

PROJECT **County Highway 8 over RR/Canal Bridge, 1400 North Avenue, Wyanet, IL**
 CLIENT **Willett, Hofmann and Associates, Inc., Dixon, Illinois**
 BORING **5** DATE STARTED **4-28-09** DATE COMPLETED **4-28-09** JOB **L-73,147**



ELEVATIONS
 GROUND SURFACE **587.7**
 END OF BORING **542.7**

WATER LEVEL OBSERVATIONS
 WHILE DRILLING **5.5'**
 AT END OF BORING **Wash Boring**
 24 HOURS

LENGTH RECOVERY	SAMPLE NO. TYPE	N	WC	Qu	Y DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
	14 SS	17	10.8	2.75*				Very tough pinkish-gray very silty CLAY, trace to little sand, trace gravel, occasional Cobbles and Boulders, moist (CL) Sample 15: No recovery presumably due to Cobble or Boulder.
	15 SS	28						* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DRILL RIG NO. **334** End of Boring at 45.0' Page 2 of 2

PROJECT **Slope Stability & Settlement Analysis, Co. Hwy. 8 over RR/Canal Bridge, Wyanet, IL**
 CLIENT **Willett, Hofmann and Associates, Dixon, Illinois**
 BORING **6** DATE STARTED **9-3-09** DATE COMPLETED **9-3-09** JOB **L-73,797**



ELEVATIONS
 GROUND SURFACE **622.2**
 END OF BORING **567.2**

WATER LEVEL OBSERVATIONS
 WHILE DRILLING **Dry to 10'**
 AT END OF BORING **N/A - Wash Boring**
 24 HOURS

LENGTH RECOVERY	SAMPLE NO. TYPE	N	WC	Qu	Y DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
	1 SS	8	17.8	2.0*		108	621.9	Bituminous Concrete
	2 SS	7	13.3	1.5*		120	619.2	FILL - Sand and Gravel FILL - Brown and light brown silty CLAY, trace to little sand, trace gravel and organic, occasional silt and sand seams, moist (CL)
	3 SS	6	15.1	1.5*		120	619.2	FILL - Light brown, light gray and light orange-brown silty CLAY, trace to little sand, trace gravel and organic, occasional sand seams, moist (CL)
	4 SS	6	15.1	1.5*		117	614.2	FILL - Gray, dark brown and pinkish-brown very silty CLAY, little to some sand, trace gravel and organic, occasional sand seams, moist to very moist (CL)
	5 SS	11	17.1	1.25*		115	609.2	FILL - Light brown and light gray clayey SILT, trace to little fine sand, moist (ML)
	6 SS	11	16.7			109	606.7	FILL - Brown and gray very silty CLAY, little to some sand, trace gravel and organic, occasional silt and sand seams, moist (CL)
	7 SS	11	13.9	1.75*		115	604.2	FILL - Light gray very silty CLAY, trace to little sand, moist (CL)
	8 SS	10	14.0	4.0*		119	601.7	FILL - Light gray very silty CLAY, trace to little sand, moist (CL)
	9 SS	16	12.1	1.25*				FILL - Gray and light brown very silty CLAY, little to some medium to fine sand, occasional sand seams, moist (CL)
	10 SS	16	15.0	1.5*				FILL - Light gray and light brown clayey SILT, trace to little fine sand, occasional clay and sand seams, moist (ML)
	11 SS	11	23.2					
	12 SS	6	24.2					
	13 SS	8	17.0	1.5*			568.7	

DRILL RIG NO. **334** End of Boring at 55.0' Page 1 of 2

PROJECT **Slope Stability & Settlement Analysis, Co. Hwy. 8 over RR/Canal Bridge, Wyanet, IL**
 CLIENT **Willett, Hofmann and Associates, Dixon, Illinois**
 BORING **6** DATE STARTED **9-3-09** DATE COMPLETED **9-3-09** JOB **L-73,797**



ELEVATIONS
 GROUND SURFACE **622.2**
 END OF BORING **567.2**

WATER LEVEL OBSERVATIONS
 WHILE DRILLING **Dry to 10'**
 AT END OF BORING **N/A - Wash Boring**
 24 HOURS

LENGTH RECOVERY	SAMPLE NO. TYPE	N	WC	Qu	Y DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS	
	14 SS	6	19.6	0.5*			38.0	684.2	Tough gray very silty CLAY, trace to little medium to fine sand, trace gravel, moist (CL) [Possible Fill]
	15 SS	23	13.4	4.28	4.5*		43.0	679.2	Soft dark gray to black very silty CLAY, trace to little sand, trace gravel, occasional silt and sand seams, very moist (CL)
	16 SS	47	10.6	4.5**					Hard pinkish-gray silty CLAY and very silty CLAY layers, little to some sand, trace gravel, moist (CL/CL-ML)
	17 SS	30	11.7	4.5*					* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DRILL RIG NO. **334** End of Boring at 55.0' Page 2 of 2

BORING LOGS
C.H. 8 OVER POND CREEK
STATION 32+61.61
S.N. 006-5031
 WHA #1066D05

STRUCTURAL SHEET NO. 5A OF 6A SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	188	05-00195-00-BR	BUREAU	127	65
	CONTRACT NO. 87380				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT BRS-0188(118)					

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