FOR INFORMATION ONLY

FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. Rt. 64	82-1HB	ST. CLAIR	110	94
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

2B-1

ELEV	DEPTH	N	QU	DESCRIPTION
416.89		W.L.-0 H.		Cinders, brick and brown silty clay.
	2.5			
	4.0	6		
	5.0			
	6.5	10		
410.0	7.5			Brown & gray silt, fine sand & clay layers, moist and loose.
	9.0	7		
	10.0			
	11.5	8		
	12.5			
	14.0	11		Brown & gray silt, fine sand & clay layers moist, medium dense
	15.0			
400.0	16.5	13		
	17.5			
	19.0	15		
	20.0			
	21.5	17		Brown fine sand trace of silt, moist & medium dense
	22.5			
	24.0	21		
	25.0			
390.0	26.5	30		Grey fine sand and silt, moist & medium dense
	27.5			
	29.0	26		
	30.0			
	31.5	15		
	32.5			
	34.0	19		Fine grey sand trace of silt, moist & medium dense
	35.0			
380.0	36.5	20		
	37.5			
	39.0	17		
	40.0			
	41.5	19		Greenish grey fine sand, trace of silt, moist and medium dense
	42.5			
	44.0	19		
	45.0			
370.0	46.5	81		Grey fine sand, trace of silt, moist & very dense
	47.5			
	49.0	106		
	50.0			
365.39	51.5	116		

End of bore.

Date of bore February 14, 1958

2B-2

ELEV	DEPTH	N	QU	DESCRIPTION
417.59	1.5			Cinders, fine sand & gravel fill
	2.5			Fine brown sand and silt, some cinders, fill.
	4.0	11		
	5.0			
	6.5	12		Fine brown sand & silt, moist and medium dense.
410.0	7.5			
	9.0	10		
	10.0			
	11.5	7		W.L.-O.H.
	12.5			
	14.0	5		
	15.0			
	16.5	9		
400.0	17.5			Grey and brown silt, some fine sand, clay in layers, moist loose.
	19.0	9		
	20.0			
	21.5	10		
	22.5	9		
	24.0			
	25.0			
390.0	26.5	10		
	27.5			
	29.0	9		Grey silty clay some fine sand moist and loose.
	30.0			
	31.5	20		Grey fine sand, layers of clay, moist & medium dense
	32.5			
	34.0	33		Fine gray sand trace of silt, moist, dense.
	35.0			
380.0	36.5	30		Fine yellow sand, trace of silt, moist & medium dense
	37.5			
	39.0	31		
	40.0			Yellow fine sand trace of silt, moist dense.
	41.5	43		
	42.5			Yellow fine sand, trace of silt, moist & very dense.
	44.0	58		
	45.0			
370.0	46.5	31		Fine grey sand, trace of silt, moist & dense
	47.5			
	49.0	30		
	50.0			
	51.5	87		Grey fine sand, trace of silt, moist, very dense
	52.5			
	54.0	28		
	55.0			Grey fine sand, trace of silt, moist, med. dense.
	56.5	29		
360.0	57.5			
	59.0	35		
	60.0			
	61.5	40		Grey fine sand, trace of silt, moist, dense.
	62.5			
	64.0	59		
	65.0			
351.09	66.5	62		

End of bore.

Date of bore February 21, 1958

2B-3

ELEV	DEPTH	#	QU	DESCRIPTION
417.71				Grey clay with fine with sand & cinders, fill, moist.
	2.0			
	2.5			Yellow sandy clay, very tough.
	4.0	12	2140	
	5.0			
	6.5	6	620	Yellow sandy clay and loose yellow sand in layers, stiff, moist.
410.0	7.5			
	9.0	5	930	
	10.0			
	11.5	4	1130	
	12.5			Yellow silty clay, soft, moist.
	14.0	6	870	
	15.0			
	16.5	5	1230	
400.0	17.5			Yellow silty clay, stiff, moist.
	19.0	5	1460	
	20.0			
	21.5	8	1610	Yellow and grey silty clay, stiff, moist.
	22.5			
	24.0	8		Grey silt, trace of clay, loose, moist.
	25.0			
	26.5	32		
390.0	27.5			
	29.0	33		
	30.0			Fine yellow sand, trace of silt, dense, moist.
	31.5	50		
	32.5			
	34.0	46		W.L.-24 H.
	35.0			
	36.5	32		
380.0	37.5			Fine grey sand, little silt, dense, moist.
	39.0	53		
	40.0			
	41.5	54		
	42.5			
	44.0	50		Fine grey sand, little silt, medium dense, moist.
	45.0			
370.0	46.5	42		
	47.5			
	49.0	54		
	50.0			
	51.5	61		Fine grey sand, little silt, very dense, moist.
	52.5			
	54.0	45		
	55.0			Fine grey sand, little silt, dense, moist.
	56.5	56		
360.0	57.5			
	59.0	64		
	60.0			
	61.5	71		Fine grey sand little silt, very dense, moist.
	62.5			
353.71	64.0	69		

End of bore.

Date of bore February 24 & 25, 1958

2B-4

ELEV	DEPTH	N	QU	DESCRIPTION
417.81				Black cinders & yellow clay fill, moist.
	2.5			
	4.0	11	2420	Yellow silty clay, tough, moist.
	5.0			
	6.5	6	1630	Yellow silty clay, stiff, moist.
410.0	7.5			
	9.0	4		Yellow silt, some fine sand & clay, loose, moist
	10.0			
	11.5	2	1100	Yellow silty clay, soft, moist.
	12.5	4	1430	
	14.0			
	15.0	7	1780	
	16.5			Yellow silty clay, stiff, moist.
400.0	17.5	8	1630	
	19.0			W.L.-24 H.
	20.0			
	21.5	19		
	22.5			
	24.0	22		
	25.0			Fine yellow sand, trace of silt, medium dense, moist.
	26.5	24		
390.0	27.5			
	29.0	28		
	30.0			
	31.5	60		Fine yellow sand, trace of silt, dense, moist.
	32.5			
	34.0	35		
	35.0			
	36.5	30		
380.0	37.5			
	39.0	26		
	40.0			
	41.5	15		
	42.5			Fine grey sand, little silt, medium dense, moist.
	44.0	23		
	45.0			
370.0	46.5	20		
	47.5			
	49.0	22		
	50.0			
	51.5	30		
	52.5			
	54.0	45		Fine grey sand, little silt, dense, moist.
	55.0			
	56.5	64		
360.0	57.5			
	59.0	85		Fine grey sand, little silt, very dense, moist.
	60.0			
356.31	61.5	78		

End of bore.

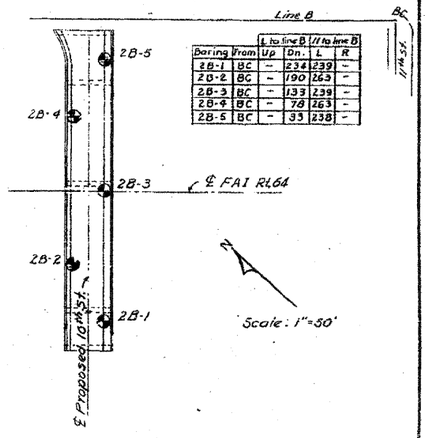
Date of bore February 25, 1958

2B-5

ELEV	DEPTH	N	QU	DESCRIPTION
418.39				Black cinders & yellow silty clay, moist.
	2.5			
	4.0	6	1360	Yellow silty clay, stiff, moist.
	5.0			
	6.5	10	2140	
	7.5			Yellow silty clay, tough moist.
410.0	9.0	9	1910	
	10.0			
	11.5	8	1780	Yellow silty clay, stiff, moist.
	12.5			
	14.0	9	1990	
	15.0			Yellow silty clay, tough, moist.
	16.5	10	2070	
400.0	17.5			
	19.0	16		
	20.0			
	21.5	18		
	22.5			Fine yellow sand, trace of silt, medium dense, moist.
	24.0	16		W.L.-24 H.
	25.0			
	26.5	14		
	27.5			
390.0	29.0	4	1070	Soft blue clay, moist.
	30.0			
	31.5	40		Fine grey sand, little silt, dense, moist.
	32.5			
	34.0	9	1740	Blue clay with fine grey sand layers, tough, moist.
	35.0			
	36.5	10		
	37.5			Fine grey sand, little silt, trace of clay, medium dense, moist.
380.0	39.0	12		
	40.0			
	41.5	17		
	42.5			Fine grey sand, little silt, medium dense, moist.
	44.0	20		
	45.0			
370.0	46.5	31		
	47.5			Fine grey sand, little silt, dense, moist.
	49.0	34		
	50.0			
	51.5	73		
	52.5			
	54.0	81		
	55.0			Fine grey sand, little silt, very dense, moist.
	56.5	72		
360.0	57.5			
	59.0	63		
	60.0			
356.89	61.5	82		

End of bore.

Date of bore February 26, 1958



Boring	From	L to line B Up	Dn.	L	R
2B-1	BC	–	234	239	–
2B-2	BC	–	190	263	–
2B-3	BC	–	133	239	–
2B-4	BC	–	78	263	–
2B-5	BC	–	35	238	–

LEGEND

W.L. – Water level below ground surface 24 hrs. after completion.

Qu. – Unconfined Compressive Strength (p.s.f.)

N – Penetration Blows per foot acquired by driving a 2" O.D. Split Spoon Sampler with a 140# weight drop 30 inches.

Method of bore: washout.

Drawn by: M.V.D.
Checked by: Wck

STATE OF ILLINOIS

DIVISION OF HIGHWAYS

BORING LOGS

F.A. ROUTE 12 (10TH STREET) OVER F.A.I. Rt. 64

STATION 58+17.87

F.A.I. Rt. 64 ST. CLAIR CO SECTION 82-1HB

H. W. LOCHNER, INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

SHEET 17 OF 18

1999 DRAFTED

FILE NAME = D8Tr1-082-0150-sht-pln18.dgn	USER NAME = moronik	DESIGNED	REVISED -
		DRAWN PP	REVISED -
	PLOT SCALE = 480.000 ' / ft.	CHECKED AB	REVISED -
	PLOT DATE = MAR. 31, 2011	DATE 03/31/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLAN – 10TH STREET

SCALE: NONE | SHEET NO. 18 OF 19 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1-3HB, 82-2N, 82-1-12RS	ST. CLAIR	352	298
•	9166/9180/9213/9214	CONTRACT NO. 76C51		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		