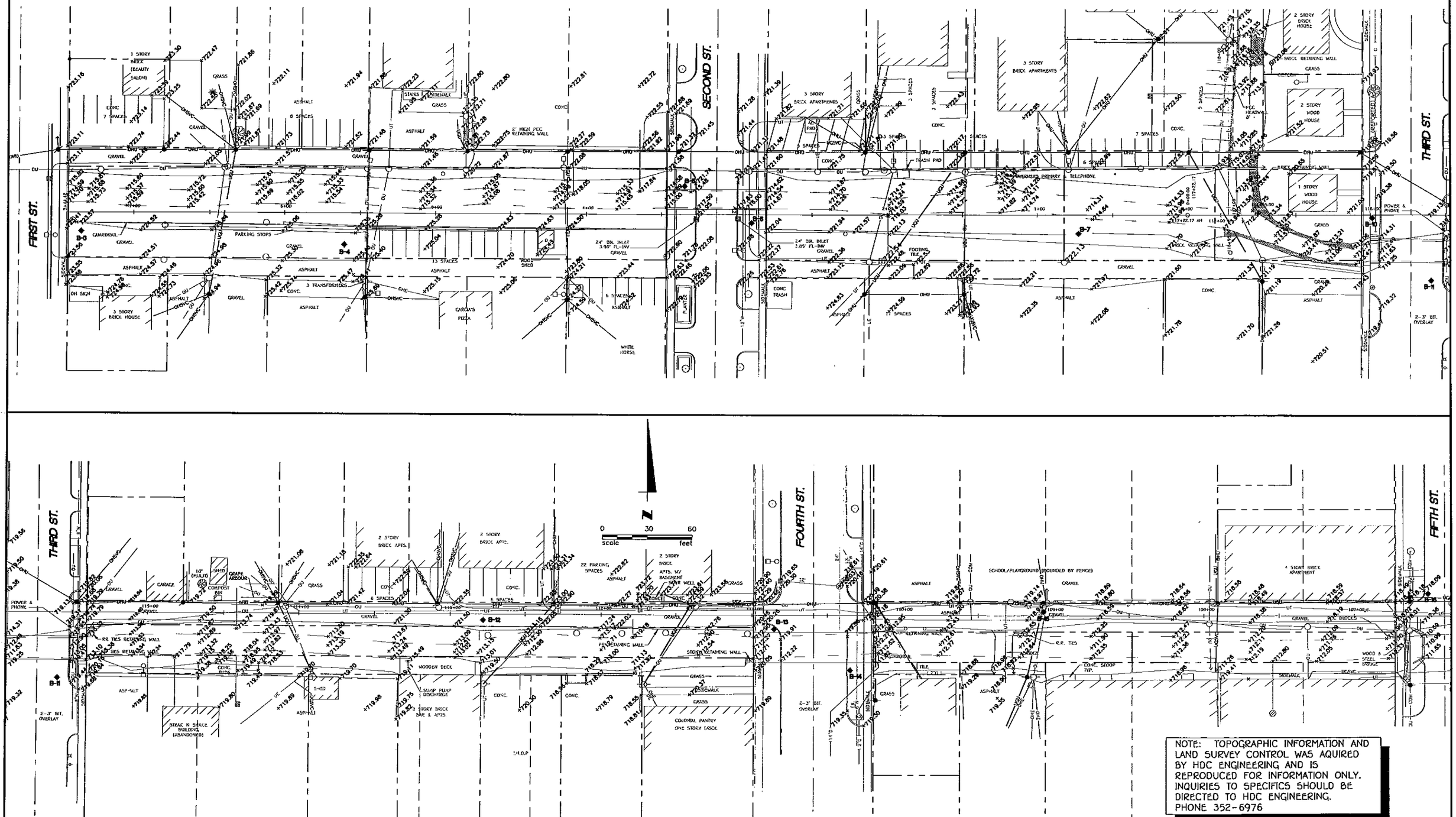

NOTE: TOPOGRAPHIC INFORMATION AND LAND SURVEY CONTROL WAS AQUIRED BY HDC ENGINEERING AND IS REPRODUCED FOR INFORMATION ONLY. INQUIRIES TO SPECIFICS SHOULD BE DIRECTED TO HDC ENGINEERING. PHONE 352-6976

DRAWN BY: GAB	DESIGNED BY: CHK'D BY:	REVISIONS:	BONEYARD CREEK CHANNEL IMPROVEMENTS 1st TO WRIGHT STREET
DATE: 5-20-98	APPROVED BY:		EXISTING TOPOGRAPHY
PROJ. NAME: BONEYARD CREEK	DWG: G:\LD\1350-50.TBJ\PLANS\EX-SITE.dwg		SHEET 14 OF 80
Prepared by: DAILY & ASSOCIATES, ENGINEERS, INC. CHAMPAIGN & PEORIA, ILLINOIS			JOB NO. 1350.50

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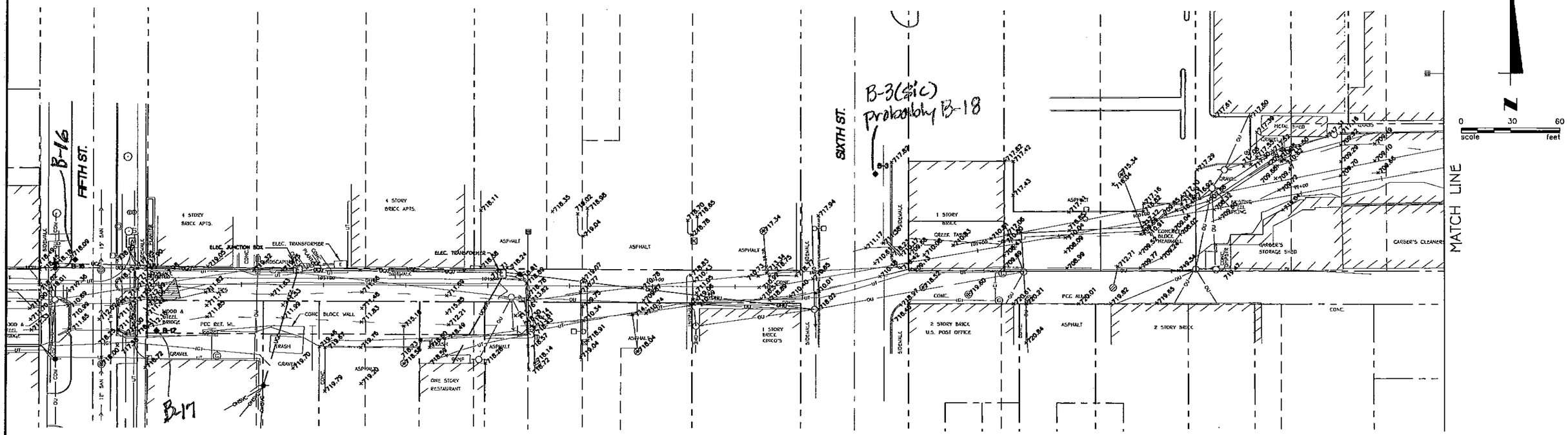

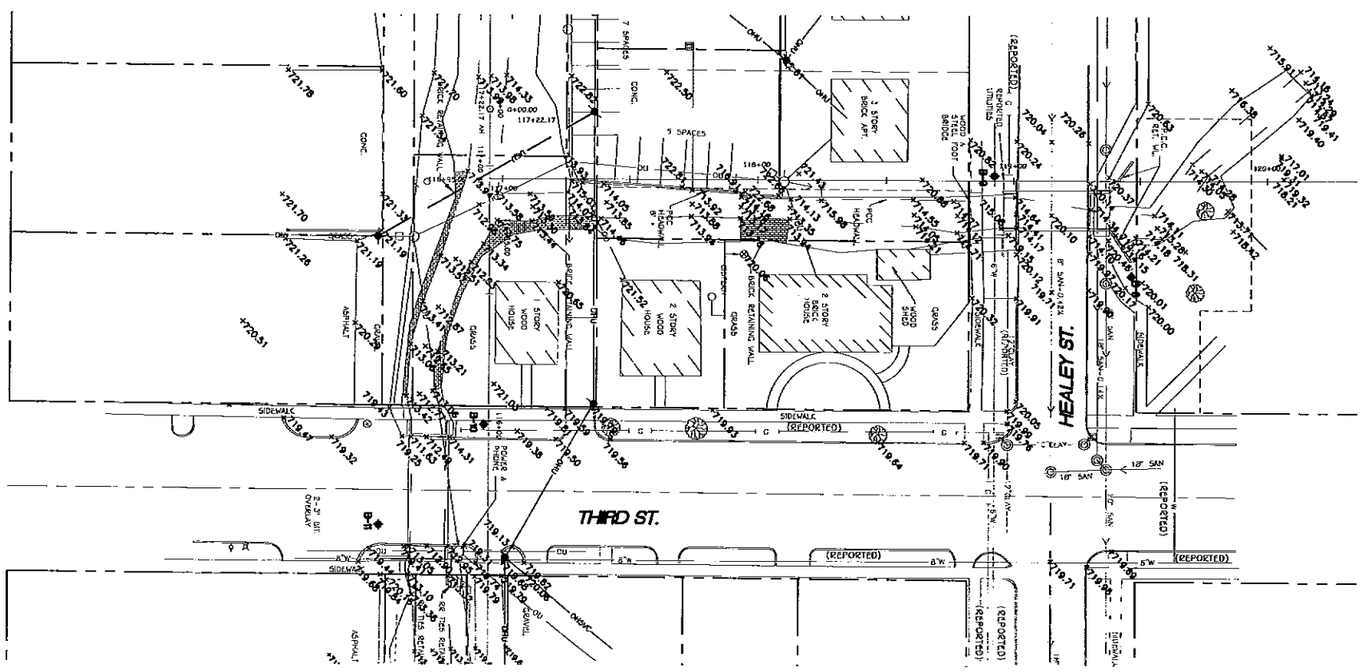

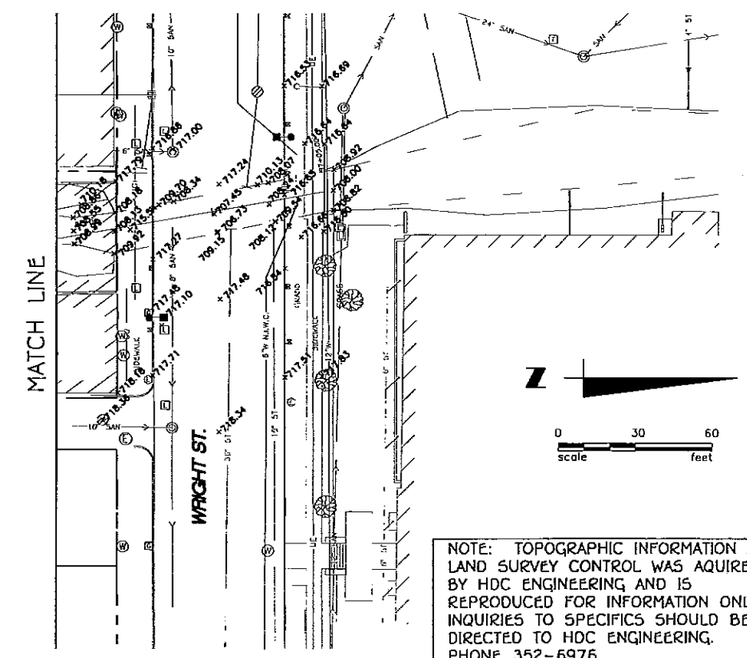

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DRAWN BY: GAB	DESIGNED BY:	CHK'D BY:	REVISIONS:
DATE: 5-20-98	APPROVED BY:		
PROJ. NAME: BONEYARD CREEK	DWG: G:\LD\1350-50.TBJ\PLANS\EX-SITE.dwg		

Prepared by: **DAILY & ASSOCIATES, ENGINEERS, INC.** CHAMPAIGN & PEORIA, ILLINOIS

BONEYARD CREEK
CHANNEL IMPROVEMENTS
1st TO WRIGHT STREET

EXISTING TOPOGRAPHY

SHEET 15 OF 80

JOB NO. 1350.50

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BORING LOG — BORING NO. B-1

SHT 1 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 21, 1997

GROUND ELEVATION ____ TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
Dark brown silty CLAY (OL), some sand and cinders, Fill	1-AU				29	
	2-SS	8	2.5	2.8	31	
5						
Gray silty CLAY (CL) with sand	3-SS	4	1.0		27	
	4-SS	13			18	▼ During Drilling: 7.5 Ft.
10 Brown medium-coarse clayey SAND (SW-SC)	5-SS	16			21	
	6-SS	12	2.7		10	
15 Gray clayey SILT (ML) with sand, trace small gravel	7-SS	9	1.2	1.4	12	
	8-SS	9	3.2	4.0	15	
20 Gray silty CLAY (CL-ML), trace small gravel	9-SS	11	2.7	2.6	12	
25	10-SS	11	3.5	3.4	12	
30	11-SS	12	2.2	1.8	13	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — BORING NO. B-2

SHT 2 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING FEBRUARY 6, 1997

GROUND ELEVATION ____ TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
2" Asphalt over Dark brown silty CLAY (OL) with brick fragments, FILL	1-AU				23	
	2-SS	10	2.5		27	
5						
Gray and brown mottled silty CLAY (CL), trace sand	3-SS	7	2.2		19	Boring dry during drilling and on completion
Gray silty CLAY (CH)	4-SS	4	0.25		30	
10	5-SS	12	Poor Recovery			
	6-SS	9	4.5	4.0	12	
15	7-SS	10	4.5	5.2	12	
	8-SS	10	3.5	3.4	13	
20 Gray clayey SILT (ML-CL), trace small gravel	9-SS	10	3.7	3.8	12	
25	10-SS	9	3.5	3.6	12	
30	11-SS	8	3.0	3.2	12	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — BORING NO. B-3

SHT 3 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 21, 1997

GROUND ELEVATION 723.5 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
6" Gravel over Dark brown and black mixed silty CLAY (OL) with sand, gravel and brick fragments, FILL	1-AU				19	
	2-SS	5	1.7		23	
5						
	3-SS	5	1.2	1.4	24	
Gray sandy SILT (SM)	4-SS	6	2.7		16	▼ During Drilling: 10 Ft.
10 Gray medium-coarse SAND (SW), some gravel	5-SS	13			12	
Gray fine-medium SAND (SP)	6-SS	19			19	
15	7-SS	17			14	
	8-SS	13			12	
20 Gray medium-coarse SAND (SW), some gravel	9-SS	11			14	
25	10-SS	14			14	
30 Gray silty CLAY (CL-ML), trace small gravel	11-SS	13	2.0	3.2	12	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — BORING NO. B-4

SHT 4 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 21, 1997

GROUND ELEVATION 725.5 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
8" Gravel over Dark brown mixed clay, sand and cinders, FILL	1-AU				16	
Black clayey SILT (OL)	2-SS	6			28	
5						
Gray and brown mottled sandy CLAY (CL), trace small gravel	3-SS	4	2.0	2.4	20	
	4-SS	14			15	
10 Brown medium-coarse SAND (SW), some gravel	5-SS	12			21	▼ During Drilling: 10 Ft.
	6-SS	10			14	
15	7-SS	13			20	
Gray medium-coarse SAND (SW) with some gravel and silt seams	8-SS	7			16	
20	9-SS	11			13	
25	10-SS	6			14	
30 Gray silty CLAY (CL-ML), trace small gravel	11-SS	14	3.2	3.8	12	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — BORING NO. B-5

SHT 5 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 22, 1997

GROUND ELEVATION 721.7 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
8" Topsoil over Brown fine SAND (SP), FILL	1-AU				5	
	2-SS	4			5	
5	3-SS	3			12	
	4-SS	1			26	▼ During Drilling: 7.5 Ft.
Black sandy CLAY (SC) with gravel 10	5-SS	8			15	
Gray medium-coarse SAND (SW)	6-SS	17			17	
15	7-SS	13			11	
	8-SS	13			18	
Gray fine-medium SAND (SP), some gravel 20	9-SS	19			19	
Gray silty CLAY (CL-ML) with sand 25 lenses, trace small gravel	10-SS	11	1.5	2.0	13	
30	11-SS	11	3.0	3.2	13	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — BORING NO. B-6

SHT 6 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 22, 1997

GROUND ELEVATION 722.0 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
8" Topsoil over Brown fine SAND (SP)	1-AU				4	
	2-SS	5	1.0	1.4	24	
5 Dark brown and brown mixed silty CLAY (CL-OL) with sand and gravel, FILL	3-SS	2	0.5	0.4	27	
	4-SS	1	0.5	0.5	30	
10	5-SS	6			19	▼ During Drilling: 10 Ft.
Brown medium-coarse SAND (SW)	6-SS	16			17	
15	7-SS	16			16	
GRAY medium-coarse SAND (SW)	8-SS	21			11	
20	9-SS	13			11	
Gray clayey SILT (ML) with sand lenses						
25	10-SS	11	2.5	2.6	13	
Gray clayey SILT (ML-CL) with sand lenses, trace small gravel						
30	11-SS	11	0.5	0.4	15	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — BORING NO. B-7

SHT 7 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 22, 1997

GROUND ELEVATION 722.1 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
Dark brown and black mixed silty CLAY (OL) with sand, gravel and brick fragments, FILL	1-AU				22	
	2-SS	5			21	
5	3-SS	5	1.5	1.5	26	
Gray silty CLAY (CL) with sand	4-SS	10			16	▼ During Drilling: 7.5 Ft.
Gray SILT (ML) with sand lenses 10	5-SS	9	1.5	2.5	19	
Gray fine, silty SAND (SP-SM)	6-SS	9	0.5	0.8	22	
15 Gray SILT (ML) with sand lenses	7-SS	10	1.0	1.7	21	
	8-SS	13	1.5	2.0	19	
20 Gray medium-coarse SAND (SW), with gravel	9-SS	8			10	
25	10-SS	9	3.0	3.2	13	
Gray clayey SILT (ML-CL) with sand lenses, trace small gravel						
30	11-SS	14	3.0	4.4	12	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — BORING NO. B-8

SHT 8 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 14, 1997

GROUND ELEVATION 720.1 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
Black clayey SILT (OL)	1-AU				27	
Dark brown silty CLAY (CL-OL), some sand	2-SS	6	1.5		22	
5	3-SS	6	2.0	1.8	26	
Brown silty CLAY (CL), with sand and small gravel	4-SS	12	2.0		11	▼ During Drilling: 7.5 Ft.
10 Gray SILT (ML)	5-SS	8	2.0	2.2	20	
	6-SS	13	3.5		21	
15 Gray clayey SILT (ML) with sand lenses	7-SS	16	1.0		19	
	8-SS	13			16	
20	9-SS	8	4.2	4.2	11	
Gray silty CLAY (CL-ML), trace small gravel 25	10-SS	8	3.5	3.1	12	
30	11-SS	12	3.2	3.4	12	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

G:\LD\1350-50 S\Blog.dwg Wed Oct 13 16:49:04 1999 GAB

D&A

DRAWN BY: WKH
DATE: 5-20-98
PROJ. NAME: BONEYARD CREEK

DESIGNED BY: CHK'D BY:
APPROVED BY:
DWG: G:\LD\1350-50.TBJ\PLANS\BLOG.dwg

REVISIONS:

Prepared by: DAILY & ASSOCIATES, ENGINEERS, INC. CHAMPAIGN & PEORIA, ILLINOIS

BONEYARD CREEK CHANNEL IMPROVEMENTS 1st TO WRIGHT STREET

SOIL BORING LOG SHEET

JOB NO. 1350.50

BORING LOG — B-9

BORING NO. B-9 SHT 9 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 15, 1997

GROUND ELEVATION 720.4 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
Black clayey SILT (OL)	1-AU				34	
Dark grayish-black silty CLAY (CL-OL), some sand	2-SS	5			32	
	3-SS	5	1.2		22	
Gray fine, silty SAND (SP-SM)	4-SS	12			20	During Drilling: 7.5 Ft.
Gray SILT (ML)	5-SS	6	1.0		21	
	6-SS	10			23	
Gray fine, silty SAND (SP-SM)	7-SS	15			20	
	8-SS	9			18	
Gray medium-coarse SAND (SW)	9-SS	13			12	
	10-SS	9	2.7		13	
Gray silty CLAY (CL-ML), trace small gravel	11-SS	7	2.0	2.0	13	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — B-10

BORING NO. B-10 SHT 10 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 15, 1997

GROUND ELEVATION 719.4 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
Dark brown silty CLAY (OL), some sand	1-AU				25	
Dark gray mixed silty CLAY (CL), with crushed stone and brick fragments, FILL	2-SS	4	1.5		23	
	3-SS	2	0.5	0.8	24	
Brownish_gray clayey SILT (ML)	4-SS	6	1.7		21	During Drilling: 9 Ft.
	5-SS	8	1.7		22	
Gray clayey SILT (ML)	6-SS	10	1.2		14	
Gray fine, silty SAND (SP-SM)	7-SS	11			19	
Gray medium-coarse SAND (SW)	8-SS	19			18	
	9-SS	14			12	
Gray silty CLAY (CL-ML), trace small gravel	10-SS	6	1.7	1.5	13	
	11-SS	7	1.7	2.0	13	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — B-11

BORING NO. B-11 SHT 11 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 22, 1997

GROUND ELEVATION 719.0 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
1" Asphalt over 5" Concrete over Dark brown mixed silty CLAY (OL) with gravel	1-AU				23	
Gray and brown mottled silty CLAY (CL)	2-SS	4	0.2	0.3	39	
Gray sandy SILT (SM) with organic matter	3-SS	5	1.5	2.5	18	During Drilling: 7 Ft.
Gray fine, silty SAND (SP-SM)	4-SS	11			16	
Gray SILT (ML) with sand seams	5-SS	8	2.0		20	
	6-SS	10	2.0		18	
Gray clayey SILT (ML) with coarse sand lenses, trace small gravel	7-SS	11	2.5	4.4	13	
	8-SS	10			9	
Gray clay SILT (ML-CL) with sand lenses, trace small gravel	9-SS	8	1.0	1.8	11	
	10-SS	6	2.0	2.2	12	
	11-SS	12	1.5		16	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — B-12

BORING NO. B-12 SHT 12 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 30, 1997

GROUND ELEVATION 721.5 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
6" Gravel over Black clayey SILT (OL) with sand, gravel and brick fragments	1-AU				20	
Brown sandy CLAY (SC) with gravel	2-SS	8	4.5		16	
	3-SS	9			9	
Brown fine-medium silty SAND (SP)	4-SS	6			23	During Drilling: 7.5 Ft.
	5-SS	7			16	
Gray medium SAND (SP), some gravel	6-SS	11			14	
Gray clayey SILT (ML), trace small gravel	7-SS	8	2.7	3.4	12	
Gray medium-coarse SAND (SW)	8-SS	15			13	
	9-SS	12			22	
Gray clayey SILT (ML-CL), trace small gravel	10-SS	13	1.5	5.0	23	
	11-SS	10	3.2	3.8	12	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — B-13

BORING NO. B-13 SHT 13 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 31, 1997

GROUND ELEVATION 720.0 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
3" Asphalt over Concrete	1-AU				5	
Brown fine SAND (SP)	2-SS	2			3	
	3-SS	2			6	
Brownish-gray fine SAND (SP)	4-SS	2			24	During Drilling: 7.5 Ft.
	5-SS	1			21	
	6-SS	6			22	
Gray clayey SILT (ML-CL), trace small gravel	7-SS	8	2.0	2.2	14	
	8-SS	14	2.5	2.4	12	
	9-SS	14	4.0	4.0	13	
	10-SS	11	4.0	5.4	11	
	11-SS	20	4.0	5.2	11	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — B-14

BORING NO. B-14 SHT 14 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING FEBRUARY 6, 1997

GROUND ELEVATION 719.6 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
Black silty CLAY (OL)	1-AU				25	
Brown fine-medium SAND (SP)	2-SS	4			5	
	3-SS	2			14	
Brownish-gray medium-coarse SAND (SP)	4-SS	8			14	During Drilling: 7 Ft.
	5-SS	8	1.7	1.8	15	
Gray clayey SILT (ML) with sand seams, trace small gravel	6-SS	9	1.5	1.4	13	
Gray sandy SILT (SM) with sand seams, trace small gravel	7-SS	5	1.2	1.0	14	
	8-SS	10	1.7	1.6	10	
	9-SS	8	2.0	2.0	12	
	10-SS	6	0.2		15	
Gray clayey SILT (ML-CL), trace small gravel	11-SS	10	2.0	2.0	13	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — B-15

BORING NO. B-15 SHT 15 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 30, 1997

GROUND ELEVATION 719.0 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
6" Gravel over Dark brown/dark gray/brown/black mixed silty CLAY (CL-OL) with sand	1-AU				27	
Gray and brown mottled sandy SILT (SM), some gravel	2-SS	6	2.2		22	
Brown silty SAND (SP-SM) with silt seams	3-SS	7	3.2		16	During Drilling: 7 Ft.
	4-SS	7	3.5		16	
Gray clayey SILT (ML-CL), trace small gravel	5-SS	8	2.7	2.2	13	
	6-SS	9	2.5	2.6	12	
	7-SS	9	2.0	2.0	11	
	8-SS	11	4.5±	5.0	12	
	9-SS	8	1.0	1.0	13	
	10-SS	9	1.5	2.6	13	
	11-SS	9	1.7	2.6	13	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG — B-16

BORING NO. B-16 SHT 16 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS

LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 31, 1997

GROUND ELEVATION 717.5 (EST.) TOTAL DEPTH 31.5'

DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
2" Asphalt over Brick with sand base						
Dark brown silty CLAY (OL)	1-AU				26	
Brown and dark brown mottled silty CLAY (CL)	2-SS	6	1.5	2.0	27	
Gray and brown mottled silty CLAY (CL)	3-SS	7	1.0	1.5	27	Boring dry during drilling and on completion
Gray silty CLAY (CL-ML), trace small gravel	4-SS	7	3.5	4.2	11	
	5-SS	8	3.0	3.6	12	
	6-SS	7	3.0	4.0	11	
Gray clayey SILT (ML-CL), trace small gravel	7-SS	7	2.7	2.6	11	
	8-SS	8	2.5	2.6	12	
	9-SS	11	4.0	4.2	12	
	10-SS	9	3.0	2.8	12	
	11-SS	20	Rock Fragments		8	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

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D&A

DRAWN BY: WKH
DATE: 5-20-98
PROJ. NAME: BONEYARD CREEK

DESIGNED BY: CHK'D BY:
APPROVED BY:
DWG: G:\LD\1350-50.TBJ\PLANS\BLOG.dwg

REVISIONS:

Prepared by: DAILY & ASSOCIATES, ENGINEERS, INC. CHAMPAIGN & PEORIA, ILLINOIS

BONEYARD CREEK CHANNEL IMPROVEMENTS 1st TO WRIGHT STREET

SOIL BORING LOG SHEET

SHEET 77 OF 80

JOB NO. 1350.50

BORING LOG

BORING NO. B-17
SHT 17 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS
LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 24, 1997
GROUND ELEVATION 718.0 (EST.) TOTAL DEPTH 31.5'
DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
6" Concrete over Dark brown and gray mixed silty SAND (SM) with gravel and brick fragments, FILL	1-AU				17	
	2-SS	2			16	
5 Gray and brown mottled silty CLAY (CL), trace sand and small gravel	3-SS	3	0.5	0.8	20	During Drilling: 6 Ft.
Brownish-gray clayey SILT (ML), trace small gravel	4-SS	7	2.5	2.0	14	
10	5-SS	10	2.7	2.8	12	
Gray clayey SILT (ML), trace small gravel	6-SS	8	2.0	1.8	11	
15	7-SS	10	4.0	3.8	11	
Brownish-gray sandy CLAY(CL-ML), trace small gravel	8-SS	10	3.0	2.6	13	
20	9-SS	11	2.0	1.6	13	
25	10-SS	7	2.5	2.6	13	
Gray clayey SILT (ML-CL) with sand lenses, trace small gravel						
30	11-SS	11	8.0	3.4	9	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG

BORING NO. B-18
SHT 18 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS
LOCATION CHAMPAIGN, IL. DATE OF BORING JANUARY 24, 1997
GROUND ELEVATION TOTAL DEPTH 31.5'
DRILLED BY MES LOGGED BY ROBERT HAHN (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
2" Asphalt over Dark brown and gray mixed silty CLAY (OL) with sand	1-AU				24	
Dark brown clayey SILT (OL)	2-SS	4	1.5		32	
5 Dark brown and brown mottled silty CLAY (CL), some sand	3-SS	6	1.5	3.4	26	Boring dry during drilling
Gray sandy CLAY (CL-SC), trace small gravel	4-SS	3	1.0	1.4	16	
10	5-SS	7	1.5		15	
Grayish-brown clayey SILT (ML), trace small gravel	6-SS	9	2.0	2.6	12	
15	7-SS	12	3.0	3.0	12	
	8-SS	7	2.5	2.4	11	
20 Gray clayey SILT (ML-CL), trace small gravel	9-SS	10	2.5		14	
25	10-SS	6	1.7		10	
30	11-SS	8	1.7	2.0	13	
END OF BORING: 31.5 FT.						

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

BORING LOG

BORING NO. B-1
SHT 19 OF 19

D/A JOB NO. 1350.50 PROJECT BONEYARD CREEK CHANNEL IMPROVEMENTS
LOCATION 6th & WRIGHT STREETS ALLEY DATE OF BORING JULY 3, 1997
GROUND ELEVATION TOTAL DEPTH 31.5'
DRILLED BY MES LOGGED BY J. T. BARTHOLOMEW (MES)

VISUAL SOIL CLASSIFICATION GROUND SURFACE DEPTH: (Feet)	SAMPLE NO.	N	Q_p (tsf)	Q_u (tsf)	MC (%)	REMARKS
6" Concrete over 6" black silty CLAY on surface	1-AU				17	
Brown fine silty SAND (SP), FILL	2-SS	2			8	
5	3-SS	3			7	
Black silty CLAY (CH)						
Gray and brown mottled sandy CLAY (SC-CL)	4-SS	2	0.5		26	
10	5-SS	3			19	
Gray sandy CLAY with small gravel (CL-SC), Till	6-SS	11	2.0		16	Completion 12 Ft. Drilling 12.5 Ft.
15	7-SS	13	1.0		15	
Brown SILT (ML)						
	8-SS	15			10	
20 Gray fine to medium SAND (SP)	9-SS	12			8	
	10-SS	16			14	
25	11-SS	22			14	
Gray and brown fine to medium SAND (SP)						
Gray silty CLAY with sand and small gravel (CL), Till 30	12-SS	12	4.0	3.8	12	
END OF BORING: 34 FT.	13-SS	13	4.5	5.0	10	

MIDWEST ENGINEERING SERVICES, INC. CHAMPAIGN, ILLINOIS

UNIFIED SOIL CLASSIFICATION

MAJOR DIVISIONS			SYMBOL	TYPICAL DESCRIPTION
COARSE GRAINED SOILS	Gravel & Gravelly Soils	Clean Gravels	GW	Well-graded gravels & gravel-sand mixtures
			GP	Poorly-graded gravels & gravel-sand mixtures
		Gravels with Fines	GM	Silty gravels & gravel-sand-silt mixtures
			GC	Clayey gravels & gravel-sand clay mixtures
	Sand & Sandy Soils	Clean Sands	SW	Well-graded sands & gravelly sands
			SP	Poorly-graded sands & gravelly sands
		Sands With Fines	SM	Silty sands & sand-silt mixtures
			SC	Clayey sands & clay-sand mixtures
FINE GRAINED SOILS	Silts & Clays of Low Plasticity		ML	Inorganic silts or clayey silts of slight plasticity
			CL	Inorganic clays of low medium plasticity
			OL	Organic silts & organic silty clays of low plasticity
	Silts & Clays of High Plasticity		MH	Inorganic silts of high plasticity
			CH	Inorganic clays of medium to high plasticity
			OH	Organic clays of medium to high plasticity
Highly Organic Soils			PT	Peat, humus, & swamp soils with high organic contents

NOTE: Dual symbols are used to indicate borderline classifications.

LEGEND

AU	Auger Sample
SS	Split-spoon, 2" O.D. by 1 3/8" I.D.
Q_u	Unconfined compressive strength, tons per square foot (tsf)
Q_p	Calibrated hand penetrometer resistance, tsf
MC	Moisture Content, %
N	Standard penetration count, indicating number of blows of a 140 lb. hammer with a 30 inch drop, required to advance a split-spoon sampler one foot.

NOTES:

1. SOIL BORING ELEVATION DATA WAS TAKEN FROM EXIST. TOPOGRAPHIC DRAWINGS.
2. SEE SHEETS 14 & 15 FOR SOIL BORING LOCATIONS.

D&A

DRAWN BY: WKH
DATE: 5-20-98
PROJ. NAME: BONEYARD CREEK

DESIGNED BY: CHK'D BY:
APPROVED BY:
DWG: G:\LD\1350-50.TBJ\PLANS\BLOG.dwg

REVISIONS:

Prepared by: DAILY & ASSOCIATES, ENGINEERS, INC. CHAMPAIGN & PEORIA, ILLINOIS

BONEYARD CREEK CHANNEL IMPROVEMENTS 1st TO WRIGHT STREET

SOIL BORING LOG SHEET

SHEET 78 OF 80

JOB NO. 1350.50

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