CLIENT	JOB #	BORING #	SHEET
Burns & McDonnell	1205	B-1	1 OF 1

PROJECT NAME: Westmont Streets Improvement
ARCHITECT-ENGINEER:
SITE LOCATION: Blackhawk Dr. & Pasquinelli Dr., Westmont, IL

CALIBRATED PENETROMETER TONS/FT.² (1 2 3 4 5+)

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE REC. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL — ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)
					BOTTOM OF CASING ▽ — LOSS OF CIRCULATION (100%)		
					SURFACE ELEVATION 0		
0					9" Asphalt		
	1	SS	18	12	Clayey GRAVEL, With Sand, Dark Brown, Loose, Dry, (GC-FILL)		
	2	SS	24	24	Silty CLAY, Dark Brown and Dark Gray, Stiff, (CL)		
5	3	SS	24	24	Silty CLAY, Brown and Gray, Stiff to Very Stiff, (CL)		-5
					END OF BORING @ 6'		
10							-10
15							-15
20							-20
25							-25
30							

PLASTIC LIMIT % (X) — WATER CONTENT % (▽) — LIQUID LIMIT % (Δ)

ROCK QUALITY DESIGNATION & RECOVERY: RQD% — REC.% (20% 40% 60% 80% 100%)

STANDARD PENETRATION BLOWS/FT. (10 20 30 40 50+)

SAMPLE NO.	STANDARD PENETRATION BLOWS/FT.	WATER CONTENT %	UNCONFINED COMPRESSIVE STRENGTH (TSF)
1	7.5	24.7	
2	1.5	23.3	
3	20.6	2.5	

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES IN-SITU THE TRANSITION MAY BE GRADUAL

▽WL Dry	WS OR ⓒ	BORING STARTED 4/16/08	
▽WL(BCR) ▽WL(ACR) Dry		BORING COMPLETED 4/16/08	CAVE IN DEPTH @
▽WL		RIG CME-75 FOREMAN TDH	DRILLING METHOD HSA

08-13-08

CLIENT	JOB #	BORING #	SHEET
Burns & McDonnell	1205	B-2	1 OF 1

PROJECT NAME: Westmont Streets Improvement
ARCHITECT-ENGINEER:
SITE LOCATION: Blackhawk Dr. & Pasquinelli Dr., Westmont, IL

CALIBRATED PENETROMETER TONS/FT.² (1 2 3 4 5+)

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE REC. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL — ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)
					BOTTOM OF CASING ▽ — LOSS OF CIRCULATION (100%)		
					SURFACE ELEVATION 0		
0					9½" Asphalt		
	1	SS	12	12	2½" Clayey GRAVEL FILL		
	2	SS	24	12	Silty CLAY, Dark Gray to Brown and Gray, Very Stiff to Stiff, (CL)		
5	3	SS	24	24	Silty CLAY, Grey and Brown, Very Stiff, (CL)		-5
					END OF BORING @ 6'		
10							-10
15							-15
20							-20
25							-25
30							

PLASTIC LIMIT % (X) — WATER CONTENT % (▽) — LIQUID LIMIT % (Δ)

ROCK QUALITY DESIGNATION & RECOVERY: RQD% — REC.% (20% 40% 60% 80% 100%)

STANDARD PENETRATION BLOWS/FT. (10 20 30 40 50+)

SAMPLE NO.	STANDARD PENETRATION BLOWS/FT.	WATER CONTENT %	UNCONFINED COMPRESSIVE STRENGTH (TSF)
3	1.5	26.6	
	21.1	2.6	

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES IN-SITU THE TRANSITION MAY BE GRADUAL

▽WL Dry	WS OR ⓒ	BORING STARTED 4/16/08	
▽WL(BCR) ▽WL(ACR) Dry		BORING COMPLETED 4/16/08	CAVE IN DEPTH @
▽WL		RIG CME-75 FOREMAN TDH	DRILLING METHOD HSA

08-13-08

CLIENT	JOB #	BORING #	SHEET
Burns & McDonnell	1205	B-3	1 OF 1

PROJECT NAME: Westmont Streets Improvement
ARCHITECT-ENGINEER:
SITE LOCATION: Blackhawk Dr. & Pasquinelli Dr., Westmont, IL

CALIBRATED PENETROMETER TONS/FT.² (1 2 3 4 5+)

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE REC. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL — ENGLISH UNITS	WATER LEVELS	ELEVATION (FT)
					BOTTOM OF CASING ▽ — LOSS OF CIRCULATION (100%)		
					SURFACE ELEVATION 0		
0					6½" Asphalt		
	1	SS	12	12	3" Clayey GRAVEL FILL		
	2	SS	24	24	TOPSOIL, Trace Sand, Black, Stiff, (OL)		
5	3	SS	24	20	Silty CLAY, Brown and Gray, Very Stiff, (CL)		-5
					END OF BORING @ 6'		
10							-10
15							-15
20							-20
25							-25
30							

PLASTIC LIMIT % (X) — WATER CONTENT % (▽) — LIQUID LIMIT % (Δ)

ROCK QUALITY DESIGNATION & RECOVERY: RQD% — REC.% (20% 40% 60% 80% 100%)

STANDARD PENETRATION BLOWS/FT. (10 20 30 40 50+)

SAMPLE NO.	STANDARD PENETRATION BLOWS/FT.	WATER CONTENT %	UNCONFINED COMPRESSIVE STRENGTH (TSF)
9	27.3	3.25	
11	21.5	4.0	
9	22.9		
	1.75		

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES IN-SITU THE TRANSITION MAY BE GRADUAL

▽WL Dry	WS OR ⓒ	BORING STARTED 4/16/08	
▽WL(BCR) ▽WL(ACR) Dry		BORING COMPLETED 4/16/08	CAVE IN DEPTH @
▽WL		RIG CME-75 FOREMAN TDH	DRILLING METHOD HSA

08-13-08

Burns & McDonnell
1431 OPUS PLACE, STE. 400
DOWNERS GROVE, IL 60515
PHONE: (630) 724-3200
FAX: (630) 724-3201
WEB: WWW.BURNSMCD.COM

USER NAME = #USER#	DESIGNED - ECS	REVISED -	
FILE NAME = #FILL#	DRAWN - ECS	REVISED -	
PLOT SCALE = #SCALE#	CHECKED ECS	REVISED -	
PLOT DATE = #DATE#	DATE - 03/28/11	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PASQUINELLI DRIVE RECONSTRUCTION
SOIL BORINGS

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3002	00-00083-00-PV	DUPAGE	73	40
		CONTRACT NO. 63579		
		ILLINOIS FED. AID PROJECT		