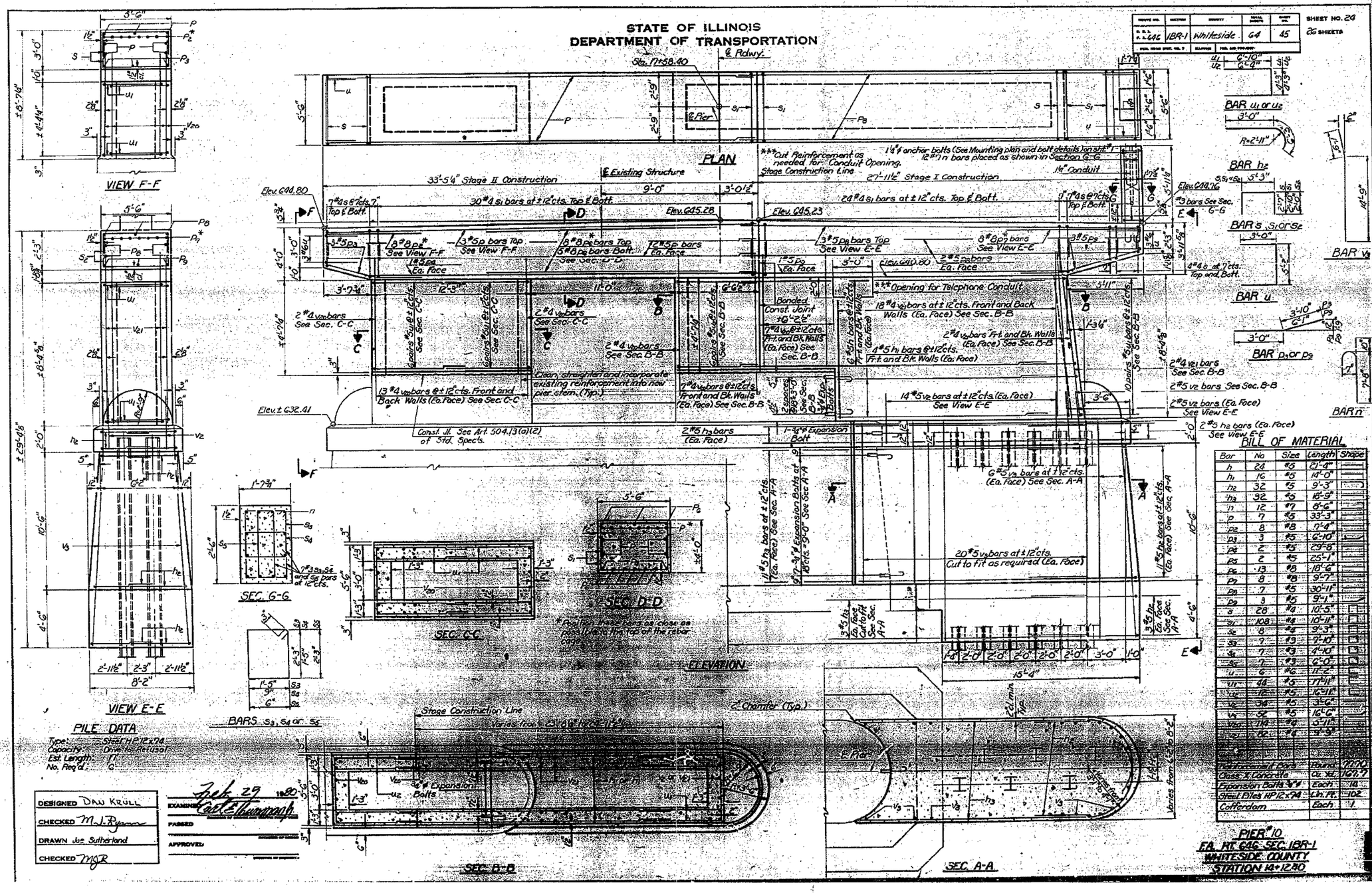
FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 646	IBR-1	Whiteside	64	45

SHEET NO. 24
26 SHEETS



PILE DATA
Type: Steel HP 12x74
Capacity: Drive to Refusal
Est. Length: 17'
No. Req'd: 6

BILL OF MATERIAL

Bar	No	Size	Length	Shape
h	24	#5	21'-4"	
h_1	16	#5	14'-0"	
h_2	32	#5	9'-3"	
h_3	32	#5	18'-9"	
n	12	#7	8'-6"	
p	7	#5	33'-3"	
p_2	8	#8	7'-4"	
p_3	3	#5	6'-10"	
p_4	2	#5	29'-8"	
p_5	2	#5	25'-1"	
p_6	13	#8	18'-6"	
p_7	8	#8	9'-7"	
p_8	7	#5	30'-11"	
p_9	3	#5	9'-1"	
s	28	#4	10'-5"	
s_1	108	#4	10'-11"	
s_2	8	#4	9'-3"	
s_3	9	#3	7'-10"	
s_4	7	#3	4'-10"	
s_5	7	#3	6'-0"	
u	6	#6	11'-2"	
u_1	44	#5	17'-11"	
u_2	12	#5	16'-11"	
v_2	34	#5	3'-6"	
v_3	52	#5	16'-6"	
v_{20}	114	#4	5'-11"	
v_{21}	82	#4	9'-9"	
Reinforcement Bars			Pound	7770
Class X Concrete			Cu. Yd.	167.7
Expansion Bolts ¾"ø			Each	14
Steel Piles HP 12x74			Lin. Ft.	102
Cofferdam			Each	1

PIER #10
F.A. RT. 646 SEC. IBR-1
WHITESIDE COUNTY
STATION 14+12.40

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

EXAMINED Feb 29 1980
PASSED
APPROVED

SHEET NO. 27 OF 31	TOTAL SHEETS 257	SHEET NO. 238
CONTRACT NO. 64B80		
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