

Summary of Soil Test Data

Station & Offset	Depth From-To	% Agg	% C.S.	% F.S.	% Silt	% Clay	LL	PI	% W.C.	SHTL Class.	
105+00	10'LT	0.6-2.0	45	13	21	13	NP	NP	11	A-1-b	
	2.0-5.0	0	3	63	23	11	NP	NP	16	A-3a	
	6.0-7.0	0	2	79	13	6	NP	NP	24	A-3a	
	7.0-8.0	8	6	14	34	38	25	5	18	A-4a	
109+00	12'RT	0.0-2.0	0	11	43	31	NP	NP	12	A-4a	
	2.0-5.0	4	8	56	20	12	NP	NP	12	A-3a	
	5.0-8.0	6	3	6	37	48	33	12	19	A-6a	
112+00	14'LT	0.0-2.0	59	17	14	8	NP	NP	6	A-1-a	
	2.0-6.0	0	0	2	39	59	40	19	23	A-6b	
	6.0-8.0	11	8	10	36	35	28	8	15	A-4a	
113+10	3'RT	0.0-0.2 0.2-0.9 0.9-4.0	PAVEMENT SURVEY Bituminous Reinforced Concrete 6 7		Pavement Concrete 20 31		36	29	11	11	A-6a
113+10	13'LT	0.0-0.2 0.2-0.9 0.9-4.0	Bituminous Reinforced Concrete 7 7		Pavement Concrete 13 32		41	32	12	17	A-6a
116+50	GL	0.8-2.0 2.0-4.5	37	20	26	14	NP	NP	23	A-1-b Visual	
119+00	22'LT	0.8-4.0	0	23	48	18	NP	NP	12	A-3a	
	4.0-8.0	0	2	47	45	6	NP	NP	25	A-4a	
	8.0-10.0	0	1	4	42	53	33	12	23	A-6a	
124+00	12'RT	0.6-5.0	19	40	23	13	NP	NP	15	A-3a	
	5.0-6.0	8	54	27	8	3	NP	NP	15	A-3a	
	6.0-8.0	0	14	51	22	13	18	1	15	A-3a	
128+50	12'RT	0.8-3.0	6	60	26	4	NP	NP	5	A-3a	
	3.0-8.0	9	55	30	3	3	NP	NP	5	A-3a	

Note: NP shown in the Liquid Limit and Plasticity Index columns indicates that the material is non plastic.

LEGEND FOR PROJECT - AVERAGE RESULTS OF TESTS - 21 SAMPLES TESTED

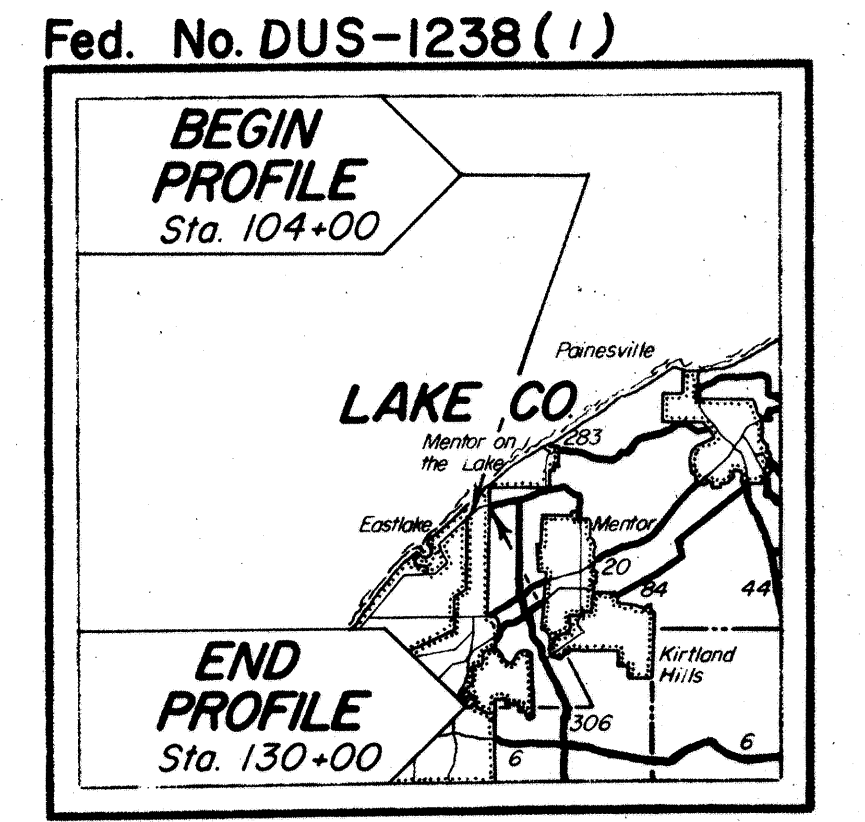
DESCRIPTION	H. R. B. CLASS	OHIO CLASS	% AGG.	% C. SAND	% F. SAND	% SILT	% CLAY	LIQUID LIMIT	PLASTICITY INDEX	WATER CONTENT	SAMPLES TESTED
Gravel	A-1-a(1)	A-1-a	59	17	14	8	2	NP	NP	6	1
Gravel or cinders with sand	A-1-b(1)	A-1-b	41	19	24	13	3	NP	NP	17	2
Coarse and fine sand	—	A-3a	5	29	44	14	8	NP	NP	11	9
Sandy silt	A-4(5)	A-4a	5	6	28	37	24	27	6	35	4
Silt and clay	A-6(9)	A-6a	5	4	11	36	44	32	12	18	4
Silty clay	A-6(12)	A-6b	0	0	2	39	59	40	19	23	1

• Water content nearly equal to or greater than liquid limit.
 W - Free water
 Note: Figures adjacent to borings designate water content in per cent.

General Note
 Pavement between Sta. 105+00 and Sta. 111+50 is in fair to good condition with lateral cracking and ravelling; between Sta. 111+50 to 113+50, pavement is in extremely poor condition - broken, patched, wavy; between Sta. 113+50 and Sta. 128+00, pavement is in good condition with lateral cracking and ravelling. Pavement is Portland Cement Concrete with a bituminous concrete surface treatment.

SOIL PROFILE
 LAKE COUNTY
 LAK-283-(6.61-6.94)
 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.



LOCATION MAP
 Recon. - C.J.K. - August 28, 1957
 Drilling - C.A.S. - August 28, 1957
 Drafting - D.L.W. - September 20, 1957

