

MUSKINGUM COUNTY
COUNTY ROAD NO. 8

NOTE:
The information shown by this subgrade profile was secured for the use of the U. S. Corps of Engineers and is not to be construed as a part of the plans governing the construction of the project.

LEGEND FOR PROJECT-AVERAGE RESULTS OF 25 SAMPLES TESTED

DESCRIPTION	M.R.B. CLASS	OHIO CLASS	% AGG.	% SAND	% F.SAND	% SILT	% CLAY	% LIQUID LIMIT	% PLASTIC INDEX	WATER SAMPLES TESTED
Gravel and/or Stone Fragments	A-1-a(0)	A-1-a	5	30	8	10	2	17	NP	10 3
Gravel and/or stone Fragments w/sand	A-1-b(0)	A-1-b	30	20	30	13	3	NP	NP	16 3
Gravel and Fine Sand	-	A-3-a	1	13	57	27	3	19	NP	17 2
Sandy Silt	A-4(a)	A-4-a	5	5	43	39	9	6	NP	19 6
Silt	A-4(0)	A-4-b	0	1	23	61	15	28	1	22 10
Silt & Clay	A-6(0)	A-6-a	0	1	6	77	16	28	11	31 1
Top Soil	Visual Class									
Over-burden	Visual Class									
Auger Boring-Plan View										
Auger Boring-Vertical Scale										
Water Content nearly equal to or greater than Liquid Limit										
Free Water Level										

- Notes:
- (1) Figures beside borings indicate the Water Content in per cent.
 - (2) NP for Liquid Limit & Plastic Index indicates non-plastic sample.
 - (3) T.S. = 'X' above borings indicate depth of Top Soil.
 - (4) Samples taken are Lab Nos. 350 Thru 374.

SUMMARY OF SOIL TEST DATA

STATION & OFFSET	DEPTH FROM-TO	% AGG.	% SAND	% F.SAND	% SILT	% CLAY	% LIQUID LIMIT	% PLASTIC INDEX	WATER SAMPLES TESTED
148+07, E	1.0-8.0	0	0	2	59	39	30.2	NP	25 A-4-b
152+00, E	0.9-3.5	0	3	40	43	14	18.6	NP	16 A-4-b
	3.5-4.8	1	26	40	30	3	NP	NP	10 A-3-b
	4.8-8.0	35	42	8	14	1	NP	NP	6 A-1-b
156+00, E	1.0-1.8	32	17	20	21	10	NP	NP	15 A-4-b
	1.8-8.0	67	16	6	9	2	16.9	NP	9 A-1-b
160+00, E	1.1-3.0	0	0	30	52	18	2.3	2.9	20 A-4-b
	3.0-6.5	2	32	46	18	2	NP	NP	10 A-1-b
	6.5-8.0	48	31	11	8	2	NP	NP	16 A-1-b
164+00, E	1.2-2.0	0	1	23	67	9	22.6	NP	22 A-4-b
	2.0-7.0	0	0	74	23	3	NP	NP	24 A-3-b
	7.0-8.0	32	14	40	13	1	NP	NP	19 A-1-b
168+00, E	1.0-3.5	0	2	41	53	4	17.5	NP	18 A-4-b
	3.5-8.0	0	1	28	61	10	21.9	NP	27 A-4-b
172+00, E	1.3-3.5	1	7	55	32	5	NP	NP	12 A-4-b
	3.5-8.9	0	0	7	79	14	27.8	0.8	24 A-4-b
174+47.24 E	1.0-4.0	0	1	55	40	4	NP	NP	12 A-4-b
	4.0-8.0	0	0	30	55	15	19.9	NP	23 A-4-b
177+00, E	1.5-4.5	0	1	33	54	12	19.0	NP	21 A-4-b
	4.5-8.0	0	1	6	77	16	28.4	11.1	31 A-6-b
181+00, E	1.4-5.6	0	0	40	49	11	20.1	NP	24 A-4-b
	5.6-8.0	0	0	46	46	8	NP	NP	32 A-4-b
183+50, E	1.0-6.5	0	0	9	73	18	24.8	1.0	20 A-4-b
	6.5-7.0	0	0	30	56	14	21.0	1.0	23 A-4-b
	7.0-8.0	55	12	12	16	5	NP	NP	19 A-1-b

For Reference Only

C-408

REVISION	DATE	DESCRIPTION	BY
	3/23/62	AS CONSTRUCTED	H.F.K.
U. S. ARMY ENGINEER DISTRICT, HUNTINGTON CORPS OF ENGINEERS HUNTINGTON, W. VA.			
DRAWN BY: <i>CEW</i>		LICKING RIVER DILLON RESERVOIR PROJECT	
CHECKED BY: <i>FA</i>		RELOCATION OF MUSKINGUM COUNTY ROAD NO. 8 MC-8-4 & MT-408-1 MC-8-1 & MC-408-1	
SUBMITTED BY: <i>Elmer S. Barrett</i> ELMER S. BARRETT ASSOCIATES		APPROVED: <i>Steven M. Leach</i> COL. C. E. DISTRICT ENGINEER	
RECOMMENDED: <i>Steven M. Leach</i> CHIEF ENG. DIV.		DATE: NOVEMBER 1959	
ELMER S. BARRETT ASSOCIATES CONSULTING ENGINEERS CHILLICOTHE, OHIO		SCALE: DRAWING NUMBER 0271-UD 14-68/ SHEET 1 OF 3	