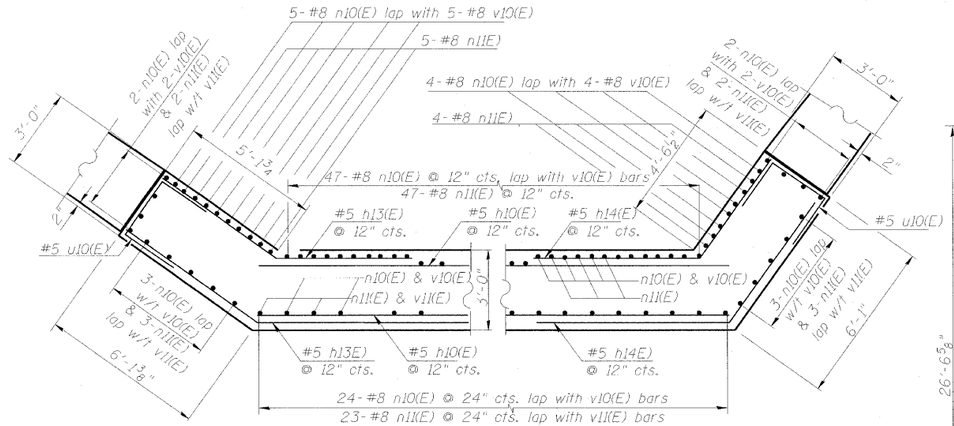
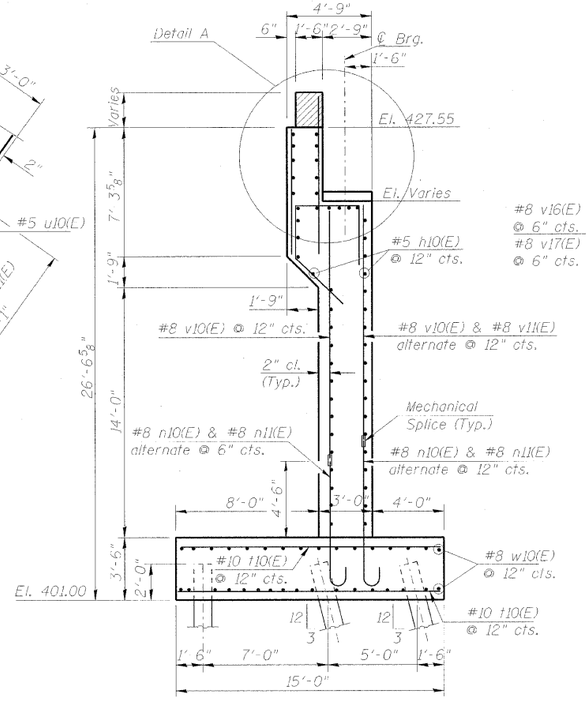
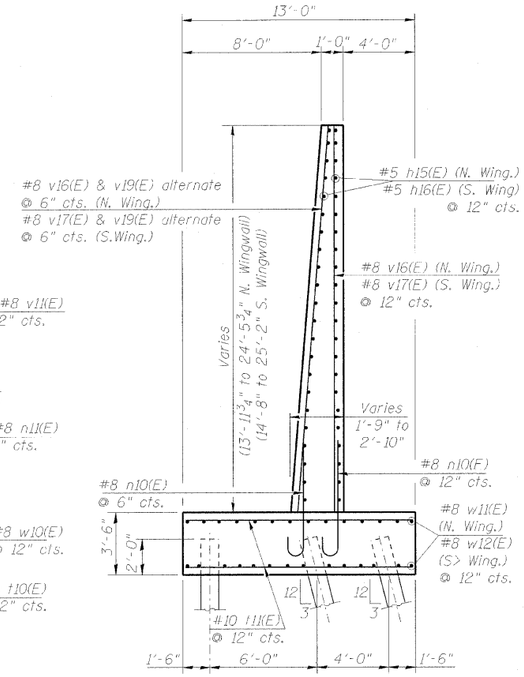


SECTION B-B SECTION C-C



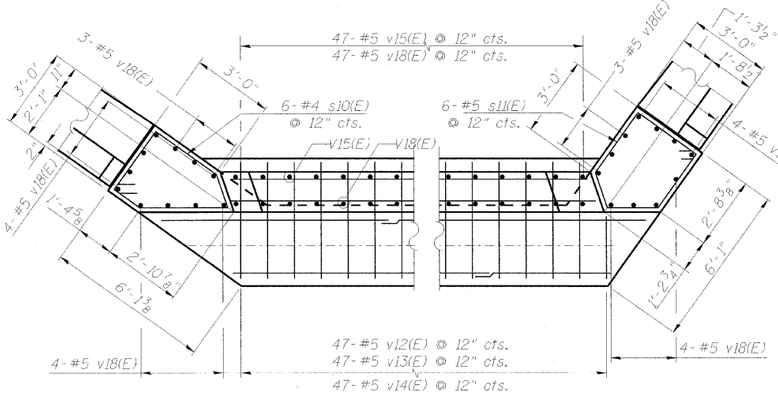
SECTION A-A



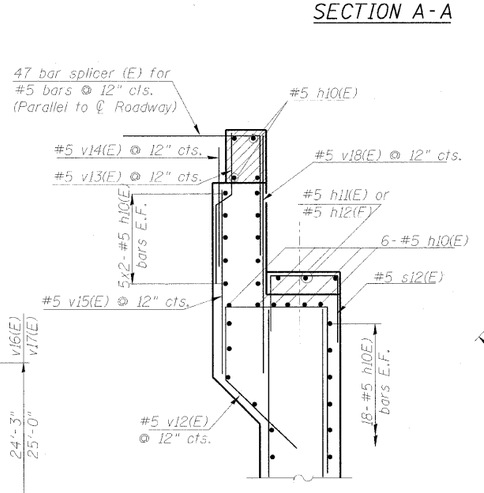
SECTION F-F

EAST ABUTMENT BILL OF MATERIAL

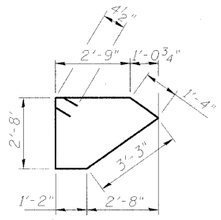
Bar	No.	Size	Length	Shape
h10(E)	112	#5	24'-1"	
h11(E)	3	#5	18'-0"	
h12(E)	3	#5	14'-6"	
h13(E)	36	#5	8'-3"	
h14(E)	36	#5	8'-3"	
h15(E)	41	#5	34'-8"	
h16(E)	41	#5	23'-8"	
h17(E)	2	#5	36'-0"	
h18(E)	2	#5	25'-8"	
n10(E)	267	#8	8'-8"	
n11(E)	89	#8	14'-2"	
s10(E)	6	#4	11'-11"	
s11(E)	6	#4	11'-10"	
s12(E)	33	#5	6'-6"	
t10(E)	98	#10	14'-8"	
t11(E)	152	#10	12'-8"	
u10(E)	36	#5	10'-7"	
v10(E)	90	#8	13'-7"	
v11(E)	33	#8	8'-1"	
v12(E)	47	#5	13'-5"	
v13(E)	47	#5	3'-7"	
v14(E)	47	#5	3'-0"	
v15(E)	47	#5	6'-1"	
v16(E)	35	#8	38'-0"	
v17(E)	24	#8	39'-6"	
v18(E)	69	#5	7'-6"	
v19(E)	69	#8	13'-6"	
w10(E)	61	#8	26'-8"	
w11(E)	28	#8	42'-6"	
w12(E)	28	#8	32'-0"	
Structure Excavation		Cu. Yd.	1,605	
Concrete Structures		Cu. Yd.	454.8	
Reinforcement Bars, Epoxy Coated		Pound	55,390	
Bar Splicers		Each	47	
Furnishing Metal Shell Piles 14"x0.250"		Foot	3,740	
Driving Piles		Foot	3,740	
Test Pile Metal Shells		Each	1	
Concrete Sealer		Sq. Ft.	2,436	
Geocomposite Wall Drain		Sq Yd	263	
Pipe Underdrains for Structures 4"		Foot	117	
Mechanical Splice		Each	123	
Form Liner Textured Surface		Sq. Ft.	1,908	



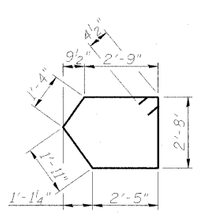
SECTION D-D SECTION E-E



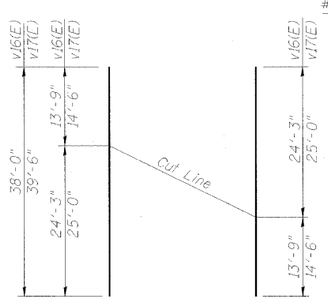
DETAIL A



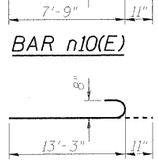
BAR s10(E)



BAR s11(E)

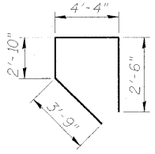


CUTING DIAGRAM

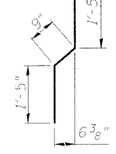


BAR n10(E)

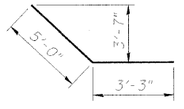
BAR n11(E)



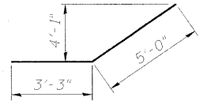
BAR v12(E)



BAR v13(E)

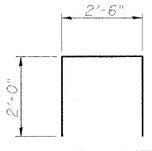


BAR h13(E)



BAR h14(E)

BAR u10(E)



BAR s12(E)

Notes:

Concrete Sealer shall be applied to the area of Form Liner Textured Surface as well as the area of bearing seats, backwall and top of wingwalls.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JXH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST ABUTMENT DETAILS EXCHANGE AVENUE OVER I-55 /70 (S.N. 082-0378)
		DRAWN - JHR	REVISED -		
	PLOT SCALE = $SCALE$	CHECKED - CHY	REVISED -		SCALE: / SHEET NO. S-27 OF S-37 SHEETS / STA. / TO STA.
	PLOT DATE = $DATE$	DATE - 10-09-09	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-1HB	ST. CLAIR	236	186
		CONTRACT NO. 76C55		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			