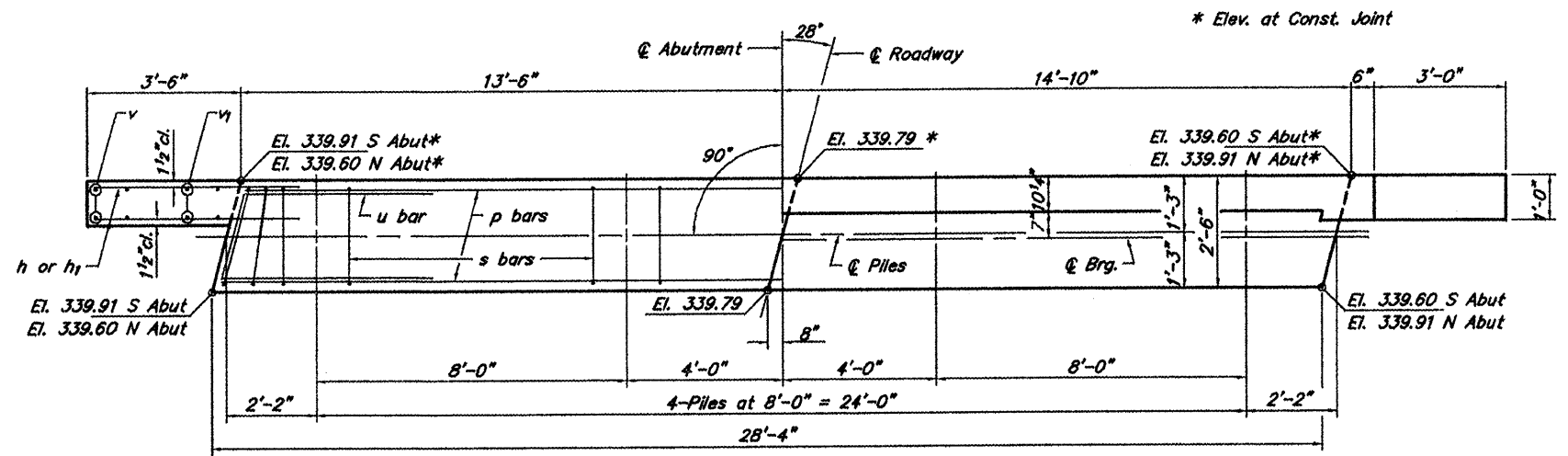
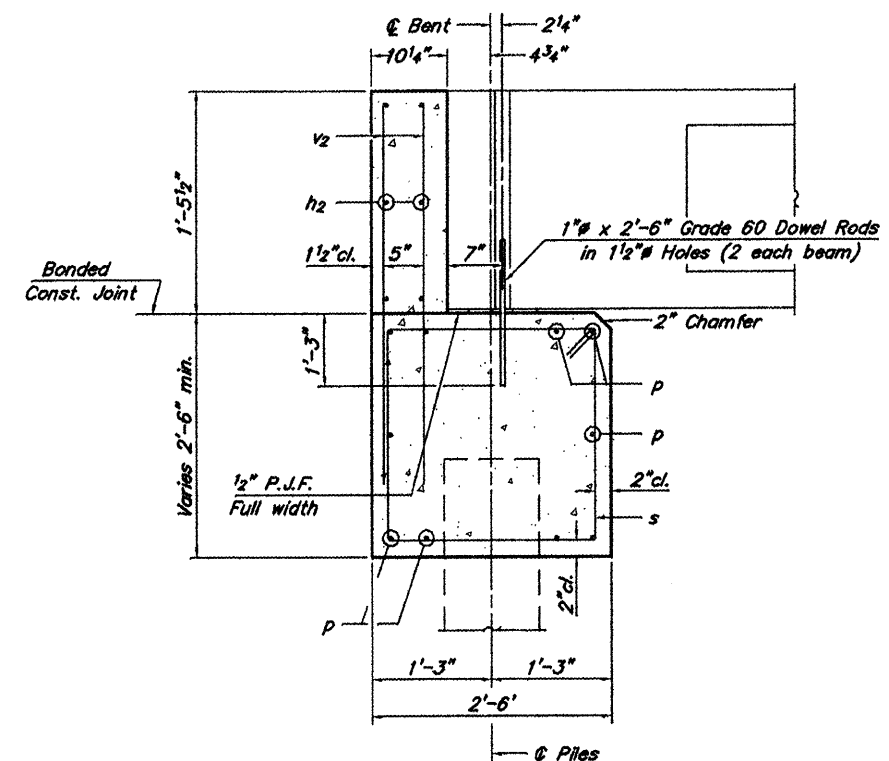


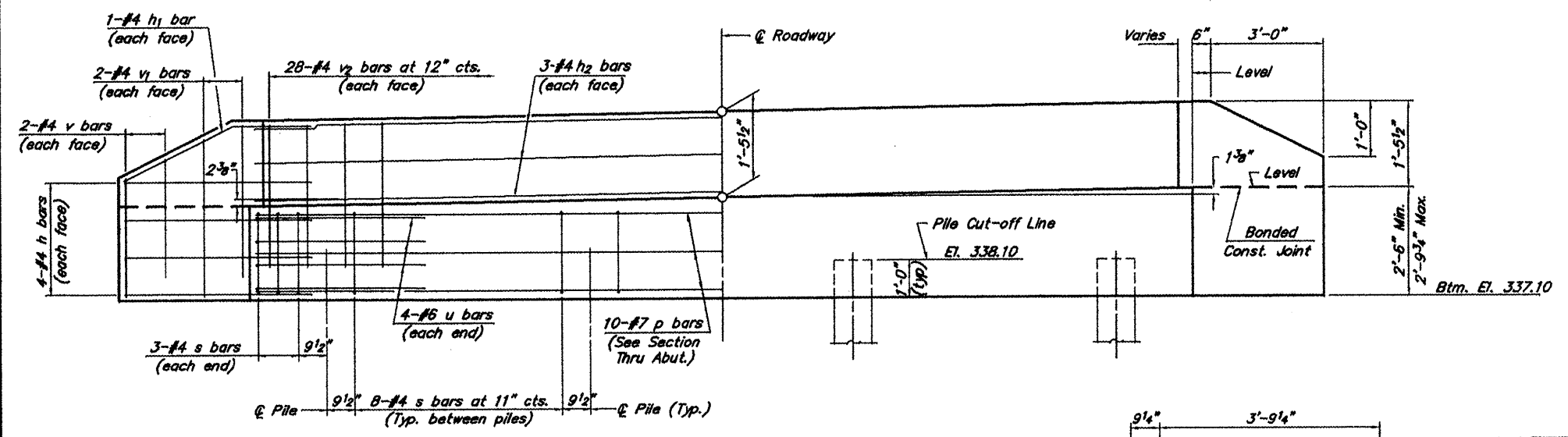
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
TR 23	09-01181-00-BR	PULASKI	13	8
PROJECT NO. BROS-153(31)		CONTRACT NO. 99421		



PLAN



SECTION THRU ABUT.
(At Right Angles)



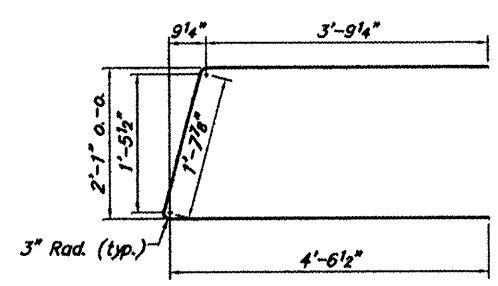
ELEVATION
(Reverse cross slope for S Abut)

NOTES

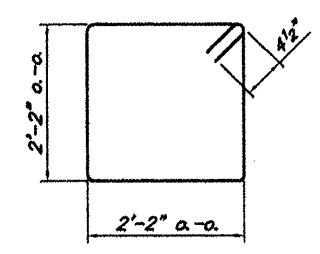
1. The Backwall and the portion of the Wingwalls above the banded construction joint shall be cast against the in-place beam.
2. Reinforcement bars shall conform to A.A.S.H.T.O. M-31, M-42 or M-53, Grade 60.

DESIGN STRESSES

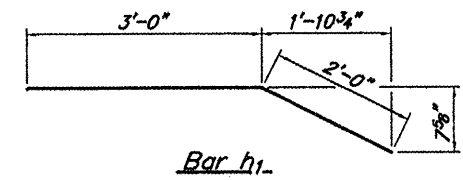
$f'_c = 3,500 \text{ psi}$
 $f_y = 60,000 \text{ psi}$



Bar u



Bar s



Bar h1

BILL OF MATERIAL
FOR ONE ABUTMENT

Bar	No.	Size	Length	Shape
h	16	#4	5'-6"	—
h1	4	#4	5'-6"	—
h2	6	#4	28'-0"	—
p	10	#7	28'-0"	—
s	30	#4	9'-5"	□
u	8	#6	10'-9"	—
v	8	#4	2'-10"	—
v1	8	#4	3'-6"	—
v2	56	#4	3'-1"	—
Concrete Structures			9.3	Cu. Yds.
Reinforcement Bars			1225	Lbs.

ABUTMENT
TOWNSHIP ROUTE 23 (ELCO ROAD)
INDIAN CAMP CREEK
SECTION 09-01181-00-BR
PULASKI COUNTY
STRUCTURE NO. 077-3141