F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	-	COOK	598	424U
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
* (1818, ETC. 2324.6-1PIR-9			62302	

Illinois Department of Transportation
Division of Highways
AMERICAN DESIGNS INTERNATIONAL INC.

SOIL BORING LOG

Page 1 of 1
Date 2/3/05

ROUTE F.A.I. I-94 / I-90 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY RS
SECTION LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station 69th Street
BORING NO. B69-2
Station 1373+04.10
Offset -1.70ft (SBDR)
Ground Surface Elev. -6.12 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter Dry ft
Upon Completion ft
After hrs. ft

Depth	Sample No.	Blows per 6"	N Value	Qu (tsf)	Moisture Content %	Liquid Limit %	Plasticity Index %
-6.45							
-7.29							
-7.55							
	1	2-3-5	8		15.0		
	2	3-4-3	7	P			
-11.12							
	3	3-4-4	8		12.8		
	4	3-4-3	7				
	5	3-5-6	11		21.8		
	6	4-4-5	9	B,S			
	7	3-4-4	8		11.8		
	8	3-4-5	9	B			
	9	4-5-6	11		13.9		
	10	3-4-4	8	B,S			
	11	3-4-4	8		12.8		
	12	3-4-5	9	S			
	13	4-6-8	14		12.8		
	14	4-5-6	11	S			
-26.12	15	3-4-4	8		15.8		

End of Boring
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (F)Axial, (P)Plane, or (V)Vane shear
The SPT N value is the sum of the last two blow values in each sampling zone UNDRIL 1989

BRS From 13' Rev. 8-94

Illinois Department of Transportation
Division of Highways
AMERICAN DESIGNS INTERNATIONAL INC.

SOIL BORING LOG

Page 1 of 1
Date 2/3/05

ROUTE F.A.I. I-94 / I-90 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY RS
SECTION LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station 69th Street
BORING NO. B69-4
Station 1375+83.92
Offset -5.36ft (SBDR)
Ground Surface Elev. -4.77 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter Dry ft
Upon Completion ft
After hrs. ft

Depth	Sample No.	Blows per 6"	N Value	Qu (tsf)	Moisture Content %	Liquid Limit %	Plasticity Index %
-5.34							
-6.82							
-6.78							
	1	2-3-3	6				
	2	3-4-4	8	S	18.0		
	3	3-3-3	6				
	4	3-4-3	7	B	16.8		
-9.77							
	5	2-3-4	7		15.0		
	6	3-4-4	8	S			
	7	2-3-5	8		19.8		
	8	3-4-8	12	P			
	9	2-3-3	6		13.8		
	10	3-4-3	7	B			
	11	3-5-6	11		13.8		
	12	3-4-4	8	P			
	13	3-5-6	11		13.8		
	14	3-4-4	8	S			
-24.77	15	3-4-4	8		13.8		

End of Boring
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (F)Axial, (P)Plane, or (V)Vane shear
The SPT N value is the sum of the last two blow values in each sampling zone UNDRIL 1989

BRS From 13' Rev. 8-94

Illinois Department of Transportation
Division of Highways
AMERICAN DESIGNS INTERNATIONAL INC.

SOIL BORING LOG

Page 1 of 1
Date 2/3/05

ROUTE F.A.I. I-94 / I-90 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY RS
SECTION LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station 69th Street
BORING NO. B69-5
Station 1378+41.64
Offset -6.56ft (SBDR)
Ground Surface Elev. -5.62 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter -16.6 ft
Upon Completion ft
After hrs. ft

Depth	Sample No.	Blows per 6"	N Value	Qu (tsf)	Moisture Content %	Liquid Limit %	Plasticity Index %
-5.95							
-6.62							
-7.29							
	1	2-3-4	7				
	2	3-5-8	13	S	14.5	25	12.6
	3	4-5-6	11	P			
	4	3-4-5	9				
	5	3-5-6	11				
	6	4-6-10	16				
	7	3-5-8	13	S	14.5	25	8.8
-18.62	8	4-6-8	14	P			
	9	3-4-7	11		13.8		
	10	3-4-4	8	P			
	11	3-4-7	11		13.8		
	12	3-4-4	8	S			
	13	3-4-8	12		13.8		
	14	4-5-7	12	B,S			
	15	3-4-5	9		9.8		
	16	3-4-4	8	B,S			
	17	3-4-5	9		12.8		
	18	3-4-5	9	S			
	19	3-4-4	8		12.8		
	20	3-4-4	8	S			

End of Boring
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (F)Axial, (P)Plane, or (V)Vane shear
The SPT N value is the sum of the last two blow values in each sampling zone UNDRIL 1989

BRS From 13' Rev. 8-94

Illinois Department of Transportation
Division of Highways
AMERICAN DESIGNS INTERNATIONAL INC.

SOIL BORING LOG

Page 1 of 1
Date 1/31/05

ROUTE F.A.I. I-94 / I-90 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY RS
SECTION LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station 63rd Street
BORING NO. B63-2
Station 1423+33.77
Offset 4.19ft (SBDR)
Ground Surface Elev. 3.51 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter Dry ft
Upon Completion ft
After hrs. ft

Depth	Sample No.	Blows per 6"	N Value	Qu (tsf)	Moisture Content %	Liquid Limit %	Plasticity Index %
2.26							
1.65							
	1	1-2-3	5				
	2	2-2-5	7	B	19.8		
	3	2-3-4	7				
	4	3-4-4	8	B	18.8		
-1.49							
	5	3-4-4	8		17.8		
	6	3-4-5	9	B			
	7	3-4-4	8		18.8		
	8	3-4-5	9	B			
-6.49							
	9	3-4-5	9		13.8		
	10	3-4-4	8	B			
	11	3-4-4	8		12.8		
	12	3-4-5	9	B,S			
	13	3-4-4	8		12.8		
	14	3-4-4	8	S			
	15	3-4-5	9		14.8		
	16	3-5-6	11	S			
	17	3-4-5	9		21.8		
-21.49	18	3-5-6	11				
	19	3-4-5	9		14.8		
	20	3-4-4	8	S			

End of Boring
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (F)Axial, (P)Plane, or (V)Vane shear
The SPT N value is the sum of the last two blow values in each sampling zone UNDRIL 1989

BRS From 13' Rev. 8-94

Illinois Department of Transportation
Division of Highways
AMERICAN DESIGNS INTERNATIONAL INC.

SOIL BORING LOG

Page 1 of 1
Date 1/31/05

ROUTE F.A.I. I-94 / I-90 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY RS
SECTION LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station 63rd Street
BORING NO. B63-3
Station 1424+77.79
Offset 3.39ft (SBDR)
Ground Surface Elev. 4.35 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter Dry ft
Upon Completion ft
After hrs. ft

Depth	Sample No.	Blows per 6"	N Value	Qu (tsf)	Moisture Content %	Liquid Limit %	Plasticity Index %
4.17							
3.53							
3.02							
	1	1-2-2	4				
	2	1-2-2	4				
	3	1-2-2	4				
	4	1-1-2	3	B	22.8		
	5	2-3-5	8				
	6	3-4-4	8	B	21.8		
	7	2-3-3	6				
	8	2-3-3	6	B	28.8		
-5.65							
	9	2-3-3	6				
	10	3-4-4	8	B	18.8		
	11	3-4-4	8		13.8		
	12	3-4-4	8	B			
	13	3-4-4	8		12.8		
	14	3-4-4	8	B,S			
	15	3-4-5	9		12.8		
	16	3-4-4	8	S			
-15.65	17	3-4-4	8		12.8		

End of Boring
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (F)Axial, (P)Plane, or (V)Vane shear
The SPT N value is the sum of the last two blow values in each sampling zone UNDRIL 1989

BRS From 13' Rev. 8-94

Illinois Department of Transportation
Division of Highways
AMERICAN DESIGNS INTERNATIONAL INC.

SOIL BORING LOG

Page 1 of 1
Date 1/31/05

ROUTE F.A.I. I-94 / I-90 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY RS
SECTION LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station 63rd Street
BORING NO. B63-4
Station 1426+66.42
Offset 2.96ft (SBDR)
Ground Surface Elev. 4.23 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter Dry ft
Upon Completion ft
After hrs. ft

Depth	Sample No.	Blows per 6"	N Value	Qu (tsf)	Moisture Content %	Liquid Limit %	Plasticity Index %
4.89							
3.27							
2.89							
	1	1-2-3	5				
	2	2-3-4	7	B	18.8		
	3	2-3-4	7				
	4	3-4-5	9	B	17.8		
-8.77							
	5	3-4-4	8		17.8		
	6	3-4-4	8	B			
	7	3-4-4	8		17.8		
	8	3-4-4	8	B			
	9	3-4-4	8		17.8		
	10	3-4-4	8	B			
-13.27							
	11	3-4-5	9		13.8		
	12	3-4-4	8	B			
	13	3-4-4	8		12.8		
	14	3-4-4	8	B,S			
	15	3-4-5	9		12.8		
	16	3-4-4	8	S			
-18.77	17	3-4-4	8		12.8		

End of Boring
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (F)Axial, (P)Plane, or (V)Vane shear
The SPT N value is the sum of the last two blow values in each sampling zone UNDRIL 1989

BRS From 13' Rev. 8-94

ADDED SHEET SB-06

CTE | AECOM

REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (SB EXPRESS LANES)

SOIL BORING LOGS

SCALE: NONE DRAWN BY: LAM
DATE: September 16, 2005 CHECKED BY: JAL

9/16/2005 2:45:06 PM

P:\PROJECTS\CHICAGO\SBLOGS\SBLOG01.DGN