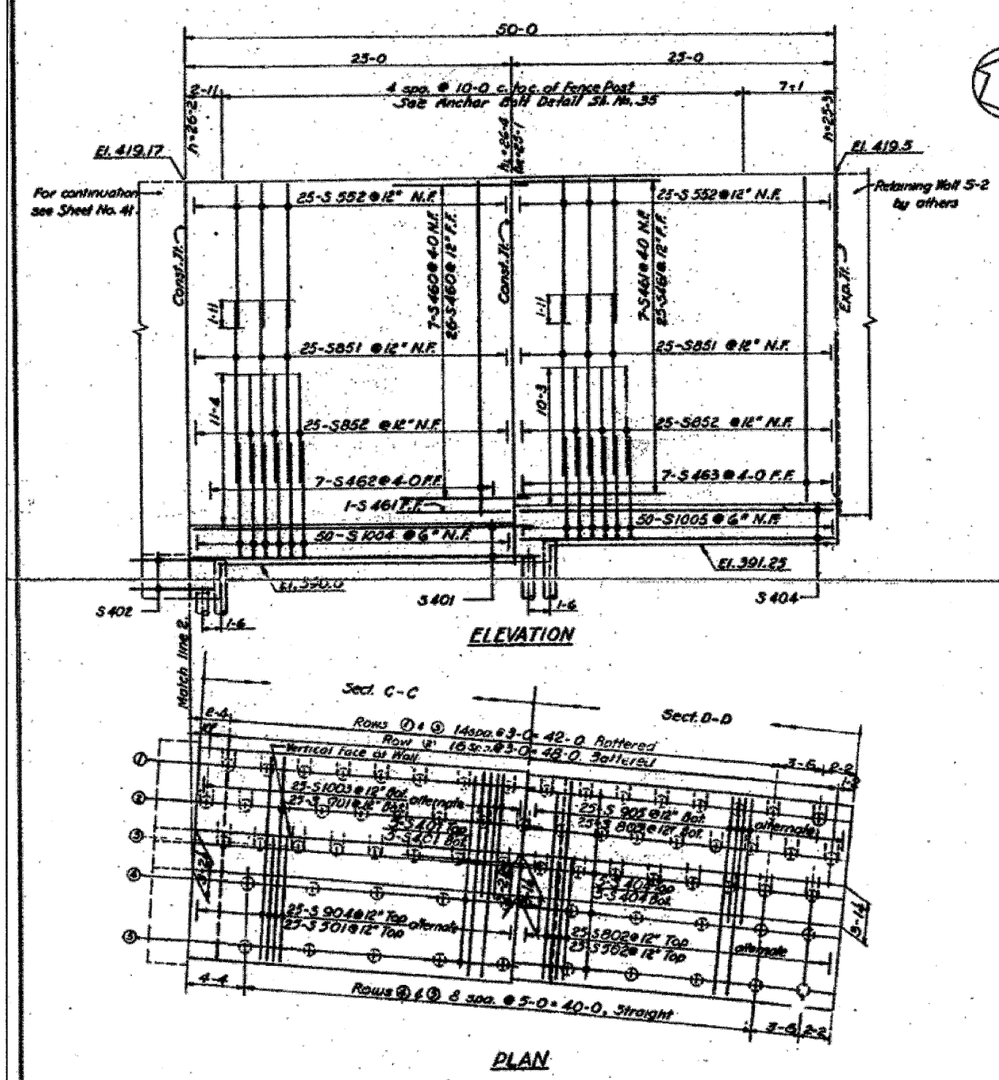
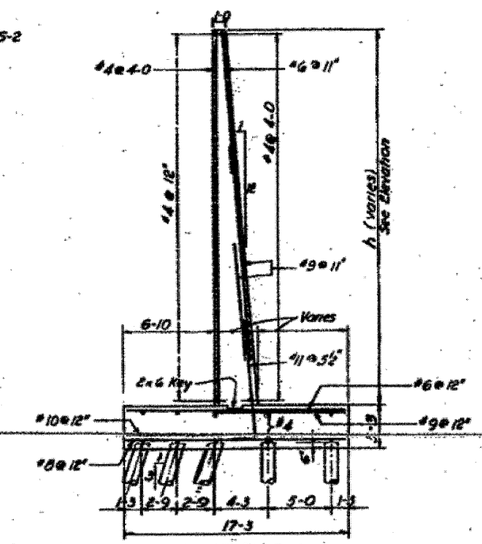
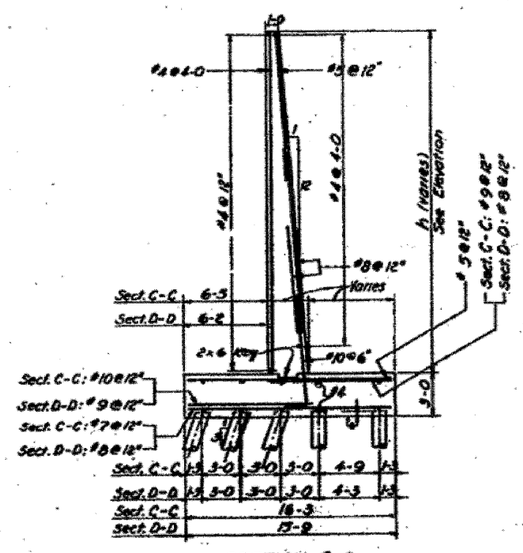
FOR INFORMATION ONLY

FAI-70	82-1-R(A), 82-1-R(B)	ST. Clair	71	62



Note: All longitudinal dimensions are measured along Vertical Face of Wall.





BAR SCHEDULE

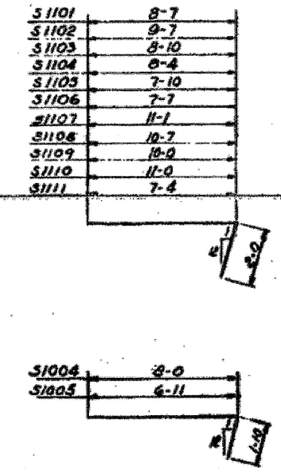
LOCATION	MARK	NO. REQ.	SIZE	LENGTH	SHAPE
FOOTING	S 401	34	#4	26-0	—
	S 402	40		27-0	—
	S 403	10		28-4	—
	S 404	10		24-6	—
	S405	5		10-6	—
	S406	5		12-0	—
	S407	3		7-3	—
	S408	3		14-3	—
	S409	3	#4	21-4	—
	S501	25	#5	15-9	—
	S502	25	#5	18-3	—
	S503	5	#5	27-0	—
	S504	5	#5	28-4	—
	S505	10	#5	9-0	—
	S506	5	#5	8-0	—
	S507	5	#5	5-6	—
	S601	171	#6	17-3	—
	S602	75	#6	16-9	—
	S701	25	#7	15-9	—
	S801	75	#8	16-9	—
	S 802	25	#8	9-0	—
	S 803	25	#8	15-3	—
	S 901	170	#9	10-0	—
	S 902	171		17-3	—
	S 903	75		9-10	—
	S 904	25		9-6	—
	S 905	25	#9	9-0	—
	S1001	170	#10	11-1	—
	S1002	75		10-0	—
	S1003	25		9-8	—
	S1004	50		9-10	—
	S1005	50	#10	8-9	—
	S 1101	31	#11	10-7	—
	S 1102	17		11-7	—
	S 1103	74		10-10	—
	S 1104	81		10-8	—
	S 1105	54		9-10	—
	S1106	54		9-7	—
	S1107	30		13-1	—
	S1108	16		12-7	—
	S1109	30		12-0	—
	S1110	16		13-0	—
	S1111	108	#11	9-4	—
STEM	S 451	7	#4	28-10	—
	S 452	21		29-4	—
	S 456	38		26-10	—
	S 457	7		29-7	—
	S 458	7		28-7	—
	S 459	14		28-1	—
	S 460	219		26-0	—
	S 461	107		24-6	—
	S 462	7		26-1	—
	S 463	7	#4	24-11	—
	S552	50	#5	11-9	—
	S553	14		Note "A"	—
	S554	45		29-3	—
	S555	6		29-10	—
	S556	45		3-9	—
	S557	45	#5	11-0	—
	S651	266	#6	14-0	—
	S851	50	#8	13-10	—
	S852	50	#8	8-10	—
	S951	266	#9	13-0	—
	S952	263	#9	9-6	—

Note A = 1 Series of 14 Bars - 27-9 to 29-7½ = 1½ Incr.

BILL OF MATERIALS

CLASS "X" CONCRETE	C.Y.	1330.2
REINFORCEMENT BARS	LBS.	123190
TEST PILES (creosoted)	EA.	1
CREOSOTED PILES 20 ft to 38 ft	LIN. FT.	11340
SPECIAL EXCAVATION	C.Y.	11742
CLASS "A" EXCAV. FOR STRUCT.	C.Y.	820
8" ⌀ PERF. C.M.P. (GALV.)	LIN. FT.	310
POROUS GRANULAR EMBANKMENT	C.Y.	137

S1101	8-7
S1102	9-7
S1103	8-10
S1104	8-4
S1105	7-10
S1106	7-7
S1107	11-1
S1108	10-7
S1109	10-0
S1110	11-0
S1111	7-4



PILE DATA

420 - 20 Ton Piles. Estimated average length 27 ft.
Test pile is indicated thus ⊗

Note

For Notes see Sheet No. 40

Designed by: F.Z. & S.K.
Drawn by: E.L.C.
Checked by: S.K.

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

EAST ST. LOUIS EXPRESSWAY

RETAINING WALL "S1"
DETAILS

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

DATE: JULY 1960 SHEET NO. 42

FILE NAME = D8TRI-76C52-SHT-Wall-S1.03.dgn	USER NAME = searsb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLAN – WALL–S1 03	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GF	REVISED -			•	82-1-R(A), 82-1-R(B)	ST. CLAIR	629	484
	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. 4 OF 4 SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		