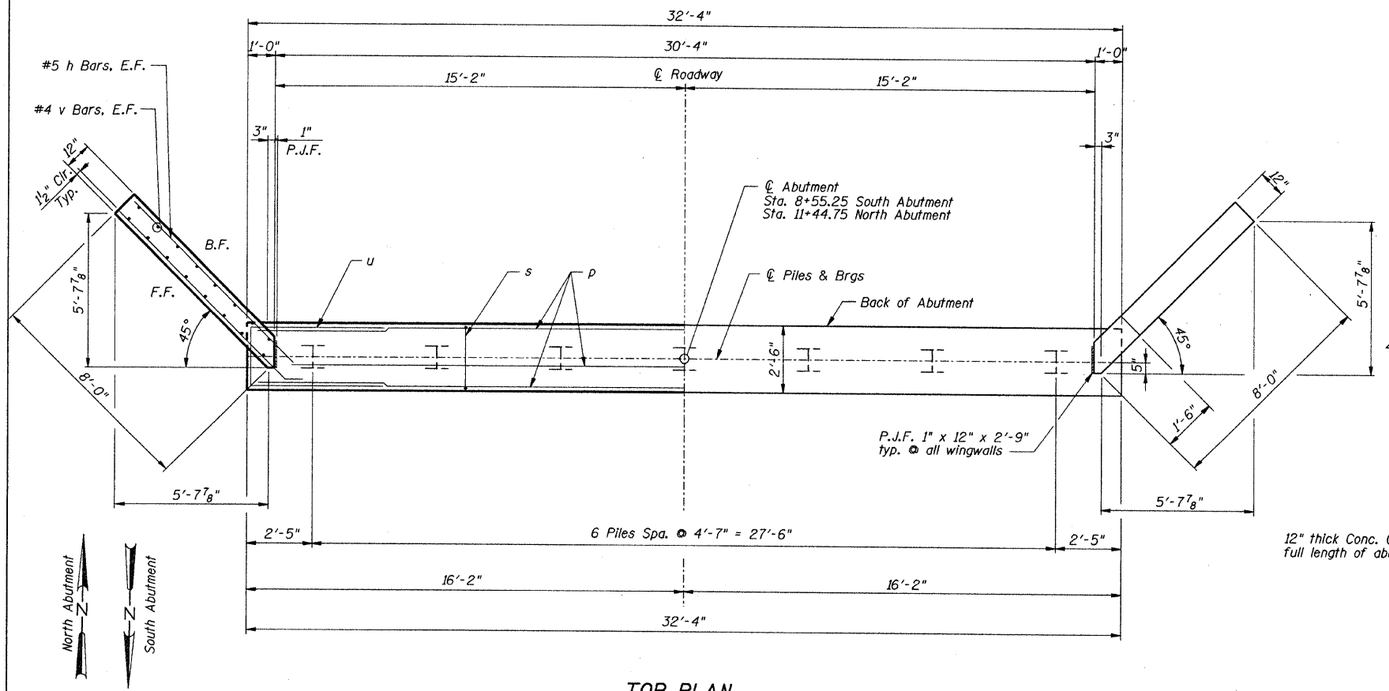
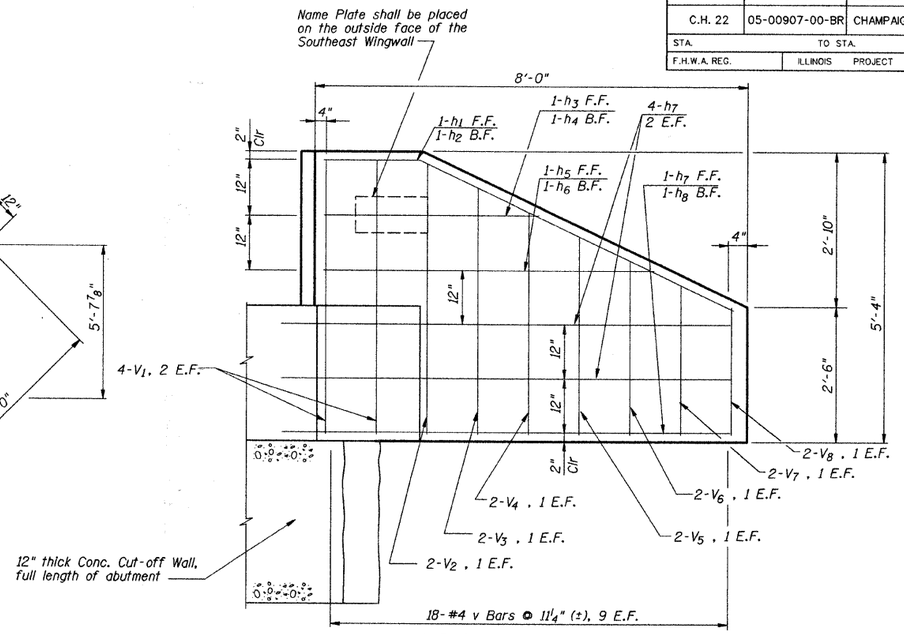
CONTRACT NUMBER 91395

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 22	05-00907-00-BR	CHAMPAIGN	36	13
STA.	TO STA.			
F.H.W.A. REG.	ILLINOIS PROJECT			



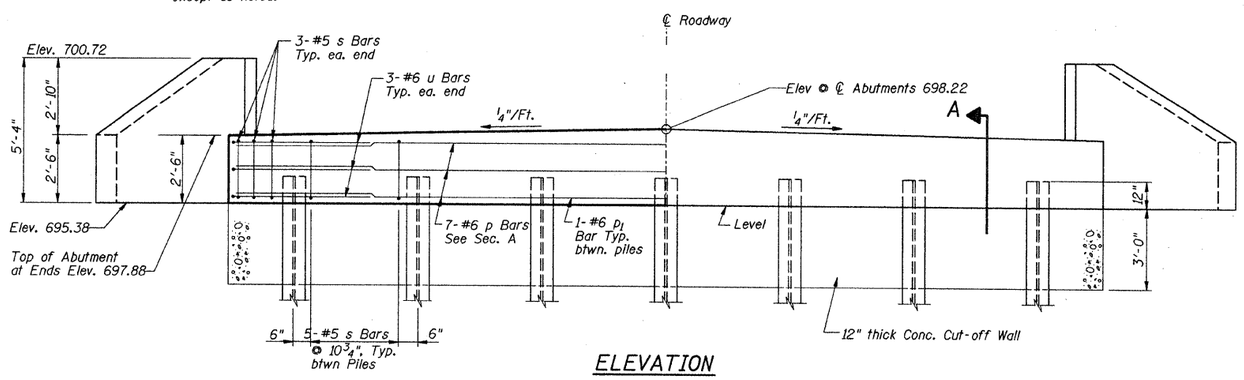
TOP PLAN



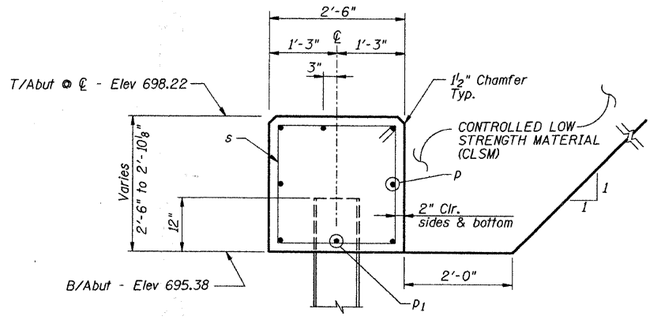
WINGWALL ELEVATION

Wingwalls shall be poured after beams are in place.

NOTE: All edges shall have Standard ¾" Chamfer, except as noted.



ELEVATION



SECTION A

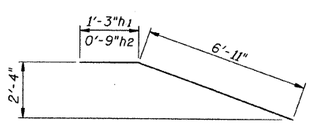
BILL OF MATERIAL-2 ABUTS.

Bar	No.	Size	Length	Shape
h1	4	#5	8'-2"	
h2	4	#5	7'-8"	
h3	4	#5	3'-5"	
h4	4	#5	2'-9"	
h5	4	#5	5'-8"	
h6	4	#5	5'-2"	
h7	20	#5	9'-6"	
h8	4	#5	8'-4"	
p	14	#6	32'-0"	
p1	12	#6	4'-1"	
s	72	#5	9'-7"	
u	12	#6	12'-0"	
v1	16	#4	5'-0"	
v2	8	#4	4'-8"	
v3	8	#4	4'-3"	
v4	8	#4	3'-10"	
v5	8	#4	3'-5"	
v6	8	#4	3'-1"	
v7	8	#4	2'-8"	
v8	8	#4	2'-3"	

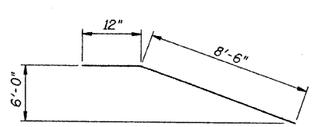
Concrete Structures	Cu. Yds.	20.4
Reinforcement Bars	Lbs.	2230
Test Pile, Steel HP12x53	Each	2
Furnishing and Driving Steel piles HP12x53	Foot	432
Pile Shoes	Each	14
Name Plate	Each	1
Concrete Cut-off Wall	Cu. Yds.	7.2
Structure Excavation	Cu. Yds.	125
Cont. Low Strength Mat.	Cu. Yds.	51

PILE DATA

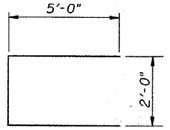
Type:	Steel HP 12x53
No. Required:	6 North Abutment 6 South Abutment
Nominal Required Bearing: Allowable Resistance Available:	210 kips 70 kips
Est. Length:	36 Ft. North Abutment 36 Ft. South Abutment
Test Piles:	1 North Abutment 1 South Abutment



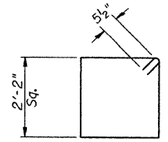
BAR h1, h2



BAR h7



BAR u



BAR s

ABUTMENT
SECTION: 05-00907-00-BR
CHAMPAIGN COUNTY
℄ STATION 10+00

RTM-ABT.dgn 7/2/2009 7:31:44 AM