STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-1HBR -1	HENRY	133	79
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 16
18 SHEETS

Contract #64602

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
District 2 Materials

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Date 7/1/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-1HBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-1
Station 50+00
Offset 26.00ft Rt
Ground Surface Elev. 605.79 ft

Surface Water Elev. None ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion Wash ft
After ___ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Very Soft light brown, black Clay Loam				0.3 P	22
Stiff black, rusty brown Clay Loam w/Sand lenses			4 6 7	1.4 S	22
Stiff gray, rusty brown, black Clay Loam		-5	2 3 7	1.2 B	43
Soft light brown, black Clay Loam w/Sand lenses			7 4 8	0.3 B	39
Medium fine Sand	596.29	-10	6 6 6		
Medium fine Sand			2 6 4		
Stiff rusty brown Sand w/Clay Loam lenses	591.29	-15	4 6 7	1.0 P	39
Medium light gray, gray Clay Loam			3 4 7	0.7 B	39
		-20			
Very Soft gray Clay Loam w/Sand lenses				0.2 B	52
Stiff rusty brown tan gray Clay Loam			6 6 7	1.3 P	47
First Encounter Medium fine Sand	581.29	-25	7 6 9		
Medium fine Sand			3 5 7		
Medium fine Sand		-30	3 4 7		
Wash Medium fine Sand			3 5 7		
Medium fine Sand		-35	8 9 17		
Dense fine Sand			8 18 17		
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
District 2 Materials

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Date 7/1/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-1HBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-1
Station 50+00
Offset 26.00ft Rt
Ground Surface Elev. 605.79 ft

Surface Water Elev. None ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion Wash ft
After ___ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Very Dense clean medium coarse Sand		-45	26 24 38		
Very Dense fine Sand & dirty Gravel		-50	29 23 20		
Shale with clean Sand & Gravel lenses	551.79	-55	100 for 10"		
End of Boring		-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
District 2 Materials

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Date 7/1/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-1HBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-2
Station 50+59
Offset 22.00ft Rt
Ground Surface Elev. 607.79 ft

Surface Water Elev. None ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion Wash ft
After ___ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Bituminous Surface					
Stiff black Silty Loam				1.5 P	18
Stiff dark brown black Clay Loam w/Sand lenses			8 9 11	1.3 S	24
Soft rusty brown, light brown Clay Loam		-5	4 2 4	0.5 B	35
Medium rusty brown, light brown Clay Loam w/Sand lenses			2 2 5	0.8 B	46
Medium fine Sand	598.29	-10	4 6 7		
Medium fine Sand			5 6 5		
Medium fine Sand		-15	11 11 11		
Stiff gray Clay Loam	590.79		3 3 5	1.1 B	41
		-20			
Medium same as above			3 3 4	0.8 B	47
Stiff brown, rusty brown, light brown Clay Loam w/Sand lenses			3 4 8	0.8 S	54
Medium fine Sand	583.29	-25	6 9 11		
First Encountered Medium fine Sand			6 5 11		
Medium fine Sand		-30	4 5 7		
Dense fine Sand			7 14 19		
Wash Dense clean sand & Gravel w/ chert		-35	11 18 17		
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

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Division of Highways
District 2 Materials

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Date 7/1/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-1HBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-2
Station 50+59
Offset 22.00ft Rt
Ground Surface Elev. 607.79 ft

Surface Water Elev. None ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion Wash ft
After ___ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Hard fine Sand & Gravel	563.79		100 for 11"	2 P	
End of Boring		-45			
		-50			
		-55			
		-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

SOIL BORING DETAILS
F.A.I. RT. 80 SEC. 37-1HBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

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