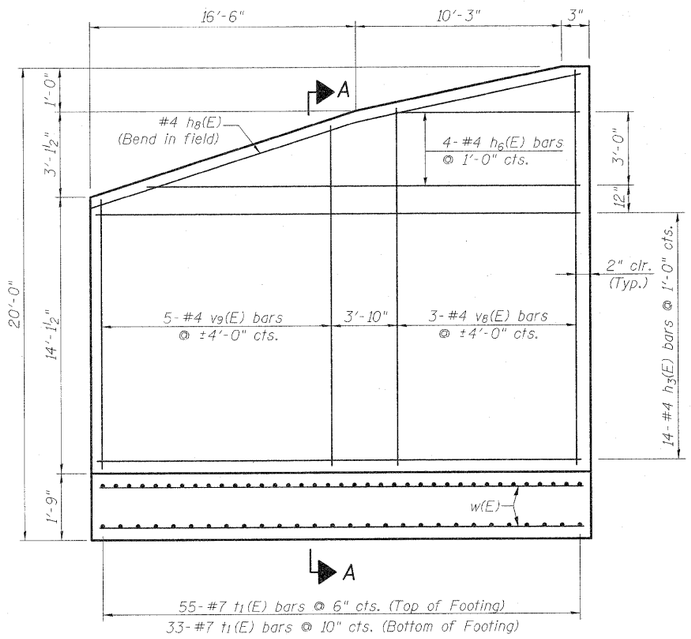
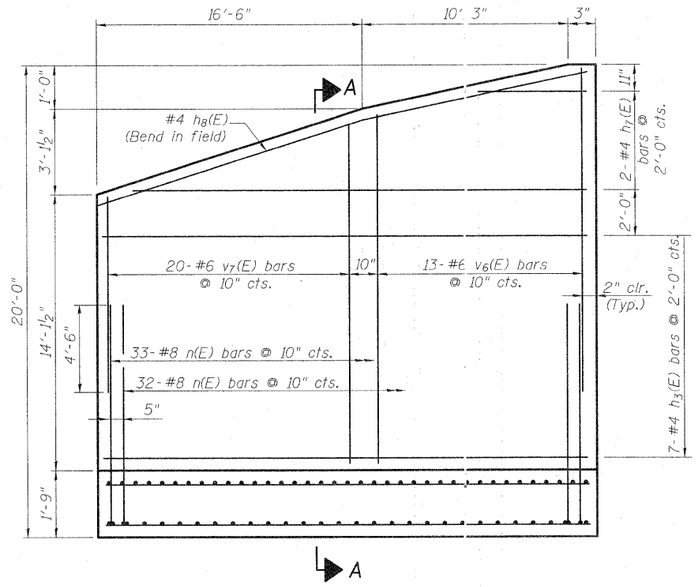
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

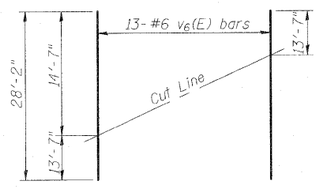




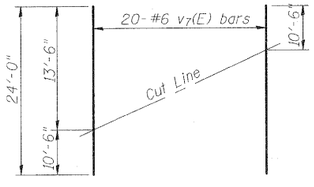
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a_1(E)	124	#8	19'-10"	
a_2(E)	38	#4	18'-0"	
d (E)	62	#4	5'-5"	
h_1(E)	272	#6	14'-8"	
h_2(E)	12	#7	18'-0"	
h_3(E)	82	#4	26'-8"	
h_4(E)	7	#4	28'-11"	
h_5(E)	4	#4	27'-2"	
h_6(E)	4	#4	33'-10"	
h_7(E)	2	#4	39'-11"	
h_8(E)	4	#4	28'-0"	
n (E)	260	#8	10'-4"	
s_1(E)	102	#4	5'-7"	
t_1(E)	352	#7	13'-1"	
v (E)	132	#7	14'-7"	
v_1(E)	124	#7	4'-5'	
v_2(E)	36	#5	13'-10"	
v_3(E)	8	#7	8'-0"	
v_4(E)	33	#6	23'-11"	
v_5(E)	8	#4	30'-11"	
v_6(E)	13	#6	28'-2"	
v_7(E)	20	#6	24'-0"	
v_8(E)	3	#4	35'-5"	
v_9(E)	5	#4	30'-10'	
w (E)	80	#5	26'-8"	
Concrete Box Culverts			Cu. Yd.	255.3
Reinforcement Bars, Epoxy Coated			Pound	43,260

FRONT FACE

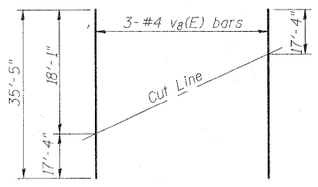


FIELD CUTTING DIAGRAM
(v_6(E) bars)

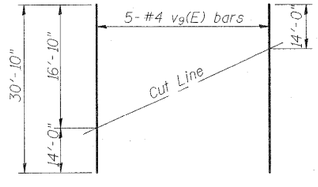


FIELD CUTTING DIAGRAM
(v_7(E) bars)

EAST WINGWALL REINFORCEMENT



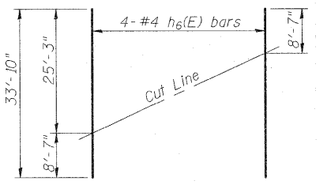
FIELD CUTTING DIAGRAM
(v_8(E) bars)



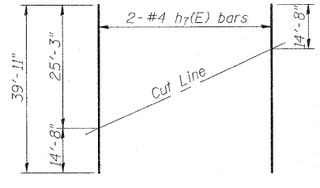
FIELD CUTTING DIAGRAM
(v_9(E) bars)

Order bars full length. Cut as shown and use remainder of bars in opposite wing.

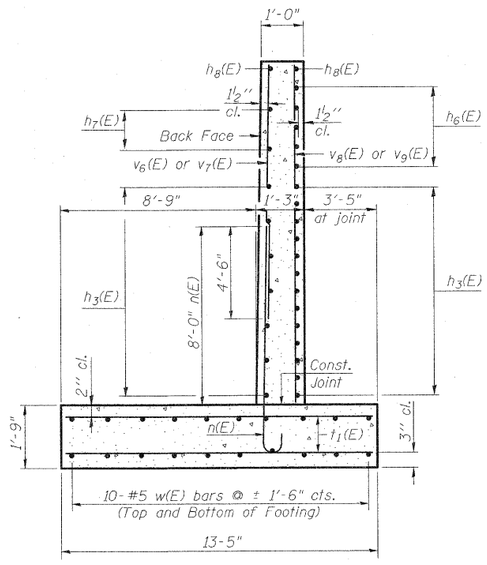
BACK FACE



FIELD CUTTING DIAGRAM
(h_6(E) bars Front Face)



FIELD CUTTING DIAGRAM
(h_7(E) bars Back Face)



SECTION A-A

DESIGNED	B.B.
CHECKED	C.J.F.
DRAWN	J.G.
CHECKED	C.J.F. & B.B.

BERNARDIN LOCHMUELLER & ASSOCIATES, INC.
3 Oak Drive
Maryville, IL 62062-5655
Local-(618) 288-4665
Fax 618-288-4666

EAST EXTENSION WING WALLS
STRUCTURE NO. 025-2018

SHEET NO. 7	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9 SHEETS	70	(25-3)BY	EFFINGHAM	1416	473
	SN 025-2018		CONTRACT NO. 74296		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

03/03 AM 2/26/2010 -1025.2018.dgn