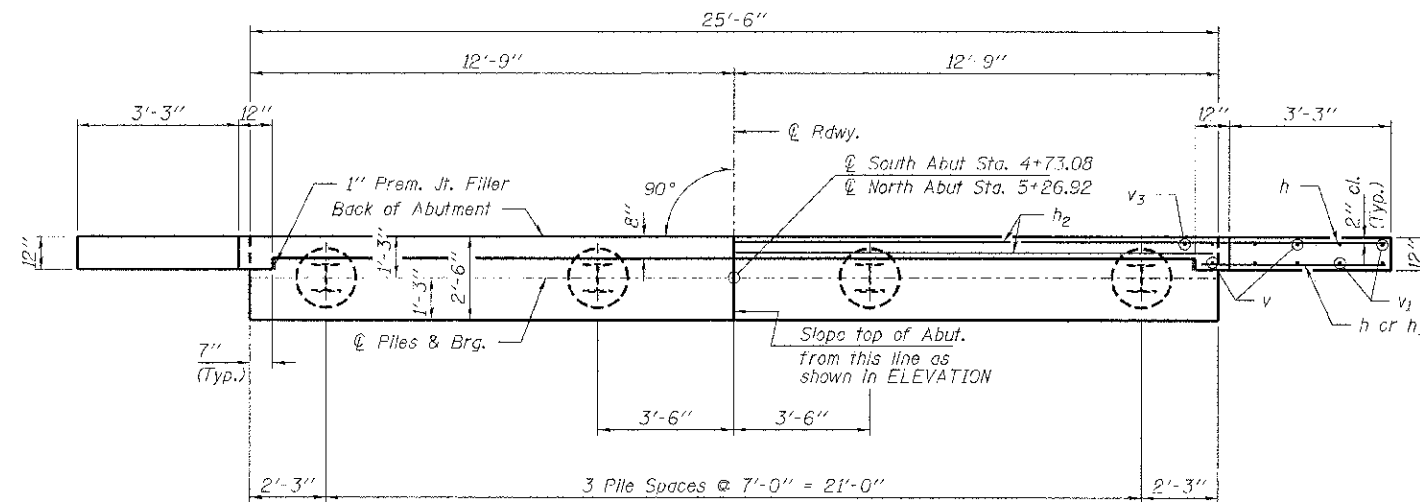
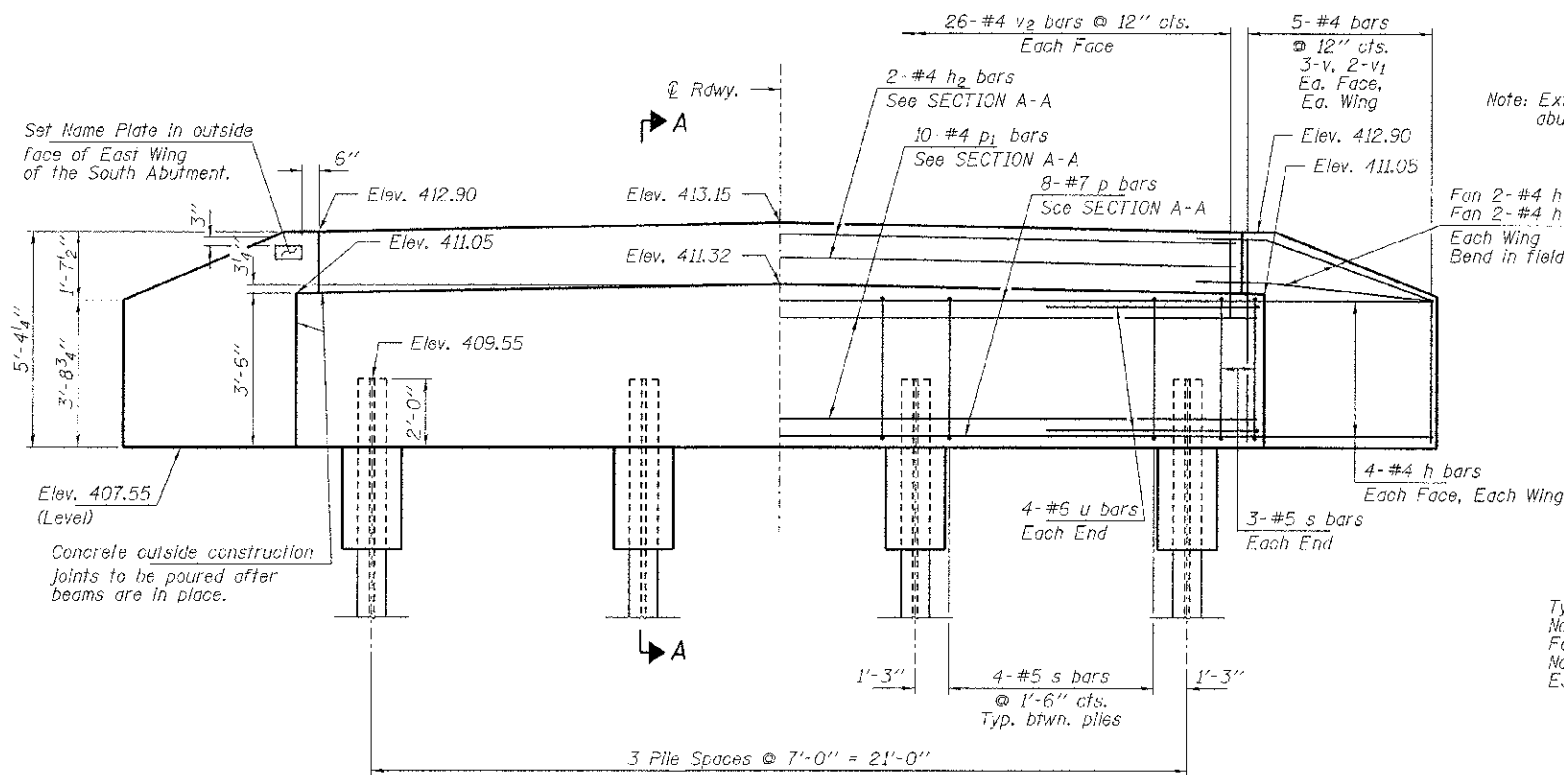
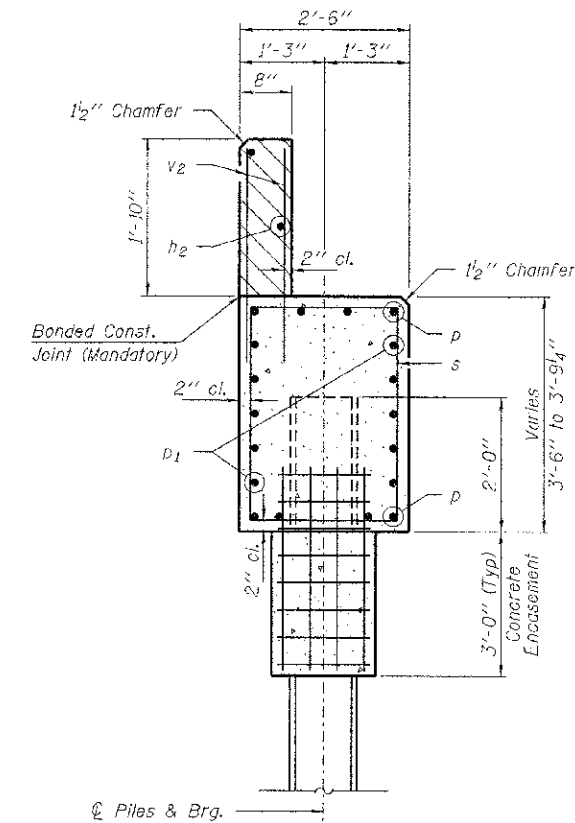




PLAN



ELEVATION



SECTION A-A

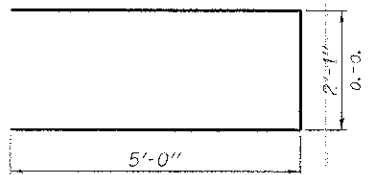
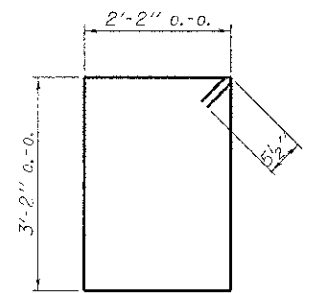
Hatched area to be poured after beams are in place.

Note: Extend h bars into abutment cap.

For 2-#4 h bars (B.F.)
For 2-#4 h₁ bars (F.F.)
Each Wing
Bend in field.

PILE DATA

Type: Steel HPI0x42
No. Req'd. (2 Abut.) 8
Factored Resistance Available (Rf) 184 Kips/Pile
Nominal Required Bearing (Rn) 335 Kips/Pile
Est. Length 50 Ft/Pile



BILL OF MATERIAL - 2 ABUTS.

BAR	NO.	SIZE	LENGTH	SHAPE
h	40	#4	5'-6"	—
h ₁	8	#4	4'-0"	—
h ₂	4	#4	25'-2"	—
p	16	#7	25'-2"	—
p ₁	20	#4	25'-2"	—
s	36	#5	11'-7"	□
u	16	#6	12'-1"	—
v	24	#4	4'-6"	—
v ₁	16	#4	3'-6"	—
v ₂	104	#4	2'-8"	—
Concrete Structures			Cu. Yd.	22.0
Concrete Encasement			Cu. Yd.	2.8
Reinforcement Bars			Pound	2,420
Steel Piles HPI0x42			Foot	400
Name Plates			Each	1