CONTRACT NO. 85427

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00174-00-BT	ROCK ISLAND	112	78
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SOIL BORINGS

LOG OF BORING NO. 4

Page 2 of 2

OWNER

ARCHITECT/ENGINEER: Missman, Stanley & Associates, P.C.

SITE: Rock Island, Illinois

PROJECT: Augustana College Bike Path

GRAPHIC LOG	DESCRIPTION	DEPTH (ft.)	USCS SYMBOL	SAMPLES NUMBER	TYPE	RECOVERY	SPT-N BLOWS / FT.	TESTS MOISTURE, %	DRY DENSITY PCF	UNCONFINED STRENGTH PSF
	Lean CLAY, with sand, trace gravel, very dark gray, very stiff -- color change to dark greenish gray @ about 34'	35	CL	8	SS	18"	21	19.1		
					HS					
		40	CL	9	SS	18"	25	11.8		
					HS					
	42.5 616.8 Elastic SILT, slickensided, very dark gray, very stiff	45	MH	10	SS	18"	19	30.4		
					HS					
	47.5 611.8 SILT, very dark gray, stiff	50	ML	11	SS	16"	13	25.4		
	50.0 609.3 Bottom of Boring									

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

Calibrated Hand Penetrometer*

WATER LEVEL OBSERVATIONS

WL	▽ 17'	WD	▼ 3' DCI 11/15/06
WL	16'	AD	
WL			

TEAM Services, Inc.

BORING STARTED	11-9-06		
BORING COMPLETED	11-9-06		
RIG	ATV	FOREMAN	DC
APPROVED	RED	JOB #	15-103

LOG OF BORING NO. 5

Page 1 of 2

OWNER

ARCHITECT/ENGINEER: Missman, Stanley & Associates, P.C.

SITE: Rock Island, Illinois

PROJECT: Augustana College Bike Path

GRAPHIC LOG	DESCRIPTION	DEPTH (ft.)	USCS SYMBOL	SAMPLES NUMBER	TYPE	RECOVERY	SPT-N BLOWS / FT.	TESTS MOISTURE, %	DRY DENSITY PCF	UNCONFINED STRENGTH PSF	
	Approx. Surface Elev.: 694.9 ft.										
	Fill -- SILT, trace sand and gravel, dark yellowish brown		ML	1	AS			24.5			
					HS						
	7.0 687.9 Fill -- sandy lean CLAY, trace gravel, organic matter, and concrete and brick debris, olive brown and very dark brown	5	ML	2	ST	13"		18.5	100	4500*	
					HS						
		10	CL	3	ST	12"		13.9	90	9000*	
					HS						
	12.5 682.4 Fill -- fine to medium SAND, with wood and brick debris, dark brown										
	16.0 678.9 SILT, trace sand and organic matter, yellowish brown, stiff	15	CL	4	SS	3"	5	14.2			
					HS						
		20	ML	5	SS	13"	8	14.2			
					HS						
	-- becomes very stiff @ about 24'	25	ML	6	ST	21"		17.2	98	6910 2500*	Confined @ 25 psi
					HS						
	-- color change to gray @ about 29'	30	ML	7	ST	20"		23.2	104	8240 2500*	Confined @ 30 psi
					HS						
	32.5										

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

Calibrated Hand Penetrometer*

WATER LEVEL OBSERVATIONS

WL	▽ None	WD	▼ 29' 11/15/06
WL	None	AD	
WL			

TEAM Services, Inc.

BORING STARTED	11-8-06		
BORING COMPLETED	11-8-06		
RIG	ATV	FOREMAN	DC
APPROVED	RED	JOB #	15-103

LOG OF BORING NO. 5

Page 2 of 2

OWNER

ARCHITECT/ENGINEER: Missman, Stanley & Associates, P.C.

SITE: Rock Island, Illinois

PROJECT: Augustana College Bike Path

GRAPHIC LOG	DESCRIPTION	DEPTH (ft.)	USCS SYMBOL	SAMPLES NUMBER	TYPE	RECOVERY	SPT-N BLOWS / FT.	TESTS MOISTURE, %	DRY DENSITY PCF	UNCONFINED STRENGTH PSF
	Lean CLAY, trace sand, dark olive gray, stiff	35	CL	8	ST	18"		22.1	104	2500*
					HS					
	-- color change to very dark grayish brown and dark yellowish brown @ about 39'	40	CL	9	ST	18"		22.0	104	2000*
					HS					
	42.5 652.4 Lean CLAY, with sand, trace gravel, dark gray, very stiff	45	CL	10	SS	18"	21	11.6		
					HS					
	-- becomes hard @ about 49'	50	CL	11	SS	18"	40	12.9		
					HS					
	-- color change to very dark gray @ about 54'	55	CL	12	SS	18"	38	17.6		
					HS					
	60.0 634.9 Bottom of Boring	60	CL	13	SS	18"	34	15.2		

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

Calibrated Hand Penetrometer*

WATER LEVEL OBSERVATIONS

WL	▽ None	WD	▼ 29' 11/15/06
WL	None	AD	
WL			

TEAM Services, Inc.

BORING STARTED	11-8-06		
BORING COMPLETED	11-8-06		
RIG	ATV	FOREMAN	DC
APPROVED	RED	JOB #	15-103

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS

SCALE: VERT. HORIZ.

DATE

CHECKED BY

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $VSCALE$
USER NAME = $USER$