FOR INFORMATION ONLY

FEDERAL AID PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.R.64	82-1HB-1	ST. CLAIR	42	18
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

3B-1

ELEV.	DEPTH	N	QU	DESCRIPTION
414.36	0.9			Black silty top soil.
	2.5			
	4.0	11	5700	
410.0	5.0			Yellow clay, moist, tough
	6.5	9	4050	
	7.5			
	9.0	7		
	10.0			
	11.5	5		
	12.5			Yellow & grey silt, little clay, moist, loose.
	14.0	7		
400.0	15.0			
	16.5	9		
	17.5			
	19.0	6	1150	Grey clay, stiff
	20.0			
	21.5	9		Grey silt, fine sand & clay in layers, moist, loose.
	22.5			
	24.0	13		
390.0	25.0			
	26.5	21		
	27.5			
	29.0	19		Fine grey sand, little silt, moist medium dense.
	30.0			
	31.5	23		
	32.5			Cave in - 33.2 - 24 H
	34.0	30		Grey silt & fine grey sand layers, moist, dense.
380.0	35.0			
	36.5	34		
	37.5			
	39.0	35		
	40.0			
	41.5	38		
	42.5			
	44.0	35		Fine grey sand, trace of silt, moist, dense.
370.0	45.0			
	46.5	22		
	47.5			
	49.0	35		
	50.0			
	51.5	92		
	52.5			
360.38	54.0	108		
				End of bore.

Date of bore March 7, 1958

3B-2

ELEV.	DEPTH	N	QU	DESCRIPTION
415.01	0.5			Black top soil, moist, loose.
	2.5			
	4.0	10	1765	Brown & grey clay, moist, tough.
410.0	5.0			
	6.5	5	2480	
	7.5			
	9.0	7		Brown clay, moist, stiff.
	10.0			
	11.5	6		
	12.5			
	14.0	8		Brown & grey silt, trace of clay, moist, loose.
400.0	15.0			
	16.5	12		
	17.5			
	19.0	16		
	20.0			
	21.5	18		Brown fine sand, trace of silt, moist, medium dense.
	22.5			
	24.0	21		
390.0	25.0			
	26.5	28		Cave in - 27.2 - 24 H
	27.5			Grey fine sand, trace of silt, moist, medium dense.
	29.0	30		
	30.0			
	31.5	42		
	32.5			
	34.0	45		Grey fine sand, trace of silt, moist, dense.
380.0	35.0			
	36.5	46		
	37.5			
	39.0	58		Fine grey sand, trace of silt, moist, very dense.
	40.0			
	41.5	37		Grey fine sand, trace of silt, moist, dense.
	42.5			
	44.0	29		Grey fine sand, trace of silt, moist, medium dense.
370.0	45.0			
	46.5	65		Grey fine sand, trace of silt, moist, very dense.
	47.5			
	49.0	73		
	50.0			
363.57	51.5	42		Grey fine sand, trace of silt, moist, dense.
				End of bore.

Date of bore March 5 & 6, 1958

3B-3

ELEV.	DEPTH	N	QU	DESCRIPTION
415.18	0.5			Black top soil with brown silt, moist, loose.
	2.5			
	4.0	6		
410.0	5.0			Brown & grey silt, trace of clay, moist, loose.
	6.5	10		
	7.5			
	9.0	11		Brown & grey silt, trace of clay, moist medium dense.
	10.0			
	11.5	7		
	12.5			Brown & grey silt, trace of clay, moist, loose.
400.0	14.0	5		
	15.0			
	16.5	4		
	17.5			Brown fine sand, layers of silt, moist, loose.
	19.0	7		
	20.0			
	21.5	19		
	22.5			Brown fine sand, trace of silt, moist medium dense.
	24.0	26		
390.0	25.0			
	26.5	27		
	27.5			
	29.0	25		Cave in @ 29.7 - 24 H.
	30.0			Grey fine sand, layers of silt, moist, medium dense.
	31.5	27		
	32.5			
	34.0	30		
380.0	35.0			
	36.5	23		Grey fine sand, layers of clay & silt, moist, med. dense.
	37.5			
	39.0	24		
	40.0			Fine grey sand, trace of silt moist, medium dense.
	41.5	23		
	42.5			
	44.0	31		
370.0	45.0			Grey fine sand, trace of silt, moist, dense.
	46.5	43		
	47.5			
	49.0	58		
	50.0			
	51.5	72		Grey fine sand, trace of silt, moist, very dense.
	52.5			
	54.0	62		
360.0	55.0			
358.68	56.5	70		
				End of bore.

Date of bore March 6, 1958

WB-1

ELEV.	DEPTH	N	QU	DESCRIPTION
419.63	2.5			Black cinders & brown silty clay, moist.
	4.0	6		Brown silty clay, some fine sand, stiff, moist.
	5.0			
	6.5	7	1040	
	7.5			
	9.0	6	1800	
410.0	10.0			Brown silty clay, stiff, moist.
	11.5	5	1410	
	12.5			
	14.0	7		
	15.0			
	16.5	11		
	17.5			Yellow silt & fine sand, medium dense, moist.
400.0	19.0	14		
	20.0			
	21.5	21		
	22.5			Fine yellow sand, little silt, medium dense, moist.
	24.0	24		
	25.0			
	26.5	7	1740	
	27.5			Blue clay with fine grey sand & silt layers, stiff, moist.
	29.0	8	1910	
390.0	30.0			
	31.5	21		Fine yellow sand, little silt, med. dense, moist
	32.5			
	34.0	19		
	35.0			
	36.5	21		Cave in - 35.5 - 72 H
	37.5			
	39.0	24		Fine grey sand, little silt, medium dense, moist.
380.0	40.0			
	41.5	37		
	42.5			
	44.0	30		
	45.0			
	46.5	44		
	47.5			
	49.0	41		
370.0	50.0			Fine grey sand, little silt, dense, moist.
	51.5	45		
	52.5			
	54.0	104		Fine grey sand, little silt, very dense, moist.
	55.0			
363.63	56.5	112		
				End of bore.

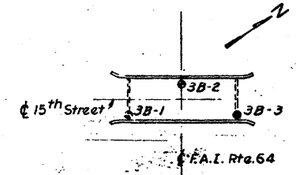
Date of bore February 27 & 28, 1958

WB-2

ELEV.	DEPTH	N	QU	DESCRIPTION
418.75	2.5			Cinders, sand, fine gravel & ashes.
	4.0	4	1275	Brown & grey silty clay, moist, soft.
	5.0			
	6.5	9	4260	Brown & grey silty clay, moist, tough.
	7.5			
	9.0	5	1990	Brown & grey silty clay, moist stiff.
410.0	10.0			
	11.5	4	1275	Brown & grey silty clay, moist, soft.
	12.5			
	14.0	7	2140	Brown & grey silty clay, moist, stiff.
	15.0			
	16.5	9		
	17.5			Brown & grey silt, little clay, moist, loose.
400.0	19.0	6		
	20.0			
	21.5	12		
	22.5			Light grey silt, fine sand & clay layers, moist, medium dense.
	24.0	16		
	25.0			
	26.5	12		Fine brown sand, trace of silt, moist medium dense.
	27.5			
	29.0	15		Grey fine sand & silt, moist, medium dense.
390.0	30.0			
	31.5	28		
	32.5			Fine grey sand, trace of silt, moist, medium dense.
	34.0	25		
	35.0			wl. 34.6 - 24H
	36.5	38		
	37.5			Fine grey sand, trace of silt, moist dense.
380.0	39.0	48		
	40.0			
	41.5	55		
	42.5			Fine grey sand, trace of silt, moist, very dense.
	44.0	62		
	45.0			
	46.5	98		Fine grey sand, trace of silt, wet, dense.
	47.5			
370.0	49.0	27		Fine grey sand, trace of silt, wet, medium dense.
	50.0			
	51.5	35		Fine grey sand, trace of silt, moist, dense.
	52.5			
	54.0	51		Fine grey sand, trace of silt, moist very dense
	55.0			
362.26	56.5	91		
				End of bore.

Date of bore March 25, 1958

Borings	Pgm	L to line A // to line A up	dn.	L.	R.
3B-1	AF	213'	-	-	49'
3B-2	AF	296'	-	-	6'
3B-3	AF	335'	-	-	51'



LEGEND

WL ____ 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 - Wash out.

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

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS
DIVISION OF HIGHWAYS
BORING LOGS
15 TH. ST.
OVER F.A.I. Rt. 64
STATION 75 + 85.50
F.A.I. Rt. 64 ST. CLAIR CO. SECTION 82-1HB-1

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

SHEET 2 OF

FILE NAME = *FILE#*	USER NAME = pimsarno	DESIGNED		REVISED -
		DRAWN	PP	REVISED -
	PLOT SCALE = 20.000 ' / IN.	CHECKED	AB	REVISED -
	PLOT DATE = 3/12/2010	DATE	03/19/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING 15TH STREET BRIDGE AND RETAINING WALL 'D' PLANS

SCALE: NONE | SHEET NO. 2 OF 22 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-1-2HB	ST. CLAIR	345	254
		CONTRACT NO. 76C49		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		