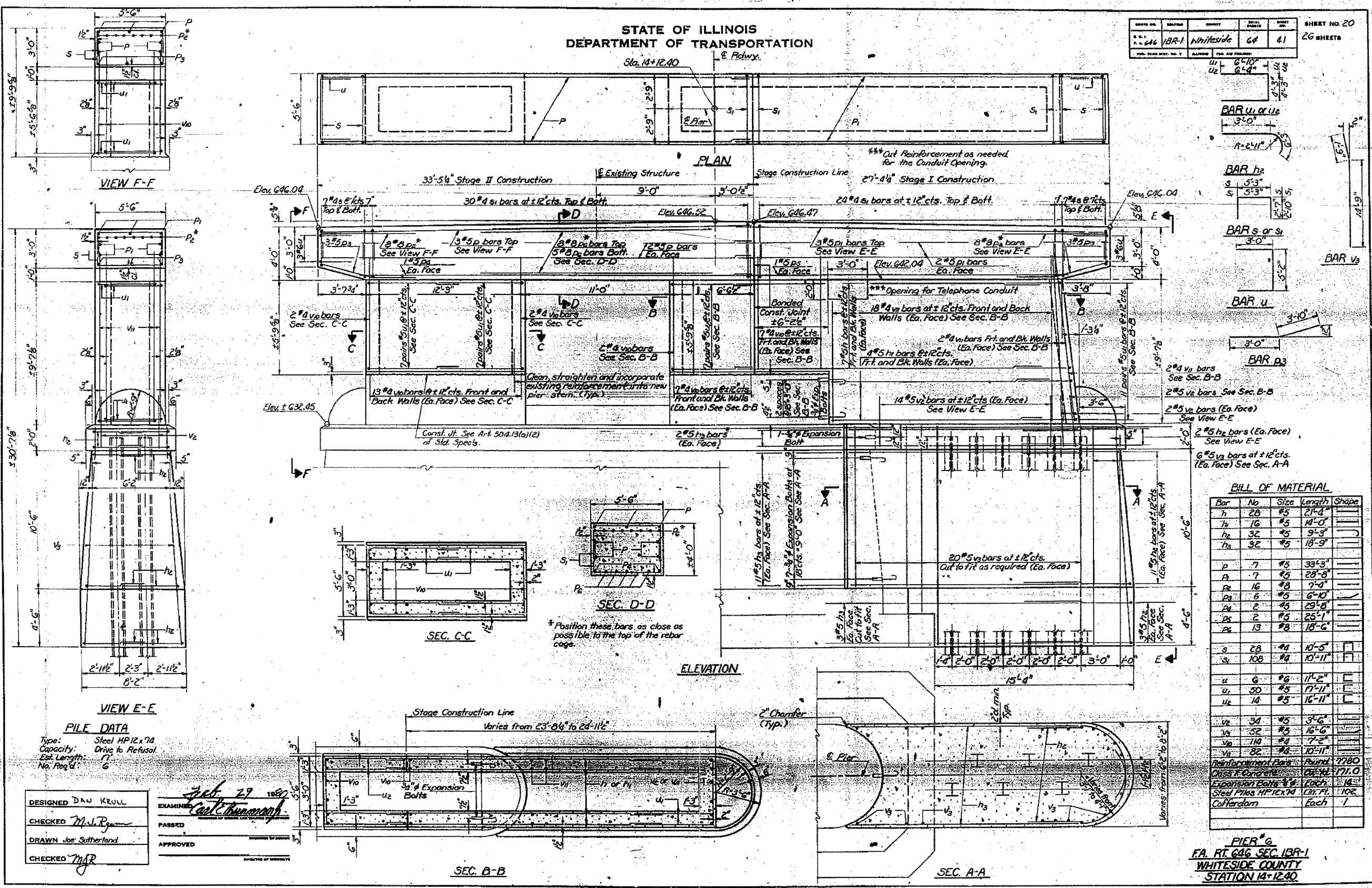


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sta. 14+12.40 E. Rdwy.

PROJECT NO.	SECTION	PROJECT	SHEET NO.	TOTAL SHEETS
13R-1	13R-1	Whiteside	64	41
SHEET NO. 20				
26 SHEETS				



BILL OF MATERIAL

Bar	No	Size	Length	Shape
h	28	#5	21'-4"	
h ₁	16	#5	14'-0"	
h ₂	32	#5	9'-3"	
h ₃	32	#5	18'-9"	
p	7	#5	33'-3"	
p ₁	7	#5	28'-8"	
p ₂	16	#8	7'-0"	
p ₃	6	#5	6'-10"	
p ₄	2	#5	29'-8"	
p ₅	2	#5	25'-1"	
p ₆	13	#8	18'-6"	
s	28	#4	10'-5"	
s ₁	108	#4	10'-11"	
u	6	#6	11'-2"	
u ₁	30	#5	17'-11"	
u ₂	14	#5	16'-11"	
v ₂	34	#5	3'-6"	
v ₄	52	#5	16'-6"	
v ₆	118	#4	7'-2"	
v ₇	82	#8	10'-11"	
Reinforcement Bars	Round	7780		
Chis F Concrete	Cast in	171.0		
Expansion Bolts	4"	Each	14	
Steel Piles HP12x74	Ch. Pl.	102		
Cofferdam	Each	1		

FILE DATA
Type: Steel HP12x74
Capacity: Drive to Refusal
Est. Length: 17'
No. Req'd: 6

DESIGNED DAN KRULL
CHECKED M.S. Ryan
DRAWN Joe Sutherland
CHECKED M.J.R.

EXAMINED *Carl E. Hummer*
PASSED
APPROVED

PIER #6
FA. RT. 646 SEC. 13R-1
WHITESIDE COUNTY
STATION 14+12.40