
APPENDIX E
Traffic Analyses

GARDINER STRATEGIC PLAN

TABLE A1 - SCREENLINE SUMMARY (AM PEAK HOUR)

Area 1 - Hwy 427 to West of Park Lawn													
Screenline	Classification	Volume			Lane Capacity	No. of Lanes (per direction)	Total Capacity ¹ (per direction)	v/c			Spare Capacity		
		EB/NB	WB/SB	TOTAL				EB/NB	WB/SB	TOTAL	EB/NB	WB/SB	TOTAL
North-South Screenlines													
Screenline A - West of Kipling													
Bloor St	Major Arterial	960	207	1167	700	2	1400	0.69	0.15	0.42	0.31	0.85	0.58
Dundas St	Major Arterial	1701	1670	3371	700	3	2100	0.81	0.80	0.80	0.19	0.20	0.20
N. Queen St	Minor Arterial	454	456	910	650	2	1300	0.35	0.35	0.35	0.65	0.65	0.65
The Queensway	Major Arterial	1152	847	1999	700	3	2100	0.55	0.40	0.48	0.45	0.60	0.52
Gardiner Expy (Core)	Expressway	4885	4629	9514	1800	3	5400	0.90	0.86	0.88	0.10	0.14	0.12
Gardiner Expy (Collector)	Expressway	3960	3062	7022	1800	2	3600	1.10	0.85	0.98	-0.10	0.15	0.02
Evans Ave	Major Arterial	1068	694	1762	700	2	1050	1.02	0.66	0.84	-0.02	0.34	0.16
Hornet Ave	Minor Arterial	383	379	762	650	1	325	1.18	1.17	1.17	-0.18	-0.17	-0.17
Lakeshore Blvd	Major Arterial	954	676	1630	700	2	1400	0.68	0.48	0.58	0.32	0.52	0.42
TOTAL		15517	12620	28137			18675	0.83	0.68	0.75	0.17	0.32	0.25
Screenline B - West of Islington													
Bloor St	Major Arterial	901	864	1765	700	2	1400	0.64	0.62	0.63	0.36	0.38	0.37
The Queensway	Major Arterial	1332	1094	2426	700	3	1750	0.76	0.63	0.69	0.24	0.37	0.31
Gardiner Expy (Core)	Expressway	5225	5454	10679	1800	3	5400	0.97	1.01	0.99	0.03	-0.01	0.01
Gardiner Expy (Collector)	Expressway	4128	2027	6155	1800	2	3600	1.15	0.56	0.85	-0.15	0.44	0.15
Evans Ave	Major Arterial	533	774	1307	700	2	1050	0.51	0.74	0.62	0.49	0.26	0.38
Lakeshore Blvd	Major Arterial	703	456	1159	700	2	1050	0.67	0.43	0.55	0.33	0.57	0.45
TOTAL		12822	10669	23491			14250	0.90	0.75	0.82	0.10	0.25	0.18
Screenline C - West of Royal York													
Bloor St	Major Arterial	1003	1260	2263	700	2	1050	0.96	1.20	1.08	0.04	-0.20	-0.08
The Queensway	Major Arterial	1241	958	2199	700	2	1050	1.18	0.91	1.05	-0.18	0.09	-0.05
Gardiner Expy (Core)	Expressway	4585	5454	10039	1800	3	5400	0.85	1.01	0.93	0.15	-0.01	0.07
Gardiner Expy (Collector)	Expressway	2743	1988	4731	1800	2	3600	0.76	0.55	0.66	0.24	0.45	0.34
Evans Ave	Minor Arterial	401	475	876	650	2	975	0.41	0.49	0.45	0.59	0.51	0.55
Lakeshore Blvd	Major Arterial	671	357	1028	700	2	1050	0.64	0.34	0.49	0.36	0.66	0.51
TOTAL		10644	10492	21136			13125	0.81	0.80	0.81	0.19	0.20	0.19
Screenline D - West of Park Lawn													
Bloor St	Major Arterial	1153	1202	2355	700	2	1050	1.10	1.14	1.12	-0.10	-0.14	-0.12
The Queensway	Major Arterial	1273	580	1853	700	2	1050	1.21	0.55	0.88	-0.21	0.45	0.12
Gardiner Expy	Expressway	7328	7442	14770	1800	4	7200	1.02	1.03	1.03	-0.02	-0.03	-0.03
Lakeshore Blvd	Major Arterial	1266	475	1741	700	2	1400	0.90	0.34	0.62	0.10	0.66	0.38
TOTAL		11020	9699	20719			10700	1.03	0.91	0.97	-0.03	0.09	0.03
East-West Screenlines													
Screenline E - North of Lake Shore													
Kipling Ave	Major Arterial	184	349	533	700	2	1400	0.13	0.25	0.19	0.87	0.75	0.81
Islington Ave	Major Arterial	210	191	401	700	2	1400	0.15	0.14	0.14	0.85	0.86	0.86
Royal York	Minor Arterial	115	160	275	650	1	650	0.18	0.25	0.21	0.82	0.75	0.79
TOTAL		509	700	1209			3450	0.15	0.20	0.18	0.85	0.80	0.82
Screenline F - South of Evans													
Kipling Ave	Major Arterial	757	951	1708	700	2	1400	0.54	0.68	0.61	0.46	0.32	0.39
Islington Ave	Major Arterial	549	675	1224	700	2	1400	0.39	0.48	0.44	0.61	0.52	0.56
Royal York	Minor Arterial	695	598	1293	650	1	650	1.07	0.92	0.99	-0.07	0.08	0.01
TOTAL		2001	2224	4225			3450	0.58	0.64	0.61	0.42	0.36	0.39
Screenline G - North of The Queensway													
The East Mall	Minor Arterial	594	722	1316	650	2	975	0.61	0.74	0.67	0.39	0.26	0.33
Kipling Ave	Major Arterial	873	937	1810	700	2	1050	0.83	0.89	0.86	0.17	0.11	0.14
Islington Ave	Major Arterial	1003	1107	2110	700	2	1400	0.72	0.79	0.75	0.28	0.21	0.25
Royal York	Minor Arterial	496	715	1211	650	1	650	0.76	1.10	0.93	0.24	-0.10	0.07
TOTAL		2966	3481	6447			4075	0.73	0.85	0.79	0.27	0.15	0.21
Screenline H - South of Bloor													
Kipling Ave	Major Arterial	683	1831	2514	700	2	1400	0.49	1.31	0.90	0.51	-0.31	0.10
Islington Ave	Major Arterial	1053	1271	2324	700	2	1400	0.75	0.91	0.83	0.25	0.09	0.17
Royal York	Minor Arterial	814	760	1574	650	1	650	1.25	1.17	1.21	-0.25	-0.17	-0.21
TOTAL		2550	3862	6412			3450	0.74	1.12	0.93	0.26	-0.12	0.07

Area 2 & 3 - Park Lawn to Parkside Drive													
Screenline	Classification	Volume			Lane Capacity	No. of Lanes	Total Capacity ¹ (per direction)	v/c			Spare Capacity		
		EB/NB	WB/SB	TOTAL				EB/NB	WB/SB	TOTAL	EB/NB	WB/SB	TOTAL
North-South Screenlines													
Screenline A - West of South Kingsway													
Bloor St	Major Arterial	1076	684	1760	700	2	1400	0.77	0.49	0.63	0.23	0.51	0.37
The Queensway	Major Arterial	2234	1024	3258	700	2	1400	1.60	0.73	1.16	-0.60	0.27	-0.16
Gardiner Expy	Expressway	4349	4767	9116	1800	3	5400	0.81	0.88	0.84	0.19	0.12	0.16
Lakeshore Blvd	Major Arterial	3761	1902	5663	700	3	2100	1.79	0.91	1.35	-0.79	0.09	-0.35
TOTAL		11420	8377	19797			10300	1.11	0.81	0.96	-0.11	0.19	0.04
Screenline B - West of Parkside													
Bloor St	Major Arterial	1180	685	1865	700	2	1400	0.84	0.49	0.67	0.16	0.51	0.33
The Queensway	Major Arterial	1154	820	1974	700	2	1400	0.82	0.59	0.71	0.18	0.41	0.30
Gardiner Expy	Expressway	5534	5509	11043	1800	3	5400	1.02	1.02	1.02	-0.02	-0.02	-0.02
Lakeshore Blvd	Major Arterial	4028	1377	5405	700	3	2100	1.92	0.66	1.29	-0.92	0.34	-0.29
TOTAL		11896	8391	20287			10300	1.15	0.81	0.98	-0.15	0.19	0.02
East-West Screenlines													
Screenline C - North of The Queensway													
Park Lawn	Collector	250	547	797	600	1	300	0.83	1.82	1.33	0.17	-0.82	-0.33
S. Kingsway	Minor Arterial	610	1589	2199	650	1	650	0.94	2.44	1.69	0.06	-1.44	-0.69
Wendermere Ave	Collector	312	369	681	600	1	300	1.04	1.23	1.14	-0.04	-0.23	-0.14
Parkside Dr	Major Arterial	914	1244	2158	700	2	1400	0.65	0.89	0.77	0.35	0.11	0.23
TOTAL		2086	3749	5835			2650	0.79	1.41	1.10	0.21	-0.41	-0.10
Screenline D - South of Bloor													
Prince Edward Dr	Collector	742	556	1298	600	1	300	2.47	1.85	2.16	-1.47	-0.85	-1.16
S. Kingsway	Minor Arterial	589	838	1427	650	1	650	0.91	1.29	1.10	0.09	-0.29	-0.10
Wendermere Ave	Collector	385	379	764	600	1	300	1.28	1.26	1.27	-0.28	-0.26	-0.27
Parkside Dr	Major Arterial	688	1358	2046	700	2	1050	0.66	1.29	0.97	0.34	-0.29	0.03
TOTAL		2404	3131	5535			2300	1.05	1.36	1.20	-0.05	-0.36	-0.20

Area 4 & 5 - East of Parkside to West of Spadina													
Screenline	Classification	Volume			Lane Capacity	No. of Lanes	Total Capacity ¹ (per direction)	v/c			Spare Capacity		
		EB/NB	WB/SB	TOTAL				EB/NB	WB/SB	TOTAL	EB/NB	WB/SB	TOTAL
North-South Screenlines													
Screenline A - West of Jameson													
Queen St	Major Arterial	779	635	1414	700	2	1050	0.74	0.60	0.67	0.26	0.40	0.33
King St	Major Arterial	496	69	565	700	2	700	0.71	0.10	0.40	0.29	0.90	0.60
Gardiner Expy	Expressway	4434	5046	9480	1800	3	5400	0.82	0.93	0.88	0.18	0.07	0.12
Lakeshore Blvd ¹	Major Arterial	3227	1038	4265	700	3	2100	1.54	0.49	1.02	-0.54	0.51	-0.02
TOTAL		8936	6788	15724			9250	0.97	0.73	0.85	0.03	0.27	0.15
Screenline B - West of Dufferin													
Queen St	Major Arterial	755	321	1076	700	2	1050	0.72	0.31	0.51	0.28	0.69	0.49
King St	Major Arterial	739	372	1111	700	2	1050	0.70	0.35	0.53	0.30	0.65	0.47
Gardiner Expy	Expressway	6398	5568	11966	1800	3	5400	1.18	1.03	1.11	-0.18	-0.03	-0.11
Lakeshore Blvd	Major Arterial	3227	1038	4265	700	3	2100	1.54	0.49	1.02	-0.54	0.51	-0.02
T													

Area 6 & 7 - Spadina to East of DVP

Screenline	Classification	Volume			Lane Capacity	No. of Lanes	Total Capacity ¹ (per direction)	v/c			Spare Capacity		
		EB/NB	WB/SB	TOTAL				EB/NB	WB/SB	TOTAL	EB/NB	WB/SB	TOTAL
North-South Screenlines													
<i>Screenline A - West of York</i>													
Queen St	Major Arterial	430	601	1031	700	2	1050	0.41	0.57	0.49	0.59	0.43	0.51
Richmond St	Major Arterial	0	1136	1136	700	2	1400	0.00	0.81	0.41	1.00	0.19	0.59
Adelaide St	Major Arterial	1267	0	1267	700	2	1050	1.21	0.00	0.60	-0.21	1.00	0.40
King St	Major Arterial	449	423	872	700	2	1050	0.43	0.40	0.42	0.57	0.60	0.58
Front St	Minor Arterial	885	251	1136	650	2	975	0.91	0.26	0.58	0.09	0.74	0.42
Gardiner Expy	Expressway	4851	4617	9468	1800	3	5400	0.90	0.86	0.88	0.10	0.15	0.12
Lakeshore Blvd	Major Arterial	1144	555	1699	700	3	1750	0.65	0.32	0.49	0.35	0.68	0.51
Queens Quay	Minor Arterial	669	449	1118	650	2	1300	0.51	0.35	0.43	0.49	0.65	0.57
TOTAL		9695	8032	17727			13975	0.69	0.57	0.63	0.31	0.43	0.37
<i>Screenline B - West of Bay</i>													
Front St	Minor Arterial	444	475	919	650	2	975	0.46	0.49	0.47	0.54	0.51	0.53
Gardiner Expy	Expressway	3633	4800	8433	1800	3	5400	0.67	0.89	0.78	0.33	0.11	0.22
Lakeshore Blvd / Harbour St	Major Arterial	2412	1367	3779	700	3	1750	1.38	0.78	1.08	-0.38	0.22	-0.08
Queens Quay	Minor Arterial	598	639	1237	650	2	1300	0.46	0.49	0.48	0.54	0.51	0.52
TOTAL		7087	7281	14368			9425	0.75	0.77	0.76	0.25	0.23	0.24
<i>Screenline C - West of Yonge</i>													
Front St	Minor Arterial	525	280	805	650	2	975	0.54	0.29	0.41	0.46	0.71	0.59
Gardiner Expy	Expressway	3633	4800	8433	1800	3	5400	0.67	0.89	0.78	0.33	0.11	0.22
Lakeshore Blvd / Harbour St	Major Arterial	1947	1504	3451	700	3	2100	0.93	0.72	0.82	0.07	0.28	0.18
Queens Quay	Minor Arterial	642	574	1216	650	2	1300	0.49	0.44	0.47	0.51	0.56	0.53
TOTAL		6747	7158	13905			9775	0.69	0.73	0.71	0.31	0.27	0.29
<i>Screenline D - West of Jarvis</i>													
Dundas St	Major Arterial	360	598	958	700	2	700	0.51	0.85	0.68	0.49	0.15	0.32
Queen St	Major Arterial	286	547	833	700	2	1050	0.27	0.52	0.40	0.73	0.48	0.60
Richmond St	Major Arterial	0	2114	2114	700	2	1400	0.00	1.51	0.76	1.00	-0.51	0.25
Adelaide St	Major Arterial	712	0	712	700	2	1050	0.68	0.00	0.34	0.32	1.00	0.66
King St	Major Arterial	240	649	889	700	2	1050	0.23	0.62	0.42	0.77	0.38	0.58
Front St	Minor Arterial	428	1216	1644	650	2	975	0.44	1.25	0.84	0.56	-0.25	0.16
Gardiner Expy	Expressway	3815	3046	6861	1800	3	5400	0.71	0.56	0.64	0.29	0.44	0.36
Lakeshore Blvd	Major Arterial	701	674	1375	700	3	1750	0.40	0.39	0.39	0.60	0.61	0.61
Queens Quay	Minor Arterial	554	627	1181	650	2	975	0.57	0.64	0.61	0.43	0.36	0.39
TOTAL		7096	9471	16567			14350	0.49	0.66	0.58	0.51	0.34	0.42
<i>Screenline E - West of Sherbourne</i>													
Dundas St	Major Arterial	354	667	1021	700	2	700	0.51	0.95	0.73	0.49	0.05	0.27
Queen St	Major Arterial	252	660	912	700	2	700	0.36	0.94	0.65	0.64	0.06	0.35
Richmond St	Major Arterial	0	2212	2212	700	2	1400	0.00	1.58	0.79	1.00	-0.58	0.21
Adelaide St	Major Arterial	692	0	692	700	2	700	0.99	0.00	0.49	0.01	1.00	0.51
King St	Major Arterial	196	395	591	700	2	1050	0.19	0.38	0.28	0.81	0.62	0.72
Front St	Minor Arterial	330	962	1292	650	2	975	0.34	0.99	0.66	0.66	0.01	0.34
Gardiner Expy	Expressway	3937	4235	8172	1800	3	5400	0.73	0.78	0.76	0.27	0.22	0.24
Lakeshore Blvd	Major Arterial	681	672	1353	700	3	1400	0.49	0.48	0.48	0.51	0.52	0.52
Queens Quay	Minor Arterial	264	714	978	650	2	1300	0.20	0.55	0.38	0.80	0.45	0.62
TOTAL		6706	10517	17223			13625	0.49	0.77	0.63	0.51	0.23	0.37
<i>Screenline F - West of Parliament</i>													
Dundas St	Major Arterial	348	570	918	700	2	700	0.50	0.81	0.66	0.50	0.19	0.34
Queen St	Major Arterial	236	471	707	700	2	1050	0.22	0.45	0.34	0.78	0.55	0.66
Richmond St	Major Arterial	0	1807	1807	700	2	1400	0.00	1.29	0.65	1.00	-0.29	0.35
Adelaide St	Major Arterial	663	0	663	700	2	1050	0.63	0.00	0.32	0.37	1.00	0.68
King St	Major Arterial	285	529	814	700	2	1050	0.27	0.50	0.39	0.73	0.50	0.61
Front St	Minor Arterial	330	1032	1362	650	2	975	0.34	1.06	0.70	0.66	-0.06	0.30
Gardiner Expy	Expressway	4525	4235	8760	1800	3	5400	0.84	0.78	0.81	0.16	0.22	0.19
Lakeshore Blvd	Major Arterial	369	710	1079	700	3	1750	0.21	0.41	0.31	0.79	0.59	0.69
TOTAL		6756	9354	16110			13375	0.51	0.70	0.60	0.49	0.30	0.40
<i>Screenline G - West of DVP</i>													
Dundas St	Major Arterial	558	716	1274	700	2	1400	0.40	0.51	0.46	0.60	0.49	0.55
Queen St	Major Arterial	688	726	1414	700	2	1400	0.49	0.52	0.51	0.51	0.48	0.50
Eastern Ave	Major Arterial	657	1039	1696	700	2	1400	0.47	0.74	0.61	0.53	0.26	0.39
Gardiner Expy	Expressway	4525	5250	9775	1800	3	5400	0.84	0.97	0.91	0.16	0.03	0.09
Lakeshore Blvd	Major Arterial	146	792	938	700	3	2100	0.07	0.38	0.22	0.93	0.62	0.78
TOTAL		6574	8523	15097			11700	0.56	0.73	0.65	0.44	0.27	0.35
<i>Screenline H - West of Carlaw</i>													
Dundas St	Minor Arterial	271	863	1134	650	1	325	0.83	2.66	1.74	0.17	-1.66	-0.74
Queen St	Minor Arterial	385	705	1090	650	2	650	0.59	1.08	0.84	0.41	-0.08	0.16
Eastern Ave	Major Arterial	387	968	1355	700	1	350	1.11	2.77	1.94	-0.11	-1.77	-0.94
Lakeshore Blvd	Major Arterial	1188	2808	3996	700	3	2100	0.57	1.34	0.95	0.43	-0.34	0.05
TOTAL		2231	5344	7575			3425	0.65	1.56	1.11	0.35	-0.56	-0.11
East-West Screenlines													
<i>Screenline I - North of Gardiner</i>													
Spadina Ave	Major Arterial	1620	1189	2809	700	3	2100	0.77	0.57	0.67	0.23	0.43	0.33
York St	Major Arterial	1115	255	1370	700	2	1400	0.80	0.18	0.49	0.20	0.82	0.51
Bay St	Major Arterial	541	411	952	700	2	1400	0.39	0.29	0.34	0.61	0.71	0.66
Young St	Major Arterial	1156	267	1423	700	2	1400	0.83	0.19	0.51	0.17	0.81	0.49
Jarvis St	Major Arterial	567	681	1248	700	2	1400	0.41	0.49	0.45	0.60	0.51	0.55
Sherbourne St	Minor Arterial	520	676	1196	650	1	650	0.80	1.04	0.92	0.20	-0.04	0.08
Parliament St	Minor Arterial	603	496	1099	650	2	1300	0.46	0.38	0.42	0.54	0.62	0.58
DVP	Expressway	3081	3613	6694	1800	2	3600	0.86	1.00	0.93	0.14	0.00	0.07
Carlaw Ave	Minor Arterial	592	465	1057	650	2	1300	0.46	0.36	0.41	0.54	0.64	0.59
TOTAL		9795	8053	17848			14550	0.67	0.55	0.61	0.33	0.45	0.39
<i>Screenline J - North of Front</i>													
Spadina Ave	Major Arterial	697	1054	1751	700	3	1750	0.40	0.60	0.50	0.60	0.40	0.50
University Ave	Major Arterial	887	596	1483	700	2	1400	0.63	0.43	0.53	0.37	0.57	0.47
Bay St	Major Arterial	1029	435	1464	700	2	1050	0.98	0.41	0.70	0.02	0.59	0.30
Young St	Major Arterial	966	336	1302	700	2	1050	0.92	0.32	0.62	0.08	0.68	0.38
Jarvis St	Major Arterial	601	538	1139	700	2	700	0.86	0.77	0.81	0.14	0.23	0.19
Sherbourne St	Minor Arterial	343	283	626	650	1	325	1.06	0.87	0.96	-0.06	0.13	0.04
Parliament St	Minor Arterial	468	347	815	650	2	650	0.72	0.53	0.63	0.28	0.47	0.37
DVP	Expressway	3501	2886	6387	1800	2	3600	0.97	0.80	0.89	0.03	0.20	0.11
Carlaw Ave	Minor Arterial	367	563	930	650	2	650	0.56	0.87	0.72	0.44	0.13	0.28
TOTAL		8859	7038	15897			11175	0.79	0.63	0.71	0.21	0.37	0.29
<i>Screenline K - North of Queen</i>													
Spadina Ave	Major Arterial	789	1058	1847	700	2	1050	0.75	1.01	0.88	0.25	-0.01	0.12
University Ave	Major Arterial	1556	1619	3175	700	4	2450	0.64	0.66	0.65	0.36	0.34	0.35
Jarvis St	Major Arterial	811	1116	1927	700	2	1050						

GARDINER STRATEGIC PLAN

TABLE A2 - SCREENLINE SUMMARY (PM PEAK HOUR)

Area 1 - Hwy 427 to West of Park Lawn													
Screenline	Classification	Volume			Lane Capacity	No. of Lanes (per direction)	Total Capacity ¹ (per direction)	v/c			Spare Capacity		
		EB/NB	WB/SB	TOTAL				EB/NB	WB/SB	TOTAL	EB/NB	WB/SB	TOTAL
North-South Screenlines													
Screenline A - West of Kipling													
Bloor St	Major Arterial	1128	215	1343	700	2	1400	0.81	0.15	0.48	0.19	0.85	0.52
Dundas St	Major Arterial	1736	2085	3821	700	3	2100	0.83	0.99	0.91	0.17	0.01	0.09
N. Queen St	Minor Arterial	683	554	1237	650	2	1300	0.53	0.43	0.48	0.47	0.57	0.52
The Queensway	Major Arterial	1208	1652	2860	700	3	2100	0.58	0.79	0.68	0.42	0.21	0.32
Gardiner Expy (Core)	Expressway	5144	4910	10054	1800	3	5400	0.95	0.91	0.93	0.05	0.09	0.07
Gardiner Expy (Collector)	Expressway	3120	4130	7250	1800	2	3600	0.87	1.15	1.01	0.13	-0.15	-0.01
Evans Ave	Major Arterial	757	1210	1967	700	2	1050	0.72	1.15	0.94	0.28	-0.15	0.06
Hornet Ave	Minor Arterial	414	399	813	650	1	325	1.27	1.23	1.25	-0.27	-0.23	-0.25
Lakeshore Blvd	Major Arterial	494	901	1395	700	2	1400	0.35	0.64	0.50	0.65	0.36	0.50
TOTAL		14684	16056	30740			18675	0.79	0.86	0.82	0.21	0.14	0.18
Screenline B - West of Islington													
Bloor St	Major Arterial	1100	1014	2114	700	2	1400	0.79	0.72	0.76	0.21	0.28	0.25
The Queensway	Major Arterial	1822	1741	3563	700	3	1750	1.04	0.99	1.02	-0.04	0.01	-0.02
Gardiner Expy (Core)	Expressway	5144	6111	11255	1800	3	5400	0.95	1.13	1.04	0.05	-0.13	-0.04
Gardiner Expy (Collector)	Expressway	3731	3294	7025	1800	2	3600	1.04	0.92	0.98	-0.04	0.09	0.02
Evans Ave	Major Arterial	801	546	1347	700	2	1050	0.76	0.52	0.64	0.24	0.48	0.36
Lakeshore Blvd	Major Arterial	449	827	1276	700	2	1050	0.43	0.79	0.61	0.57	0.21	0.39
TOTAL		13047	13533	26580			14250	0.92	0.95	0.93	0.08	0.05	0.07
Screenline C - West of Royal York													
Bloor St	Major Arterial	1213	1229	2442	700	2	1050	1.16	1.17	1.16	-0.16	-0.17	-0.16
The Queensway	Major Arterial	1238	1264	2502	700	2	1050	1.18	1.20	1.19	-0.18	-0.20	-0.19
Gardiner Expy (Core)	Expressway	5144	5674	10818	1800	3	5400	0.95	1.05	1.00	0.05	-0.05	0.00
Gardiner Expy (Collector)	Expressway	2358	3114	5472	1800	2	3600	0.66	0.87	0.76	0.35	0.14	0.24
Evans Ave	Minor Arterial	505	370	875	650	2	975	0.52	0.38	0.45	0.48	0.62	0.55
Lakeshore Blvd	Major Arterial	478	859	1337	700	2	1050	0.46	0.82	0.64	0.54	0.18	0.36
TOTAL		10936	12510	23446			13125	0.83	0.95	0.89	0.17	0.05	0.11
Screenline D - West of Park Lawn													
Bloor St	Major Arterial	1010	1083	2093	700	2	1050	0.96	1.03	1.00	0.04	-0.03	0.00
The Queensway	Major Arterial	679	1309	1988	700	2	1050	0.65	1.25	0.95	0.35	-0.25	0.05
Gardiner Expy	Expressway	7502	8788	16290	1800	4	7200	1.04	1.22	1.13	-0.04	-0.22	-0.13
Lakeshore Blvd	Major Arterial	641	1232	1873	700	2	1400	0.46	0.88	0.67	0.54	0.12	0.33
TOTAL		9832	12412	22244			10700	0.92	1.16	1.04	0.08	-0.16	-0.04
East-West Screenlines													
Screenline E - North of Lake Shore													
Kipling Ave	Major Arterial	289	237	526	700	2	1400	0.21	0.17	0.19	0.79	0.83	0.81
Islington Ave	Major Arterial	269	238	507	700	2	1400	0.19	0.17	0.18	0.81	0.83	0.82
Royal York	Minor Arterial	125	238	363	650	1	650	0.19	0.37	0.28	0.81	0.63	0.72
TOTAL		683	713	1396			3450	0.20	0.21	0.20	0.80	0.79	0.80
Screenline F - South of Evans													
Kipling Ave	Major Arterial	957	1098	2055	700	2	1400	0.68	0.78	0.73	0.32	0.22	0.27
Islington Ave	Major Arterial	830	616	1446	700	2	1400	0.59	0.44	0.52	0.41	0.56	0.48
Royal York	Minor Arterial	501	659	1160	650	1	650	0.77	1.01	0.89	0.23	-0.01	0.11
TOTAL		2288	2373	4661			3450	0.66	0.69	0.68	0.34	0.31	0.32
Screenline G - North of The Queensway													
The East Mall	Minor Arterial	508	712	1220	650	2	975	0.52	0.73	0.63	0.48	0.27	0.37
Kipling Ave	Major Arterial	1013	1207	2220	700	2	1050	0.96	1.15	1.06	0.04	-0.15	-0.06
Islington Ave	Major Arterial	1212	1306	2518	700	2	1400	0.87	0.93	0.90	0.13	0.07	0.10
Royal York	Minor Arterial	785	669	1454	650	1	650	1.21	1.03	1.12	-0.21	-0.03	-0.12
TOTAL		3518	3894	7412			4075	0.86	0.96	0.91	0.14	0.04	0.09
Screenline H - South of Bloor													
Kipling Ave	Major Arterial	1275	1524	2799	700	2	1400	0.91	1.09	1.00	0.09	-0.09	0.00
Islington Ave	Major Arterial	1110	1108	2218	700	2	1400	0.79	0.79	0.79	0.21	0.21	0.21
Royal York	Minor Arterial	756	886	1642	650	1	650	1.16	1.36	1.26	-0.16	-0.36	-0.26
TOTAL		3141	3518	6659			3450	0.91	1.02	0.97	0.09	-0.02	0.03

Area 2 & 3 - Park Lawn to Parkside Drive													
Screenline	Classification	Volume			Lane Capacity	No. of Lanes	Total Capacity ¹ (per direction)	v/c			Spare Capacity		
		EB/NB	WB/SB	TOTAL				EB/NB	WB/SB	TOTAL	EB/NB	WB/SB	TOTAL
North-South Screenlines													
Screenline A - West of South Kingsway													
Bloor St	Major Arterial	687	1032	1719	700	2	1400	0.49	0.74	0.61	0.51	0.26	0.39
The Queensway	Major Arterial	1181	1632	2813	700	2	1400	0.84	1.17	1.00	0.16	-0.17	0.00
Gardiner Expy	Expressway	4900	5220	10120	1800	3	5400	0.91	0.97	0.94	0.09	0.03	0.06
Lakeshore Blvd	Major Arterial	2063	4256	6319	700	3	2100	0.98	2.03	1.50	0.02	-1.03	-0.50
TOTAL		8831	12140	20971			10300	0.86	1.18	1.02	0.14	-0.18	-0.02
Screenline B - West of Parkside													
Bloor St	Major Arterial	740	1051	1791	700	2	1400	0.53	0.75	0.64	0.47	0.25	0.36
The Queensway	Major Arterial	732	1543	2275	700	2	1400	0.52	1.10	0.81	0.48	-0.10	0.19
Gardiner Expy	Expressway	5448	6173	11621	1800	3	5400	1.01	1.14	1.08	-0.01	-0.14	-0.08
Lakeshore Blvd	Major Arterial	2291	2424	4715	700	3	2100	1.09	1.15	1.12	-0.09	-0.15	-0.12
TOTAL		9211	11191	20402			10300	0.89	1.09	0.99	0.11	-0.09	0.01
East-West Screenlines													
Screenline C - North of The Queensway													
Park Lawn	Collector	497	316	813	600	1	300	1.66	1.05	1.36	-0.66	-0.05	-0.36
S. Kingsway	Minor Arterial	1204	710	1914	650	1	650	1.85	1.09	1.47	-0.85	-0.09	-0.47
Wendermere Ave	Collector	559	340	899	600	1	300	1.86	1.13	1.50	-0.86	-0.13	-0.50
Parkside Dr	Major Arterial	1440	878	2318	700	2	1400	1.03	0.63	0.83	-0.03	0.37	0.17
TOTAL		3700	2244	5944			2650	1.40	0.85	1.12	-0.40	0.15	-0.12
Screenline D - South of Bloor													
Prince Edward Dr	Collector	572	714	1286	600	1	300	1.91	2.38	2.14	-0.91	-1.38	-1.14
S. Kingsway	Minor Arterial	760	495	1255	650	1	650	1.17	0.76	0.97	-0.17	0.24	0.03
Wendermere Ave	Collector	321	372	693	600	1	300	1.07	1.24	1.16	-0.07	-0.24	-0.16
Parkside Dr	Major Arterial	977	900	1877	700	2	1050	0.93	0.86	0.89	0.07	0.14	0.11
TOTAL		2630	2481	5111			2300	1.14	1.08	1.11	-0.14	-0.08	-0.11

Area 4 & 5 - East of Parkside to West of Spadina													
Screenline	Classification	Volume			Lane Capacity	No. of Lanes	Total Capacity ¹ (per direction)	v/c			Spare Capacity		
		EB/NB	WB/SB	TOTAL				EB/NB	WB/SB	TOTAL	EB/NB	WB/SB	TOTAL
North-South Screenlines													
Screenline A - West of Jameson													
Queen St	Major Arterial	426	871	1297	700	2	1050	0.41	0.83	0.62	0.59	0.17	0.38
King St	Major Arterial	376	388	764	700	2	700	0.54	0.55	0.55	0.46	0.45	0.45
Gardiner Expy	Expressway	4365	5654	10019	1800	3	5400	0.81	1.05	0.93	0.19	-0.05	0.07
Lakeshore Blvd ¹	Major Arterial	1769	1644	3413	700	3	2100	0.84	0.78	0.81	0.16	0.22	0.19
TOTAL		6936	8557	15493			9250	0.75	0.93	0.84	0.25	0.07	0.16
Screenline B - West of Dufferin													
Queen St	Major Arterial	409	734	1143	700	2	1050	0.39	0.70	0.54	0.61	0.30	0.46
King St	Major Arterial	417	866	1283	700	2	1050	0.40	0.82	0.61	0.60	0.18	0.39
Gardiner Expy	Expressway	5421	6356	11777	1800	3	5400	1.00	1.18	1.09	0.00	-0.18	-0.09
Lakeshore Blvd	Major Arterial	1769	1644	3413	700	3	2100	0.84	0.78	0.81	0.16	0.22	0.19

Area 6 & 7 - Spadina to East of DVP

Screenline	Classification	Volume			Lane Capacity	No. of Lanes	Total Capacity ¹ (per direction)	v/c			Spare Capacity		
		EB/NB	WB/SB	TOTAL				EB/NB	WB/SB	TOTAL	EB/NB	WB/SB	TOTAL
North-South Screenlines													
<i>Screenline A - West of York</i>													
Queen St	Major Arterial	413	845	1258	700	2	1050	0.39	0.80	0.60	0.61	0.20	0.40
Richmond St	Major Arterial	0	1463	1463	700	2	1400	0.00	1.05	0.52	1.00	-0.04	0.48
Adelaide St	Major Arterial	1296	0	1296	700	2	1050	1.23	0.00	0.62	-0.23	1.00	0.38
King St	Major Arterial	459	563	1022	700	2	1050	0.44	0.54	0.49	0.56	0.46	0.51
Front St	Minor Arterial	1038	218	1256	650	2	975	1.06	0.22	0.64	-0.06	0.78	0.36
Gardiner Expy	Expressway	4502	4015	8517	1800	3	5400	0.83	0.74	0.79	0.17	0.26	0.21
Lakeshore Blvd	Major Arterial	828	974	1802	700	3	1750	0.47	0.56	0.51	0.53	0.44	0.49
Queens Quay	Minor Arterial	523	668	1191	650	2	1300	0.40	0.51	0.46	0.60	0.49	0.54
TOTAL		9059	8746	17805			13975	0.65	0.63	0.64	0.35	0.37	0.36
<i>Screenline B - West of Bay</i>													
Front St	Minor Arterial	708	554	1262	650	2	975	0.73	0.57	0.65	0.27	0.43	0.35
Gardiner Expy	Expressway	3780	4444	8224	1800	3	5400	0.70	0.82	0.76	0.30	0.18	0.24
Lakeshore Blvd / Harbour St	Major Arterial	1950	2007	3957	700	3	1750	1.11	1.15	1.13	-0.11	-0.15	-0.13
Queens Quay	Minor Arterial	561	615	1176	650	2	1300	0.43	0.47	0.45	0.57	0.53	0.55
TOTAL		6999	7620	14619			9425	0.74	0.81	0.78	0.26	0.19	0.22
<i>Screenline C - West of Yonge</i>													
Front St	Minor Arterial	783	254	1037	650	2	975	0.80	0.26	0.53	0.20	0.74	0.47
Gardiner Expy	Expressway	3780	4444	8224	1800	3	5400	0.70	0.82	0.76	0.30	0.18	0.24
Lakeshore Blvd / Harbour St	Major Arterial	1668	2263	3931	700	3	2100	0.79	1.08	0.94	0.21	-0.08	0.06
Queens Quay	Minor Arterial	627	797	1424	650	2	1300	0.48	0.61	0.55	0.52	0.39	0.45
TOTAL		6858	7758	14616			9775	0.70	0.79	0.75	0.30	0.21	0.25
<i>Screenline D - West of Jarvis</i>													
Dundas St	Major Arterial	715	389	1104	700	2	700	1.02	0.56	0.79	-0.02	0.44	0.21
Queen St	Major Arterial	493	343	836	700	2	1050	0.47	0.33	0.40	0.53	0.67	0.60
Richmond St	Major Arterial	0	1519	1519	700	2	1400	0.00	1.09	0.54	1.00	-0.09	0.46
Adelaide St	Major Arterial	1601	0	1601	700	2	1050	1.52	0.00	0.76	-0.52	1.00	0.24
King St	Major Arterial	545	671	1216	700	2	1050	0.52	0.64	0.58	0.48	0.36	0.42
Front St	Minor Arterial	1117	705	1822	650	2	975	1.15	0.72	0.93	-0.15	0.28	0.07
Gardiner Expy	Expressway	4137	2644	6781	1800	3	5400	0.77	0.49	0.63	0.23	0.51	0.37
Lakeshore Blvd	Major Arterial	1367	1088	2455	700	3	1750	0.78	0.62	0.70	0.22	0.38	0.30
Queens Quay	Minor Arterial	815	430	1245	650	2	975	0.84	0.44	0.64	0.16	0.56	0.36
TOTAL		10790	7789	18579			14350	0.75	0.54	0.65	0.25	0.46	0.35
<i>Screenline E - West of Sherbourne</i>													
Dundas St	Major Arterial	702	420	1122	700	2	700	1.00	0.60	0.80	0.00	0.40	0.20
Queen St	Major Arterial	647	303	950	700	2	700	0.92	0.43	0.68	0.08	0.57	0.32
Richmond St	Major Arterial	0	1133	1133	700	2	1400	0.00	0.81	0.40	1.00	0.19	0.60
Adelaide St	Major Arterial	1790	0	1790	700	2	700	2.56	0.00	1.28	-1.56	1.00	-0.28
King St	Major Arterial	455	370	825	700	2	1050	0.43	0.35	0.39	0.57	0.65	0.61
Front St	Minor Arterial	1014	566	1580	650	2	975	1.04	0.58	0.81	-0.04	0.42	0.19
Gardiner Expy	Expressway	4137	4102	8239	1800	3	5400	0.77	0.76	0.76	0.23	0.24	0.24
Lakeshore Blvd	Major Arterial	1367	1088	2455	700	3	1400	0.98	0.78	0.88	0.02	0.22	0.12
Queens Quay	Minor Arterial	544	481	1025	650	2	1300	0.42	0.37	0.39	0.58	0.63	0.61
TOTAL		10656	8463	19119			13625	0.78	0.62	0.70	0.22	0.38	0.30
<i>Screenline F - West of Parliament</i>													
Dundas St	Major Arterial	723	313	1036	700	2	700	1.03	0.45	0.74	-0.03	0.55	0.26
Queen St	Major Arterial	502	247	749	700	2	1050	0.48	0.24	0.36	0.52	0.76	0.64
Richmond St	Major Arterial	0	828	828	700	2	1400	0.00	0.59	0.30	1.00	0.41	0.70
Adelaide St	Major Arterial	1504	0	1504	700	2	1050	1.43	0.00	0.72	-0.43	1.00	0.28
King St	Major Arterial	421	328	749	700	2	1050	0.40	0.31	0.36	0.60	0.69	0.64
Front St	Minor Arterial	1073	316	1389	650	2	975	1.10	0.32	0.71	-0.10	0.68	0.29
Gardiner Expy	Expressway	4755	4102	8857	1800	3	5400	0.88	0.76	0.82	0.12	0.24	0.18
Lakeshore Blvd	Major Arterial	593	537	1130	700	3	1750	0.34	0.31	0.32	0.66	0.69	0.68
TOTAL		9571	6671	16242			13375	0.72	0.50	0.61	0.28	0.50	0.39
<i>Screenline G - West of DVP</i>													
Dundas St	Major Arterial	1284	644	1928	700	2	1400	0.92	0.46	0.69	0.08	0.54	0.31
Queen St	Major Arterial	1005	557	1562	700	2	1400	0.72	0.40	0.56	0.28	0.60	0.44
Eastern Ave	Major Arterial	1586	535	2121	700	2	1400	1.13	0.38	0.76	-0.13	0.62	0.24
Gardiner Expy	Expressway	4755	5085	9840	1800	3	5400	0.88	0.94	0.91	0.12	0.06	0.09
Lakeshore Blvd	Major Arterial	544	423	967	700	3	2100	0.26	0.20	0.23	0.74	0.80	0.77
TOTAL		9174	7244	16418			11700	0.78	0.62	0.70	0.22	0.38	0.30
<i>Screenline H - West of Carlaw</i>													
Dundas St	Minor Arterial	802	513	1315	650	1	325	2.47	1.58	2.02	-1.47	-0.58	-1.02
Queen St	Minor Arterial	899	503	1402	650	2	650	1.38	0.77	1.08	-0.38	0.23	-0.08
Eastern Ave	Major Arterial	980	429	1409	700	1	350	2.80	1.23	2.01	-1.80	-0.23	-1.01
Lakeshore Blvd	Major Arterial	3276	1039	4315	700	3	2100	1.56	0.49	1.03	-0.56	0.51	-0.03
TOTAL		5957	2484	8441			3425	1.74	0.73	1.23	-0.74	0.27	-0.23
East-West Screenlines													
<i>Screenline I - North of Gardiner</i>													
Spadina Ave	Major Arterial	1182	2020	3202	700	3	2100	0.56	0.96	0.76	0.44	0.04	0.24
York St	Major Arterial	656	278	934	700	2	1400	0.47	0.20	0.33	0.53	0.80	0.67
Bay St	Major Arterial	387	594	981	700	2	1400	0.28	0.42	0.35	0.72	0.58	0.65
Young St	Major Arterial	682	466	1148	700	2	1400	0.49	0.33	0.41	0.51	0.67	0.59
Jarvis St	Major Arterial	1017	853	1870	700	2	1400	0.73	0.61	0.67	0.27	0.39	0.33
Sherbourne St	Minor Arterial	1017	853	1870	650	1	650	1.56	1.31	1.44	-0.56	-0.31	-0.44
Parliament St	Minor Arterial	518	384	902	650	2	1300	0.40	0.30	0.35	0.60	0.70	0.65
DVP	Expressway	2971	3208	6179	1800	2	3600	0.83	0.89	0.86	0.17	0.11	0.14
Carlaw Ave	Minor Arterial	884	406	1290	650	2	1300	0.68	0.31	0.50	0.32	0.69	0.50
TOTAL		9314	9062	18376			14550	0.64	0.62	0.63	0.36	0.38	0.37
<i>Screenline J - North of Front</i>													
Spadina Ave	Major Arterial	499	820	1319	700	3	1750	0.29	0.47	0.38	0.71	0.53	0.62
University Ave	Major Arterial	723	1185	1908	700	2	1400	0.52	0.85	0.68	0.48	0.15	0.32
Bay St	Major Arterial	930	680	1610	700	2	1050	0.89	0.65	0.77	0.11	0.35	0.23
Young St	Major Arterial	625	608	1233	700	2	1050	0.60	0.58	0.59	0.40	0.42	0.41
Jarvis St	Major Arterial	800	544	1344	700	2	700	1.14	0.78	0.96	-0.14	0.22	0.04
Sherbourne St	Minor Arterial	488	409	897	650	1	325	1.50	1.26	1.38	-0.50	-0.26	-0.38
Parliament St	Minor Arterial	312	511	823	650	2	650	0.48	0.79	0.63	0.52	0.21	0.37
DVP	Expressway	3479	2759	6238	1800	2	3600	0.97	0.77	0.87	0.03	0.23	0.13
Carlaw Ave	Minor Arterial	571	482	1053	650	2	650	0.88	0.74	0.81	0.12	0.26	0.19
TOTAL		8427	7998	16425			11175	0.75	0.72	0.73	0.25	0.28	0.27
<i>Screenline K - North of Queen</i>													
Spadina Ave	Major Arterial	1251	1016	2267	700	2	1050	1.19	0.97	1.08	-0.19	0.03	-0.08
University Ave	Major Arterial	1849	1604	3453	700	4	2450	0.75	0.65	0.70	0.25	0.35	0.30
Jarvis St	Major Arterial	837	830	1667	700								

TABLE A3 - EASTBOUND QUEUING AND DELAY SUMMARY

CONTRACT	NO DIVERSION					20% DIVERSION					40% DIVERSION				
	Max Delay (min)	Max Queue (km)	Avg. Delay (min)	Avg. Queue (km)	Total Veh. Delay (veh-hrs)	Max Delay (min)	Max Queue (km)	Avg. Delay (min)	Avg. Queue (km)	Total Veh. Delay (veh-hrs)	Max Delay (min)	Max Queue (km)	Avg. Delay (min)	Avg. Queue (km)	Total Veh. Delay (veh-hrs)
CONTRACT G1	233	31.5	125	13.3	121,074	53	7.2	25	2.5	22,520	21	2.8	8	0.6	5,036
CONTRACT G2	123	16.6	65	6.0	53,655	30	4.0	14	0.9	8,102	17	2.3	6	0.3	2,271
CONTRACT G3	283	38.3	153	17.0	157,148	92	12.4	43	4.6	41,100	43	5.8	14	1.1	10,053
CONTRACT G4	346	46.7	187	21.8	206,428	140	18.8	64	7.6	67,770	37	4.9	15	1.4	12,555
CONTRACT G5	1290	174.2	377	84.0	604,800	582	78.5	205	38.6	329,670	170	22.9	57	9.7	86,572
CONTRACT E-M3 / CONTRACT E1	708	95.5	274	46.1	369,145	268	36.2	113	16.1	147,920	58	7.8	17	2.2	19,182
CONTRACT E3	708	95.5	274	46.1	369,145	268	36.2	113	16.1	147,920	58	7.8	17	2.2	19,182
CONTRACT E2 (1)	258	34.8	138	15.1	137,962	72	9.7	34	3.5	31,323	24	3.3	10	0.7	6,465
CONTRACT E2 (2)	6	0.8	4	0.1	818	6	0.8	5	0.1	545	6	0.8	5	0.1	545
CONTRACT E6	47	6.3	19	1.2	10,710	23	3.1	8	0.3	2,741	23	3.1	6	0.2	1,662
CONTRACT E5 / CONTRACT E4 (1)	107	14.4	49	4.5	39,870	37	5.0	15	1.0	9,286	35	4.7	11	0.5	4,414
CONTRACT E4 (2)	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

TABLE A4 - WESTBOUND QUEUING AND DELAY SUMMARY

CONTRACT	NO DIVERSION					20% DIVERSION					40% DIVERSION				
	Max Delay (min)	Max Queue (km)	Avg. Delay (min)	Avg. Queue (km)	Total Veh. Delay (veh-hrs)	Max Delay (min)	Max Queue (km)	Avg. Delay (min)	Avg. Queue (km)	Total Veh. Delay (veh-hrs)	Max Delay (min)	Max Queue (km)	Avg. Delay (min)	Avg. Queue (km)	Total Veh. Delay (veh-hrs)
CONTRACT G1	1688	227.9	429	109.0	759,497	903	121.9	259	59.1	459,146	297	40.2	99	18.4	168,658
CONTRACT G2	527	71.2	230	33.3	289,607	213	28.8	86	11.5	102,880	20	2.7	5	0.5	4,549
CONTRACT G3	754	101.8	282	48.3	382,828	298	40.3	123	17.6	161,475	41	5.5	12	1.6	14,449
CONTRACT G4	785	105.9	288	50.4	395,401	310	41.8	128	18.5	170,091	49	6.6	15	2.1	18,225
CONTRACT G5	1688	227.9	429	109.0	759,497	903	121.9	259	59.1	459,146	297	40.2	99	18.4	168,658
CONTRACT E-M3 / CONTRACT E1	878	118.5	306	56.4	432,839	344	46.4	143	21.1	196,455	74	9.9	23	3.4	29,924
CONTRACT E3	878	118.5	306	56.4	432,839	344	46.4	143	21.1	196,455	74	9.9	23	3.4	29,924
CONTRACT E2 (1)	407	54.9	200	25.4	240,176	168	22.7	66	8.5	75,249	37	4.9	16	1.6	14,058
CONTRACT E2 (2)	928	125.3	316	59.7	453,239	362	48.9	152	22.5	211,485	87	11.7	28	4.1	36,813
CONTRACT E6	47	6.3	28	2.0	17,451	21	2.8	9	0.4	3,837	19	2.6	8	0.2	1,972
CONTRACT E5 / CONTRACT E4 (1)	229	30.9	124	13.6	122,315	60	8.1	29	2.8	25,237	42	5.6	11	0.8	7,126
CONTRACT E4 (2)	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Notes:

Weekly Road User Costs are based on the Total Delay over 5 Weekdays and 2 Weekend Days (75% of Daily Delay)

Queue still present after 24 hour period (Total Vehicle Delay calculated based on sum of 24 hours from time when queue began)