STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 623	X-1BR	LaSalle	126	95
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 40
41 SHEETS

Contract #66617

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways, District Three Materials

Page 1 of 2 — Date 10/15/64

ROUTE US 6 DESCRIPTION US 6 OVER LITTLE VERMILION RIVER EAST OF LASALLE LOGGED BY CIB

SECTION X-1BR LOCATION SE 1/4 OF NW 1/4, SEC. 14, TWP. 33N, RNG. 1E, 3 PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE MANUAL

STRUCT. NO. 050-0094
Station 9+67.35

BORING NO. 1 EAST ABUT
Station 11+07.85
Offset 18.00ft LT
Ground Surface Elev. 495.5 ft

Surface Water Elev. 453.7 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After 20 Hrs. 454.0 ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Medium to Very Stiff Reddish Brown to Yellowish Brown & Gray CLAY (FILL)					
			6	1.2 S	18
		-5	6	1.0 E	20
			7	0.5 E	13
		-10	9	0.8 S	15
			10	0.8 E	12
		-15	9	0.6 S	16
			8	0.4 S	17
		-20		0.5	22
Medium to Very Stiff Reddish Brown to Yellowish Brown & Gray CLAY (FILL) (continued)			7	E	
			8	0.8 S	19
		-25	12	-	-
			15	0.4 S	22
		-30	13	-	-
			10	1.3 B	25
		-35	17	1.0 E	13
			15	2.5 S	25
		-40		0.2	28

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 Three Materials

Page 2 of 2 — Date 10/15/64

ROUTE US 6 DESCRIPTION US 6 OVER LITTLE VERMILION RIVER EAST OF LASALLE LOGGED BY CIB

SECTION X-1BR LOCATION SE 1/4 OF NW 1/4, SEC. 14, TWP. 33N, RNG. 1E, 3 PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE MANUAL

STRUCT. NO. 050-0094
Station 9+67.35

BORING NO. 1 EAST ABUT
Station 11+07.85
Offset 18.00ft LT
Ground Surface Elev. 495.5 ft

Surface Water Elev. 453.7 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After 20 Hrs. 454.0 ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Medium to Very Stiff Reddish Brown to Yellowish Brown & Gray CLAY (FILL) (continued)			14	S	
			7	0.3 S	23
		-45	11	0.8 S	26
	450.0				
Soft to Medium Black Organic CLAY LOAM with Limestone Fragments			10	0.2 S	27
		-50	20	0.2 S	16
	444.5				
Very Dense Light Yellow & Gray Coarse Angular SAND & Limestone Fragments			63	- -	-
	442.0				
Medium to Dense Light Yellow to White LIMESTONE FRAGMENTS		-55	26	- -	-
		-60	30	- -	-
Medium Gray LIMESTONE FRAGMENTS Mixed with Black Organic CLAY	434.5		29	-	
			23	- -	14
Very Stiff Olive Gray & Brownish Black CLAY	432.0	-65	34	1.8 S	12
Hard Gray (CLAY) SHALE	429.5		63	5.8 S	16
	426.0	-70	200/5"		-
		-80			

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Illinois Department of Transportation — SOIL BORING LOG

Division of Highways, District Three Materials

Page 1 of 2 — Date 10/19/64

ROUTE US 6 DESCRIPTION US 6 OVER LITTLE VERMILION RIVER EAST OF LASALLE LOGGED BY CIB

SECTION X-1BR LOCATION SE 1/4 OF NW 1/4, SEC. 14, TWP. 33N, RNG. 1E, 3 PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE MANUAL

STRUCT. NO. 050-0094
Station 9+67.35

BORING NO. 2 WEST ABUT
Station 8+31.85
Offset 16.00ft RT
Ground Surface Elev. 496.8 ft

Surface Water Elev. 453.7 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 447.8 ft
After 19 Hrs. 452.1 ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Medium to Very Stiff Reddish Brown to Brownish Black & Gray CLAY LOAM to CLAY (FILL)					
			5	0.5 E	18
		-5	6	0.3 E	18
			21	0.2 S	14
		-10	11	0.4 S	15
			5	0.7 B	23
		-15	8	1.4 B	19
			9	0.7 S	16
		-20		0.8	21
Medium to Very Stiff Reddish Brown to Brownish Black & Gray CLAY LOAM to CLAY (FILL) (continued)			9	S	
			10	1.0 E	15
		-25	9	0.6 S	18
			14	0.5 S	15
		-30	13	2.1 S	23
			18	1.0 E	16
		-35	11	0.9 S	23
	460.8				
Medium to Stiff Yellowish Brown & Olive Gray SILTY CLAY (FILL)			11	1.2 S	20
	456.8	-40		0.8	28

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)
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Illinois Department of Transportation — SOIL BORING LOG

Division of Highways, District Three Materials

Page 2 of 2 — Date 10/19/64

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SECTION X-1BR LOCATION SE 1/4 OF NW 1/4, SEC. 14, TWP. 33N, RNG. 1E, 3 PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE MANUAL

STRUCT. NO. 050-0094
Station 9+67.35

BORING NO. 2 WEST ABUT
Station 8+31.85
Offset 16.00ft RT
Ground Surface Elev. 496.8 ft

Surface Water Elev. 453.7 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 447.8 ft
After 19 Hrs. 452.1 ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Medium Black SILTY CLAY LOAM	456.3		14	1.2	21
Medium Brownish Black SILTY CLAY to SILTY CLAY LOAM			12	0.4 S	20
		-45	13	- -	-
			10	0.7 S	20
		-50	6	0.8 B	25
	445.8				
Stiff Yellowish Brown & Olive Gray CLAY TILL mixed with LIMESTONE Fragments			21	1.9 B	23
		-55	38	1.2 B	21
	440.8				
Medium to Dense Light Yellow to White LIMESTONE FRAGMENTS & Brown CLAY			22	0.5 B	29
		-60		-	18
Medium to Dense Light Yellow to White LIMESTONE FRAGMENTS & Brown CLAY (continued)			19	-	
				-	22
			71	-	
	432.8		100/0"		
		-65			
		-70			
		-75			
		-80			

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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)

Existing boring stations are based on ℄ Bridge at 9+65.00 = ℄ Proposed Bridge Sta. 1036+60.72.

BORING LOGS
F.A.P. ROUTE 623 - SECTION X-1BR
LaSALLE COUNTY
STATION 1036+60.72
STRUCTURE NO. 050-0094

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