

NO. B-6

NO. B-7

NO. B-8

ELEV. 425	Ground surface		Ground surface		Ground surface	
420	Elev. 417.6	0'-0"	Elev. 416.2	0'-0"	Elev. 417.7	0'-0"
415	Brown silty clay topsoil	12	Cinder fill	3	Dark brown silty clay topsoil	10
	Brown silty clay	9	Brown silty clay	7	Brown silty clay	9
410	Brown silt & very fine sand trace clay	6	Brown silt & very fine sand with clay	3	Brown very fine silty sand	6
405	Brown very fine sand	10	Brown silt & very fine sand with clay	3	Brown silt & very fine sand	4
400	Gray silt	2	Brown fine to medium sand, trace clay	3	Brown & gray clayey silt with thin sand seams	5
395	Brown silt & very fine sand	3	Brown fine to medium sand, trace clay	3	Brown fine sand trace silt	29
	Gray fine sand	6	Brown medium to coarse sand	10	Gray clayey silt & very fine sand	19
390	Gray fine to coarse sand	23	Brown medium to coarse sand	7	Gray medium to coarse sand with small gravel	46
385	Gray medium to coarse sand trace clay & small gravel	51	Gray fine sand	26	Gray medium to coarse sand trace large gravel	15
380	Gray medium to coarse sand	9	Gray medium sand	13	Gray very fine silty sand	17
375	Trace small gravel	10	Gray fine sand	6	Gray fine sand with silt	40
370	Gray fine sand	21	Gray medium sand	13	Gray fine to coarse sand with sm. to med. gravel	40
365	Gray fine sand	66	Gray fine sand	3	Gray fine sand	31
360	Gray fine sand	20	Gray fine sand	4	Gray fine sand	21
355	Gray fine to coarse sand	20	Gray fine sand	4	Gray fine sand	21
350	Gray fine to coarse sand	20	Gray fine sand	4	Gray fine sand	21
345	Gray fine to coarse sand	20	Gray fine sand	4	Gray fine sand	21
340	Gray fine to coarse sand	20	Gray fine sand	4	Gray fine sand	21
335	Gray fine to coarse sand	20	Gray fine sand	4	Gray fine sand	21
330	Gray fine to coarse sand	20	Gray fine sand	4	Gray fine sand	21
325	Gray fine to coarse sand	20	Gray fine sand	4	Gray fine sand	21

Boring stopped by Mr. Hanson
 Used 60'-0" of 2 1/2" casing.
 Water levels below ground surface
 17'-0" with casing at 65'-0"
 41'-0" with casing at 64'-0"
 51'-0" with casing at 63'-0"
 51'-0" 1 1/2 hours after completion.

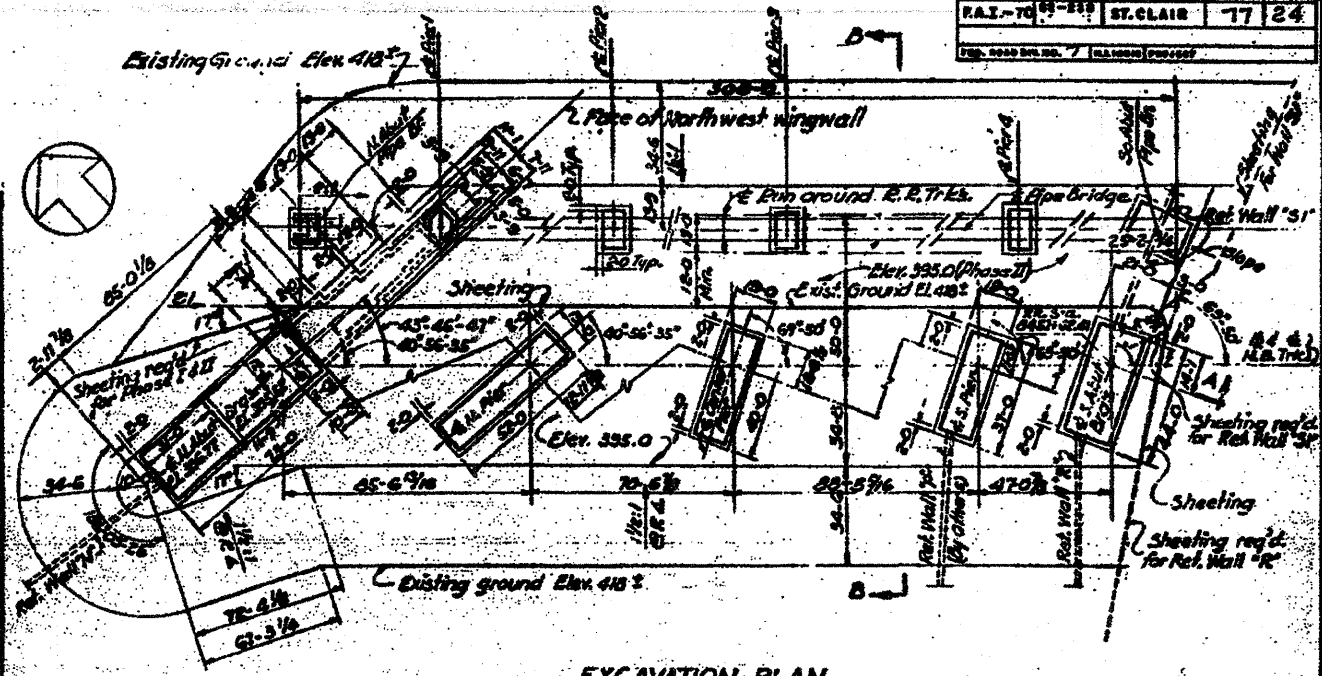
Refusal: Rock or boulder
 Boring bailed to 70'-0"
 Used 60'-0" of 2 1/2" casing.
 Water levels below ground surface
 53'-0" 1 1/2 hours
 caved - 23'-0" 28 hours after completion
 * Circulating water loss in strata
 Date: March 10, 1958

Boring stopped by Mr. Hanson.
 Boring bailed to 53'-0"
 Used 60'-0" of 2 1/2" casing.
 Water levels below ground surface.
 53'-0" 1 hour
 caved - 36'-0" 2 1/2 hours after completion

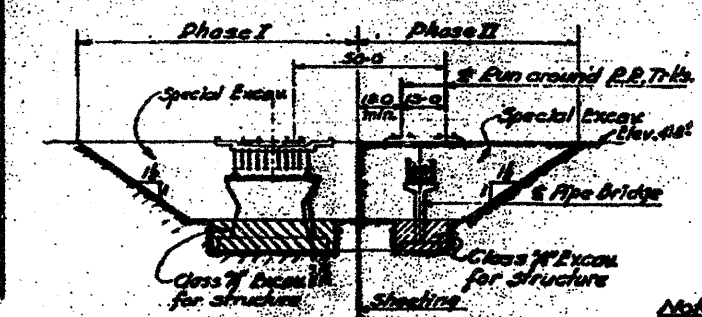
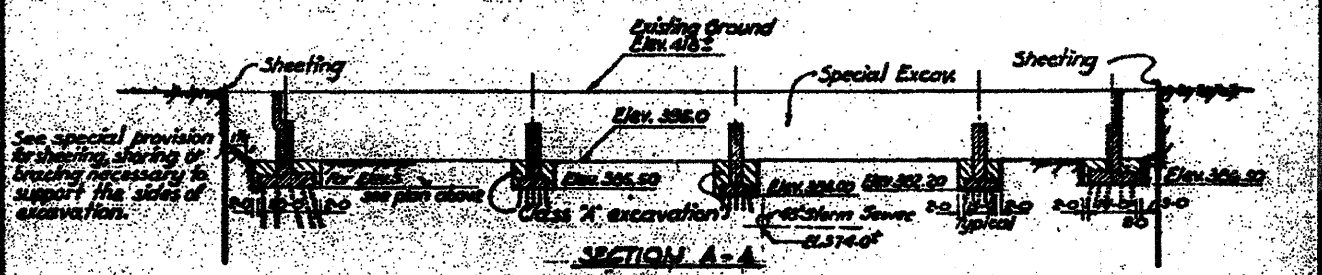
NOTE:
 - Classifications are made by visual inspection.
 - Moisture (ML) figure indicates time of reading (found after completion of boring). Moisture levels indicated are those observed when borings were made, as noted. Porosity of the soil strata, variations of rainfall, etc. topography, etc., may cause changes in these levels.
 - Figures in right hand column indicate number of blows required to drive S.W. sampling pipe deep, using 140-lb weight falling 30 inches.

EXCAVATION QUANTITIES FOR BRIDGE & NORTH EAST NINE HALL	
Class II Excav. for Structure	25,000
Special Excav. (Phase I)	c.y. 82,500
Special Excav. (Phase II)	c.y. 14,800

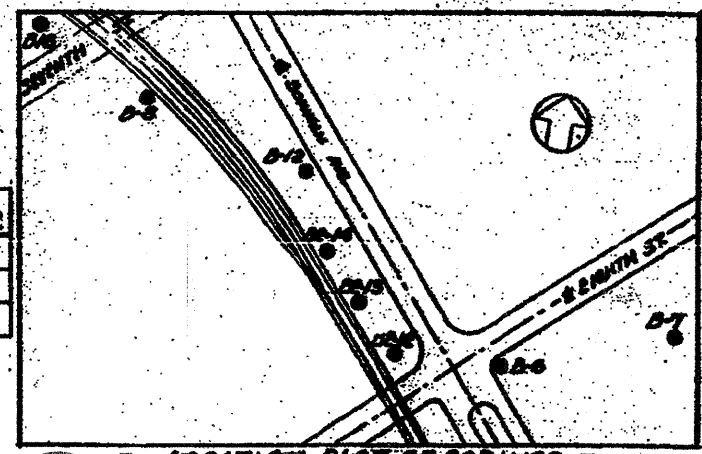
Designed by: A.D.
 Drawn by: R.B.
 Checked by: I.B.



EXCAVATION PLAN
 Note: For excavation and sheeting required for Ret. Walls, see highway plans.



Note: See Special Provisions for sequence of construction.



STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BLDGS.
 DIVISION OF HIGHWAYS
 CITY OF EAST ST. LOUIS
EAST ST. LOUIS EXPRESSWAY
 L. & N. R.R. OVER WEST BOUND EXPWAY,
 RAMP "E" EAST BOUND EXPWAY AND RAMP "F"
 BORING LOSS & EXCAVATION PLAN
 H. W. LOCHNER, INC.
 ENGINEERS
 DATE JULY 1950 CHICAGO, ILLINOIS SHEET NO. 4

FOR INFORMATION ONLY