

PROJECT **County Highway 8 over RR/Canal Bridge, 1400 North Avenue, Wyanet, IL**  
 CLIENT **Willett, Hofmann and Associates, Inc., Dixon, Illinois**



BORING **4** DATE STARTED **4-29-09** DATE COMPLETED **4-29-09** JOB **L-73,147**

ELEVATIONS WATER LEVEL OBSERVATIONS  
 GROUND SURFACE **582.6** WHILE DRILLING **0.5'**  
 END OF BORING **537.6** 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	4				3.5	579.1	Loose dark brown silty SAND, some gravel, trace clay, occasional clay seams, wet (SM)
	2	SS	1				6.0	576.0	Very loose dark gray silty medium to fine SAND, trace gravel, wet (SM)
	3	SS	25	10.7	4.5*		11.0	571.8	Hard pinkish-gray very silty CLAY, little to some sand, trace gravel, moist (CL)
	4	SS	23	10.8	4.5*		13.5	569.1	Dense light gray medium to fine SAND, occasional silt seams (SP)
	5	SS	34				18.0	564.6	Firm to dense light gray medium to fine SAND, trace gravel and silt (SP)
	6	SS	28				21.0	561.6	Very tough to hard pinkish-gray very silty CLAY, trace to little sand, trace gravel, occasional sand seams, moist (CL)
	7	SS	35				22.0	560.6	Firm light gray medium to fine SAND, trace gravel (SP)
	8	SS	34	12.9	3.0-4.0*		25.0	554.6	Very tough to hard pinkish-gray and gray silty CLAY and very silty CLAY layers, little to some sand, trace gravel, moist (CL/CL-ML)
	9	SS	19	11.4	3.5-4.25*		28.0	544.6	Tough pinkish-gray very silty CLAY, trace to little sand, trace gravel, very moist (CL-ML)
	10	SS	20	12.7	3.50-2.25-3.1*				
	11	SS	14	11.9	2.0*				
	12	SS	12	13.3	1.12-1.0-1.25*				
	13	SS	13	13.0	1.25*				

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 45.0' Page 1 of 2

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ELEVATIONS WATER LEVEL OBSERVATIONS  
 GROUND SURFACE **582.6** WHILE DRILLING **0.5'**  
 END OF BORING **537.6** 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	23	15.0	0.75*		38.0	544.6	Tough pinkish-gray very silty CLAY, trace to little sand, trace gravel, very moist (CL-ML)
	15	SS	17	18.2	0.75*				Stiff light gray and pinkish-gray very silty CLAY, trace to little sand, trace gravel, occasional Cobbles, very moist (CL) Samples 14 and 15: Poor recovery presumably due to Cobbles.
									* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

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 45.0' Page 2 of 2

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BORING **5** DATE STARTED **4-28-09** DATE COMPLETED **4-28-09** JOB **L-73,147**

ELEVATIONS WATER LEVEL OBSERVATIONS  
 GROUND SURFACE **587.7** WHILE DRILLING **5.5'**  
 END OF BORING **542.7** AT END OF BORING **Wash Boring**  
 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Qu	Y DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
	1	SS	3	17.0	2.0*		3.5	584.2	FILL - Brown very silty CLAY, trace to little sand, moist (CL)
	2	SS	4	25.4			6.0	581.7	Loose light gray and gray silty fine SAND, moist to wet (SM)
	3	SS	7				8.5	579.2	Loose black silty fine SAND, wet (SM)
	4	SS	16	11.8	3.11-3.6*		20.5	567.2	Very tough to hard pinkish-gray silty CLAY and very silty CLAY layers, little to some sand, trace gravel, occasional sand seams, moist (CL-ML)
	5	SS	15	11.9	3.5*		25.5	562.2	Tough gray very silty CLAY, trace sand and gravel, occasional Cobbles and Boulders, moist (CL)
	6	SS	18	10.6	4.5-*				Sample 10: Poor recovery presumably due to a Cobble or Boulder.
	7	SS	20	12.1	2.5*				
	8	SS	19	10.7	2.48-3.25*				
	9	SS	17	12.5	1.75*				
	10	SS	17	15.5					
	11	SS	19	12.4	2.25*				
	12	SS	13	12.1	2.0*				Very tough pinkish-gray very silty CLAY, trace to little sand, trace gravel, occasional Cobbles and Boulders, moist (CL)
	13	SS	12	12.9	2.0*				Sample 15: No recovery presumably due to Cobble or Boulder.

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

STRUCTURAL SHEET NO. 4A OF 6A SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	188	05-00195-00-BR	BUREAU	127	64
CONTRACT NO. 87380					
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT BRS-0188(118)					

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