

HOLCOMB FOUNDATION ENGINEERING INC.  
P.O. Box 88 618-529-5262  
Carbondale, IL 62903 618-457-8991 fax Page 1 of 2

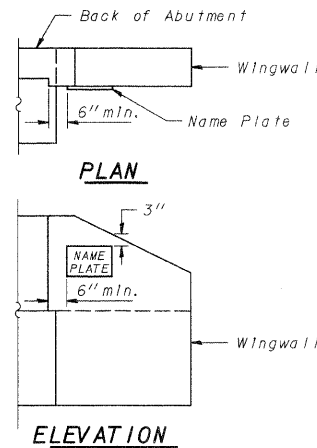
Bridge Foundation Boring Log

Project: H-09050 Bridge over Lingle Creek Date: 03-02-09  
Section: 08-0190-00-BR Station Bored by: D. Russell  
Structure: Checked By: J. Holcomb  
County: Union

Boring No. 1  
Station: \_\_\_\_\_  
Offset: \_\_\_\_\_

Elevation	Z	N	Q <sub>u</sub>	S <sub>f</sub>	W	P	Surface Water Elev.	
							During Drilling	Upon Completion
99.5	0							
99.2	0							99.5
75.5	4	19						93.5
73.0	3	19						
70.5	5	0.78	30					
65.5	4	29						
60.5	5	5	33					
55.5	3							

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"  
Q<sub>u</sub> = Unconfined Compressive Strength in tons/sq.ft.  
S<sub>f</sub> = Shear Failure  
W = Water Content - percentage of oven dry weight-%  
P = Penetrometer



LOCATION OF NAME PLATE

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County: Union

Boring No. 2  
Station: \_\_\_\_\_  
Offset: \_\_\_\_\_

Elevation	Z	N	Q <sub>u</sub>	S <sub>f</sub>	W	P	Surface Water Elev.	
							During Drilling	Upon Completion
99.2	0							
98.9	0							90.2
75.2	2	0.38	31					96.2
72.7	0	0.28	33					
70.2	3	0.45	24					
65.2	4	19						
60.2	3	1.08	30					
55.2	6	1.08	29					
50.2	14	2.48	19					

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"  
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S<sub>f</sub> = Shear Failure  
W = Water Content - percentage of oven dry weight-%  
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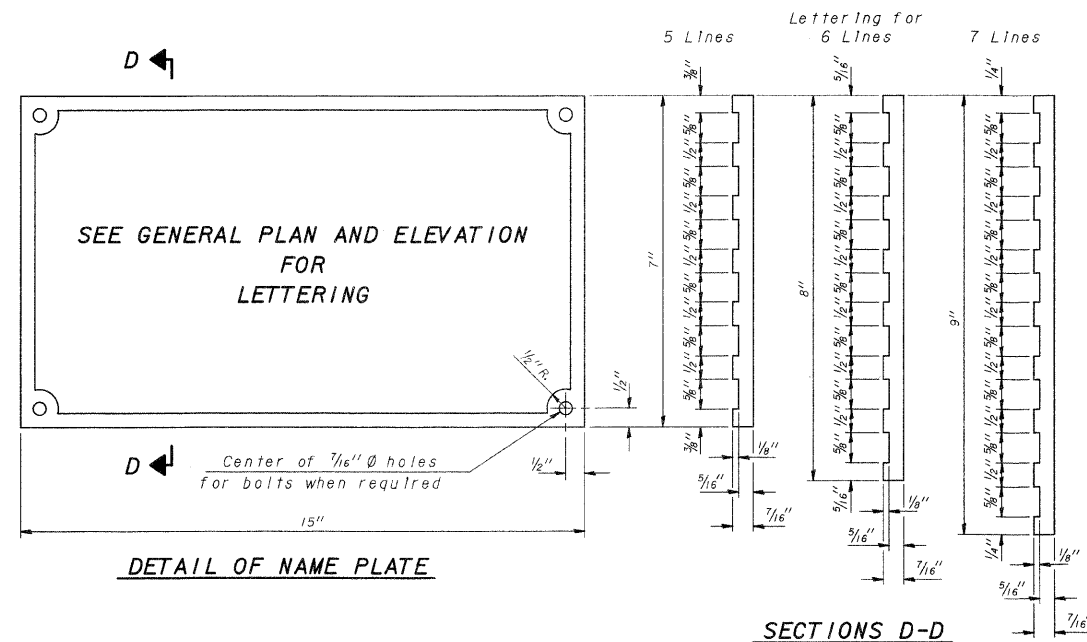
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Structure: Checked By: J. Holcomb  
County: Union

Boring No. 1  
Station: \_\_\_\_\_  
Offset: \_\_\_\_\_

Elevation	Z	N	Q <sub>u</sub>	S <sub>f</sub>	W	P	Surface Water Elev.	
							During Drilling	Upon Completion
45	100							
50.5	100							
45.5	83	1.8						
41.0	100							
40.5	71							

clayey sand with gravel (A-2-4) (continued)  
Brown Mottled Gray Weathered SANDSTONE with limestone fragments  
Gray Weathered SANDSTONE  
Gray LIMESTONE  
Auger Refusal End of Boring @ -59.0'

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"  
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S<sub>f</sub> = Shear Failure  
W = Water Content - percentage of oven dry weight-%  
P = Penetrometer



Material: Best quality brass or bronze.  
Border & Lettering: Raised 1/8 Inch. Square cut and not tapered. Top surface polished.  
Fastenings: Four lugs at least three inches long, cast on back of plate.

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Structure: Checked By: J. Holcomb  
County: Union

Boring No. 2  
Station: \_\_\_\_\_  
Offset: \_\_\_\_\_

Elevation	Z	N	Q <sub>u</sub>	S <sub>f</sub>	W	P	Surface Water Elev.	
							During Drilling	Upon Completion
45	100							
50.2	100							
45.2	83	1.25	27					
40.2	81	1.1	10					
35.2	121	0.45	13					

sandy clay (continued)  
Gray-Brown Weathered SANDSTONE  
Brown Mottled Gray Fine to Medium SAND (A-2-4) with clay  
Brown-Gray Sandy CLAY (A-6) with gravel  
Gray LIMESTONE  
Auger Refusal End of Boring @ -80.5'

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"  
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S<sub>f</sub> = Shear Failure  
W = Water Content - percentage of oven dry weight-%  
P = Penetrometer