STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SHEET NO. 17
18 SHEETS

Contract #64602

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
District 2 Materials

Page 1 of 2

Date 7/14/94

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-3
Station 49+40
Offset 22.50ft Lt
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 Shoulder					
Soft black Silty Loam				0.5 P	21
Stiff gray Sandy Loam			2 4 5	1.7 S	22
Medium gray mottled rust Silty Loam		-5-	3 3 3	0.8 B	31
Medium rusty Clay Loam	599.29		3 2 5	0.8 B	49
Medium tan fine Sand		-10-	6 6 11		
Medium same as above			6 6 6		
Medium same as above	590.79	-15-	6 6 5		
Stiff brown Clay Loam w/Sand lenses			3 3 5	1.1 P	49
		-20-			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium gray Silt w/Sand lens	586.79		3 3 3	1.6 B	50
First Encounter Medium gray fine Sand			3 7 4		
Medium tan fine Sand		-25-	3 5 6		
Medium tan fine Sand			1 9 14		
Medium brown fine Sand		-30-	2 4 12		
Wash No recovery Evidence of Medium fine Sand			5 6 13		
		-35-			
No recovery Presumably Dense fine Sand			10 13 19		
		-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 7/14/94

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-3
Station 49+40
Offset 22.50ft Lt
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 (%)
Dense Sand & Gravel			38 32 15		
		-45-			
Very Dense Sand & Gravel	568.79		33 31 40		
End of Boring		-50-			
		-55-			
		-60-			

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Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
District 2 Materials

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Date 7/18/94

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-4
Station 48+72
Offset 11.00ft Rt
Ground Surface Elev. 627.89 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 Very Soft black, brown Clay Loam w/Sand lenses				0.2 P	18
Stiff green, olive green Clay Loam w/Sand lenses	623.39		5 7 8	1.3 B	22
Medium fine Sand		-5-	8 10 10		
Medium fine Sand w/Clay lenses			9 11 13		
Medium same as above	615.89	-10-	9 11 9		
Stiff olive green, gray Clay Loam w/Sand lenses			5 5 11	2.0 P	23
Stiff rusty brown, Clay Loam w/ Sand lenses	610.89	-15-	5 6 9	1.8 P	29
Medium fine Sand	608.39		9 11 14		
		-20-			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
dark gray, rusty brown, black Clay Loam w/Sand lenses	605.89		5 6 5	0.5 B	20
Medium fine Sand	603.39		3 6 9		
Stiff rusty brown, light gray Clay Loam w/Sand lenses		-25-	6 5 3	1.6 B	32
Stiff olive green, rusty brown, black Clay Loam	598.39		2 4 6	1.3 B	46
Medium fine Sand		-30-	5 4 6		
Loose fine Sand			1 2 6		
Loose fine Sand		-35-	4 3 7		
Medium fine Sand			3 6 7		
		-40-			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

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Date 7/18/94

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-4
Station 48+72
Offset 11.00ft Rt
Ground Surface Elev. 627.89 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 (%)
Medium fine Sand			9 12 14		
		-45-			
First Encountered Dense fine Sand			3 4 20		
		-50-			
Medium dirty Sand & Gravel			1 0 10		
		-55-			
Wash Dense same as above			10 14 18		
		-60-			
Very Dense dirty Sand & Gravel	563.89		18 40 37		
End of Boring		-65-			
		-70-			
		-75-			
		-80-			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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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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