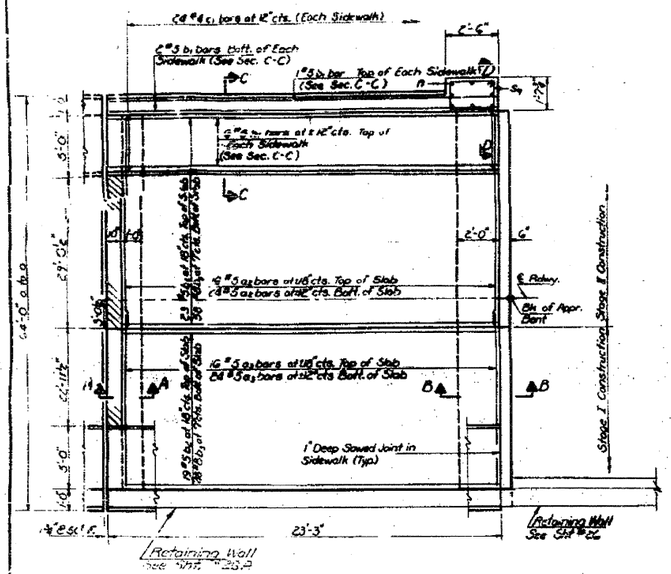
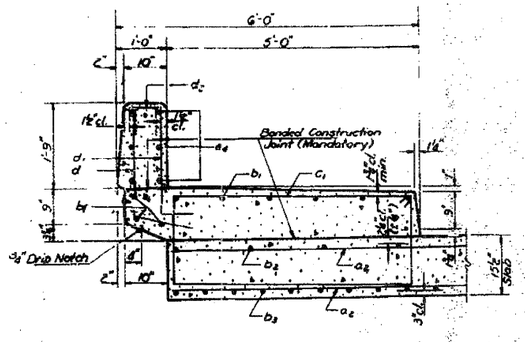
FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

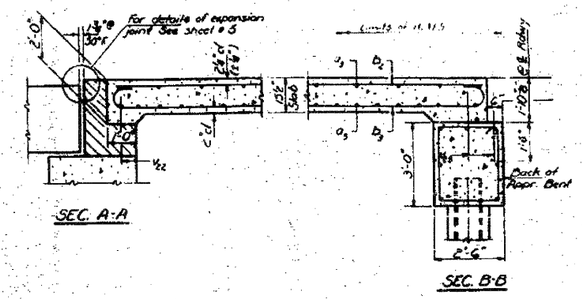
				SHEET NO. 11-A
LAC	IBR-1	whiteside	44	32
				26 SHEETS



PLAN

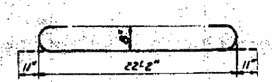


SEC. C-C

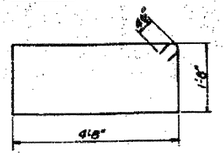


SEC. A-A

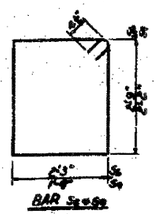
SEC. B-B



BAR b3



BAR c1



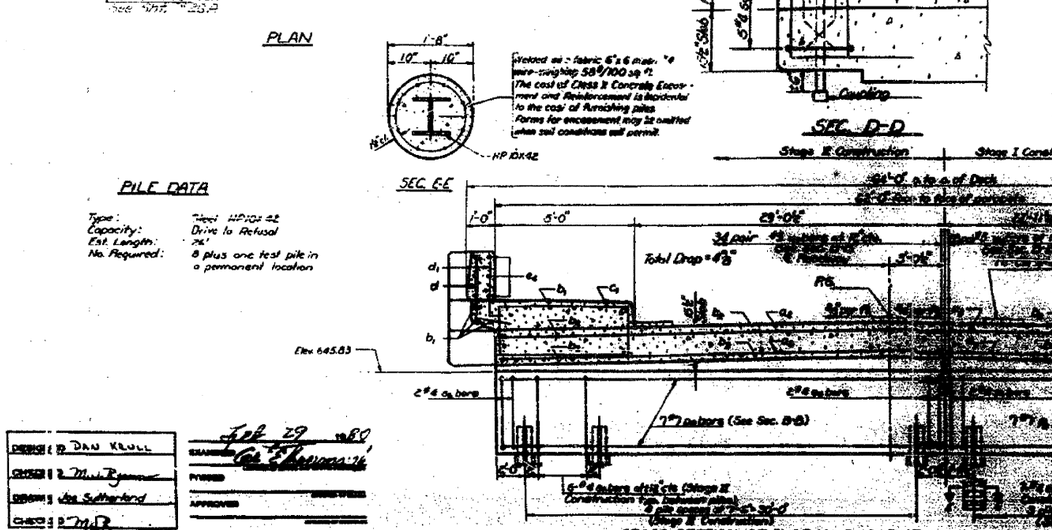
BAR S1 = S2

BAR a

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a3	40	#5	33'9"	
a4	40	#5	29'4"	
b1	18	#5	23'0"	
b2	42	#5	28'2"	
b3	106	#8	28'0"	
c1	48	#4	13'5"	
n	8	#6	6'6"	
P1	7	#7	28'4"	
P2	7	#7	33'8"	
S1	33	#8	32'8"	
S2	3	#4	7'7"	
W3	108	#5	26'0"	
Class X Concrete			Cu.Yd.	30.8
Reinforcement Bars			Pounds	8,880
Steel Piles (HP 10x42)			Lin.Ft.	408
Test Piles (HP 10x42)			Each	1

Percent reinforcement and Class X Concrete is based on Sheet #8
* Included with superstructure on Sheet #4



PILE DATA

Type: Steel HP10x42
Capacity: Drive to Refusal
Est. Length: 75'
No. Required: 8 plus one test pile in a permanent location

Violated air = fabric 6"x6" max. "0" wire weighing 58 lb/100 sq ft.
The cost of Class X Concrete Excavation and Reinforcement is incidental to the cost of furnishing piles.
Forms for encasement may be omitted when soil conditions will permit.

HP 10X42

DESIGNED	D. KRULL
DRAWN	M. Ryan
TRACED	Jos. Sutherland
CHECKED	M.R.

Feb 29 1980

Revised 5/5/81 HRL

SHEET NO. 13 OF 31	TOTAL SHEETS	SHEET NO.
	257	224
CONTRACT NO. 64B80		
FOR INFORMATION ONLY		