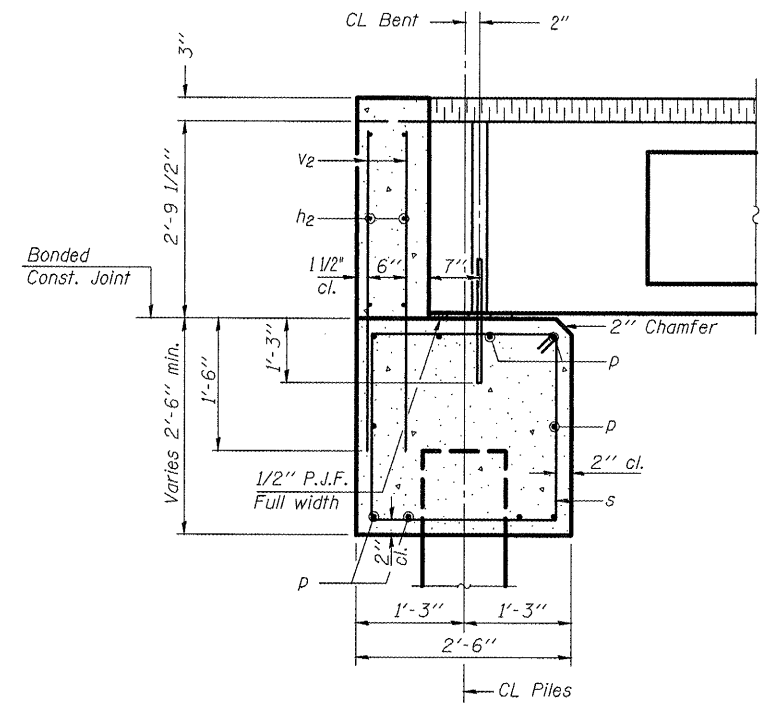
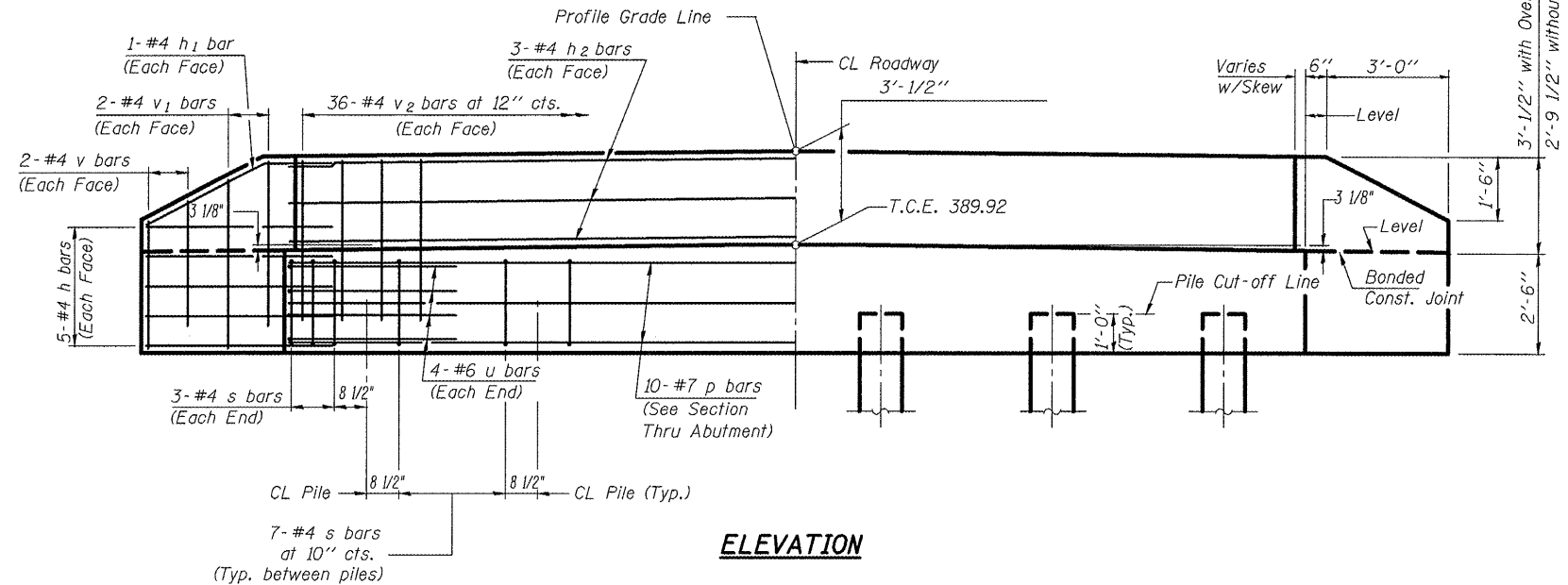


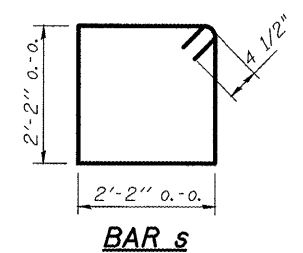
PLAN



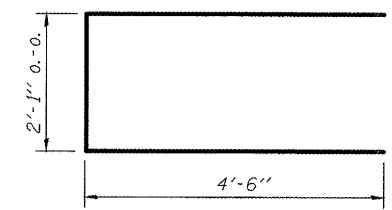
SECTION THRU ABUTMENT
 (At Right Angles)



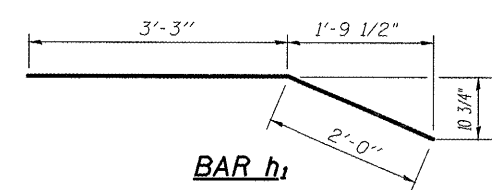
ELEVATION



BAR s



BAR u



BAR h1

BILL OF MATERIAL FOR ONE ABUTMENT

Bar	No.	Size	Length	Shape
h	20	#4	5'-0"	—
h1	4	#4	5'-3"	—
h2	6	#4	36'-2"	—
p	10	#7	36'-2"	—
s	41	#4	9'-5"	□
u	8	#6	11'-1"	▭
v	8	#4	3'-8"	—
v1	8	#4	4'-8"	—
v2	72	#4	4'-5"	—
Concrete Structures			13.6 Cu. Yds.	
Reinforcement Bars			1610 Lb.	

NOTES

1. The Backwall and the portion of the Wingwalls above the bonded construction joint shall be cast against the in-place beam.
2. Reinforcement bars shall conform to the requirements of A.A.S.H.T.O. M-31 or M-322, Grade 60.
3. Space reinforcement in cap to miss anchor bolts.

MAXIMUM PILE LOADS

SPAN	TONS
60'	35
70'	39
75'	41

DESIGN STRESSES

f'c = 3,500 psi
 fy = 60,000 psi

P.P.C. DECK BEAMS PILE BENT ABUTMENT		
30' RDWY.	33" BMS.	'D'=25" OR 30"