

COMPUTATIONS & SUB-SUMMARIES

Checked by: DJ 4/80
 Checked by: RL 5/80

FHWA REGION	STATE	PROJECT		
5	OHIO			23 171

LAKE COUNTY
LAK-2-0.00

Stations		Side	End Widths (Ft.)	Surface Area (Sq. Yds.)	846	
From	To				Surface (Cu. Yds.)	Intermediate (Cu. Yds.)
CITY OF EUCLID						
86+00	93+70	EB	16.6	1420.2	49.3	69.0
93+70	100+00	EB	4.5	315.0	10.9	15.3
99+25	100+00	EB	(FEATHER)		4.8	6.2
SUB-TOTAL CITY OF EUCLID					75.0	90.5
CITY OF WICKLIFFE						
100+00	114+17	EB	55.5	8738.2	303.4	424.8
114+17	116+17	EB	53.3	1183.3	41.1	57.5
116+17	116+28	EB	51.0	62.3	2.2	3.0
117+72.5	117+83	EB	51.0	59.5	2.1	2.9
117+83	118+00	EB	51.7	97.7	3.4	4.7
118+00	119+74	EB	56.6	1094.3	38.0	53.2
119+74	120+58	EB	64.5	602.0	20.9	29.3
120+58	123+88.64	EB	81.0	2975.8	103.3	144.7
123+88.64	124+88.56	EB	58.5	649.5	22.6	31.6
124+88.56	127+00	EB	55.5	1303.9	45.3	63.4
127+00	129+00	EB	53.3	1183.3	41.1	57.5
129+00	129+13.72	EB	51.0	77.8	2.7	3.8
130+79.28	130+88	EB	51.0	49.4	1.7	2.4
130+88	132+88	EB	53.3	1183.3	41.1	57.5
132+88	139+03	EB	55.5	3792.5	131.7	184.4
139+03	140+04.76	EB	54.0	610.6	21.2	29.7
140+04.76	141+15	EB	71.0	869.7	30.2	42.3
141+15	149+50	EB	67.5	6494.4	225.5	315.7
149+50	152+00	EB	61.5	1770.8	61.5	86.1
152+00	153+25.50	EB	55.5	773.9	26.9	37.6
153+25.50	155+25.50	EB	53.3	1183.3	41.1	57.5
155+25.50	155+41.40	EB	51.0	90.1	3.1	4.4
156+72.91	156+89	EB	51.0	91.2	3.2	4.4
156+89	158+89	EB	53.3	1183.3	41.1	57.5
158+89	174+50	EB	55.5	9626.2	334.2	467.9
174+50	176+53.79	EB	61.5	1392.6	48.4	67.7
176+53.79	182+53.79	EB	81.0	5400.0	187.5	262.5
182+53.79	183+53.63	EB	57.5	637.9	22.2	31.0
183+53.63	193+00	EB	55.5	5836.0	202.6	283.7
193+00	193+65	EB	54.8	395.8	13.7	19.2
SUB-TOTAL CITY OF WICKLIFFE					2063.0	2887.9
CITY OF WILLOWICK						
193+65	195+00	EB	52.5	787.5	27.3	38.3
195+00	195+14.24	EB	51.0	80.7	2.8	3.9
196+79.26	196+86	EB	51.0	38.2	1.3	1.9
196+86	198+86	EB	53.3	1183.3	41.1	57.5
198+86	209+11	EB	55.5	6320.8	219.5	307.3
209+11	212+74.56	EB	59.0	2383.3	82.8	115.9
212+74.56	215+96.49	EB	72.0	2575.4	89.4	125.2
215+96.49	217+20	EB	67.5	926.3	32.2	45.0
SUB-TOTAL CITY OF WILLOWICK					496.4	695.0
CITY OF EASTLAKE						
217+20	222+00	EB	67.5	3600.0	125.0	175.0
222+00	224+50	EB	61.5	1708.3	59.3	83.0
224+50	232+48	EB	55.5	4921.0	170.9	239.2
232+48	234+48	EB	53.3	1183.3	41.1	57.5
234+48	234+69.16	EB	51.0	119.9	4.2	5.8
236+17.60	238+17.60	EB	53.3	1183.3	41.1	57.5
238+17.60	252+72.05	EB	55.5	8969.1	311.4	436.0
252+72.05	253+72.05	EB	60.5	672.2	23.3	32.7
253+72.05	256+52.25	EB	65.5	2039.2	70.8	99.1
256+52.25	257+91.50	EB	66.5	1028.9	35.7	50.0
257+91.50	259+91.50	EB	72.3	1605.6	55.8	78.1

Stations		Side	End Widths (Ft.)	Surface Area (Sq. Yds.)	846	
From	To				Surface (Cu. Yds.)	Intermediate (Cu. Yds.)
CITY OF EASTLAKE (CONT'D)						
260+20	260+54.05	EB	81.8	309.3	10.7	15.0
260+54.05	260+72.05	EB	84.5	168.9	5.9	8.2
260+72.05	261+72.05	EB	53.0	588.3	20.4	28.6
261+72.05	262+54.05	EB	54.8	498.8	17.3	24.3
262+54.05	275+80	EB	55.5	8176.7	283.9	397.5
275+80	277+90	EB	60.5	1411.7	49.0	68.6
277+90	282+30	EB	73.5	3593.3	124.8	174.7
282+30	287+90	EB	61.5	3826.7	132.9	186.0
287+90	289+67	EB	55.5	1091.5	37.9	53.1
289+67	291+67	EB	53.3	1183.3	41.1	57.5
291+67	291+88.11	EB	51.0	119.6	4.2	5.8
293+25.53	293+50	EB	51.3	139.5	4.8	6.8
293+50	295+25.53	EB	58.1	1132.2	39.3	55.0
295+25.53	296+00	EB	66.0	546.1	19.0	26.6
296+00	299+21.70	EB	67.5	2412.8	83.8	117.3
299+21.70	301+76.11	EB	81.0	2289.7	79.5	111.3
301+76.11	302+74.96	EB	57.5	631.5	21.9	30.7
302+74.96	308+54.21	EB	55.5	3572.0	124.0	173.6
308+54.21	308+85	EB	54.0	184.7	6.4	9.0
SUB-TOTAL CITY OF EASTLAKE					2045.4	2863.5
CITY OF WILLOUGHBY						
308+85	310+54.21	EB	53.1	998.3	34.6	48.5
312+82.19	313+07.19	EB	51.0	141.7	4.9	6.9
313+07.19	315+07.19	EB	53.3	1183.3	41.1	57.5
315+07.19	316+38	EB	55.5	806.7	28.0	39.2
316+38	317+51.84	EB	69.0	872.8	30.3	42.4
317+51.84	318+51.76	EB	45.5	505.2	17.5	24.6
318+51.76	321+60	EB	43.5	1489.8	51.7	72.4
321+60	322+17.49	EB	47.0	300.2	10.4	14.6
322+17.49	323+02	EB	60.0	563.4	19.6	27.4
323+02	331+50	EB	55.5	5229.3	181.6	254.2
331+50	334+00	EB	49.5	1375.0	47.7	66.8
334+00	335+05.71	EB	43.5	510.9	17.7	24.8
335+05.71	152+52	EB	43.5	9434.7	327.6	458.6
152+52	154+52	EB	41.3	916.7	31.8	44.6
154+52	154+64	EB	39.0	52.0	1.8	2.5
156+08.68	156+34.5	EB	39.0	111.9	3.9	5.4
156+34.5	158+34.5	EB	41.3	916.7	31.8	44.6
158+34.5	175+89.5	EB	43.0	8482.5	294.5	412.3
175+89.5	177+89.5	EB	41.3	916.7	31.8	44.6
177+89.5	178+110.8	EB	39.0	93.5	3.3	4.6
180+37.3	180+46.3	EB	39.0	39.0	1.4	1.9
180+46.3	180+51.80	EB	39.1	23.9	.8	1.2
180+51.80	181+51.80	EB	46.3	513.9	17.8	25.0
181+51.80	182+01.80	EB	54.0	299.7	10.4	14.6
182+01.80	182+46.3	EB	55.5	274.4	9.5	13.3
182+46.3	183+01.80	EB	55.5	342.3	11.9	16.6
183+01.80	185+00	EB	55.5	1222.2	42.4	59.4
185+00	187+01.80	EB	67.0	1502.3	52.2	73.0
187+01.80	189+01.80	EB	43.5	483.3	16.8	23.5
189+01.80	192+74.13	EB	43.5	2282.9	79.3	111.0
192+74.13	193+35.63	EB	46.5	317.8	11.0	15.5
193+35.63	194+47	EB	59.5	736.3	25.6	35.8
194+47	200+35.63	EB	55.5	3629.9	126.0	176.5
200+35.63	203+85.63	EB	49.5	1925.0	66.8	93.6
203+85.63	214+46.48	EB	43.5	5127.4	178.0	249.2
214+46.48	221+25	EB	51.9	3912.8	135.9	190.2
SUB-TOTAL CITY OF WILLOUGHBY					1997.4	2796.8
CITY OF MENTOR						
221+25	222+16.48	EB	61.3	623.1	21.6	30.3
222+16.48	222+91.48	EB	(FEATHER)		11.3	5.3
SUB-TOTAL CITY OF MENTOR					32.9	35.6

Stations		Side	End Widths (Ft.)	Surface Area (Sq. Yds.)	846	
From	To				Surface (Cu. Yds.)	Intermediate (Cu. Yds.)
CITY OF EUCLID						
90+50	100+00	WB	4.5	475.0	16.5	23.1
99+25	100+00	WB	(FEATHER)		14.8	6.2
SUB-TOTAL CITY OF EUCLID					31.3	29.3
CITY OF WICKLIFFE						
100+00	110+10	WB	55.5	6228.3	216.3	302.8
110+10	112+60	WB	61.5	1708.3	59.3	83.0
112+60	114+17	WB	67.5	1177.5	40.9	57.2
114+17	116+17	WB	65.3	1450.0	50.3	70.5
116+17	116+28	WB	63.0	77.0	2.7	3.7
117+72.50	117+83	WB	63.0	73.5	2.6	3.6
117+83	119+83	WB	65.3	1450.0	50.3	70.5
119+83	121+44.37	WB	67.5	1210.3	42.0	58.8
121+44.37	122+13.36	WB	72.0	551.9	19.2	26.8
122+13.36	122+59	WB	59.0	299.2	10.4	14.5
122+59	125+83.68	WB	55.5	2002.2	69.5	97.3
125+83.68	126+83.6	WB	57.5	638.4	22.2	31.0
126+83.6	127+00	WB	81.0	167.7	5.8	8.2
127+00	127+97.32	WB	78.5	848.9	29.5	41.3
127+97.32	129+00	WB	64.2	731.9	25.4	35.6
129+00	129+13.72	WB	63.0	96.0	3.3	4.7
130+79.28	130+88	WB	63.0	61.0	2.1	3.0
130+88	132+30	WB	64.6	1019.2	35.4	49.5
132+30	132+88	WB	65.9	424.4	14.7	20.6
132+88	134+80	WB	60.5	1290.7	44.8	62.7
134+80	153+25.5	WB	55.5	11380.6	395.1	553.2
153+25.5	155+25.5	WB	53.3	1183.3	41.1	