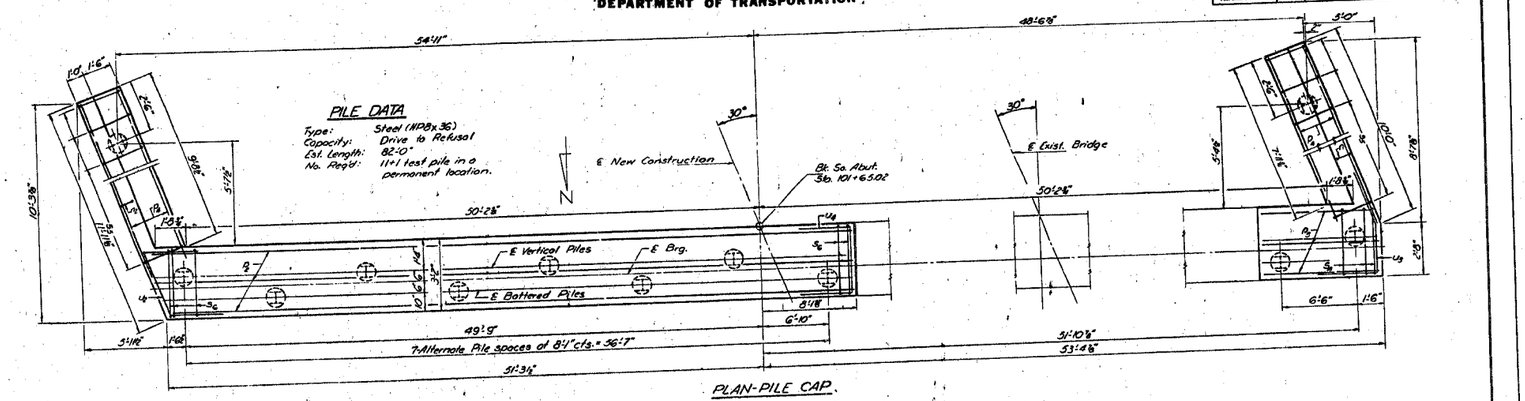
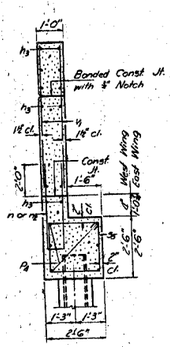
53Q

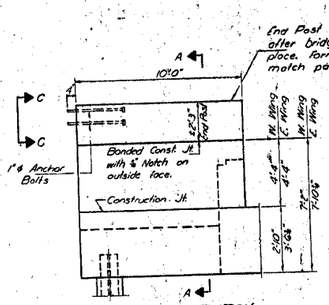
SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 805	147	St. Clair	147	61

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



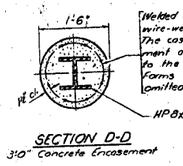


SEC. A-A

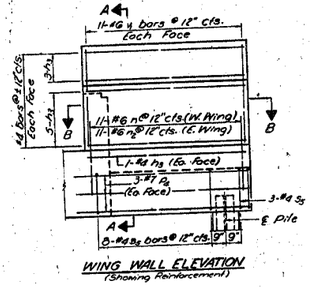


WING WALL ELEVATION
(Showing Dimensions)

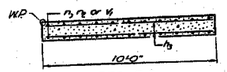
Notes:
Space reinforcement in cap to miss anchor bolts.
Poke steps monolithically with cap.
Work this sheet with sheet # 17.



SECTION D-D
3'-0" Concrete Encasement



WING WALL ELEVATION
(Showing Reinforcement)



SEC. B-B

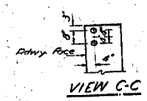
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	14	#5	30'-3"	
h1	6	#5	6'-0"	
h2	6	#5	6'-0"	
h3	36	#4	9'-9"	
h5	7	#5	9'-0"	
n	11	#6	7'-11"	
n2	11	#6	9'-5"	
P2	14	#7	30'-9"	
P4	12	#7	9'-9"	
P5	7	#7	8'-6"	
S4	10	#4	11'-5"	
S3	22	#4	9'-5"	
S5	60	#4	12'-9"	
U2	3	#6	10'-2"	
U3	4	#6	8'-6"	
U4	4	#6	6'-9"	
V	180	#4	2'-6"	
W	44	#6	6'-2"	
V2	28	#3	3'-0"	
Concrete Removal			Cu. Yd.	3
Class X Concrete			Cu. Yd.	232
Reinforcement Bars			Pound	4200
Expansion Bolts ¾ ϕ			Each	4
Steel Piles (HP8x36)			Lin. Ft.	902
Test Piles (Steel HP8x36)			Each	1

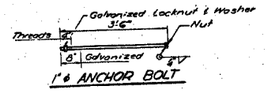
SOUTH ABUTMENT DETAILS
F.A.P. RT. 805 SEC. 147BH
ST. CLAIR COUNTY
STA. 101+03.82

DESIGNED	Stanley J. Zak
CHECKED	J.D. Thomas
DRAWN	A. Patel
CHECKED	M.E.

EXAMINED
APPROVED
Date 10-1-82



VIEW C-C



1" ϕ ANCHOR BOLT

FOR INFORMATION ONLY