

PROJECT NO.	SEC.	COUNTY	TOTAL SHEETS
RAJ-70	82-1	ST. CLAIR	77
SHEET NO.			24

NO. B-6

NO. B-7

NO. B-8

ELEV. 425	Ground surface		Ground surface		Ground surface	
420	Elev. 417.6		Elev. 416.2		Elev. 417.7	
415	Brown silty clay topsoil	12 3'-0"	Clay fill	8 2'-0"	Dark brown silty clay topsoil	10 3'-0"
410	Brown silty clay	9 6'-0"	Brown silty clay	7 6'-0"	Brown silty clay	8 6'-0"
405	Brown silt & very fine sand trace clay	9 6'-0"	Brown silt & very fine sand with clay	3 3'-0"	Brown very fine silty sand	6 6'-0"
400	Brown very fine sand	10 10'-0"	Brown silt & very fine sand with clay	3 3'-0"	Brown silt & very fine sand	4 4'-0"
395	Gray silt	2 2'-0"	Brown fine to medium sand, trace clay	10 10'-0"	Brown & gray clayey silt with thin sand seams	5 5'-0"
390	Brown silt & very fine sand	3 3'-0"	Brown fine to medium sand, trace clay	32 32'-0"	Brown fine sand trace silt	23 23'-0"
385	Gray fine sand	6 6'-0"	Brown medium to coarse sand	29 29'-0"	Gray clayey silt with very fine sand	3 3'-0"
380	Gray fine to coarse sand	23 23'-0"	Brown medium to coarse sand	10 10'-0"	Gray clayey silt & very fine sand	13 13'-0"
375	Gray medium to coarse sand trace clay & small gravel	51 51'-0"	Brown medium to coarse sand	7 7'-0"	Gray medium to coarse sand with small gravel	52 52'-0"
370	Gray medium to coarse sand trace small gravel	10 10'-0"	Gray fine sand	36 36'-0"	Gray medium to coarse sand trace large gravel	45 45'-0"
365	Gray fine sand	35 35'-0"	Gray medium sand	9 9'-0"	Gray very fine silty sand	17 17'-0"
360	Gray fine sand	68 68'-0"	Gray fine sand	8 8'-0"	Gray fine sand with silt	40 40'-0"
355	Gray fine to coarse sand	20 20'-0"	Gray fine sand	15 15'-0"	Gray fine to coarse sand with sm. to med. gravel	40 40'-0"
350	Gray fine to coarse sand	20 20'-0"	Gray fine sand	11 11'-0"	Gray fine sand	31 31'-0"
345	Gray fine to coarse sand	116 116'-0"	Gray fine sand	31 31'-0"	Gray fine sand	21 21'-0"
340	Gray fine to coarse sand	64 64'-0"	Gray fine sand	12 12'-0"	Gray fine sand	43 43'-0"
335	Gray fine to coarse sand	51 51'-0"				
330	Gray fine to coarse sand	51 51'-0"				

Boring stopped by Mr. Hanson

Refusal - Rock or boulder
Boring bailed to 10'-0"

Boring stopped by Mr. Hanson.
Boring bailed to 55'-0"

Used 60'-0" of 2 1/2" casing.
Water levels below ground surface:
17'-0" with casing at 65'-0"
47'-0" with casing at 64'-0"
61'-0" with casing at 63'-0"
51'-0" 1 1/2 hours after completion.

Used 60'-0" of 2 1/2" casing.
Water levels below ground surface:
53'-0" 1 1/2 hours
caved - 23'-0" 2 1/2 hours after completion

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

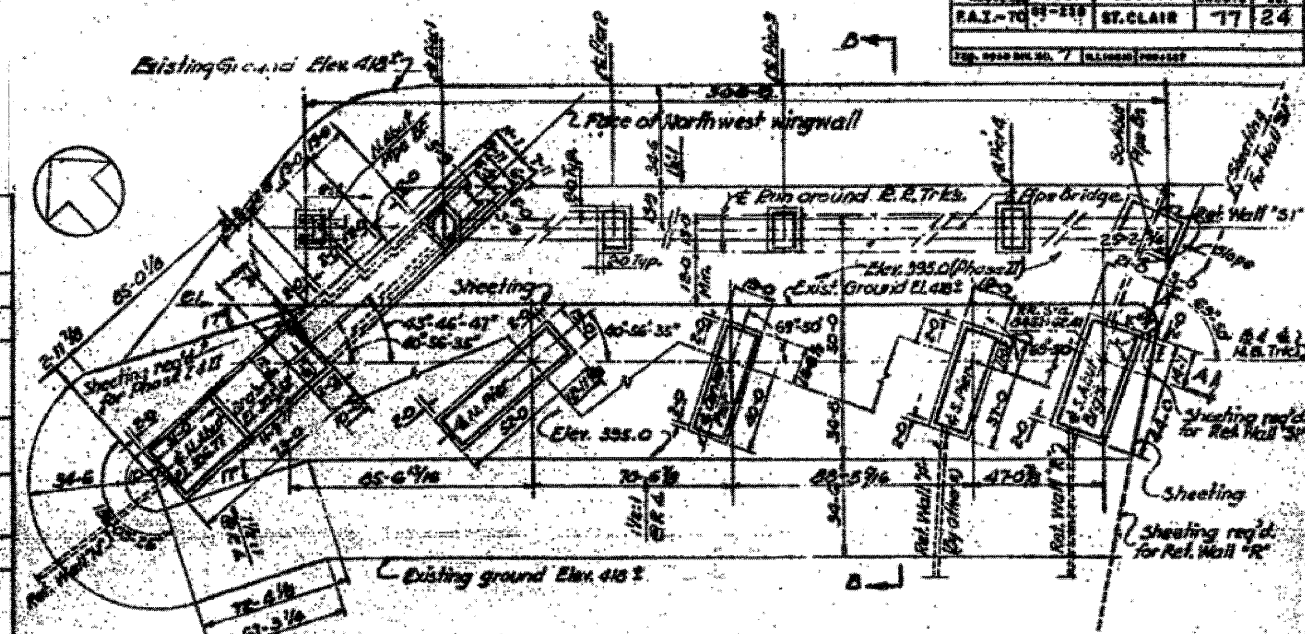
* Circulating water loss in strata
Date: March 10, 1958

NOTES:

- Classifications are made by visual inspection.
- Note: Angle (NL) figure indicates time of reading (hours) after completion of boring. Water levels indicated are those observed when borings were made or as noted. Porosity of the soil strata, variations of rainfall, site topography, etc., may cause changes in these levels.
- Figures in right hand column indicate number of blows required to drive 60-D sampling pipe one foot, using 140-lb weight falling 30 inches.

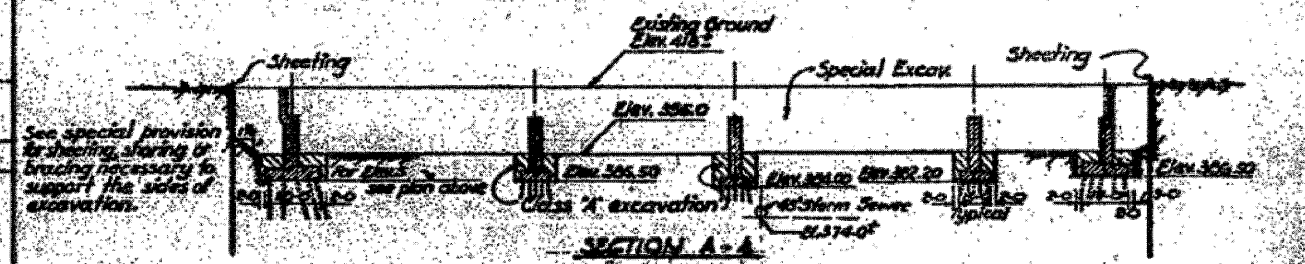
Designed by: A.D.
Drawn by: R.B.
Checked by: I.B.

EXCAVATION QUANTITIES FOR BRIDGE & NORTH EAST RIVER WALL	
Class II Excav. for structure	2,500
Special Excav. (Phase I)	ca. 82,500
Special Excav. (Phase II)	ca. 14,800

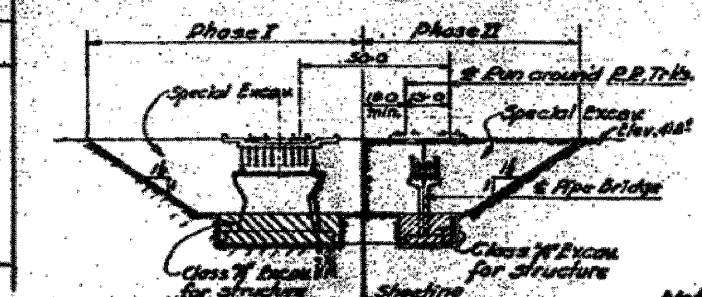


EXCAVATION PLAN

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

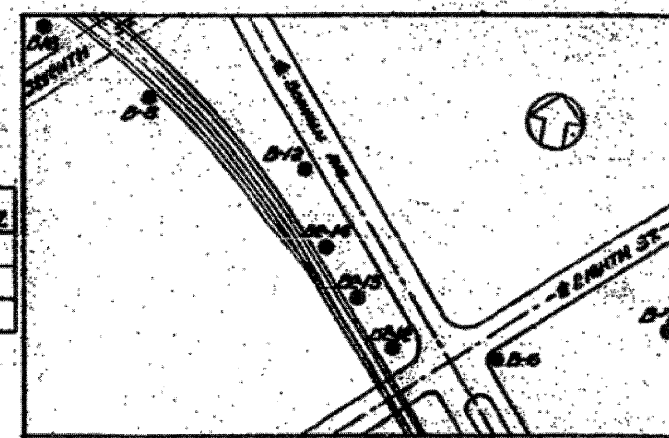


SECTION A-A



SECTION B-B

Note: See Special Provisions for sequence of construction.



LOCATION PLOT OF BORINGS

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, BR.
RAMP "L" EAST BOUND EXPWAY AND RAMP "T"
BORING LOSS & EXCAVATION PLAN
H. W. LOCHNER, INC.
ENGINEERS
DATE JULY 1960 CHICAGO, ILLINOIS SHEET NO. 4