

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**Wang Engineering, Inc.**  
Consulting Geotechnical and Environmental Engineers  
wangeng@wangeng.com  
1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
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**BORING LOG NW-5**  
WEI Job No.: 950-04-02  
Client: Christian-Roge and Associates, Inc.  
Project: IL Rte. 56 (FAP 365) Butterfield Road  
Location: DuPage County, Illinois

Datum: NGVD  
Elevation: 711.00 ft  
North: 1877264.87 ft  
East: 1021571.14 ft  
Station: 141+75  
Offset: 125 L

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**BORING LOG NW-6**  
WEI Job No.: 950-04-02  
Client: Christian-Roge and Associates, Inc.  
Project: IL Rte. 56 (FAP 365) Butterfield Road  
Location: DuPage County, Illinois

Datum: NGVD  
Elevation: 711.00 ft  
North: 1877242.12 ft  
East: 1021671.10 ft  
Station: 142+76  
Offset: 105 L

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. rework	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. rework	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
709.3	21-inch thick, black CLAY LOAM, trace organic material --TOPSOIL--		1		3.50	27			Boring terminated at 25.00 ft						
	Hard, brown and gray SILTY CLAY		2		4.84	15									
			3		4.51	16									
			4		4.84	18									
699.8	Medium dense, brown, medium SAND		5		NP	11									
698.0	Medium stiff to very stiff, gray, SILTY CLAY LOAM with gravel		6		0.98	12									
695.5	Stiff to very stiff, gray, SILTY CLAY LOAM with gravel		7		2.30	11									
			8		1.64	19									
690.5	Medium dense, gray, coarse SAND, wet		9		NP	23									
687.0	Very stiff, gray, gravelly SILTY CLAY LOAM		10		3.00	7									

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. rework	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. rework	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
710.0	12-inch thick, black CLAY LOAM, trace organic material --TOPSOIL--		1		2.50	24									
708.8	Very stiff, dark brown CLAY LOAM		2		NP	27									
	Loose, brown SILTY LOAM, moist		3		NP	31									
705.5	Loose, brown, medium SAND		4		2.38	17									
704.3	Very stiff, brown SILTY CLAY		5		2.05	18									
700.5	Very stiff to hard, gray SILTY CLAY		6		4.02	18									
			7		2.95	19									
			8		2.21	18									
691.0	Boring terminated at 20.00 ft														

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling	01-09-2003	Complete Drilling	01-09-2003
Drilling Contractor	PATRICK	Drill Rig	CME 75 ATV
Driller	T&L	Logger	S. Janowski
Checked by	E. Datz	Time After Drilling	NA
Drilling Method	3.25 ID HSA: Boring Backfilled With Bentonite Chips	Depth to Water	NA
Upon Completion		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

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Driller	T&L	Logger	S. Janowski
Checked by	E. Datz	Time After Drilling	NA
Drilling Method	3.25 ID HSA: Boring Backfilled With Bentonite Chips	Depth to Water	NA
Upon Completion		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

DESIGNED	200
CHECKED	
DRAWN	
CHECKED	
EXAMINED	ENGINEER OF BRIDGE DESIGN
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

**SOIL BORING LOGS-III**  
**IL. ROUTE 56**  
**CONCRETE NOISE ABATEMENT WALL**  
**F.A.P. RTE. 365**  
**SECTION (58&59) WRS-3**  
**DuPAGE COUNTY**  
**STA. 137+20 TO STA. 145+00**  
**STRUCTURE NO. 022-W041**

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

SHEET NO. RW-4	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RW-5 SHEETS	365	(58&59) WRS-3	DuPAGE	466	264
CONTRACT NO. 62420					
ILLINOIS FED. AID PROJECT					