

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING BORING-B-1

MIRZA ENGINEERING, INC. BORING LOG		CHICAGO, ILLINOIS	
JOB NO. 9179	CLIENT ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO. 1	DATE Dec. 14, 1993
PROJECT	FAI-55 OVER Mink Creek	STATION 2474+55	DATE Dec. 14, 1993
LOCATION	Will County, Illinois	OFFSET 50' LT	
BORING RIG & METHOD	Mobile B-57 w/Hollow Stem Auger-Wash below 50'	DRILLER ROSEB1	
GROUND WATER OBSERVATIONS	CORE SIZE	INSPECTOR Mauter	
14 FT. ELEV. 592.2 DURING DRILLING	CASING LENGTH 50 FT.		
Cased @ 15.7 FT. ELEV. 590.9 AFTER 4 HRS.	CASING DIAMETER 4 IN.		
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION AND REMARKS
	0.0-1.0	595.4	10" Bituminous Concrete
	1.5-2.5		
	4.0-5.0		FILL: Dark Br & Gr Clay A-6; Organic matter noted
	6.5-7.5		
	9.0-10.0		
	11.5-12.5	592.6	
	14.0-15.0		
	16.5-17.5		Medium Dense Gr Sand A-1-a; Clay seams noted
	19.0-20.0		
	21.5-22.5		
	24.0-25.0	580.0	
	26.5-27.5		
	29.0-30.0		Hard Gr. Loam A-4; Occasional cobbles and numerous Limestone fragments noted
	31.5-32.5		
	34.0-35.0	578.7	
	36.5-37.5		Dense to Medium dense Gr Silty Clay Loam A-4
	39.0-40.0	565.2	Cobble noted @ 39.6'
	41.5-42.5	563.2	Extremely Dense Gr Weathered SHALE
	44.0-45.0		Medium Dense Gr Weathered SHALE
	46.5-47.5		
	49.0-50.0	556.2	Medium Dense Gr Weathered SHALE
	51.0-52.3	553.9	(Apparent) Dolomitic LIMESTONE bedrock
		552.4	
			Roller-bit thru apparent LIMESTONE bedrock from 52.3' to 53.8' - Very hard drilling

\*Sample too sandy for valid Qu Test ( ) = Estimate

EXISTING BORING-B-2

MIRZA ENGINEERING, INC. BORING LOG		CHICAGO, ILLINOIS	
JOB NO. 9179	CLIENT ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO. 2	DATE Dec. 2, 1993
PROJECT	FAI-55 OVER Mink Creek	STATION 2474+60	DATE Dec. 2, 1993
LOCATION	Will County, Illinois	OFFSET 15' LT	
BORING RIG & METHOD	Mobile B-57 w/Hollow Stem Auger-Wash below 25'	DRILLER Roscel	
GROUND WATER OBSERVATIONS	CORE SIZE	INSPECTOR Mauter	
13.5 FT. ELEV. 592.4 DURING DRILLING	CASING LENGTH 50 FT.		
Cased @ 13.5 FT. ELEV. 592.3 AFTER 4 HRS.	CASING DIAMETER 4 IN.		
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION AND REMARKS
	0.0-1.0	595.1	10" Bituminous Concrete
	1.5-2.5		
	4.0-5.0		FILL: Br to Dark Gr Clay Loam A-7-G; Gravel seams and Organic matter noted
	6.5-7.5		
	9.0-10.0		
	11.5-12.5	592.9	
	14.0-15.0		Medium Dense Gr Sand A-1-a
	16.5-17.5		Sand & Gravel under hydrostatic pressure below 16'
	19.0-20.0	584.9	
	21.5-22.5		Stiff to Very Stiff Gr Clay A-6
	24.0-25.6	580.6	Cobble noted @ 23.7' - Sample badly disturbed
	26.5-27.5	577.9	Medium Dense Gr Sand A-1-a (LIME-STONE)
	29.0-30.0		Difficult drilling below 28'
	31.5-32.5	572.4	Extremely Dense Gr Sand A-1-a (LIME-STONE) (Probable weathered bedrock)
	34.0-35.0	570.9	Roller-bit thru LIMESTONE from 33.5' to 35' - very difficult drilling (Apparent) Dolomitic LIMESTONE bedrock

( ) = Estimate

EXISTING BORING-B-3

MIRZA ENGINEERING, INC. BORING LOG		CHICAGO, ILLINOIS	
JOB NO. 9179	CLIENT ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO. 3	DATE Dec. 17, 1993
PROJECT	FAI-55 OVER Mink Creek	STATION 2474+55	DATE Dec. 17, 1993
LOCATION	Will County, Illinois	OFFSET 50' LT	
BORING RIG & METHOD	Mobile B-57 w/Hollow Stem Auger	DRILLER Roscel	
GROUND WATER OBSERVATIONS	CORE SIZE	INSPECTOR Mauter	
13 FT. ELEV. 593 DURING DRILLING	CASING LENGTH 50 FT.		
Cased @ 14.4 FT. ELEV. 591.6 AFTER 4 HRS.	CASING DIAMETER 4 IN.		
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION AND REMARKS
	0.0-1.0	605.1	5" Bituminous Concrete
	1.5-2.5		6" Sand A-1-a
	4.0-5.0		FILL: Dark Br to Br & Gr Clay A-6; Organic matter noted
	6.5-7.5	599.8	
	9.0-10.0	597.3	
	11.5-12.5	595.5	Black Organic Clay A-7-5
	14.0-15.0	592.4	Loose Gr Loam A-4
	16.5-17.5		
	19.0-20.0		Loose to Medium Dense Sand A-1-a
	21.5-22.5	584.4	
	24.0-25.0	576.3	Medium Dense Gr Sand A-1-a (LIME-STONE); Clay lenses noted below 24'
	26.5-27.5		
	29.0-30.0		Very hard drilling below 30'
	31.5-32.5		Hard Gr Loam A-4; Occasional Cobbles & Limestone fragments noted
	34.0-35.0		
	36.5-37.5	567.2	
	38.5-38.8	562.2	(Apparent) Dolomitic LIMESTONE bedrock
			Augered thru apparent LIMESTONE bedrock from 38.8' to 39.8' (Very hard drilling)

\*Sample too sandy for valid Qu Test ( ) = Estimate

DESIGNED S.CHELBIAN  
CHECKED J.GRAINAWI  
DRAWN D.C.PATEL  
CHECKED J.GRAINAWI

Date: 6/30/2006

BORING LOGS II  
I-55 OVER MINK CREEK  
FAI ROUTE 55-SEC. 2006-032 BY  
WILL COUNTY  
STA. 630+07.11  
STRUCTURE NO. 099-4615 (NB)  
STRUCTURE NO. 099-4616 (SB)

