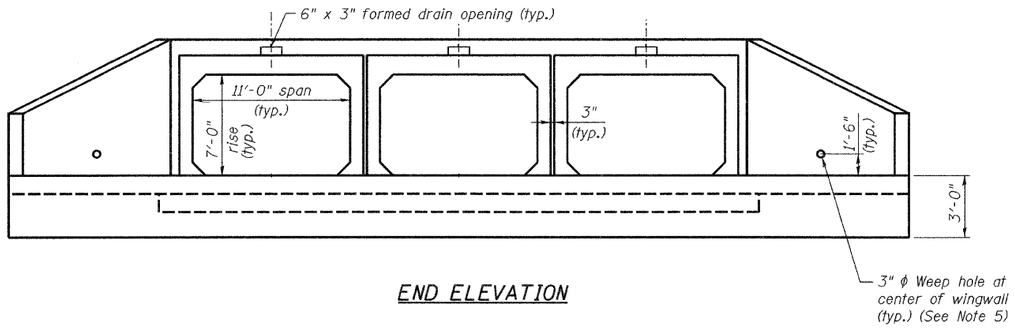
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

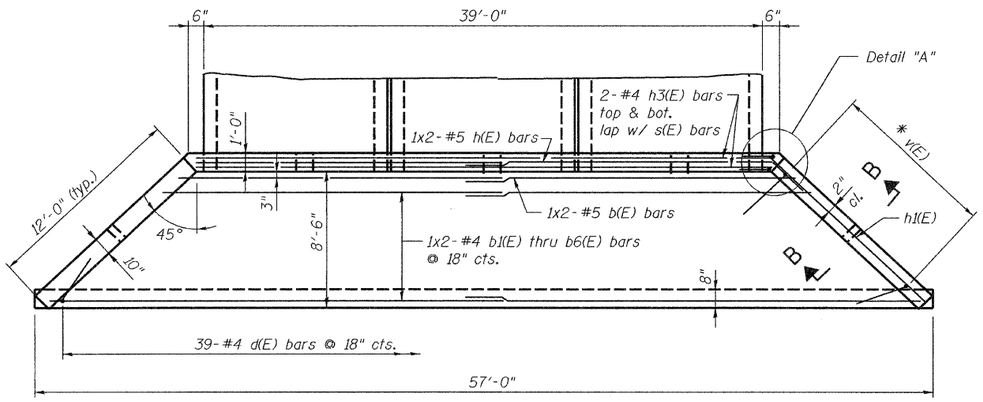
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 649	(107) BR	LASALLE	24	16
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. S5
S7 SHEETS

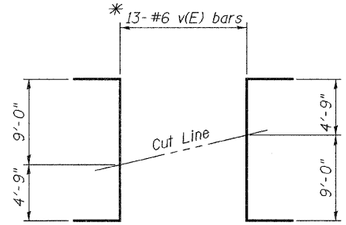
Contract # 66844



END ELEVATION

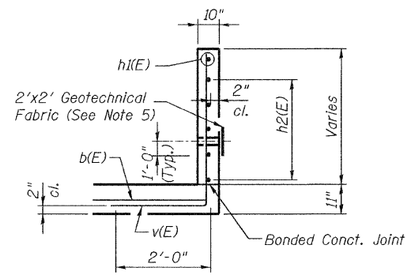


PLAN

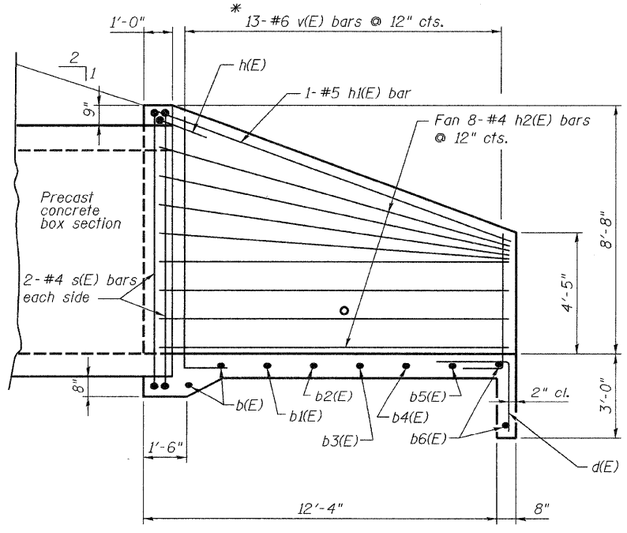


FIELD CUTTING DIAGRAM

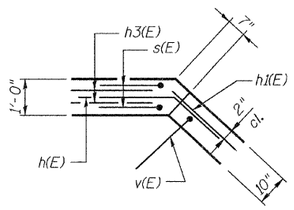
* Order v(E) bars full length.
Cut to fit as shown and use remaider of bars in other side of apron.



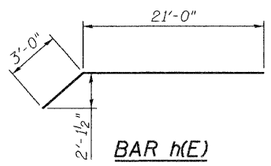
SECTION B-B



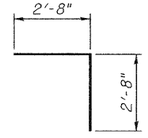
HALF SIDE ELEVATION



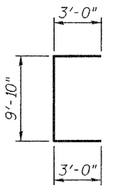
DETAIL "A"



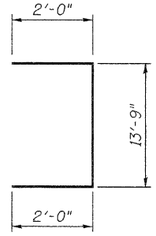
BAR h(E)



BAR d(E)



BAR s(E)



BAR v(E)

BILL OF MATERIAL **

Bar	Size	No.	Length	Shape
b(E)	#5	8	21'-3"	
b1(E)	#4	4	22'-6"	
b2(E)	#4	4	24'-0"	
b3(E)	#4	4	25'-6"	
b4(E)	#4	4	27'-0"	
b5(E)	#4	4	28'-5"	
b6(E)	#4	8	29'-9"	
d(E)	#4	78	5'-4"	
h(E)	#5	4	24'-0"	
h1(E)	#5	4	12'-9"	
h2(E)	#4	32	12'-0"	
h3(E)	#4	8	39'-0"	
s(E)	#4	8	15'-10"	
v(E)	#6	52	17'-9"	

Item	Unit	Total
Class SI Concrete	C.Y.	49.7
Reinforcement Bars, Epoxy Coated	Lbs.	3,050

** For two aprons. The quantities shown are for information only.

MIN. BAR LAP
#4 - 1'-8"
#5 - 2'-2"

NOTES:
1. Class SI concrete shall be used throughout.
2. Exposed edges shall be beveled ¾".
3. Bars indicated thus 1x2-#4 etc. indicates 1 line of bars with 2 lengths per line.
4. All construction joints shall be bonded.
5. Cover 3" ϕ weep holes with geotechnical fabric for box culvert end section and precast box culvert.

DESIGNED -	MRB
CHECKED -	HMA
DRAWN -	VH
CHECKED -	MRB

benesch
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Chicago, Illinois 60601
312-565-0450
Job # 3938.01

CAST IN PLACE APPRON DETAILS
ILLINOIS 17 OVER SOUTH BRANCH
OF MOON CREEK
F.A.P. ROUTE 649 SEC. NO. (107) BR
LASALLE COUNTY
STATION 50+98.00
STRUCTURE NO. 050-2044

...\50-2044-66844-16-CastInglnPlaceEnd.dgn
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