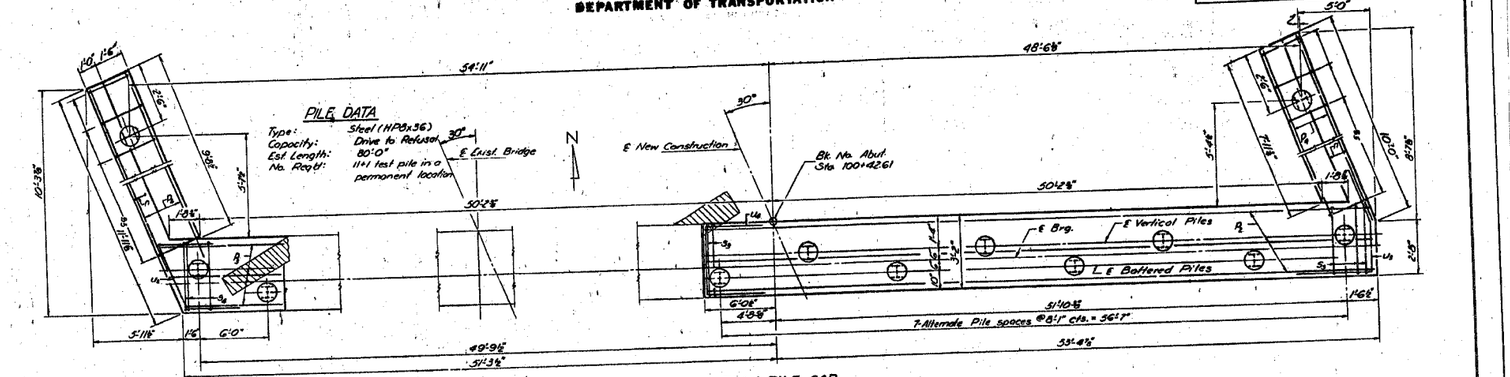
520

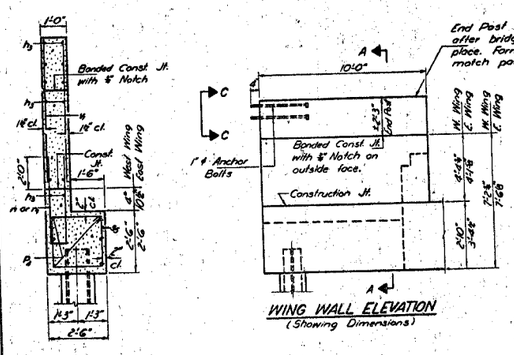
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SECT. NO.	COUNTY	PROJECT	SHEET NO.	SHEET TOTAL
F.A.P. 805	147	St Clair	147	59

SHEET NO. 16
20 SHEETS



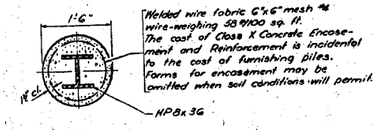
PLAN-PILE CAP



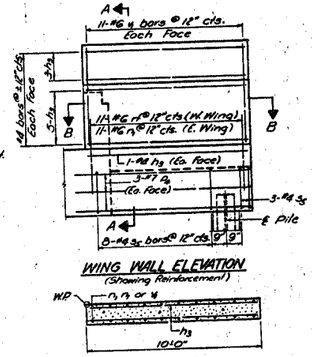
WING WALL ELEVATION
(Showing Dimensions)

SEC. A-A

Notes:
Space reinforcement in cap to miss anchor bolts.
Four steps monolithically with cap.
Work this sheet with sheet #15.



SECTION D-D
3'-0" Concrete Encasement



WING WALL ELEVATION
(Showing Reinforcement)

SEC. B-B

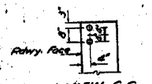
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	14	#5	30'-1"	
h1	6	#3	6'-0"	
h2	6	#5	6'-0"	
h3	36	#4	9'-9"	
h4	7	#5	9'-6"	
n	11	#6	7'-11"	
n1	11	#6	9'-1"	
p2	14	#7	30'-9"	
p3	7	#7	9'-0"	
p4	12	#7	9'-9"	
s1	60	#6	12'-5"	
s2	10	#4	11'-5"	
s3	22	#4	9'-3"	
u1	3	#6	10'-2"	
u2	4	#6	8'-6"	
u4	4	#6	3'-9"	
v	140	#4	4'-6"	
w	44	#6	6'-3"	
v2	87	#5	3'-0"	
Concrete Removal			Cu. Yd.	2
Class X Concrete			Cu. Yd.	436
Reinforcement Bars			Pound	18200
Expansion Bolts ¾" ϕ			Each	6
Steel Piles (HP8x36)			Lin. Ft.	880
Test Piles Steel (HP8x36)			Each	1

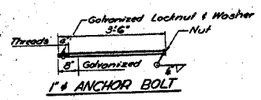
NORTH ABUTMENT DETAILS
F.A.P. RT. 805 SEC. 147B-1
ST. CLAIR COUNTY
STA. 101+03.82

DESIGNED Stanley J. Lis
CHECKED J. Ostrand
J.S.
DRAWN A. Daly
CHECKED

EXAMINED
PASSED
Status Approved



VIEW C-C



1" ϕ ANCHOR BOLT

FOR INFORMATION ONLY