

CONCRETE SIDEWALK REMOVAL *
* FOR INFORMATION ONLY. PAID FOR AS COMMON EXCAVATION (cu m).

STATION TO STATION	SIDE	AREA m ²	VOL. m ³	REMARKS
+106.250 +142.415	Rt.	43.5	4.4	ASSD. DEPTH 100mm
+134.205 +150.000	Lt.	19.1	1.9	CONC. SIDEWALK
+150.000 +170.047	Rt.	21.3	2.1	"
+176.116 +190.213	Rt.	13.9	1.4	"
+194.483 +208.061	Rt.	13.9	1.4	"
+212.045 +241.555	Rt.	31.5	3.2	"
+245.394 +266.336	Rt.	23.4	2.3	"
+270.460 +292.509	Rt.	27.3	2.7	"
+302.358 +309.373	Rt.	8.9	0.9	"
+150.000 +226.634	Lt.	97.5	9.8	"
+291.666 +292.987	Lt.	1.6	0.2	"
+298.741 +309.373	Lt.	12.6	1.3	"
+309.373 +335.018	Rt.	29.4	2.9	"
+338.686 +390.167	Rt.	60.8	6.1	"
+399.917 +410.501	Rt.	14.9	1.5	"
+415.050 +442.502	Rt.	31.3	3.1	"
+445.833 +450.000	Rt.	4.7	0.5	"
+327.676 +351.772	Lt.	40.9	4.1	"
+450.000 +460.651	Rt.	11.9	1.2	"
+464.000 +485.748	Rt.	25.9	2.6	"
+495.166 +513.733	Rt.	23.1	2.3	"
+521.096 +529.530	Rt.	9.9	1.0	"
+534.057 +543.728	Rt.	11.5	1.2	"
+548.274 +572.324	Rt.	28.1	2.8	"
+575.996 +583.831	Rt.	8.8	0.9	"
+589.701 +600.000	Rt.	9.8	1.0	"
+600.000 +605.868	Rt.	6.7	0.7	"
+613.648 +664.153	Rt.	59.1	5.9	"
+671.380 +695.125	Rt.	27.5	2.8	"
+699.875 +717.094	Rt.	20.2	2.0	"
+721.921 +750.000	Rt.	35.7	3.6	"
+609.538 +619.090	Lt.	11.6	1.2	"
+627.084 +633.136	Lt.	9.7	1.0	"
+727.312 +742.798	Lt.	19.5	2.0	"
+750.000 +775.195	Rt.	30.9	3.1	"
+780.502 +797.562	Rt.	21.1	2.1	"
+807.301 +816.525	Rt.	18.6	1.9	"
+852.523 +842.880	Rt.	22.5	2.3	"
+852.021 +897.517	Rt.	66.0	6.6	"
+751.867 +759.877	Lt.	9.9	1.0	"
+910.291 +943.270	Rt.	50.9	5.1	"
+952.943 +974.163	Rt.	31.6	3.2	"
+983.738 +996.054	Rt.	22.4	2.2	"
+1+006.034 +1+034.750	Rt.	37.0	3.7	"
+1+043.673 +1+047.940	Rt.	5.4	0.5	"
+916.718 +931.538	Lt.	26.5	2.7	"
+938.941 +986.330	Lt.	58.7	5.9	"
+995.334 +1+034.306	Lt.	45.3	4.5	"
+1+039.866 +1+050.000	Lt.	12.2	1.2	"
+1+051.978 +1+064.215	Rt.	14.4	1.4	"
+1+068.964 +1+094.331	Rt.	32.9	3.3	"
+1+103.456 +1+110.639	Rt.	8.5	0.9	"
+1+116.140 +1+137.463	Rt.	23.6	2.4	"
+1+149.701 +1+168.718	Rt.	22.4	2.2	"
+1+173.076 +1+191.987	Rt.	21.1	2.1	"
+1+201.617 +1+209.163	Rt.	19.0	1.9	"
+1+050.000 +1+058.385	Lt.	9.7	1.0	"
+1+064.557 +1+073.826	Lt.	10.8	1.1	"
+1+080.023 +1+085.764	Lt.	6.8	0.7	"
+1+092.955 +1+114.881	Lt.	26.0	2.6	"
+1+122.382 +1+143.081	Lt.	27.1	2.7	"
+1+152.555 +1+172.918	Lt.	24.3	2.4	"
+1+182.511 +1+192.123	Lt.	20.9	2.1	"
+1+216.841 +1+226.177	Rt.	11.6	1.2	"
+1+235.081 +1+243.674	Rt.	13.7	1.4	"
+1+247.457 +1+256.185	Rt.	10.9	1.1	"
+1+265.211 +1+274.676	Rt.	11.0	1.1	"
+1+282.312 +1+290.000	Rt.	13.4	1.3	"
+1+299.478 +1+341.980	Rt.	49.2	4.9	"
+1+345.626 +1+349.032	Rt.	3.9	0.4	"
+1+298.504 +1+309.804	Lt.	14.1	1.4	"
+1+319.251 +1+350.000	Lt.	43.1	4.3	"
+1+356.784 +1+388.120	Rt.	47.5	4.8	"
+1+397.425 +1+441.484	Rt.	51.7	5.2	"
+1+446.212 +1+491.186	Rt.	66.8	6.7	"
+1+500.337 +1+508.062	Rt.	9.6	1.0	"
+1+350.000 +1+365.631	Lt.	20.1	2.0	"
+1+374.771 +1+398.853	Lt.	30.0	3.0	"
+1+508.062 +1+521.911	Rt.	36.6	3.7	"
+1+535.669 +1+553.396	Rt.	21.6	2.2	"
+1+562.525 +1+595.607	Rt.	40.1	4.0	"
+1+605.290 +1+655.20	Rt.	62.0	6.2	"
+456.617 +475.733	Rt.	15.8	1.6	CONC WALK WEST SIDE, SHERIDAN
TOTALS		2114.7	211.5	

CONCRETE DRIVE REMOVAL **
** FOR INFORMATION ONLY. PAID FOR AS ROCK EXCAVATION (cu m).

STATION	SIDE	AREA m ²	VOL. m ³	REMARKS
+130.353	Lt.	53.9	8.1	ASSD. DEPTH 150mm
+146.977	Rt.	61.5	9.2	CONC. DRIVE
+173.054	Rt.	29.5	4.4	"
+192.321	Rt.	24.0	3.6	"
+210.026	Rt.	24.2	3.6	"
+243.448	Rt.	21.5	3.2	"
+247.280	Lt.	37.3	5.6	"
+268.370	Rt.	24.2	3.6	"
+288.087	Lt.	53.6	8.0	"
+295.869	Lt.	50.0	7.5	"
+336.8119	Rt.	33.4	5.0	"
+339.223	Lt.	65.3	9.8	"
+355.573	Lt.	35.3	5.3	"
+374.811	Lt.	30.4	4.6	"
+412.725	Rt.	43.5	6.5	"
+444.153	Rt.	29.3	4.4	"
+462.299	Rt.	29.4	4.4	"
+499.820	Lt.	72.2	10.8	"
+517.382	Rt.	65.9	9.9	"
+531.809	Rt.	39.5	5.9	"
+546.009	Rt.	40.3	6.0	"
+567.429	Lt.	65.0	9.8	"
+574.200	Rt.	32.2	4.8	"
+584.054	Lt.	51.9	7.8	"
+587.293	Rt.	66.1	9.9	"
+605.553	Lt.	59.2	8.9	"
+609.746	Rt.	69.4	10.4	"
+623.195	Lt.	58.8	8.8	"
+667.754	Rt.	64.8	9.7	"
+686.124	Lt.	80.4	12.1	"
+697.478	Rt.	45.8	6.9	"
+719.485	Rt.	45.0	6.8	"
+722.705	Lt.	57.0	8.6	"
+743.960	Rt.	8.0	1.2	"
+747.385	Lt.	55.5	8.3	"
+761.900	Rt.	5.4	0.8	"
+764.620	Lt.	57.4	8.61	"
+777.949	Rt.	51.7	7.8	"
+783.760	Lt.	58.1	8.7	"
+827.278	Rt.	56.4	8.5	"
+847.449	Rt.	56.6	8.5	"
+935.279	Lt.	47.1	7.1	"
+948.094	Rt.	52.7	7.9	"
+979.003	Rt.	50.7	7.6	"
+990.832	Lt.	88.5	13.3	"
+1+037.010	Lt.	50.6	7.6	"
+1+039.216	Rt.	32.6	4.9	"
+1+049.891	Rt.	15.7	2.4	"
+1+061.394	Lt.	49.8	7.5	"
+1+066.59	Rt.	24.3	3.6	"
+1+076.836	Lt.	49.8	7.5	"
+1+089.360	Lt.	61.9	9.3	"
+1+115.644	Rt.	27.1	4.1	"
+1+118.570	Lt.	63.1	9.5	"
+1+139.939	Rt.	26.2	3.9	"
+1+147.766	Lt.	48.3	7.2	"
+1+147.978	Rt.	19.1	2.9	"
+1+170.897	Rt.	22.3	3.3	"
+1+177.706	Lt.	48.5	7.3	"
+1+215.082	Rt.	38.2	5.7	"
+1+230.631	Rt.	33.5	5.0	"
+1+245.860	Rt.	12.4	1.9	"
+1+260.674	Rt.	33.5	5.0	"
+1+262.418	Lt.	84.0	12.6	"
+1+276.072	Rt.	28.2	4.2	"
+1+314.526	Lt.	77.5	11.6	"
+1+343.858	Rt.	18.3	2.7	"
+1+352.905	Rt.	37.4	5.6	"
+1+370.200	Lt.	75.2	11.3	"
+1+403.277	Lt.	75.2	11.3	"
+1+429.219	Lt.	75.3	11.3	"
+1+443.922	Rt.	30.8	4.6	"
+1+496.323	Lt.	31.5	4.7	"
+1+532.924	Rt.	20.3	3.0	"
+1+557.925	Rt.	36.3	5.4	"
+440.611	Rt.	14.1	2.1	CONC. DRIVE WEST SIDE OF SHERIDAN
+460.588	Rt.	48.9	7.3	CONC. DRIVE WEST SIDE OF SHERIDAN
+479.827	Rt.	6.6	10.0	CONC. DRIVE WEST SIDE OF SHERIDAN
+517.224	Lt.	39.0	5.9	CONC. DRIVE EAST SIDE OF SHERIDAN
+537.348	Lt.	40.0	6.0	CONC. DRIVE EAST SIDE OF SHERIDAN
+559.398	Lt.	16.1	2.4	CONC. DRIVE EAST SIDE OF SHERIDAN
TOTALS		3559.5	542.8	

EARTHWORK

Sta. to Sta.	ROADWAY	EXCAVATION		COMPACTION		EXCAVATION WASTED		EMBANKMENT	SELECT EMBANKMENT MATERIAL (VEH. MEAS)	REMARKS
		COMMON	ROCK	IN FILL (TYPE B) (MR-90)	IN CUT (TYPE B) (MR-90)	COMMON	ROCK			
0+118.628 +1+639.158	CENTRAL	7152	0.8	5184	500	6472	5184		955	
0+430 +1+581.318	SHERIDAN	214	0.8	211	22	187	211		47	
0+000 +1+120.051	ZOO BLVD	342	0.8	0	0	342	0		75	
CUL-DE-SAC	MT. CARMEL	0	0.8	68	44	0	68			
TOTALS		7708		5463	566	7051	5463		1077	

200mm CRUSHED STONE SUBGRADE (BENEATH BITUMINOUS SURFACE)

STATION TO STATION	ROADWAY (LOCATION)	THICKNESS (mm)	AREA (m ²)
0+118.628 +1+150.000	Central	200	636.3
0+150.000 +1+309.373	Central	200	3091.8
0+231.705 @ McComas+Hookup (N)	Central	200	185.5
0+297.080 @ Kessler (S)	Central	200	104.5
0+309.373 +1+450.000	Central	200	2728.2
0+322.853 @ Kessler (N)	Central	200	169.9
0+394.952 @ Knight (S)	Central	200	152.0
0+425.413 @ W. Ridge (N)	Central	200	153.6
0+450.000 +1+600.000	Central	200	2910.0
0+490.503 @ W. Ridge (S)	Central	200	154.2
0+600.000 +1+750.000	Central	200	2910.0
0+750.000 +1+899.938	Central	200	3293.1
0+899.938 +1+050.000	Central	200	2813.2
0+911.654 @ Mt. Carmel (N)	Central	200	134.4
1+000.985 @ Custer (S)	Central	200	186.4
1+050.000 +1+210.561	Central	200	3114.9
1+098.949 @ Clayton (S)	Central	200	170.8
1+196.681 @ St. Paul (N)	Central	200	166.0
1+196.912 @ St. Paul (S)	Central	200	130.9
1+210.561 +1+350.000	Central	200	2705.1
1+294.880 @ Gordon (S)	Central	200	149.9
1+350.000 +1+508.062	Central	200	3066.4
1+508.062 (Lt.) +1+616.024 (Lt.)	Central	200	1005.7
1+616.024 (PC) +1+639.158 (EOP)	Central	200	233.8
1+508.062 (Rt.) +1+616.024 (Rt.)	Central	200	1140.9
1+616.024 (PC) +1+639.158 (EOP)	Central	200	279.3
0+430.000 +1+481.900	Sheridan	200	285.5
0+518.324 +1+581.318 @	Sheridan	200	1026.9
0+034.325 +1+088.267	Zoo Blvd.	200	671.7
TOTALS			33770.9

180mm CRUSHED STONE SUBGRADE (BENEATH CONCRETE PAVEMENT)

STATION	ROADWAY (LOCATION)	THICKNESS (mm)	AREA (m ²)
0+531.202 @ JoAnn (N)	Central	180	119.1
0+640.924 @ Gow (N)	Central	180	119.1
0+892.200 (RXR Approach Slab)	Central	180	102.5
0+900.300 (RXR Approach Slab)	Central	180	98.0
1+392.845 @ Edwards (S)	Central	180	140.6
1+495.875 @ Richmond (S)	Central	180	114.3
Cul-De-Sac - Mt. Carmel (S)	Mt. Carmel	180	198.1
TOTALS			891.7

GEOGRID REINFORCEMENT FOR BASE (BENEATH PAVEMENT)

AREA OF GEOGRID REINFORCEMENT EQUIVALENT TO AREA OF CRUSHED STONE SUBGRADE	AREA (m ²)
GEOGRID BENEATH BIT PAVEMENT	33771
GEOGRID BENEATH CONC PAVEMENT	892
TOTALS	34663

MANHOLE ADJUSTMENTS

STATION	ROADWAY	SIDE	OFFSET	EACH	CAST IRON (kg)	ELEVATION		REMARKS
						FROM	TO	
0+236.413	Central	Lt.	2.2	1	147.4 kg	398.500	398.567	Storm Water Sew