

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	196
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
SHEET NO. S91 OF S108				

BORING NO. P3B-1

BORING NO. P3B-1

BORING LOG P3B-1 Page 1 of 2

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 707-11-01

Datum: NGVD
Elevation: 686.84 ft
North: 1934477.50 ft
East: 994925.75 ft
Station: 570+39
Offset: 7.0 RT

Client: Baker Engineering, Inc.

Project: New Stearns Road over Fox River

Location: Sec. 2 and 3, T. 40 N, R. 8 E. of Geneva Quadrangle

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
689.3	Loose to medium dense, brown and gray SANDY GRAVEL to GRAVELLY SAND —Water Level = 1.5ft Above River Bed—	1	1	7 7 8	NP	11	689.3	Medium stiff, gray CLAY LOAM	11	11	8 4 12	0.74 B	8
688.1		2	2	13 22 7	NP	5	688.1	Very dense, brown and gray, GRAVELLY SAND to SANDY GRAVEL	30	12	25 30	0.50 P	12
678.8	Stiff to very stiff, brown to gray CLAY with occasional sand and silt interbeds	3	3	4 5 4	P	9	678.8	Medium dense, brown, coarse SAND with gravel	35	13	25 28 27	NP	10
673.8	Stiff to very stiff, gray, gravelly SANDY CLAY LOAM	4	4	4 4 7	B	22	673.8	Very stiff to hard, gray gravelly CLAY LOAM	40	14	11 6 6	NP	10
673.8		5	5	2 5 6	B	23	673.8	Pressuremeter Test@43.0'-44.0'	45	15	11 12 13	4.76 B	12
668.2	Medium dense to dense, gray GRAVELLY SAND	6	6	9 14 15	P	16	668.2	Very dense, gray SANDY LOAM	65	16	3 5 6	3.85 B	13
664.8	Medium dense, brown and gray, fine to coarse SAND	7	7	10 11 10	B	8	664.8	Hard, gray gravelly CLAY LOAM —Pressuremeter Test@67.0'-68.0'	70	17	18 23 42	10.24 S	9
663.5	Stiff to very stiff, gray CLAY LOAM to SANDY CLAY	8	8	9 12 13	NP	14	663.5	Very dense, brown and gray SANDY GRAVEL —Boulders at 73.5' - 76.25'—	75	18	31 23 47	NP	9
663.5		9A	9A	7 10	NP	14	663.5		80	19	13 17 22	4.43 B	12
663.5		9B	9B	9 12 13	NP	14	663.5		85	20	28 44 42	NP	17
663.5		10	10	5 6 7	B	11	663.5		90	21	18 23 42	10.24 S	9
663.5							663.5		95	22	31 23 47	NP	9

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688.1		2	2	13 22 7	NP	5	688.1	Very dense, brown and gray, GRAVELLY SAND to SANDY GRAVEL	30	12	25 30	0.50 P	12
678.8	Stiff to very stiff, brown to gray CLAY with occasional sand and silt interbeds	3	3	4 5 4	P	9	678.8	Medium dense, brown, coarse SAND with gravel	35	13	25 28 27	NP	10
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GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-04-2007	Complete Drilling	12-06-2007	While Drilling	▽	0.00 ft	
Drilling Contractor	TSC	Drill Rig	CME 55 ATV	At Completion of Drilling	▽	0.00 ft	
Driller	D.F. & C	Logger	J. Kasnick	Time After Drilling	NA		
Checked by	E. Datz	Depth to Water	▽	NA			
Drilling Method	3.25" ID. HSA; Mud Rotary at 41ft			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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Drilling Method	3.25" ID. HSA; Mud Rotary at 41ft			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG I

STEARNS ROAD
OVER THE FOX RIVER
STRUCTURE NUMBER 045-3166

KANE COUNTY
STATION 571+42.96

PUBLIC WATERS
FAP 361 SECTION 06-00214-20-BR
DESIGNED: WEI
DRAWN: SCW
DATE: JANUARY 16, 2009
CHECKED: WEI
CHECKED: DFM

Baker
Baker Engineering, Inc.

h:\3005\3.0 phase 11 deliverables\3.3 structure\drawings\final\045-3166 Boring Log 1.dgn 1/15/2009