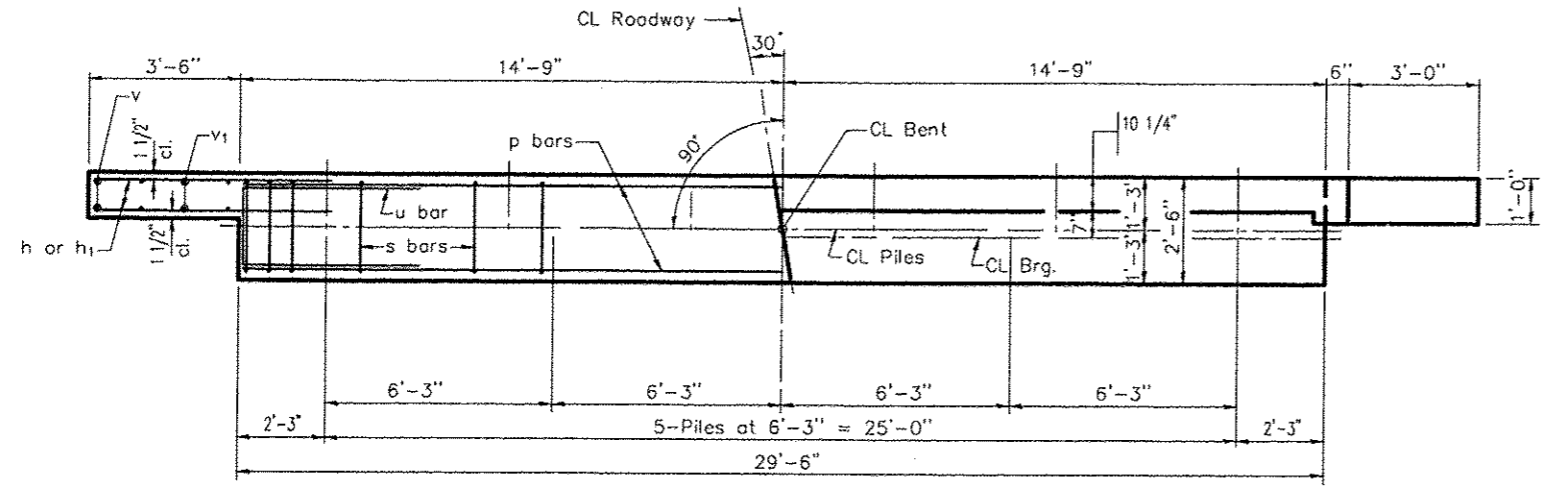
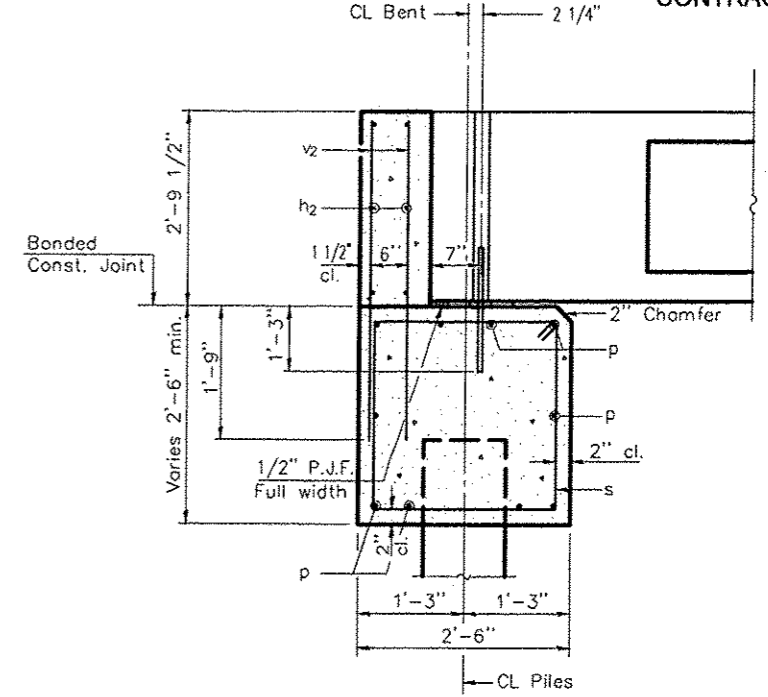


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00009-00-BR	FRANKLIN	11	6
VILLAGE OF ROYALTON		MAIN STREET		

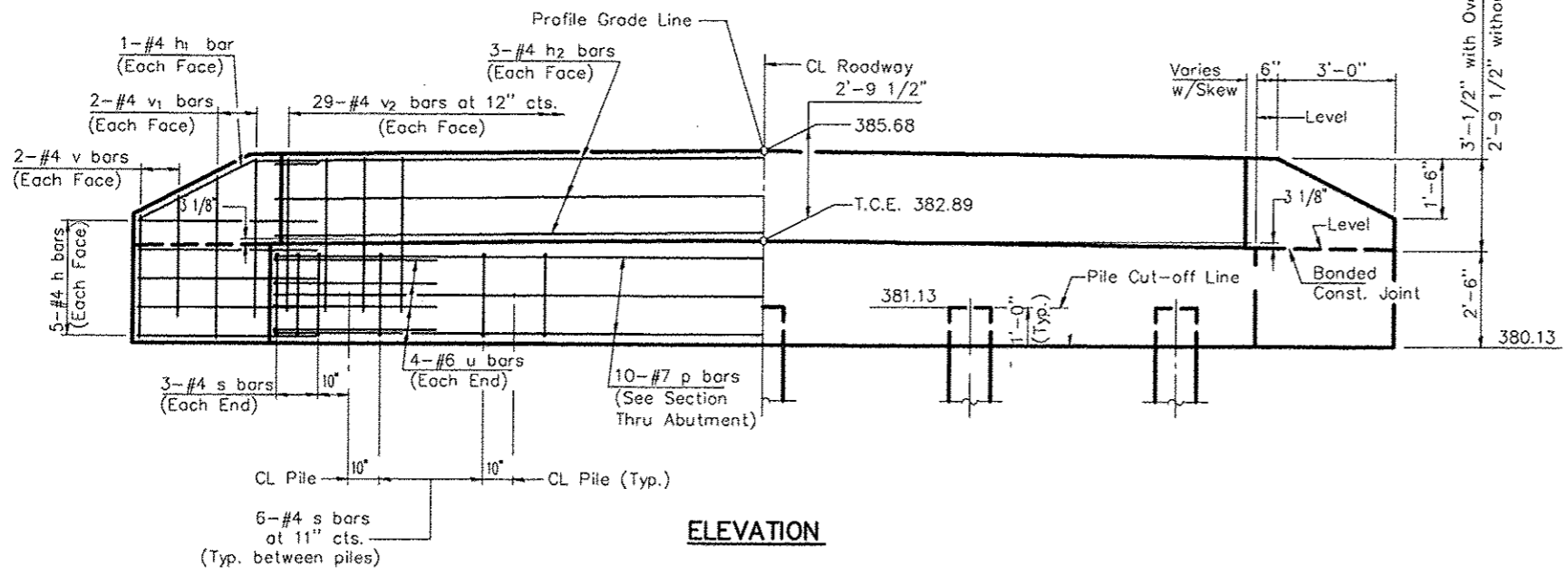
CONTRACT NO. 99502



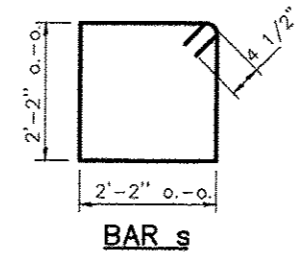
PLAN



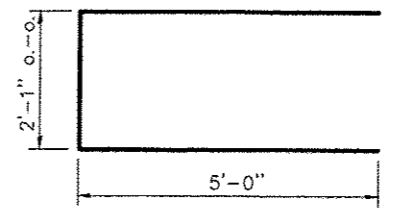
SECTION THRU ABUTMENT  
(At Right Angles)



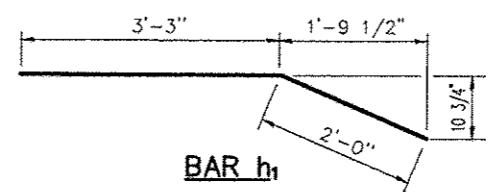
ELEVATION



BAR s



BAR u



BAR h1

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. Splice reinforcement in cap to miss anchor bolts.

DESIGN STRESSES

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

BILL OF MATERIAL FOR ONE ABUTMENT

Bar	No.	Size	Length	Shape
h	20	#4	5'-0"	—
h1	4	#4	5'-3"	—
h2	6	#4	29'-2"	—
p	10	#7	29'-2"	—
s	30	#4	9'-5"	□
u	8	#6	12'-1"	□
v	8	#4	3'-8"	—
v1	8	#4	4'-8"	—
v2	58	#4	4'-5"	—
Concrete Structures			11.3 Cu. Yds.	
Reinforcement Bars			1340 Lb.	

P.P.C. DECK BEAMS PILE BENT ABUTMENT		
24' RDWY.	33" BMS.	'D'=30'
SECTION 10-00009-00-BR VILLAGE OF ROYALTON		