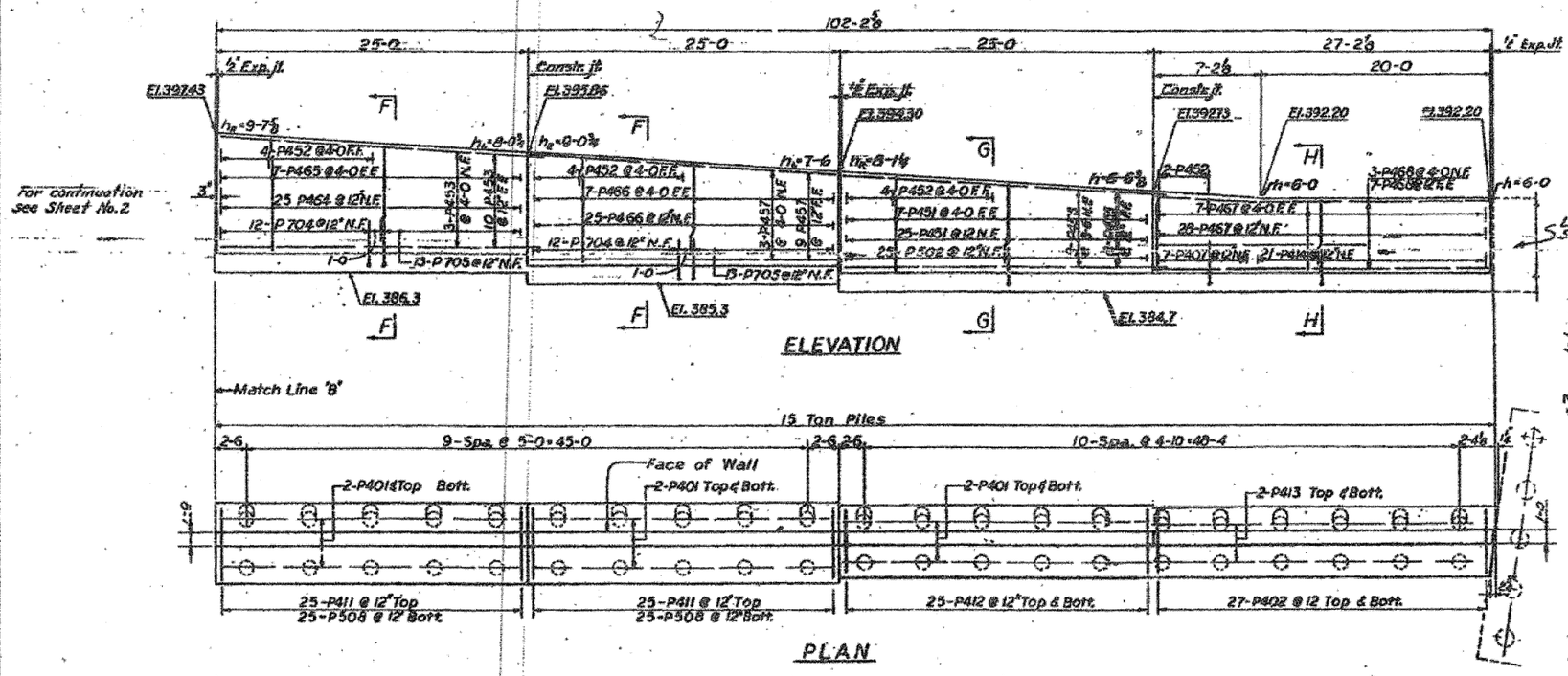
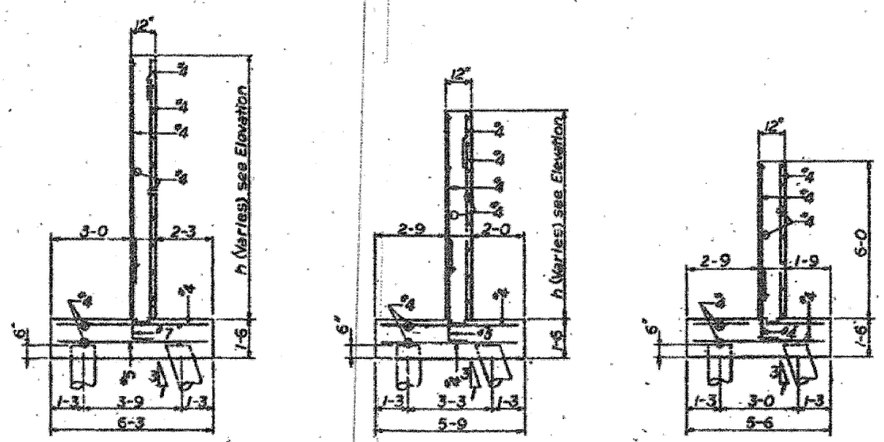
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
		F.A.I. 70 (82-1-R(A), 82-1-R(B))		St. Clair	144	72



2-8	P407
2-3	P414
4-0	P508
4-9	P702
3-11	P703
4-2	P704
3-4	P705
5-7	P706
4-10	P707
6-1	P710
5-4	P711

4-6	P803
3-0	P804
3-3	P805
4-3	P806
4-11	P807
4-1	P808
6-4	P708
5-7	P709



PILE DATA

82 — 15 Ton Piles
Estimated average length 20 ft.
61 — 20 Ton Piles
Estimated average length 27 ft.
Test piles indicated thus ⊗

BILL OF MATERIALS

Class "X" Concrete	Cu. Yds.	253.5
Reinforcement Bars	Lbs.	15,810
Furn. Creosoted Piles (Up to 40')	Lin. ft.	1640
Furn. Creosoted Piles (Over 40')	Lin. ft.	1647
Test Piles (Timber)	Ea.	1
Class "A" Excavation for Structures	Cu. Yds.	209
8" φ Perf. C.M.P.	Lin. ft.	357
Driving Timber Piles	Lin. ft.	3287

MINIMUM LAP OF DOWELS & MAIN STEM BARS

#5 Dowel & #4 Bars 1-3
#7 Dowel & #4 Bars 1-6
#6 Dowel & #4 Bars 1-8
#8 Dowel & #5 Bars 1-11

BAR SCHEDULE

LOCATION	MARK	NO. REQ'D	SIZE	LENGTH	SHAPE
FOOTING	P401	34	#4	24-6	
	P402	104		3-0	
	P407	7		3-4	
	P408	50		6-0	
	P409	50		7-0	
	P410	25		6-6	
	P411	50		5-9	
	P412	50		5-9	
	P413	4		17-0	
	P414	81	#4	2-11	
	P501	50	#5	5-9	
	P502	50	#5	4-9	
	P507	75	#5	7-6	
	P508	50	#5	3-4	
	P601	75	#6	7-8	
	P602	25	#6	6-6	
	P701	50	#7	7-0	
	P702	12	#7	5-10	
	P703	18	#7	4-0	
	P704	24	#7	5-3	
	P705	26	#7	4-6	
	P706	17	#7	6-8	
	P707	17	#7	5-11	
	P708	17	#7	7-7	
	P709	17	#7	6-10	
	P710	17	#7	7-2	
	P711	17	#7	6-5	
	P803	17	#8	5-9	
	P804	17		5-0	
	P805	34		6-5	
	P806	34		5-11	
	P807	17		6-2	
	P808	17	#8	5-4	
STEM	P451	64	#4	6-4	
	P452	50		2-8	
	P453	110		26-0	
	P454	25		7-4	
	P455	7		9-1	
	P456	7		18-10	
	P457	82		26-3	
	P458	14		11-7	
	P459	7		11-0	
	P461	7		10-6	
	P462	7		9-6	
	P463	7		8-7	
	P464	68		7-10	
	P465	7		3-0	
	P466	38		7-4	
	P467	33		5-10	
	P468	10	#4	28-10	
	P501	64	#5	10-0	
	P506	64	#5	4-0	
	P507	32	#5	7-6	
	P508	17	#5	6-2	
	P610	4	#6	10-0	
	P611	4	#6	8-0	
	P612	4	#6	8-5	

NOTE
For Notes see Sheet No. 2

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
&
CITY OF EAST ST. LOUIS

EAST ST. LOUIS EXPRESSWAY

RETAINING WALL "P"
DETAILS

H. W. LOCHNER, INC.
ENGINEERS
DATE: JULY 1959 CHICAGO, ILLINOIS SHEET NO. 3

Designed by: S.K.
Drawn by: V.B.
Checked by: A.T.

FILE NAME = D8TR1-76C52-SHT-Wall-P_02.dgn	USER NAME = searsb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLAN – WALL-P 02	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GF	REVISED -			•	82-1-R(A), 82-1-R(B)	ST. CLAIR	629	475
	PLOT SCALE = 2.0000 ' / in.	CHECKED - DD	REVISED -			• 64/998/70		CONTRACT NO. 76C52		
	PLOT DATE = 1/23/2012	DATE - 07/21/10	REVISED -		SCALE: NONE / SHEET NO. 3 OF 5 SHEETS / STA. / TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		