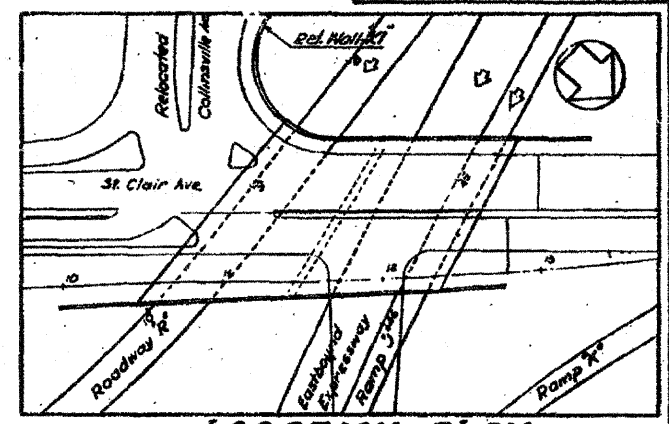
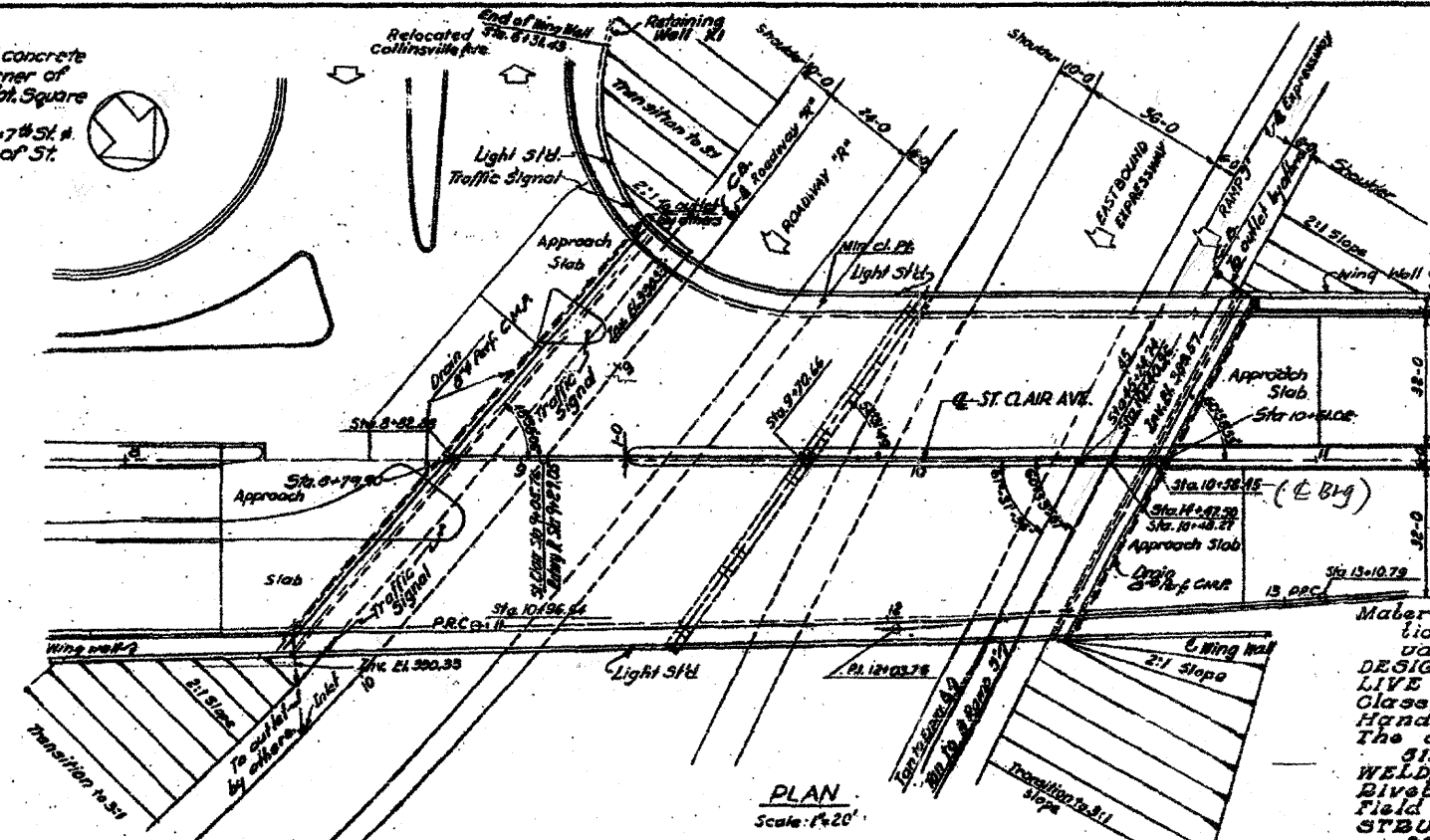


FOR INFORMATION ONLY

BM No. 9
North East corner of concrete
block in North East corner of
Polish-American Hall lot. Square
cut in corner of block.
Approximate location 7th St. &
St. Clair Ave. West side of St.
Clair. Elev. 417.67

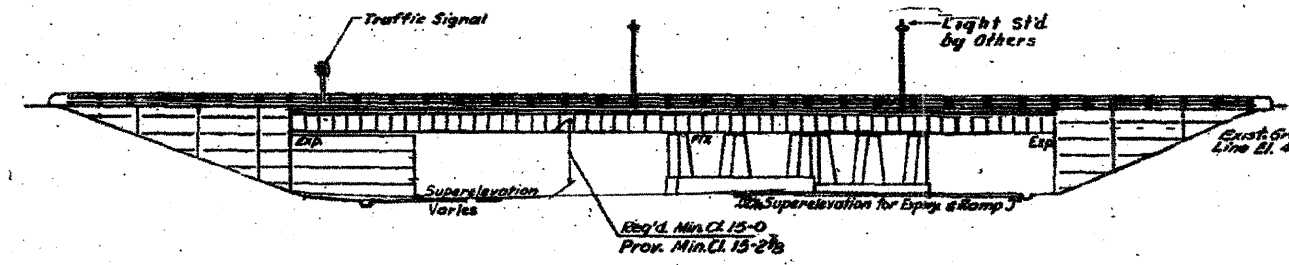
SECTION	DATE	COUNTY	SHEET
F.A. 1-70	05-20-59	ST. CLAIR	11
FED. ROAD DIST. NO. 111 (LAW) PER. AD. PROJECT 70-1101			



GENERAL NOTES

Material and workmanship shall be in accordance with Standard Specifications for Road and Bridge Construction, State of Illinois, adopted January 2, 1950.
DESIGN - A.A.S.H.O. 1953 Specifications, except as noted below.
LIVE LOAD - H-20-S16-44 or Alternate Military Loading.
Class X Concrete shall be used throughout except in handrail endposts. Handrail concrete shall be used in handrail endposts.
The concrete floor slab shall be finished in accordance with Article 31.19 of the Standard Specifications.
WELDING and PAINTING - See Specifications.
Divers 1/2"; open holes 1/4" unless noted.
Field connections riveted unless noted.
STRUCTURAL STEEL shall be fabricated in accordance with Article 34.5 of the Standard Specifications.

All rockers, bolsters, bearing plates, lead plates, pintles and anchor bolts shall be fabricated and set in accordance with Article 31.15 of the Standard Specifications and are included for payment as Structural Steel Est. Wb. 13950.
Anchor bolts shall be set before riveting, and floor beams over supports of the roadway expansion guards shall be fabricated and erected to fit the crown of the roadway.
The following surfaces of expansion guards shall be given two shop coats of red lead paint; the backs of the vertical legs of the angles. Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Article 56.1 to 56.5 inclusive of the Standard Specifications. All paint shall be furnished and applied by the Contractor involved.



TOTAL BILL OF MATERIAL FOR BRIDGE NOS 6 WALLS K1 & K2

Unit	Description	Sec. 82-2ND-1		Total
		Supp. Structures	Sub Structures	
CY	SPECIAL EXCAVATION	32.61	36.14	68.75
CY	CLASS "B" EXCAVATION FOR STRUCTURES	47.33	308.30	355.63
CY	CLASS "C" CONCRETE	400.3	2137.6	2537.9
LB	REINFORCEMENT BARS	124180	131120	255300
LB	STRUCTURAL STEEL	72000	20000	92000
LF	METAL HANDRAIL	463	463	926
Ec.	TEST PILES (METAL DRILL)	1	1	2
LF	DRIVING & FILLING (3" x 11")	2320	2320	4640
LF	FURNISHING METAL DRILL BITTED PILES	2320	2320	4640
Ec.	TEST PILES (TIMBER)	0	0	0
LF	FURNISHING CREOSOTE PILES (10" x 20")	2240	2240	4480
LF	FURNISHING CREOSOTE PILES (12" x 30")	1720	1720	3440
LF	DRIVING TIMBER PILES	20770	20770	41540
Es.	NAME PLATE	1	1	2
LF	8" PERFORATED C.M.P.	950	950	1900
CY	HANDRAIL CONCRETE	13	13	26
LF	CHAIN LINK FENCE	682	682	1364
Ec.	CONCRETE FOUNDATION-TYPE B MODIFIED	2	2	4

PILES - They shall be metal shell and timber piles with a minimum load capacity as shown on the plans.
TEST PILES (Metal Shell & Timber) shall be driven in permanent locations shown on the plans as directed by the Engineer before ordering remainder of piles.

The back of abutment walls, wing walls and retaining wall shall be water-proofed from top of footing to ground surface in accordance with Article 31.21 of the Standard Specifications.

DESIGN STRESSES

f_c = 1,400 p.s.i. (Superstructure)
f_c = 1,000 p.s.i. (Substructure-with earth pressure)
f_s = 20,000 p.s.i. (Reinforcement)
f_s = 18,000 p.s.i. (Structural Steel)
n = 10
v = 75 p.s.i. (Footings).

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
&
CITY OF EAST ST. LOUIS
EAST ST. LOUIS EXPRESSWAY
ST. CLAIR AVE. OVER EAST BOUND EXPRESSWAY
AND ROADWAY "B"
GENERAL PLAN & BILL OF MATERIAL
H.W. LOCHNER, INC.
ENGINEERS
DATE: MAY 1959 CHICAGO, ILLINOIS SHEET NO. 1

PLANS FOR STRUCTURES EXAMINED April 30, 1959
H.W. Lochner
ENGINEER OF BRIDGE & TRUSS STRUCTURES

Revised - Changed Quantities & RC Piles Checked by Mr. J. J. Smith in Gen. Notes 12/10/58 - PK