



NOTE:
SOIL BORINGS AT DESIGNATED LOCATIONS ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR TO SHOW THE PROBABLE CHARACTERISTIC OF THE SOIL IN THE AREA. USE OF THIS BORING DATA BY THE CONTRACTOR TO EVALUATE CONSTRUCTION CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

BORING PLAN
SCALE 1"=100'

AVERAGE RESULTS OF LABORATORY TESTS

TEXTURAL CLASSIFICATION	P.R.A. CLASS.	GRADATION % OF TOTAL					PHYSICAL TEST CONSTANTS						NO. OF SAMPLES TESTED							
		COARSE AGG.	COARSE SAND	FINE SAND	SILT	CLAY	L.L.	P.L.	P.I.	F.M.E.	S.L.	S.R.		L.S.						

LEGEND
 ————— EXISTING PROFILE
 - - - - - PROPOSED GRADE LINE
 ⊕ WATER TABLE
 ⊕ BORINGS IN PLAN
 ⊕ BORINGS IN PROFILE

SOUTH PILE CAP FOR ABUT.
ESTIMATED LENGTH OF H STEEL PILES 24'-0"
CAPACITY 34 TONS

EL. 659.5 - BOTTOM OF SOUTH PILE CAP @ NW CORNER PILE

BORING NO. 1
AT CRAWFORD AVE.

BLOWS PER FOOT	U.C.S. TONS PER SQ. FT.	% MOIST. OVER DRY WT.	DEPTH IN FEET	TYPE OF SOIL
14	—	20.0	0.0	0.0 Gr Clay 650.20 (71.1)
37	4.1	14.2	2.0	Gr Clay 2.0 Very Stiff
42	5.7	16.7	4.0	Gr Clay Hard
44	9.4	17.9	6.0	Gr Clay Hard
44	4.8	19.4	8.0	Gr Clay Hard
57	4.5	19.6	10.0	Gr Clay Hard
36	4.2	19.7	12.0	Gr Clay Hard
34	4.2	19.0	14.0	Gr Clay Hard
15	2.5	19.1	16.0	Gr Clay Very Stiff
18	2.7	20.0	18.0	Gr Clay Very Stiff
15	2.5	22.3	20.0	Gr Clay Very Stiff
18	2.6	19.0	22.0	Gr Clay Very Stiff
34	4.1	12.7	24.0	Gr Clay Very Stiff
32	4.1	12.4	26.0	Gr Clay Very Stiff
42	4.1	16.3	28.0	Gr Clay Very Stiff
41	—	15.5	30.0	Gr Clay Very Stiff
34	—	14.3	32.0	Gr Clay Very Stiff
50	—	16.8	34.0	Gr Clay Very Stiff
24	2.5	22.6	36.0	Gr Clay Very Stiff
26	3.0	20.0	38.0	Gr Clay Very Stiff

Date of Boring: April 7, 1965

BORING NO. 2
AT CRAWFORD AVE.

BLOWS PER FOOT	U.C.S. TONS PER SQ. FT.	% MOIST. OVER DRY WT.	DEPTH IN FEET	TYPE OF SOIL
9	—	24.2	0.0	0.0 Gr Clay 651.19 (71.2)
34	5.3	17.1	2.0	Gr Clay 2.0 Stiff
32	5.5	21.4	4.0	Gr Clay Hard
34	4.6	20.9	6.0	Gr Clay Hard
73	8.2	16.4	8.0	Gr Clay Hard
48	6.3	19.1	10.0	Gr Clay Hard
45	6.3	17.9	12.0	Gr Clay Hard
30	5.7	18.2	14.0	Gr Clay Hard
13	2.0	18.3	16.0	Gr Clay Very Stiff
13	1.9	20.8	18.0	Gr Clay Very Stiff
13	1.6	19.6	20.0	Gr Clay Very Stiff
16	1.5	20.6	22.0	Gr Clay Very Stiff
16	1.5	18.0	24.0	Gr Clay Very Stiff
21	1.8	19.2	26.0	Gr Clay Very Stiff
25	3.0	17.6	28.0	Gr Clay Very Stiff
20	—	12.3	30.0	Gr Clay Very Stiff
16	—	13.2	32.0	Gr Clay Very Stiff
20	—	18.0	34.0	Gr Clay Very Stiff
23	—	18.4	36.0	Gr Clay Very Stiff
40	4.5	20.2	38.0	Gr Clay Very Stiff
35	4.5	19.7	40.0	Gr Clay Very Stiff

Date of Boring: March 12, 1965

BRIDGE BORINGS
VERT. SCALE 1"=5'

BORING NO. 3
AT CRAWFORD AVE.

BLOWS PER FOOT	U.C.S. TONS PER SQ. FT.	% MOIST. OVER DRY WT.	DEPTH IN FEET	TYPE OF SOIL
6	—	19.1	0.0	0.0 Gr Clay 650.27 (71.7)
42	2.5	18.7	2.0	Gr Clay 2.0 Stiff
65	6.1	18.0	4.0	Gr Clay Hard
45	5.7	18.0	6.0	Gr Clay Hard
31	4.1	18.8	8.0	Gr Clay Hard
27	4.2	20.0	10.0	Gr Clay Hard
26	4.1	20.2	12.0	Gr Clay Hard
16	2.0	20.3	14.0	Gr Clay Very Stiff
21	2.6	19.8	16.0	Gr Clay Very Stiff
21	3.0	21.7	18.0	Gr Clay Very Stiff
20	2.8	18.4	20.0	Gr Clay Very Stiff
23	2.8	11.2	22.0	Gr Clay Very Stiff
27	—	10.6	24.0	Gr Clay Very Stiff
30	—	15.3	26.0	Gr Clay Very Stiff
23	—	15.3	28.0	Gr Clay Very Stiff
22	2.8	14.3	30.0	Gr Clay Very Stiff
23	2.7	14.6	32.0	Gr Clay Very Stiff
27	—	12.9	34.0	Gr Clay Very Stiff
26	2.8	12.9	36.0	Gr Clay Very Stiff
25	4.0	16.0	38.0	Gr Clay Very Stiff
20	3.6	16.5	40.0	Gr Clay Very Stiff
22	4.1	21.2	42.0	Gr Clay Very Stiff
22	4.1	18.2	44.0	Gr Clay Very Stiff
22	4.1	20.8	46.0	Gr Clay Very Stiff
22	—	18.5	48.0	Gr Clay Very Stiff
22	—	16.5	50.0	Gr Clay Very Stiff
22	—	16.7	52.0	Gr Clay Very Stiff
22	—	16.5	54.0	Gr Clay Very Stiff
22	—	16.5	56.0	Gr Clay Very Stiff
22	—	16.5	58.0	Gr Clay Very Stiff
22	—	16.5	60.0	Gr Clay Very Stiff
22	—	16.5	62.0	Gr Clay Very Stiff
22	—	16.5	64.0	Gr Clay Very Stiff
22	—	16.5	66.0	Gr Clay Very Stiff
22	—	16.5	68.0	Gr Clay Very Stiff
22	—	16.5	70.0	Gr Clay Very Stiff
22	—	16.5	72.0	Gr Clay Very Stiff
22	—	16.5	74.0	Gr Clay Very Stiff
22	—	16.5	76.0	Gr Clay Very Stiff
22	—	16.5	78.0	Gr Clay Very Stiff
22	—	16.5	80.0	Gr Clay Very Stiff

Date of Boring: March 25, 1965

BORING NO. 4
AT CRAWFORD AVE.

BLOWS PER FOOT	U.C.S. TONS PER SQ. FT.	% MOIST. OVER DRY WT.	DEPTH IN FEET	TYPE OF SOIL
9	—	12.2	0.0	0.0 Gr Clay 650.27 (71.7)
25	3.5	18.7	2.0	Gr Clay 2.0 Stiff
17	3.6	18.4	4.0	Gr Clay Hard
35	6.1	18.8	6.0	Gr Clay Hard
62	6.8	18.9	8.0	Gr Clay Hard
64	6.8	20.1	10.0	Gr Clay Hard
38	4.6	18.7	12.0	Gr Clay Hard
50	4.9	18.2	14.0	Gr Clay Hard
37	5.6	18.1	16.0	Gr Clay Hard
36	6.4	20.4	18.0	Gr Clay Hard
27	4.2	18.4	20.0	Gr Clay Hard
13	—	18.6	22.0	Gr Clay Hard
14	—	21.6	24.0	Gr Clay Hard
23	2.7	19.2	26.0	Gr Clay Hard
27	2.6	16.5	28.0	Gr Clay Hard
19	2.6	17.5	30.0	Gr Clay Hard
38	—	12.8	32.0	Gr Clay Hard
31	—	14.1	34.0	Gr Clay Hard
14	1.5	22.2	36.0	Gr Clay Hard
24	1.8	23.3	38.0	Gr Clay Hard
26	1.8	18.7	40.0	Gr Clay Hard
58	3.0	18.6	42.0	Gr Clay Hard
42	4.0	18.4	44.0	Gr Clay Hard
33	3.0	18.2	46.0	Gr Clay Hard
16	1.4	24.4	48.0	Gr Clay Hard
15	1.5	25.6	50.0	Gr Clay Hard
16	1.5	19.0	52.0	Gr Clay Hard
24	1.7	20.4	54.0	Gr Clay Hard
22	2.3	17.7	56.0	Gr Clay Hard
26	4.0	14.0	58.0	Gr Clay Hard
26	—	22.9	60.0	Gr Clay Hard

Date of Boring: March 25, 1965

BORING NO. 5
AT CRAWFORD AVE.

BLOWS PER FOOT	U.C.S. TONS PER SQ. FT.	% MOIST. OVER DRY WT.	DEPTH IN FEET	TYPE OF SOIL
9	—	22.8	0.0	0.0 Gr Clay 649.19 (70.2)
38	4.4	19.1	2.0	Gr Clay 2.0 Stiff
34	4.2	18.7	4.0	Gr Clay Hard
39	4.3	17.9	6.0	Gr Clay Hard
53	6.4	17.7	8.0	Gr Clay Hard
59	5.6	17.0	10.0	Gr Clay Hard
32	4.2	19.6	12.0	Gr Clay Hard
30	4.1	16.8	14.0	Gr Clay Hard
20	2.5	14.2	16.0	Gr Clay Hard
20	2.9	19.1	18.0	Gr Clay Hard
24	2.7	19.9	20.0	Gr Clay Hard
28	2.7	18.3	22.0	Gr Clay Hard
35	3.1	18.1	24.0	Gr Clay Hard
31	—	16.0	26.0	Gr Clay Hard
30	—	18.0	28.0	Gr Clay Hard
32	—	19.6	30.0	Gr Clay Hard
22	2.0	13.2	32.0	Gr Clay Hard
22	2.1	12.8	34.0	Gr Clay Hard
17	—	20.2	36.0	Gr Clay Hard
41	—	15.2	38.0	Gr Clay Hard
41	3.1	20.4	40.0	Gr Clay Hard
16	1.4	24.4	42.0	Gr Clay Hard
15	1.5	25.6	44.0	Gr Clay Hard
16	1.5	19.0	46.0	Gr Clay Hard
24	1.7	20.4	48.0	Gr Clay Hard
22	2.3	17.7	50.0	Gr Clay Hard
26	4.0	14.0	52.0	Gr Clay Hard
26	—	22.9	54.0	Gr Clay Hard

Date of Boring: March 25, 1965

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

RICHARD B. OGDEN
PRESIDENT BOARD OF COMMISSIONERS

ANDREW V. PLUMMER
SUPERINTENDENT OF HIGHWAYS

SOIL BORINGS
CRAWFORD AVE GRADE SEPARATION
OVER
DAN RYAN EXPRESSWAY - WEST LEG

COMPUTED: _____
DRAWN: _____
CHECKED: _____

PROJECT I-57-7(154)349
SCALE: _____
APPROVED: _____

APPROVED: _____
DATE: _____

57 068-1112.1 5 69 5.8.241-3

FILE NAME: g:\projects\2102185_024\cadd\structure\kaha\0161015_60863_030A_Boring.dgn



USER NAME = Zsager-b
DESIGNED - TWO
CHECKED - BHS
DRAWN - TWO
PLOT DATE = 8/5/2011

DESIGNED - TWO
CHECKED - GSP

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SOIL BORINGS
STRUCTURE NO. 016-1015
SHEET NO. 30A OF 36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1112.1B	COOK	75	57A

CONTRACT NO. 60863
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT