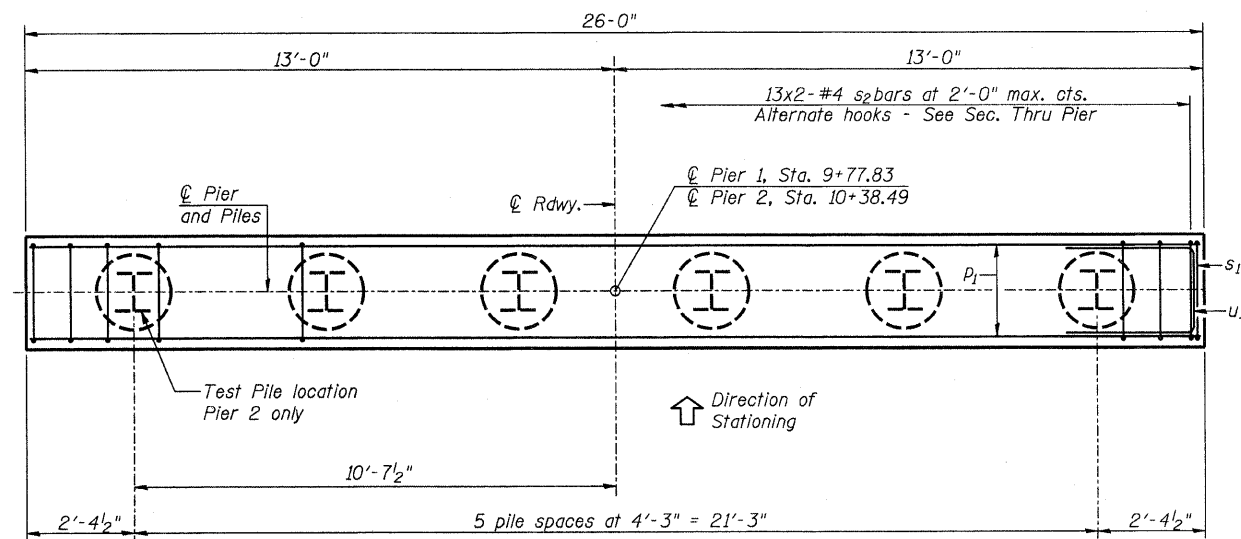


ELEVATION



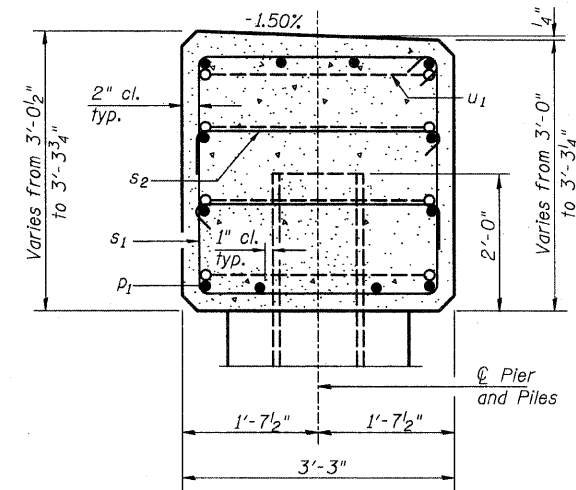
PLAN

**PILE DATA
PIER 1**

Type: Steel HP14x73
 Nominal Required Bearing: 576 kips
 Factored Resistance Available: 317 kips
 Est. Length: 48 foot/pile
 No. Production Piles: 6
 No. Test Piles: 0

**PILE DATA
PIER 2**

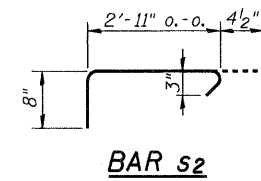
Type: Steel HP14x73
 Nominal Required Bearing: 574 kips
 Factored Resistance Available: 316 kips
 Est. Length: 48 foot/pile
 No. Production Piles w/ Piles Shoes: 5
 No. Test Piles w/ Pile Shoes: 1



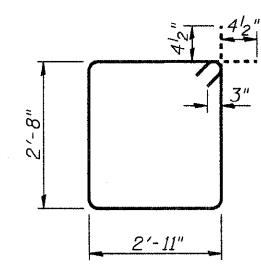
SEC. THRU PIER

GENERAL NOTES

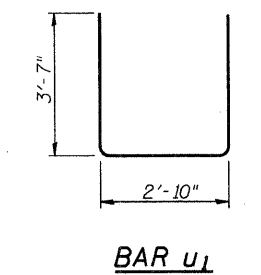
- All exposed edges shall have standard 3/4" chamfer, unless otherwise noted.
- All clearances between rebar and form surface shall be 2", unless otherwise noted.
- Space reinforcement in cap to miss PPCDB dowel rods.
- The Steel H-piles shall be according to AASHTO M270 Grade 50.
- The Contractor shall drive one (1) Steel HP14x73 Test Pile in a permanent location at Pier 2 as directed by the Engineer before ordering the remainder of the piles.
- The Test Pile shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.
- The position of the 90° & 135° hooked ends of the s2 bar shall be alternated between adjacent bars as shown, both vertical and horizontally.



BAR s2



BAR s1



BAR u1

**BILL OF MATERIAL
FOR ONE PIER**

Bar	No.	Size	Length	Shape
p1	12	#7	25'-8"	—
s1	26	#4	11'-11"	□
s2	26	#4	4'-0"	┌
u1	8	#6	10'-0"	—
Concrete Structures				Cu Yd
Concrete Encasement				Pier 1 21.8 Pier 2 20.8
Reinforcement Bars				Pound 1030
Furnishing Steel				Pier 1 288 Pier 2 240
Piles, HP14x73				Pier 1 288 Pier 2 240
Driving Piles				Pier 1 0 Pier 2 1
Test Pile, Steel HP14x73				Pier 1 0 Pier 2 1
Pile Shoes				Pier 1 0 Pier 2 6

For details of piles and Concrete Encasement, see Sheet 12 of 15.