EXISTING STRUCTURE PLANS
(FOR REFERENCE ONLY)

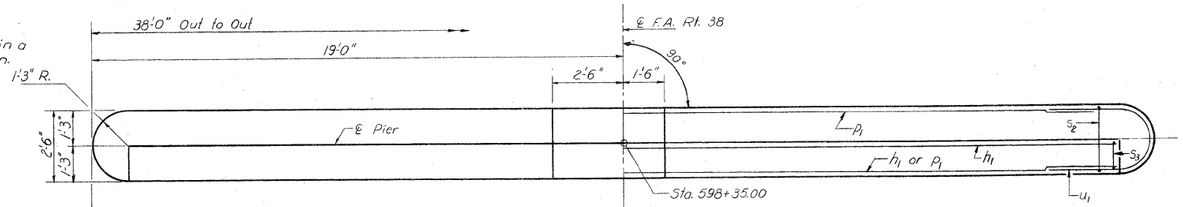
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A. 38	102 BR-1	LEE	61	25
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

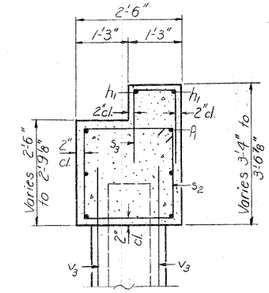
SHEET NO. 11
13 SHEETS

PILE DATA

Type:	Concrete
Capacity:	45 Tons
Est. Length:	37'
No. Required:	7 plus 1 test pile in a permanent location.

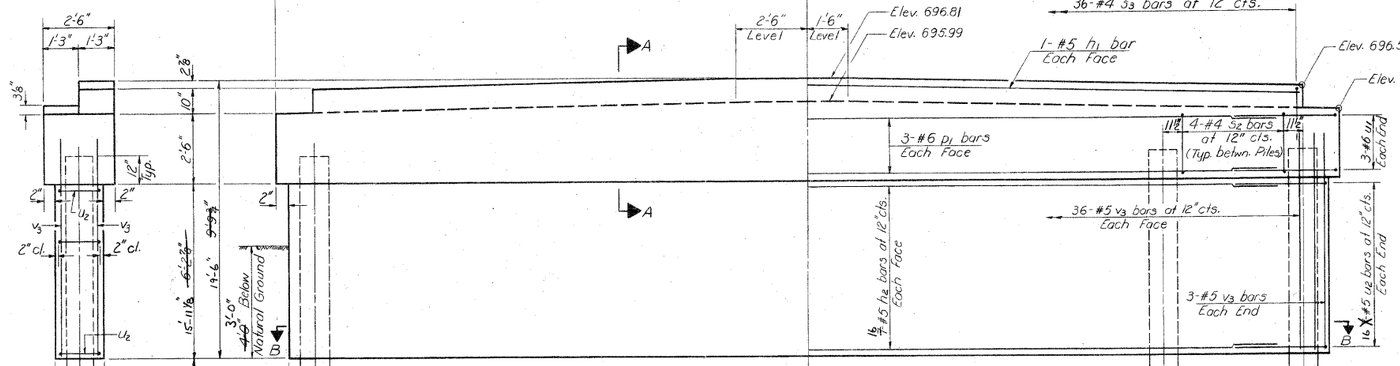


TOP PLAN



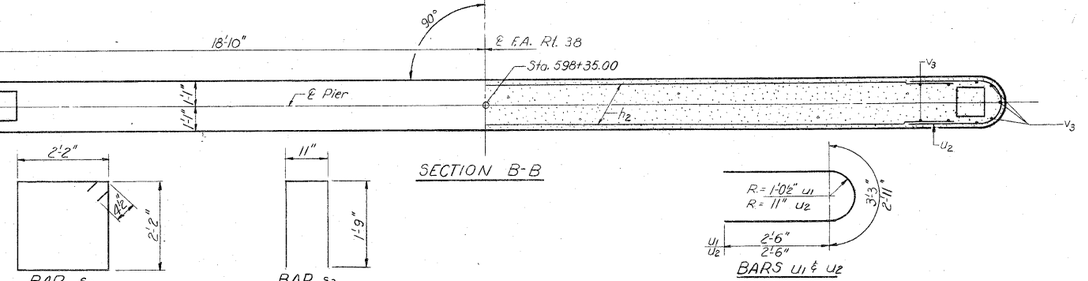
SECTION A-A

Note:
All edges shall have standard ¾" chamfers.



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_1	2	#5	35'-3"	
h_2	32 ~~44~~	#5	33'-6"	
p_1	6	#6	34'-8"	
s_2	28	#4	9'-5"	
s_3	36	#4	4'-5"	
u_1	6	#6	8'-3"	
u_2	32 ~~44~~	#5	7'-11"	
v_3	78	#5	~~11'-6"~~ 7'-9"	
Class X Concrete		Cu. Yd.	~~26.2~~	51.2
Reinforcement Bars		Pound	~~1980~~	3550
Concrete Piles		Lin. Ft.	259	
Test Piles Concrete		Each	1	



SECTION B-B

BAR s_2

BAR s_3

BARS u_1 & u_2

DESIGNED	Glenn Reinaas	EXAMINED	Feb 24, 1981
CHECKED	M. Ryan	PASSED	
DRAWN	R. Doty	APPROVED	
CHECKED	MR		

PIER 1
F.A. RT. 38 SEC. 102 BR-1
LEE COUNTY
STA. 598+65.00

FILE NAME = c:\pw_work\pwidot\grantpm\dms41810\D2-sht-typical.dgn	USER NAME = grantpm	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Thu Jul 14 10:19:56 2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	*	LEE	216	144
		CONTRACT NO. 64D57		
		ILLINOIS FED. AID PROJECT		

* 102BR-5, 102BR-6, & 102BR-7