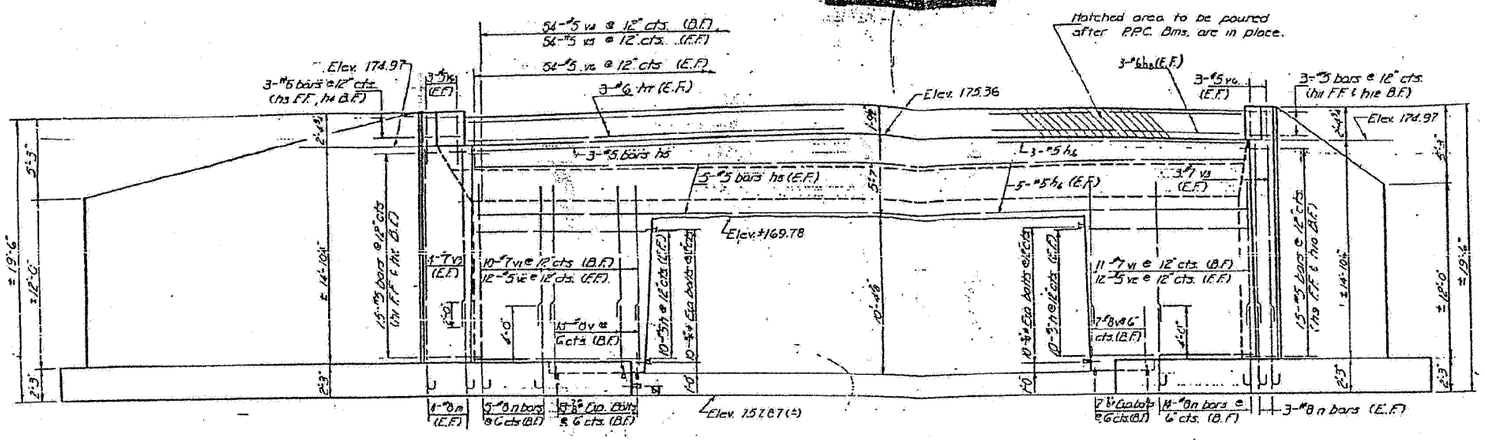
CONTRACT NO. 66584

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	102X-BR-2	McLEAN	44	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS

					SHEET NO. 6
119	*	McLEAN	153	64	9 SHEETS

_____ (101, 102, 102X) F.A.U. (R3 & 102X-BR.)



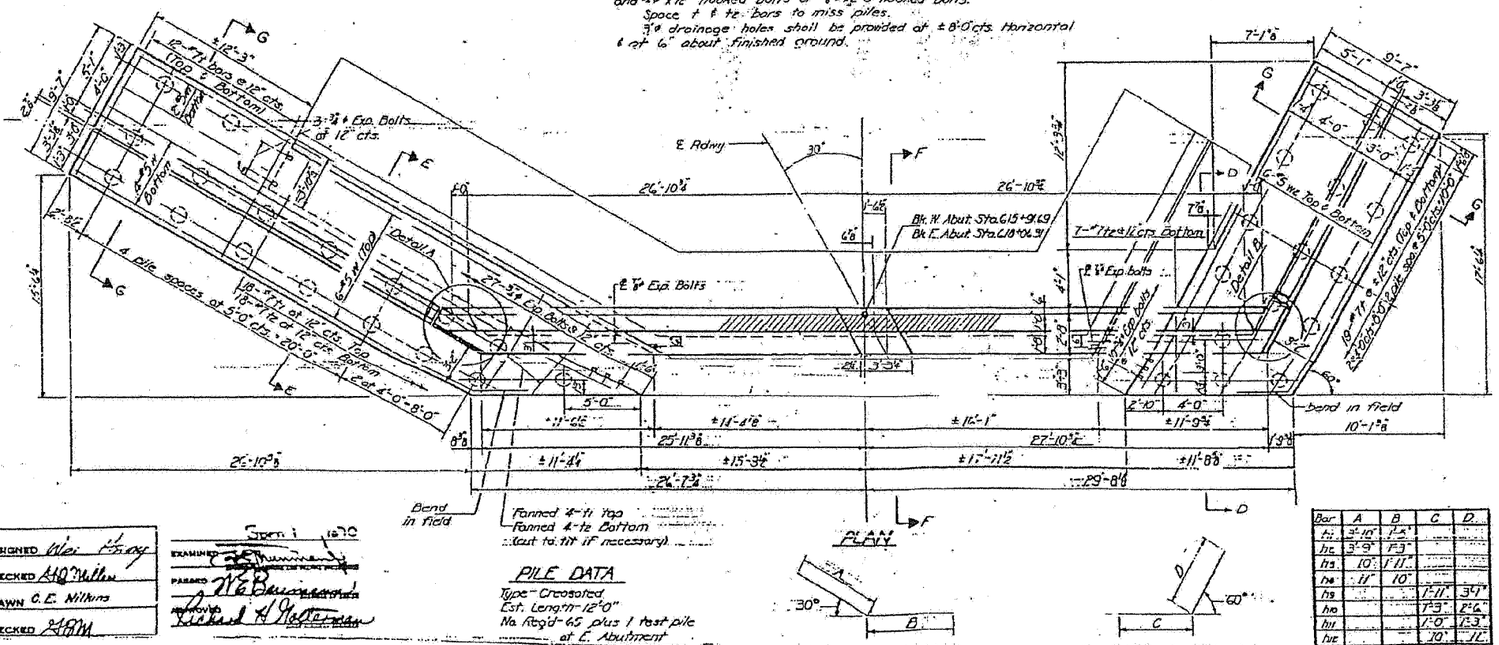
ELEVATION

Remove Existing Concrete to Elev. 169.78 where there is new concrete on top. Clean & leave existing Vertical reinforcement in place. Remove some part of Wing Wall to ±1'-0" below finished grade.

Expansion bolts shall consist of self-drilling expansion anchors and ¾"ø x 12" hooked bolts or ¾"ø x 2'-0" hooked bolts.

Space ℄ ℄s bars to miss piles.

3"ø drainage holes shall be provided at ±8'-0" cts. Horizontal & at 6" about finished ground.



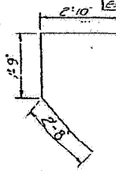
PILE DATA

Type - Creosoted
Est. Length - 12'-0"
No. Req'd - 65 plus 1 test pile at E. Abutment

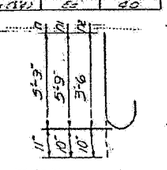
BARS h1 Thru h8

BARS h9 Thru h12

Bar	A	B	C	D
h1	3'-10"	1'-4"		
h2	3'-9"	1'-3"		
h3	10"	1'-11"		
h4	11"	10"		
h9			1'-11"	34°
h10			1'-3"	2'-6"
h11			1'-0"	1'-3"
h12			10"	1'-1"



BAR v4



BARS n, n1 & n2

TWO ABUTMENTS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	60	#5	11'-3"	
h1	30	#5	5'-3"	
h2	30	#5	5'-0"	
h3	6	#5	2'-9"	
h4	6	#5	1'-9"	
h5	26	#5	20'-6"	
h6	26	#5	34'-3"	
h7	12	#6	20'-6"	
h8	12	#6	34'-6"	
h9	30	#5	5'-0"	
h10	30	#5	3'-9"	
h11	6	#5	2'-3"	
h12	6	#5	1'-9"	
h13	40	#5	75'-9"	
h14	40	#5	14'-9"	
n	66	#8	6'-8"	
n1	82	#7	6'-7"	
n2	82	#7	6'-4"	
t	124	#7	5'-4"	
t1	44	#7	8'-8"	
t2	58	#7	5'-5"	
v	40	#8	2'-9"	
v1	42	#7	10'-0"	
v2	48	#5	11'-0"	
v3	28	#7	12'-9"	
v4	108	#5	7'-3"	
v5	108	#5	5'-3"	
v6	240	#5	3'-3"	
v7	82	#7	6'-6"	
v8	26	#5	6'-6"	
v9	38	#5	11'-9"	
v10	38	#5	10'-0"	
v11	32	#5	8'-3"	
w	20	#5	39'-0"	
w1	8	#5	12'-3"	
w2	24	#5	23'-0"	
Class X Concrete		Cu. Yds.		224.6
Reinforcement Bars		Lbs.		21,300
Creosoted Piles		Lin. Ft.		780
Test Piles (Timber)		Each		1
Concrete Removal		Cu. Yds.		25.5
Expansion Bolts (3/4")		Ea.		120
Expansion Bolts (3/4")		Ea.		90

DESIGNED	Wei Hsiang
CHECKED	A.L.O. Miller
DRAWN	C.E. Wilkins
CHECKED	J.S.M.

EXAMINED: Sept. 1, 1970
PASSED: W.B. Beaumont
APPROVED: Richard H. Gutterman

ABUTMENTS
FA. RT. 119 SEC. 102X-BR
McLEAN COUNTY
STA. 6+16+99

W.B.E. CO. 10-1-1970

FOR INFORMATION ONLY

EXISTING BRIDGE PLANS