COMPUTATIONS & SUB-SUMMARIES

FHWA REGION	STATE	PROJECT	
5	OHIO		

LAKE COUNTY
LAK-2-0.00

Stations From	Stations To	Side	End Widths (Ft.)	Surface Area (Sq. Yds.)	846 Surface (Cu. Yds.)	846 Intermediate (Cu. Yds.)
CITY OF WILLOUGHBY (CONT'D)						
RAMP D-6						
1 +10.95	2 +00		29.0	286.9	10.0	14.0
2 +00	3 +62.49		27.0	487.5	16.9	23.7
3 +62.49	4 +86.45		26.5	365.0	12.7	17.7
4 +86.45	5 +75		25.0	246.0	8.5	12.0
5 +75	6 +25		19.5	108.3	3.8	5.3
6 +25	6 +69.29		14.5	71.4	2.5	3.5
6 +69.29	7 +15.95		15.0	77.8	2.7	3.8
SUB-TOTAL CITY OF WILLOUGHBY					335.6	470.0
CITY OF EASTLAKE						
RAMP D-7						
2 +56.41	3 +56.35		29.0	322.0	11.2	15.7
3 +56.35	8 +65		27.0	1525.9	53.0	74.2
SUB-TOTAL CITY OF EASTLAKE					64.2	89.9
CITY OF WILLOUGHBY						
8 +65	13 +32		27.0	1401.0	48.6	68.1
13 +32	13 +82.52		21.5	120.7	4.2	5.9
13 +82.52	14 +13		19.7	66.7	2.3	3.2
RAMP E-1						
1 +04.56	2 +04.56		24.5	272.2	9.5	13.2
2 +04.56	3 +04.56		26.0	288.9	10.0	14.0
3 +04.56	6 +98.93		27.0	1183.1	41.1	57.5
6 +98.93	7 +98.93		26.0	288.9	10.0	14.0
RAMP E-2						
0 +99.98	1 +74.98		27.0	225.0	7.8	10.9
1 +74.98	4 +35.02		29.0	837.9	29.1	40.7
4 +35.02	6 +65.86		27.0	692.5	24.0	33.7
6 +65.86	8 +71.71		29.0	663.3	23.0	32.2
8 +71.71	9 +71.71		28.0	311.1	10.8	15.1
9 +71.71	10 +71.71		26.0	288.9	10.0	14.0
10 +71.71	11 +71.71		24.5	272.2	9.5	13.2
RAMP E-3						
0 +32	0 +72.79		47.6	213.1	7.4	10.4
0 +72.79	2 +75		35	788.3	27.4	38.3
2 +75	3 +55.75		31.5	282.6	9.8	13.7
3 +55.75	6 +13.66		25.0	716.4	24.9	34.9
6 +13.66	10 +50		27.0	1309.0	45.5	63.6
10 +50	11 +45.91		29.0	309.0	10.7	15.0
RAMP E-4						
0 +33	0 +67.57		34.7	133.3	4.6	6.5
0 +67.57	6 +84.98		25.0	1715.0	60.0	83.4
6 +84.98	10 +12.83		27.0	983.6	34.2	47.8
10 +12.83	11 +12.83		26.0	288.9	10.0	14.0
11 +12.83	12 +12.83		24.5	272.2	9.5	13.2
RAMP E-5						
0 +33	0 +90.54		37.4	239.1	8.3	11.6
0 +90.54	4 +00.06		33.0	1134.9	39.4	55.2
4 +00.06	6 +93.18		29.7	967.3	33.6	47.0
6 +93.18	6 +50		25.7	123.3	4.3	6.0
6 +50	2 +95.57		27.0	1063.3	36.9	51.7
2 +95.57	1 +95.57		29.0	322.2	11.2	15.7
SUB-TOTAL CITY OF WILLOUGHBY					617.6	863.7

Stations From	Stations To	Side	End Widths (Ft.)	Surface Area (Sq. Yds.)	846 Surface (Cu. Yds.)	846 Intermediate (Cu. Yds.)
CITY OF EASTLAKE						
SR 91						
238 +50	239 +25		66.0	550.0	19.1	26.7
239 +25	240 +47		84.0	1138.7	39.5	55.4
243 +42	243 +94		77.0	444.9	15.4	21.6
243 +94	244 +98		84.0	970.7	33.7	47.2
244 +98	246 +47		66.0	1092.7	37.9	53.1
SUB-TOTAL CITY OF EASTLAKE					145.6	204.0
CITY OF WILLOUGHBY						
LOST NATION RD						
23 +15	24 +04		58.0	573.6	19.9	27.9
24 +04	24 +27		65.0	166.1	5.8	8.1
24 +27	25 +18.5		72.0	732.0	25.4	35.6
25 +18.5	26 +77.6		69.0	1219.8	42.3	59.3
26 +77.6	27 +30.04		66.3	386.0	13.4	18.8
27 +30.04	27 +82.48		60.8	354.0	12.3	17.2
27 +82.84	28 +85		58.0	660.7	22.9	32.1
31 +63	33 +87.97		58.0	1449.8	50.3	70.5
33 +87.97	34 +74.37		60.5	580.8	20.2	28.2
34 +74.37	34 +87.97		64.0	96.7	3.4	4.7
34 +87.97	35 +83.03		82.0	866.1	30.1	42.1
35 +83.03	35 +87.97		99.0	54.3	1.9	2.6
35 +87.97	36 +62.5		93.5	774.3	26.9	37.6
36 +62.5	37 +39.25		88.0	750.4	26.1	36.5
37 +39.25	37 +70.25		81.5	280.7	9.7	13.6
37 +70.25	38 +90		67.5	898.1	31.2	43.7
SUB-TOTAL CITY OF WILLOUGHBY					341.8	478.5
CITY TOTALS (FROM SHEETS 23 - 25)						
CITY OF EUCLID					106.3	119.8
CITY OF WICKLIFFE					4893.6	6850.4
CITY OF WILLOWICK					1406.5	1969.4
CITY OF EASTLAKE					4695.4	6573.7
CITY OF WILLOUGHBY					5275.4	7385.2
CITY OF MENTOR					65.8	71.2

Stations From	Stations To	Side	End Widths (Ft.)	Surface Area (Sq. Yds.)			