TE-54 A
125-8-56

LAK I-90

LEGEND FOR PROJECT-AVERAGE RESULTS OF TESTS- 111 SAMPLES TESTED

DESCRIPTION	H. R. B. CLASS	OHIO CLASS	% AGG.	% C. SAND	% F. SAND	% SILT	% CLAY	LIQUID LIMIT	PLASTICITY INDEX	WATER CONTENT	SAMPLES TESTED
Gravel	A-1-a (0)	A-1-a	61	24	7	6	2	NP	NP	13	3
Gravel with sand	A-1-b (0)	A-1-b	42	26	17	10	5	NP	NP	14	10
Coarse and fine sand	——	A-3a	13	35	30	15	7	12	3	20	3
Gravel or stone fragment with sand and silt	A-2-4 (0)	A-2-4	42	11	17	18	12	20	6	13	12
Sandy silt	A-4a (6)	A-4a	15	9	17	35	24	46	7	18	41
Silt	A-4b (8)	A-4b	5	3	10	55	27	22	5	16	15
Silt and clay	A-6a (9)	A-6a	14	6	7	38	35	31	12	19	21
Silty clay	A-6b (8)	A-6b	6	2	6	42	44	28	10	23	3
Elastic clay with organic material	A-7-5 (18)	A-7-5	1	2	6	43	48	68	25	42	3
Shale Visual Classification											

- w Free water
- Auger boring-plan view
- Core boring-plan view
- NOTE: Figures beside boring indicate water content in percent
- ( ) Figures in parentheses indicate number of blows for "Standard Penetration" test.
- This A-4a soil will be rubbery and unstable at water contents which exceed the optimum.
- Water content nearly equal to or greater than liquid limit.
- Auger boring plotted to vertical scale only.
- Berm material
- Sod & Topsoil, TS=X'= approx. depth.

Samples Taken
Lab. Nos. So.
70271 - 70297 incl.
70356-70393 incl.
70399-70408 incl.
70672-70693 incl.
70821-70833 incl.
71307-71313 incl.
71724-71735 incl.

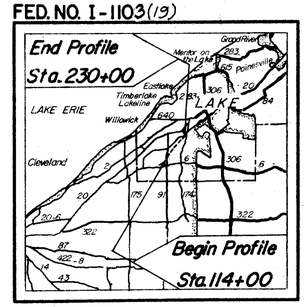
SOIL PROFILE
LAKE COUNTY
LAK-1- 2.16

1/5

STATE HIGHWAY TESTING AND RESEARCH LABORATORY
O. S. U. CAMPUS, COLUMBUS, OHIO

NOTE: THE INFORMATION SHOWN BY THIS SUBGRADE PROFILE WAS SECURED FOR THE USE OF THE STATE OF OHIO AND IS NOT TO BE CONSTRUED AS A PART OF THE PLANS GOVERNING THE CONSTRUCTION OF THE PROJECT.

FED. NO. I-1103(19)



LOCATION MAP

Recon. L.M.T. 8/2/57
Drilling
Auger D.J.H., C.A.S. 8/14/57
Core D.W.B., E.F.M., R.L.S., T.G.W. 8/27/57
Drafting G.V.T. 9/5/57