

FAS ROUTE NO	SEC	COUNTY	TOTAL SHEETS	SHEET NO
188	*	LEE	22	20
ILLINOIS PROJECT BRS-188(121)				
* 08-00303-00-BR				

SCALE: 1" = 4'

NO.	DATE	REVISIONS

**BORING LOG**  
 Sheet 4 of 4  
 Client: Wendler Engineering Services, Inc.  
 Project Name: Sec 08-00303-00-BR Indian Head Road  
 Project Site: Lee County, Illinois  
 Boring No. B-1  
 Surface Elev. 99.10  
 Auger Depth 76' Rotary Depth NA  
 Start Date 03/10/12 Finish Date 03/10/12

Location: 18' West of centerline of road and 95' South of center of bridge

DEPTH ELEV.	DESCRIPTION OF MATERIALS	Graphic Log	Depth in Feet	SAMPLES					DRILLED BY	REMARKS
				Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Moisture (%)		
36.10										
35.10			64							
34.10			65	21	SS	---	23	---	---	
33.10			66							
32.10			67							
31.10			68							
30.10	Medium Gray Fine To Coarse Sand With Occasional Fine Gravel		69							
29.10			70							
28.10			71	22	SS	---	21	---	---	
27.10			72							
26.10			73							
25.10			74							
24.10			75							
23.10			76	23	SS	---	25	---	---	
22.10			77							
21.10			78							
20.10			79							
19.10			80							
18.10			81							
17.10			82							
16.10			83							

Groundwater Data: Static water level - Elevation 85.5.  
 Comments: Assumed center of existing bridge deck elevation 100.0.

**BORING LOG**  
 Sheet 1 of 4  
 Client: Wendler Engineering Services, Inc.  
 Project Name: Sec 08-00303-00-BR Indian Head Road  
 Project Site: Lee County, Illinois  
 Boring No. B-2  
 Surface Elev. 99.50  
 Auger Depth 76' Rotary Depth NA  
 Start Date 03/10/12 Finish Date 03/10/12

Location: 19' East of centerline of road and 96' North of center of bridge

DEPTH ELEV.	DESCRIPTION OF MATERIALS	Graphic Log	Depth in Feet	SAMPLES					DRILLED BY	REMARKS
				Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Moisture (%)		
99.50										
98.50			1							
97.50			2							
96.50			3	1	SS	1.6	8	B	20	
95.50			4							
94.50	Stiff Brown Sandy Clay (FIR)		5	2	SS	1.1	6	B	24	
93.50			6							
92.50			7							
91.50			8	3	SS	1.0	5	B	24	
90.50			9							
89.50			10							
88.50			11	4	SS	1.2	6	B	22	
87.50			12							
86.50	Medium To Stiff Gray Clay With Sand Seams		13	5	SS	0.8	5	B	26	
85.50			14							
84.50			15							
83.50			16	6	SS	1.0	6	B	23	
82.50			17							
81.50	Loose Gray Fine Sand With Clay Seams		18	7	SS	---	9	---	---	
80.50			19							
79.50			20	8	SS	---	8	---	---	

Groundwater Data: Static water level - Elevation 85.5.  
 Comments: Assumed center of existing bridge deck elevation 100.0.

**BORING LOG**  
 Sheet 2 of 4  
 Client: Wendler Engineering Services, Inc.  
 Project Name: Sec 08-00303-00-BR Indian Head Road  
 Project Site: Lee County, Illinois  
 Boring No. B-2  
 Surface Elev. 99.50  
 Auger Depth 76' Rotary Depth NA  
 Start Date 03/10/12 Finish Date 03/10/12

Location: 19' East of centerline of road and 96' North of center of bridge

DEPTH ELEV.	DESCRIPTION OF MATERIALS	Graphic Log	Depth in Feet	SAMPLES					DRILLED BY	REMARKS
				Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Moisture (%)		
78.50										
77.50			22							
76.50			23	9	SS	---	16	---	---	
75.50			24							
74.50			25							
73.50			26	10	SS	---	18	---	---	
72.50			27							
71.50	Medium Gray Fine Sand With Clay Seams		28	11	SS	---	18	---	---	
70.50			29							
69.50			30							
68.50			31	12	SS	---	19	---	---	
67.50			32							
66.50			33	13	SS	---	15	---	---	
65.50			34							
64.50			35	14	SS	---	18	---	---	
63.50			36							
62.50			37							
61.50	Medium Gray Fine To Coarse Sand		38	15	SS	---	18	---	---	
60.50			39							
59.50			40							
58.50			41	16	SS	---	21	---	---	

Groundwater Data: Static water level - Elevation 85.5.  
 Comments: Assumed center of existing bridge deck elevation 100.0.

**wendler**  
 wendler engineering services, inc.  
 GEOTECHNICAL ENGINEERING  
 www.wendlereng.com  
 Lee County, Illinois 62424

SOIL BORINGS OF INDIAN HEAD ROAD BRIDGE REPLACEMENT FOR LEE COUNTY HIGHWAY DEPARTMENT

SHEET TITLE
SOIL BORINGS
JOB NUMBER
2080334
DATE
12/13/2012
SHEET NO.
20 of 22

SOIL BORINGS  
 SECTION 08-00303-00-BR  
 F.A.S. 188 (INDIAN HEAD RD.)  
 LEE COUNTY  
 S.N. 052-3413