PROJECT **Lindgren Road Realignment, Sycamore, Illinois**

CLIENT **Wills Burke Kelsey Associates, Ltd., St. Charles, Illinois**

BORING **107** DATE STARTED **6-12-09** DATE COMPLETED **6-12-09** JOB **L-73,522**

ELEVATIONS
GROUND SURFACE **864.7**
END OF BORING **854.7**

WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING **Dry**
▽ AT END OF BORING **5.0 '**
▼ 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.7	864.0	Crushed Stone (A-1-b)
	1	SS	6	28.7	1.25*	96	2.0	862.7	FILL - Brown and dark brown SILTY CLAY, trace organic, very moist (A-7-6)
	2	SS	4	27.7	1.0*		3.5	861.2	Stiff to tough brown and gray SILTY CLAY, trace organic, very moist (A-7-6)
	3	SS	7	17.7	2.00 2.5*		6.0	858.7	▽ Very tough brown and orange-brown SILTY CLAY, trace organic, very moist (A-7-6)
	4	SS	9	19.4			8.5	856.2	Loose pinkish-brown and gray SILT and SILTY LOAM layers, occasional sand seams, very moist (A-4)
	5	SS	9						Loose brown SANDY LOAM (silty medium to fine SAND), trace gravel, wet (A-4)

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

Sta. 296+00, 12'R, Plank Road

DRILL RIG NO. **334**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

End of Boring at 10.0'

DISTANCE BELOW SURFACE IN FEET

TSC_EOB 73522.GPJ TSC_ALL.GDT 7/15/09

PROJECT **Lindgren Road Realignment, Sycamore, Illinois**

CLIENT **Wills Burke Kelsey Associates, Ltd., St. Charles, Illinois**

BORING **108** DATE STARTED **6-12-09** DATE COMPLETED **6-12-09** JOB **L-73,522**

ELEVATIONS
GROUND SURFACE **862.3**
END OF BORING **852.3**

WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING **Dry**
▽ AT END OF BORING **5.0 '**
▼ 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
	1	SS	6	22.5	1.25*	105	1.1	861.2	Crushed Stone (A-1-b)
	A 2 B	SS	4	33.1 29.4	0.5* 0.75*		2.5	859.8	FILL - Dark brown to black SILTY CLAY, trace gravel and organic, very moist (A-7-6)
	3	SS	6	21.8	1.0*		3.5	858.8	Stiff brown and gray SILTY CLAY, trace organic, very moist (A-7-6)
	4	SS	8	14.5	2.5*		6.0	856.3	▽ Stiff to tough brown and orange-brown SILTY CLAY, trace organic, occasional sand seams, very moist (A-7-6)
	5	SS	10	14.3	2.5*				Very tough pinkish-brown SILTY LOAM, trace gravel, occasional sand seams, moist (A-6)

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

Sta. 299+10, 25'R, Plank Road

DRILL RIG NO. **334**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

End of Boring at 10.0'

DISTANCE BELOW SURFACE IN FEET

TSC_EOB 73522.GPJ TSC_ALL.GDT 7/15/09

PROJECT **Lindgren Road Realignment, Sycamore, Illinois**

CLIENT **Wills Burke Kelsey Associates, Ltd., St. Charles, Illinois**

BORING **109** DATE STARTED **6-12-09** DATE COMPLETED **6-12-09** JOB **L-73,522**

ELEVATIONS
GROUND SURFACE **864.0**
END OF BORING **854.0**

WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING **5.5 '**
▽ AT END OF BORING **4.0 '**
▼ 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.5	863.5	Black SILTY CLAY (clayey TOPSOIL) (A-7-6)
	1	SS	5	31.3	1.25*		2.0	862.0	Tough brown silty CLAY, trace organic, very moist (A-7-6)
	2	SS	4	29.4	0.75*				Stiff brown and gray SILTY CLAY, trace organic, moist (A-7-6)
	A 3 B	SS	8	22.8 15.5	1.0*		4.0	860.0	▽ Loose brown SANDY LOAM, little gravel, occasional clay seams, very moist to wet (A-4)
	A 4 B	SS	14	12.7 13.4	3.0* 2.5*		6.0	858.0	▼ Very tough pinkish-brown SILTY LOAM, trace gravel, occasional sand seams, moist (A-6)
	5	SS	13	12.2	2.75*		7.0	857.0	Very tough pinkish-gray SILTY LOAM, trace gravel, occasional sand seams, moist (A-6)

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

Sta. 302+00, 23'L, Plank Road

DRILL RIG NO. **334**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

End of Boring at 10.0'

DISTANCE BELOW SURFACE IN FEET

TSC_EOB 73522.GPJ TSC_ALL.GDT 7/15/09

FILE NAME = P:\CBBEL WEST Projects\2009\09-00440 Lindgren Rd\Civil\Dgn\Sht\SOILBORE_02.dgn

WILLS BURKE KELSEY ASSOCIATES LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

USER NAME = $USER$	DESIGNED - KMA	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = NONE	CHECKED - SBP	REVISED -	
PLOT DATE = 10/26/2009	DATE - 10/1/09	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

SCALE: NONE | SHEET NO. 35 OF 54 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	35
		CONTRACT NO.87406		
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		