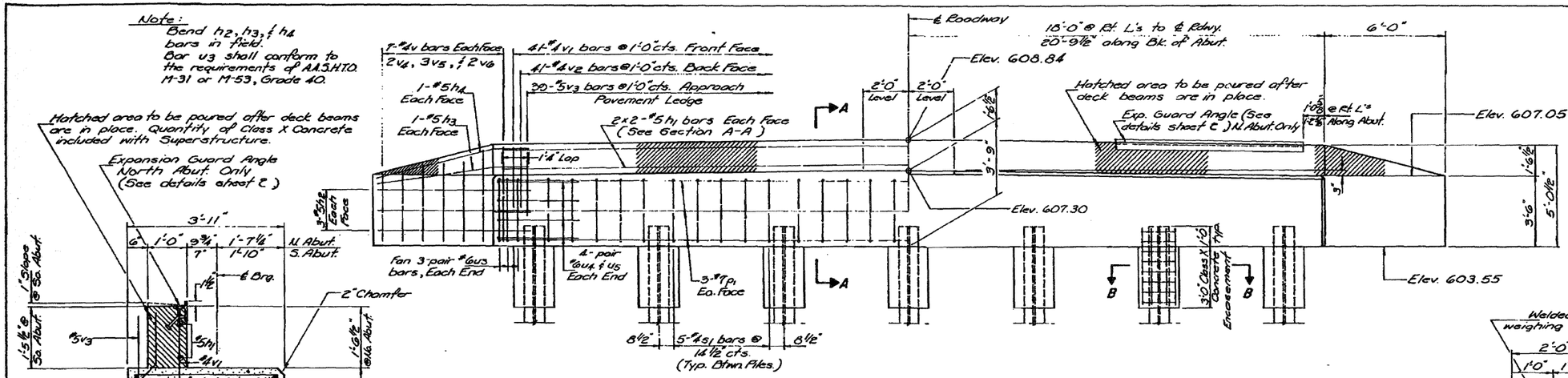
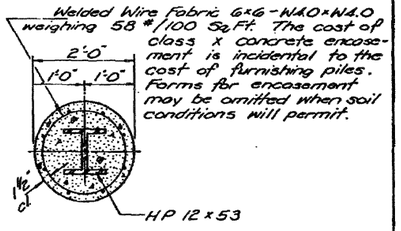
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 18	104-BR	JO DAVIESS	19	13

SHEET 7 OF 7

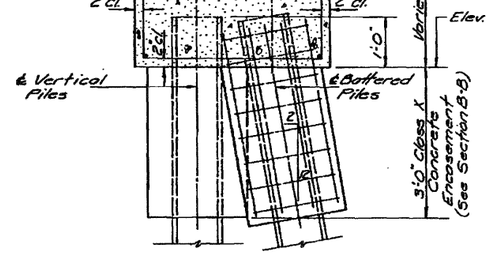
Note:
Bend h_2, h_3, & h_4 bars in field.
Bar u_3 shall conform to the requirements of AA.S.H.T.O. M-31 or M-53, Grade 40.



ELEVATION



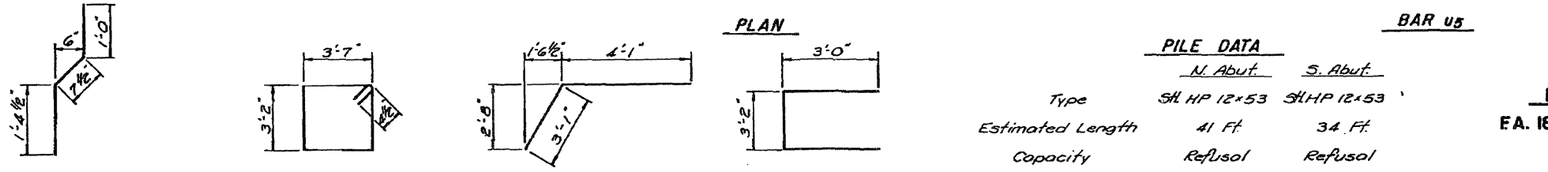
SECTION B-B



PLAN

SECTION A-A

Note:
Bars indicated thus 2 x 2-#5 c.t.c. indicates 2 lines of bars with 2 lengths per line.



BAR u5

DESIGNED:	V. S. N.
CHECKED:	D. H. C.
DRAWN:	R. A. W.
CHECKED:	K. L. F.

PILE DATA

	N. Abut.	S. Abut.
Type	5H HP 12×53	5H HP 12×53
Estimated Length	41 Ft.	34 Ft.
Capacity	Refusal	Refusal
Number	6	7
Test Pile	1	—

NORTH & SOUTH ABUTS.
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1	16	#5	21'-3"	
h2	24	#5	7'-6"	
h3	8	#5	7'-9"	
h4	8	#5	8'-3"	
p1	12	#7	41'-3"	
s1	60	#4	14'-3"	
u3	24	#6	9'-2"	
u4	16	#6	7'-2"	
u5	16	#6	7'-0"	
v1	82	#4	3'-0"	
v2	82	#4	3'-0"	
v3	82	#5	3'-3"	
v4	16	#4	3'-5"	
v5	24	#4	4'-0"	
v6	16	#4	5'-0"	
Class X Concrete			C.Y.	47.1
Reinforcement Bars			Lbs.	3,500
Steel Piles HP12×53			L.F.	484
Test Pile 5H HP12×53			Each	1

FOR INFORMATION ONLY

NORTH & SOUTH ABUTMENTS
F.A. 18 OVER TRIBUTARY TO APPLE RIVER
SECTION 104-BR
JO DAVIESS COUNTY
STATION 125+71.00

H. M. & C. NO. 1931/0029