BR-1  
WHITESIDE COUNTY  
STATION 14+12.30