

Appendix C

**Horizon Year 2031 Base and
Preferred Alternatives Model
Results (AM and PM Peak)**

Clarington TMP
Screenline Deficiency Analysis - AM Peak Hour

HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31240
 NETWORK: 2031 Base Network
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: AM Peak Hour


Eastbound/Westbound Screenline Deficiency Analysis

SL ID	Screenline	Eastbound					Westbound				
		AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
200	East of Clarington West Border (Highway 401 to Lawson Road)	3,569	14	13,100	0.27	0	7,429	14	13,100	0.57	0
201	East of Clarington West Border (Pebblestone Road to Concession 9)	726	9	9,000	0.08	0	2,254	9	9,000	0.25	0
210	West of Courtice Road (Highway 401 to George Reynolds Drive)	3,735	12	11,800	0.32	0	5,799	12	11,800	0.49	0
211	West of Courtice Road/East of Enfield Road (Pebblstone Road to Concession 6)	771	5	6,100	0.13	0	1,735	5	6,100	0.28	0
220	West of Holt Road (South Service Road to Nash Road)	2,400	9	9,550	0.25	0	6,070	9	9,550	0.64	0
230	East of Maple Grove Road (South Service Road to Nash Road)	2,156	8	9,350	0.23	0	6,279	8	9,350	0.67	0
240	Bowmanville Creek (Highway 401 to Highway 2)	2,372	6	7,450	0.32	0	4,682	6	7,450	0.63	0
241	East of Regional Road 57 (Longworth Avenue to Concession 3)	178	2	1,400	0.13	0	1,345	2	1,400	0.96	1
242	West of Regional Road 57 (Concession 4 to Boundary Road)	417	10	8,400	0.05	0	1,486	10	8,400	0.18	0
250	West of Lambs Road (Highway 401 to Highway 2)	1,899	5	6,650	0.29	0	3,535	5	6,650	0.53	0
251	West of Lambs Road (Concession Street to Concession 3)	219	2	1,500	0.15	0	210	2	1,500	0.14	0
252	West of Bethesda Road (Concession 4 to Regional Road 20)	367	8	8,000	0.05	0	713	8	8,000	0.09	0
260	West of Highway 35/115 (Highway 401 to Highway 2)	1,715	4	5,950	0.29	0	2,980	4	5,950	0.50	0
261	East of Darlington Clarke Townline (Concession 3 to Taunton Road)	258	4	3,100	0.08	0	471	4	3,100	0.15	0
262	West of Highway 35/115 (Concession 7 to Regional Road 20)	146	5	5,600	0.03	0	250	5	5,600	0.04	0
270	West of Clarington East Boundary (Lakeshore Road to Ganaraska Road)	1,056	10	9,250	0.11	0	1,166	10	9,250	0.13	0

Northbound/Southbound Screenline Deficiency Analysis

SL ID	Screenline	Northbound					Southbound				
		AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
100	North of Baseline Road (Prestonvale Road to East Durham Link)	115	5	5,500	0.02	0	1,486	5	5,500	0.27	0
101	North of Baseline Road (Solina Road to Maple Grove Road)	28	3	1,700	0.02	0	329	3	1,700	0.19	0
102	North of Baseline Road (Green Road to Bennett Road)	1,037	9	5,800	0.18	0	3,119	9	5,800	0.54	0
110	South of Highway 2 (Townline Road to Hancock Road)	1,057	7	4,050	0.26	0	991	7	4,050	0.24	0
111	South of Highway 2 (Solina Road to Maple Grove Road)	50	4	2,200	0.02	0	465	4	2,200	0.21	0
120	North of Highway 2 (Townline Road to East Durham Link)	1,247	9	7,800	0.16	0	1,779	9	7,800	0.23	0
121	North of Highway 2 (Solina Road to Maple Grove Road)	13	4	2,000	0.01	0	126	4	2,000	0.06	0
122	North of Highway 2 (Green Road to Lambs Road)	714	7	5,150	0.14	0	3,414	7	5,150	0.66	0
130	South of Nash Road/Concession Road (Green Road to Lambs Road)	355	8	5,400	0.07	0	723	8	5,400	0.13	0
140	North of Taunton Road (Townline Road to East Durham Link)	605	7	6,600	0.09	0	619	7	6,600	0.09	0
141	North of Taunton Road (Holt Road to Highway 35/115)	1,452	13	9,300	0.16	0	1,172	13	9,300	0.13	0
142	North of Taunton Road (Jewel Road to Shiloh Road)	0	4	2,200	0.00	0	16	4	2,200	0.01	0
150	North of Regional Road 3 (Townline Road to Liberty Street)	23	5	3,300	0.01	0	181	5	3,300	0.05	0
151	South of Clarington North Border (Darlington-Clarke Townline to Highway 35/115)	327	7	8,100	0.13	0	1,130	7	8,100	0.14	0
160	South of Highway 2 (Mill Street)	327	1	700	0.47	0	379	1	700	0.54	0
170	North of Highway 2 (Manvers Road to Arthur Street)	59	2	1,250	0.05	0	214	2	1,250	0.17	0
300	North of Highway 401 (Holt Road to Lambs Road)	719	4	3,200	0.22	0	2,527	4	3,200	0.79	0

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90

 = Extra Lanes Required

Cap Thres % 0.9

Clarington TMP
Deficiency Analysis - Link Level

HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31240
 NETWORK: 2031 Base Network
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: AM Peak Hour

Link Level Deficiency Analysis

MSL ID	SL ID	Link Tag	Description	Northbound/Eastbound					Southbound/Westbound				
				AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
10	100	1001	Prestonvale Road North of Baseline Road	5	1	550	0.01	0	127	1	550	0.23	0
10	100	1002	Trulls Road North of Baseline Road	1	1	550	0.00	0	123	1	550	0.22	0
10	100	1003	Courtice Road North of Baseline Road	64	1	800	0.08	0	662	1	800	0.83	0
10	100	1004	East Durham Link North of Baseline Road	44	2	3,600	0.01	0	574	2	3,600	0.16	0
10	101	1011	Solina Road North of Baseline Road	0	1	500	0.00	0	58	1	500	0.12	0
10	101	1012	Holt Road North of Baseline Road	28	1	700	0.04	0	271	1	700	0.39	0
10	101	1013	Maple Grove Road North of Baseline Road	0	1	500	0.00	0	0	1	500	0.00	0
10	102	1021	Green Road North of Baseline Road	11	1	500	0.02	0	102	1	500	0.20	0
10	102	1022	West Side Drive North of Baseline Road	5	1	400	0.01	0	191	1	400	0.48	0
10	102	1023	Regional Road 57 North of Baseline Road	592	2	1,800	0.33	0	1,194	2	1,800	0.66	0
10	102	1024	Liberty Street South North of Baseline Road	320	1	800	0.40	0	612	1	800	0.77	0
10	102	1025	Simpson Avenue North of Baseline Road	5	1	400	0.01	0	204	1	400	0.51	0
10	102	1026	Haines Street North of Baseline Road	17	1	600	0.03	0	112	1	600	0.19	0
10	102	1027	Lambs Road North of Baseline Road	48	1	700	0.07	0	380	1	700	0.54	0
10	102	1028	Bennett Road North of Baseline Road	38	1	600	0.06	0	322	1	600	0.54	0
11	110	1101	Townline Road South of Highway 2	73	1	700	0.10	0	107	1	700	0.15	0
11	110	1102	Darlington Blvd South of Highway 2	29	1	400	0.07	0	13	1	400	0.03	0
11	110	1103	Prestonvale Road South of Highway 2	440	1	550	0.80	0	150	1	550	0.27	0
11	110	1104	Sandringham Drive South of Highway 2	42	1	400	0.11	0	1	1	400	0.00	0
11	110	1105	Trulls Road South of Highway 2	314	1	700	0.45	0	167	1	700	0.24	0
11	110	1106	Courtice Road South of Highway 2	159	1	800	0.20	0	552	1	800	0.69	0
11	110	1107	Hancock Road South of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
11	111	1111	Solina Road South of Highway 2	0	1	500	0.00	0	55	1	500	0.11	0
11	111	1112	Rundle Road South of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
11	111	1113	Holt Road South of Highway 2	1	1	700	0.00	0	15	1	700	0.02	0
11	111	1114	Maple Grove Road South of Highway 2	49	1	500	0.10	0	394	1	500	0.79	0
12	120	1201	Townline Road North of Highway 2	95	2	1,400	0.07	0	188	2	1,400	0.13	0
12	120	1202	Varcoe Road North of Highway 2	1	1	400	0.14	0	101	1	400	0.25	0
12	120	1203	Centerfield Drive North of Highway 2	129	1	400	0.32	0	174	1	400	0.43	0
12	120	1204	Trulls Road North of Highway 2	338	1	700	0.48	0	291	1	700	0.42	0
12	120	1205	Courtice Road North of Highway 2	499	1	800	0.62	0	667	1	800	0.83	0
12	120	1206	Hancock Road North of Highway 2	6	1	500	0.01	0	27	1	500	0.05	0
12	120	1207	East Durham Link North of Highway 2	123	2	3,600	0.03	0	332	2	3,600	0.09	0
12	121	1211	Solina Road North of Highway 2	2	1	500	0.00	0	7	1	500	0.01	0
12	121	1212	Rundle Road North of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
12	121	1213	Holt Road North of Highway 2	0	1	500	0.00	0	3	1	500	0.01	0
12	121	1214	Maple Grove Road North of Highway 2	11	1	500	0.02	0	116	1	500	0.23	0
12	122	1221	Green Road North of Highway 2	68	1	500	0.14	0	325	1	500	0.65	0
12	122	1222	Regional Road 57 North of Highway 2	229	2	2,000	0.11	0	1,214	2	2,000	0.61	0
12	122	1223	Scugog Street North of Church Street	187	1	550	0.34	0	631	1	550	1.15	1
12	122	1224	Liberty Street N North of Church Street	135	1	800	0.17	0	568	1	800	0.71	0
12	122	1225	Mearns Avenue North of Highway 2	36	1	600	0.06	0	337	1	600	0.56	0
12	122	1226	Lambs Road North of Highway 2	58	1	700	0.08	0	339	1	700	0.48	0
13	130	1301	Green Road South of Nash Road	16	1	800	0.02	0	0	1	800	0.00	0
13	130	1302	Nash Road South of Nash Road	15	1	500	0.03	0	0	1	500	0.00	0
13	130	1303	Regional Road 57 South of Concession 3	187	1	1,000	0.19	0	445	1	1,000	0.45	0
13	130	1304	W Scugog Lane South of Concession 3	0	1	400	0.00	0	0	1	400	0.00	0
13	130	1305	Scugog Street South of Concession 3	9	1	600	0.01	0	27	1	600	0.05	0
13	130	1306	Liberty Street N South of Concession 3	86	1	800	0.11	0	221	1	800	0.28	0
13	130	1307	Mearns Avenue South of Concession 3	20	1	600	0.03	0	8	1	600	0.01	0
13	130	1308	Lambs Road South of Concession 3	22	1	700	0.03	0	20	1	700	0.03	0
14	140	1401	Townline Road North of Taunton Road	102	1	500	0.20	0	165	1	500	0.33	0
14	140	1402	Langmaid Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	140	1403	Enfield Road North of Taunton Road	468	1	1,000	0.47	0	252	1	1,000	0.25	0
14	140	1404	Washington Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	140	1405	Solina Road North of Taunton Road	35	1	500	0.07	0	64	1	500	0.13	0
14	140	1406	East Durham Link North of Taunton Road	1	2	3,600	0.00	0	138	2	3,600	0.04	0
14	141	14101	Holt Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14102	McCallum Street North of Taunton Road	7	1	400	0.02	0	31	1	400	0.08	0
14	141	14103	King Lane North of Taunton Road	0	1	400	0.00	0	0	1	400	0.00	0
14	141	14104	Old Scugog Road North of Taunton Road	70	1	700	0.10	0	46	1	700	0.07	0
14	141	14105	Regional Road 57 North of Taunton Road	436	1	1,000	0.44	0	137	1	1,000	0.14	0
14	141	14106	Middle Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14107	Liberty Street N North of Taunton Road	2	1	700	0.00	0	33	1	700	0.05	0
14	141	14108	Bethesda Road North of Taunton Road	1	1	800	0.00	0	3	1	800	0.00	0
14	141	14110	Darlington Clarke Townline North of Taunton Road	6	1	500	0.01	0	5	1	500	0.01	0
14	141	14111	Leskard Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14112	Best Road North of Taunton Road	5	1	500	0.01	0	0	1	500	0.00	0
14	141	14113	Highway 35/115 North of Taunton Road	925	2	2,800	0.33	0	916	2	2,800	0.33	0
14	142	1421	Jewel Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
14	142	1422	Henry Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
14	142	1423	Newtonville Road South of Ganaraska Road	0	1	700	0.00	0	16	1	700	0.02	0
14	142	1424	Shiloh Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
15	150	1501	Townline Road North of Regional Road 3	0	1	500	0.00	0	0	1	500	0.00	0
15	150	1502	Enfield Road North of Regional Road 3	1	1	500	0.00	0	69	1	500	0.14	0
15	150	1503	Old Scugog Road North of Regional Road 3	2	1	500	0.00	0	14	1	500	0.03	0
15	150	1504	Regional Road 57 North of Regional Road 3	9	1	1,000	0.01	0	97	1	1,000	0.10	0
15	150	1505	Liberty Street North of Concession 8	10	1	800	0.01	0	0	1	800	0.00	0
15	151	1511	Darlington Clarke Townline South of Boundary Road	40	1	1,000	0.04	0	0	1	1,000	0.00	0
15	151	1512	Mosport Road South of Boundary Road	0	1	500	0.00	0	0	1	500	0.00	0
15	151	1513	Best Road South of Boundary Road	0	1	1,000	0.00	0	0	1	1,000	0.00	0
15	151	1514	Highway 35 South of Boundary Road	198	2	2,000	0.10	0	457	2	2,000	0.23	0
15	151	1515	Highway 115 South of Boundary Road	832	2	3,600	0.23	0	673	2	3,600	0.19	0
16	160	1601	Mill Street North of Highway 401	327	1	700	0.47	0	379	1	700	0.54	0
17	170	1701	Manvers Road North of Highway 2	40	1	700	0.06	0	156	1	700	0.22	0
17	170	1702	Arthur Street North of Highway 2	19	1	550	0.03	0	58	1	550	0.11	0
20	200	2001	Highway 401 East of Harmony Road	2,607	4	6,600	0.40	0	4,616	4	6,600	0.70	0
20	200	2002	Bingham Gate East of Townline Road	3	1	500	0.01	0	263	1	500	0.53	0
20	200	2003	Gord Vinson Avenue East of Townline Road	110	1	600	0.18	0	193	1	600	0.32	0
20	200	2004	Bloor Road East of Townline Road	194	1	750	0.26	0	619	1	750	0.83	0
20	200	2005	Glenabbey Drive East of Townline Road	4	1	600	0.01	0	338	1	600	0.56	0
20	200	2006	Kingswood Drive East of Townline Road	7	1	600	0.01	0	65	1	600	0.11	0
20	200	2007	Kingsway Gate East of Townline Road	0	1	400	0.00	0	0	1	400	0.00	0
20	200	2008	Highway 2 East of Townline Road	599	2	1,800	0.33	0	1,283	2	1,800	0.71	0
20	200	2009	Nash Road East of Townline Road	37	1	550	0.07	0	17	1	550	0.03	0
20	200	20010	Lawson Road East of Townline Road	8	1	700	0.01	0	35	1	700	0.05	0

20	201	2011	Pebblestone Road East of Townline Road	48	1	800	0.06	0	138	1	800	0.17	0
20	201	2012	Taunton Road East of Townline Road	300	2	2,000	0.15	0	810	2	2,000	0.41	0
20	201	2013	Concession 6 East of Townline Road	65	1	700	0.09	0	189	1	700	0.27	0
20	201	2017	Highway 407 West of Enfield Road	310	2	3,600	0.09	0	1,016	2	3,600	0.28	0
20	201	2014	Concession 7 East of Townline Road	1	1	600	0.00	0	20	1	600	0.03	0
20	201	2015	Regional Road 3 East of Townline Road	2	1	800	0.00	0	68	1	800	0.09	0
20	201	2016	Concession 9 East of Townline Road	0	1	500	0.00	0	13	1	500	0.03	0
21	210	2101	Highway 401 West of Courtice Road	2,607	4	6,600	0.40	0	4,616	4	6,600	0.70	0
21	210	2102	Baseline Road West of Courtice Road	103	1	700	0.15	0	108	1	700	0.15	0
21	210	2103	Bloor Street West of Courtice Road	267	1	700	0.38	0	124	1	700	0.18	0
21	210	2108	Meadowglade Road extension West of Courtice Road	134	1	500	0.27	0	50	1	500	0.10	0
21	210	2104	Sandringham Drive West of Courtice Road	41	1	400	0.10	0	54	1	400	0.14	0
21	210	2105	Highway 2 West of Courtice Road	578	2	1,800	0.32	0	837	2	1,800	0.46	0
21	210	2106	Nash Road West of Courtice Road	3	1	700	0.00	0	7	1	700	0.01	0
21	210	2107	George Reynolds Drive West of Courtice Road	1	1	400	0.00	0	3	1	400	0.01	0
21	211	2111	Pebblestone Road West of Courtice Road	157	1	800	0.20	0	76	1	800	0.10	0
21	211	2112	Taunton Road West of Courtice Road	439	1	1,000	0.44	0	890	1	1,000	0.89	0
21	211	2114	Highway 407 East of Enfield Road	166	2	3,600	0.05	0	654	2	3,600	0.18	0
21	211	2113	Concession 6 West of Courtice Road	9	1	700	0.01	0	114	1	700	0.16	0
22	220	2201	South Service Road West of Holt Road	0	1	500	0.00	0	199	1	500	0.40	0
22	220	2202	Highway 401 West of Holt Road	1,982	3	4,950	0.40	0	4,247	3	4,950	0.86	0
22	220	2203	Baseline Road West of Holt Road	18	1	700	0.03	0	225	1	700	0.32	0
22	220	2204	Bloor Street West of Holt Road	25	1	700	0.04	0	137	1	700	0.20	0
22	220	2205	Highway 2 West of Holt Road	374	2	2,000	0.19	0	1,256	2	2,000	0.63	0
22	220	2206	Nash Road West of Holt Road	0	1	700	0.00	0	6	1	700	0.01	0
23	230	2301	South Service Road East of Holt Road	5	1	500	0.01	0	5	1	500	0.01	0
23	230	2302	Highway 401 East of Holt Road	1,699	3	4,950	0.34	0	4,359	3	4,950	0.88	0
23	230	2303	Baseline Road West of Green Road	20	1	700	0.03	0	348	1	700	0.50	0
23	230	2304	Highway 2 East of Maple Grove Road	431	2	2,400	0.18	0	1,536	2	2,400	0.64	0
23	230	2305	Nash Road East of Maple Grove Road	0	1	800	0.00	0	31	1	800	0.04	0
24	240	2401	Highway 401 at Bowmanville Creek	1,737	3	4,950	0.35	0	3,669	3	4,950	0.74	0
24	240	2402	Baseline Road at Bowmanville Creek	234	1	700	0.33	0	274	1	700	0.39	0
24	240	2403	Highway 2 at Bowmanville Creek	400	2	1,800	0.22	0	739	2	1,800	0.41	0
24	241	2411	Longworth Avenue East of Regional Road 57	136	1	800	0.17	0	695	1	800	0.87	0
24	241	2412	Concession 3 of Regional Road 57	43	1	600	0.07	0	650	1	600	1.08	1
24	242	2421	Concession 4 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2422	Taunton Road West of Regional Road 57	260	1	1,000	0.26	0	687	1	1,000	0.69	0
24	242	2423	Concession 6 West of Regional Road 57	2	1	700	0.00	0	48	1	700	0.07	0
24	242	2424	Concession 7 West of Regional Road 57	0	1	600	0.00	0	0	1	600	0.00	0
24	242	2425	Regional Road 3 West of Regional Road 57	42	1	500	0.08	0	11	1	500	0.02	0
24	242	2426	Concession 9 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2427	Concession 10 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2428	Boundary Road West of Regional Road 57	3	1	500	0.01	0	5	1	500	0.01	0
24	242	2429	Highway 407 West of Regional Road 57	111	2	3,600	0.03	0	735	2	3,600	0.20	0
25	250	2501	Highway 401 West of Bennett Road	1,651	3	4,950	0.33	0	2,971	3	4,950	0.60	0
25	250	2502	Baseline Road West of Lambs Road	161	1	700	0.23	0	296	1	700	0.42	0
25	250	2503	Highway 2 West of Lambs Road	88	1	1,000	0.09	0	268	1	1,000	0.27	0
25	251	2511	Concession Street West of Lambs Road	199	1	700	0.28	0	185	1	700	0.26	0
25	251	2512	Concession 3 West of Lambs Road	21	1	800	0.03	0	25	1	800	0.03	0
25	252	2521	Concession 4 West of Lambs Road	3	1	500	0.01	0	0	1	500	0.00	0
25	252	2522	Taunton Road West of Bethesda Road	209	1	1,000	0.21	0	452	1	1,000	0.45	0
25	252	2527	Highway 407 East of Regional Road 57	109	2	3,600	0.03	0	258	2	3,600	0.07	0
25	252	2523	Concession 6 West of Bethesda Road	3	1	700	0.00	0	1	1	700	0.00	0
25	252	2524	Concession 7 West of Bethesda Road	3	1	500	0.01	0	1	1	500	0.00	0
25	252	2525	Concession 8 West of Bethesda Road	10	1	700	0.01	0	0	1	700	0.00	0
25	252	2526	Regional Road 20 West of Liberty Street	30	1	1,000	0.03	0	0	1	1,000	0.00	0
26	260	2601	Highway 401 West of Highway 35/115	1,663	3	4,950	0.34	0	2,640	3	4,950	0.53	0
26	260	2602	Highway 2 West of Highway 35/115	53	1	1,000	0.05	0	340	1	1,000	0.34	0
26	261	2611	Concession 3 East of Darlington Clarke Townline	53	1	800	0.07	0	91	1	800	0.11	0
26	261	2612	Concession 4 East of Darlington Clarke Townline	1	1	800	0.00	0	1	1	800	0.00	0
26	261	2613	Concession 5 East of Darlington Clarke Townline	2	1	500	0.00	0	1	1	500	0.00	0
26	261	2614	Taunton Road East of Darlington Clarke Townline	201	1	1,000	0.20	0	378	1	1,000	0.38	0
26	262	2621	Concession 7 West of Highway 35/115	2	1	500	0.00	0	15	1	500	0.03	0
26	262	2624	Highway 407 West of Highway 35/115	97	2	3,600	0.03	0	236	2	3,600	0.07	0
26	262	2622	Concession 8 West of Highway 35/115	7	1	500	0.01	0	0	1	500	0.00	0
26	262	2623	Regional Road 20 West of Highway 35	40	1	1,000	0.04	0	0	1	1,000	0.00	0
27	270	2701	Lakeshore Road West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2702	Concession 1 West of Clarington East Limit	2	1	500	0.00	0	4	1	500	0.01	0
27	270	2703	Highway 401 West of Clarington East Limit	1,031	3	4,950	0.21	0	1,030	3	4,950	0.21	0
27	270	2704	Highway 2 West of Clarington East Limit	3	1	1,000	0.00	0	43	1	1,000	0.04	0
27	270	2705	Concession 3 West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2706	Concession 4 West of Clarington East Limit	0	1	500	0.00	0	1	1	500	0.00	0
27	270	2707	Concession 5 West of Clarington East Limit	0	1	500	0.00	0	3	1	500	0.01	0
27	270	2708	Ganaraska Road West of Clarington East Limit	21	1	800	0.03	0	85	1	800	0.11	0
30	300	3001	Holt Road North of Highway 401	83	1	700	0.12	0	448	1	700	0.64	0
30	300	3002	Waverly Road/RR57 North of Highway 401	539	2	1,800	0.30	0	1,285	2	1,800	0.71	0
30	300	3003	Liberty Street North of Highway 401	97	1	700	0.14	0	794	1	700	1.19	1
Eastbound/Westbound TOTALS				21,984	113	116,200			46,404	113	116,200		
Northbound/Southbound TOTALS				8,871	99	74,250			18,670	99	74,250		

Cap = 850
= V/C ratio 0.80 - 0.90
= V/C ratio > 0.90
= Extra Lanes Required

Cap Threshold % 0.9

Clarington TMP
Screenline Deficiency Analysis - PM Peak Hour



HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31241
 NETWORK: 2031 Base Network
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: PM Peak Hour

Eastbound/Westbound Screenline Deficiency Analysis

SL ID	Screenline	Eastbound					Westbound				
		PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
200	East of Clarington West Border (Highway 401 to Lawson Road)	8,165	14	13,100	0.62	0	4,429	14	13,100	0.34	0
201	East of Clarington West Border (Pebblestone Road to Concession 9)	2,446	9	9,000	0.27	0	896	9	9,000	0.10	0
210	West of Courtice Road (Highway 401 to George Reynolds Drive)	5,961	12	11,800	0.51	0	4,360	12	11,800	0.37	0
211	West of Courtice Road/East of Enfield Road (Pebblstone Road to Concession 6)	1,856	5	6,100	0.30	0	790	5	6,100	0.13	0
220	West of Holt Road (South Service Road to Nash Road)	6,221	9	9,550	0.65	0	2,721	9	9,550	0.28	0
230	East of Maple Grove Road (South Service Road to Nash Road)	6,735	8	9,350	0.72	0	2,548	8	9,350	0.27	0
240	Bowmanville Creek (Highway 401 to Highway 2)	5,833	6	7,450	0.78	0	3,002	6	7,450	0.40	0
241	East of Regional Road 57 (Longworth Avenue to Concession 3)	1,425	2	1,400	1.02	1	257	2	1,400	0.18	0
242	West of Regional Road 57 (Concession 4 to Boundary Road)	1,684	10	8,400	0.20	0	537	10	8,400	0.06	0
250	West of Lambs Road (Highway 401 to Highway 2)	4,184	5	6,650	0.63	0	2,274	5	6,650	0.34	0
251	West of Lambs Road (Concession Street to Concession 3)	210	2	1,500	0.14	0	352	2	1,500	0.23	0
252	West of Bethesda Road (Concession 4 to Regional Road 20)	1,009	8	8,000	0.13	0	627	8	8,000	0.08	0
260	West of Highway 35/115 (Highway 401 to Highway 2)	3,576	4	5,950	0.60	0	2,200	4	5,950	0.37	0
261	East of Darlington Clarke Townline (Concession 3 to Taunton Road)	437	4	3,100	0.14	0	315	4	3,100	0.10	0
262	West of Highway 35/115 (Concession 7 to Regional Road 20)	491	5	5,600	0.09	0	350	5	5,600	0.06	0
270	West of Clarington East Boundary (Lakeshore Road to Ganaraska Road)	1,058	10	9,250	0.11	0	1,497	10	9,250	0.16	0

Northbound/Southbound Screenline Deficiency Analysis

SL ID	Screenline	Eastbound					Westbound				
		PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
100	North of Baseline Road (Prestonvale Road to East Durham Link)	1,605	5	5,500	0.29	0	290	5	5,500	0.05	0
101	North of Baseline Road (Solina Road to Maple Grove Road)	342	3	1,700	0.20	0	40	3	1,700	0.02	0
102	North of Baseline Road (Green Road to Bennett Road)	3,495	9	5,800	0.60	0	1,346	9	5,800	0.23	0
110	South of Highway 2 (Townline Road to Hancock Road)	1,216	7	4,050	0.30	0	1,591	7	4,050	0.39	0
111	South of Highway 2 (Solina Road to Maple Grove Road)	497	4	2,200	0.23	0	76	4	2,200	0.03	0
120	North of Highway 2 (Townline Road to East Durham Link)	1,922	9	7,800	0.25	0	1,638	9	7,800	0.21	0
121	North of Highway 2 (Solina Road to Maple Grove Road)	193	4	2,000	0.10	0	7	4	2,000	0.00	0
122	North of Highway 2 (Green Road to Lambs Road)	4,084	7	5,150	0.79	0	1,410	7	5,150	0.27	0
130	South of Nash Road/Concession Road (Green Road to Lambs Road)	830	8	5,400	0.15	0	561	8	5,400	0.10	0
140	North of Taunton Road (Townline Road to East Durham Link)	738	7	6,600	0.11	0	602	7	6,600	0.09	0
141	North of Taunton Road (Holt Road to Highway 35/115)	1,403	13	9,300	0.15	0	1,484	13	9,300	0.16	0
142	North of Taunton Road (Jewel Road to Shiloh Road)	2	4	2,200	0.00	0	5	4	2,200	0.00	0
150	North of Regional Road 3 (Townline Road to Liberty Street)	253	5	3,300	0.08	0	25	5	3,300	0.01	0
151	South of Clarington North Border (Darlington-Clarke Townline to Highway 35/115)	1,565	7	8,100	0.19	0	1,303	7	8,100	0.16	0
160	South of Highway 2 (Mill Street)	517	1	700	0.74	0	159	1	700	0.23	0
170	North of Highway 2 (Manvers Road to Arthur Street)	331	2	1,250	0.26	0	70	2	1,250	0.06	0
300	North of Highway 401 (Holt Road to Lambs Road)	2,614	4	3,300	0.79	0	1,131	4	3,300	0.34	0

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90

 = Extra Lanes Required

Cap Thres % 0.9

Clarington TMP
Deficiency Analysis - Link LevelHORIZON YEAR: 2031
LAND USE: Updated 2031 Clarington Land Use
SCENARIO: 31241
NETWORK: 2031 Base Network
TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
TIME: PM Peak Hour

Link Level Deficiency Analysis

MSL ID	SL ID	Link Tag	Description	Northbound/Eastbound					Southbound/Westbound				
				PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
10	100	1001	Prestonvale Road North of Baseline Road	229	1	550	0.42	0	7	1	550	0.01	0
10	100	1002	Trulls Road North of Baseline Road	115	1	550	0.21	0	1	1	550	0.00	0
10	100	1003	Courtice Road North of Baseline Road	658	1	800	0.82	0	168	1	800	0.21	0
10	100	1004	East Durham Link North of Baseline Road	604	2	3,600	0.17	0	114	2	3,600	0.03	0
10	101	1011	Solina Road North of Baseline Road	42	1	500	0.08	0	0	1	500	0.00	0
10	101	1012	Holt Road North of Baseline Road	300	1	700	0.43	0	40	1	700	0.06	0
10	101	1013	Maple Grove Road North of Baseline Road	0	1	500	0.00	0	0	1	500	0.00	0
10	102	1021	Green Road North of Baseline Road	131	1	500	0.26	0	0	1	500	0.00	0
10	102	1022	West Side Drive North of Baseline Road	192	1	400	0.48	0	7	1	400	0.02	0
10	102	1023	Regional Road 57 North of Baseline Road	1,250	2	1,800	0.69	0	778	2	1,800	0.43	0
10	102	1024	Liberty Street South North of Baseline Road	702	1	800	0.88	0	325	1	800	0.41	0
10	102	1025	Simpson Avenue North of Baseline Road	271	1	400	0.68	0	50	1	400	0.12	0
10	102	1026	Haines Street North of Baseline Road	167	1	600	0.28	0	19	1	600	0.03	0
10	102	1027	Lombs Road North of Baseline Road	427	1	700	0.61	0	68	1	700	0.10	0
10	102	1028	Bennett Road North of Baseline Road	356	1	600	0.59	0	98	1	600	0.16	0
11	110	1101	Townline Road South of Highway 2	158	1	700	0.23	0	133	1	700	0.19	0
11	110	1102	Darlington Blvd South of Highway 2	22	1	400	0.05	0	49	1	400	0.12	0
11	110	1103	Prestonvale Road South of Highway 2	278	1	550	0.51	0	551	1	550	1.00	1
11	110	1104	Sandringham Drive South of Highway 2	0	1	400	0.00	0	98	1	400	0.25	0
11	110	1105	Trulls Road South of Highway 2	206	1	700	0.29	0	476	1	700	0.68	0
11	110	1106	Courtice Road South of Highway 2	552	1	800	0.69	0	283	1	800	0.35	0
11	110	1107	Hancock Road South of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
11	111	1111	Solina Road South of Highway 2	39	1	500	0.08	0	0	1	500	0.00	0
11	111	1112	Rundle Road South of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
11	111	1113	Holt Road South of Highway 2	19	1	700	0.03	0	1	1	700	0.00	0
11	111	1114	Maple Grove Road South of Highway 2	438	1	500	0.88	0	75	1	500	0.15	0
12	120	1201	Townline Road North of Highway 2	322	2	1,400	0.23	0	201	2	1,400	0.14	0
12	120	1202	Varcoe Road North of Highway 2	165	1	400	0.41	0	114	1	400	0.29	0
12	120	1203	Centerfield Drive North of Highway 2	84	1	400	0.21	0	178	1	400	0.44	0
12	120	1204	Trulls Road North of Highway 2	319	1	700	0.46	0	449	1	700	0.64	0
12	120	1205	Courtice Road North of Highway 2	650	1	800	0.81	0	484	1	800	0.60	0
12	120	1206	Hancock Road North of Highway 2	120	1	500	0.24	0	11	1	500	0.02	0
12	120	1207	East Durham Link North of Highway 2	262	2	3,600	0.07	0	202	2	3,600	0.06	0
12	121	1211	Solina Road North of Highway 2	44	1	500	0.09	0	2	1	500	0.00	0
12	121	1212	Rundle Road North of Highway 2	4	1	500	0.01	0	0	1	500	0.00	0
12	121	1213	Holt Road North of Highway 2	27	1	500	0.05	0	0	1	500	0.00	0
12	121	1214	Maple Grove Road North of Highway 2	119	1	500	0.24	0	4	1	500	0.01	0
12	122	1221	Green Road North of Highway 2	390	1	500	0.78	0	110	1	500	0.22	0
12	122	1222	Regional Road 57 North of Highway 2	1,298	2	2,000	0.65	0	712	2	2,000	0.36	0
12	122	1223	Scugog Street North of Church Street	820	1	550	1.49	1	237	1	550	0.43	0
12	122	1224	Liberty Street N North of Church Street	705	1	800	0.88	0	237	1	800	0.30	0
12	122	1225	Mearns Avenue North of Highway 2	456	1	600	0.76	0	46	1	600	0.08	0
12	122	1226	Lombs Road North of Highway 2	415	1	700	0.59	0	68	1	700	0.10	0
13	130	1301	Green Road South of Nash Road	0	1	800	0.00	0	53	1	800	0.07	0
13	130	1302	Nash Road South of Nash Road	0	1	500	0.00	0	99	1	500	0.20	0
13	130	1303	Regional Road 57 South of Concession 3	541	1	1,000	0.54	0	298	1	1,000	0.30	0
13	130	1304	W Scugog Lane South of Concession 3	0	1	400	0.00	0	0	1	400	0.00	0
13	130	1305	Scugog Street South of Concession 3	32	1	600	0.05	0	10	1	600	0.02	0
13	130	1306	Liberty Street N South of Concession 3	209	1	800	0.26	0	51	1	800	0.06	0
13	130	1307	Mearns Avenue South of Concession 3	14	1	600	0.02	0	13	1	600	0.02	0
13	130	1308	Lombs Road South of Concession 3	35	1	700	0.05	0	38	1	700	0.05	0
14	140	1401	Townline Road North of Taunton Road	191	1	500	0.38	0	183	1	500	0.37	0
14	140	1402	Langmaid Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	140	1403	Enfield Road North of Taunton Road	339	1	1,000	0.34	0	321	1	1,000	0.32	0
14	140	1404	Washington Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	140	1405	Solina Road North of Taunton Road	76	1	500	0.15	0	36	1	500	0.07	0
14	140	1406	East Durham Link North of Taunton Road	132	2	3,600	0.04	0	63	2	3,600	0.02	0
14	141	14101	Holt Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14102	McCallum Street North of Taunton Road	26	1	400	0.07	0	9	1	400	0.02	0
14	141	14103	King Lane North of Taunton Road	0	1	400	0.00	0	0	1	400	0.00	0
14	141	14104	Old Scugog Road North of Taunton Road	44	1	700	0.06	0	114	1	700	0.16	0
14	141	14105	Regional Road 57 North of Taunton Road	174	1	1,000	0.17	0	401	1	1,000	0.40	0
14	141	14106	Middle Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14107	Liberty Street N North of Taunton Road	21	1	700	0.03	0	4	1	700	0.01	0
14	141	14108	Bethesda Road North of Taunton Road	3	1	800	0.00	0	1	1	800	0.00	0
14	141	14110	Darlington Clarke Townline North of Taunton Road	7	1	500	0.01	0	5	1	500	0.01	0
14	141	14111	Leskard Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14112	Best Road North of Taunton Road	7	1	500	0.01	0	0	1	500	0.00	0
14	141	14113	Highway 35/115 North of Taunton Road	1,120	2	2,800	0.40	0	951	2	2,800	0.34	0
14	142	1421	Jewel Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
14	142	1422	Henry Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
14	142	1423	Newtonville Road South of Ganaraska Road	1	1	700	0.00	0	5	1	700	0.01	0
14	142	1424	Shiloh Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
15	150	1501	Townline Road North of Regional Road 3	0	1	500	0.00	0	0	1	500	0.00	0
15	150	1502	Enfield Road North of Regional Road 3	84	1	500	0.17	0	2	1	500	0.00	0
15	150	1503	Old Scugog Road North of Regional Road 3	14	1	500	0.03	0	5	1	500	0.01	0
15	150	1504	Regional Road 57 North of Regional Road 3	155	1	1,000	0.16	0	6	1	1,000	0.01	0
15	150	1505	Liberty Street North of Concession 8	0	1	800	0.00	0	12	1	800	0.02	0
15	151	1511	Darlington Clarke Townline South of Boundary Road	0	1	1,000	0.00	0	188	1	1,000	0.19	0
15	151	1512	Mosport Road South of Boundary Road	0	1	500	0.00	0	0	1	500	0.00	0
15	151	1513	Best Road South of Boundary Road	0	1	1,000	0.00	0	0	1	1,000	0.00	0
15	151	1514	Highway 35 South of Boundary Road	569	2	2,000	0.28	0	306	2	2,000	0.15	0
15	151	1515	Highway 115 South of Boundary Road	996	2	3,600	0.28	0	809	2	3,600	0.22	0
16	160	1601	Mill Street North of Highway 401	517	1	700	0.74	0	159	1	700	0.23	0
17	170	1701	Manvers Road North of Highway 2	264	1	700	0.38	0	48	1	700	0.07	0
17	170	1702	Arthur Street North of Highway 2	67	1	550	0.12	0	22	1	550	0.04	0
20	200	2001	Highway 401 East of Harmony Road	4,492	4	6,600	0.68	0	2,936	4	6,600	0.44	0
20	200	2002	Bingham Gate East of Townline Road	353	1	500	0.71	0	4	1	500	0.01	0
20	200	2003	Gord Vinson Avenue East of Townline Road	334	1	600	0.56	0	175	1	600	0.29	0
20	200	2004	Bloor Road East of Townline Road	655	1	750	0.87	0	296	1	750	0.39	0
20	200	2005	Glenabbey Drive East of Townline Road	415	1	600	0.69	0	5	1	600	0.01	0
20	200	2006	Kingswood Drive East of Townline Road	81	1	600	0.13	0	15	1	600	0.02	0
20	200	2007	Kingsway Gate East of Townline Road	0	1	400	0.00	0	0	1	400	0.00	0
20	200	2008	Highway 2 East of Townline Road	1,596	2	1,800	0.89	0	890	2	1,800	0.49	0
20	200	2009	Nash Road East of Townline Road	178	1	550	0.32	0	95	1	550	0.17	0
20	200	20010	Lawson Road East of Townline Road	61	1	700	0.09	0	14	1	700	0.02	0

20	201	2011	Pebblestone Road East of Townline Road	299	1	800	0.37	0	92	1	800	0.12	0
20	201	2012	Taunton Road East of Townline Road	763	2	2,000	0.38	0	320	2	2,000	0.16	0
20	201	2013	Concession 6 East of Townline Road	278	1	700	0.40	0	51	1	700	0.07	0
20	201	2017	Highway 407 West of Enfield Road	971	2	3,600	0.27	0	430	2	3,600	0.12	0
20	201	2014	Concession 7 East of Townline Road	25	1	600	0.04	0	1	1	600	0.00	0
20	201	2015	Regional Road 3 East of Townline Road	94	1	800	0.12	0	2	1	800	0.00	0
20	201	2016	Concession 9 East of Townline Road	15	1	500	0.03	0	0	1	500	0.00	0
21	210	2101	Highway 401 West of Courtice Road	4,492	4	6,600	0.68	0	2,936	4	6,600	0.44	0
21	210	2102	Baseline Road West of Courtice Road	138	1	700	0.20	0	196	1	700	0.28	0
21	210	2103	Bloor Street West of Courtice Road	135	1	700	0.19	0	318	1	700	0.45	0
21	210	2108	Meadowglade Road extension West of Courtice Road	51	1	500	0.10	0	144	1	500	0.29	0
21	210	2104	Sandringham Drive West of Courtice Road	62	1	400	0.16	0	95	1	400	0.24	0
21	210	2105	Highway 2 West of Courtice Road	1,070	2	1,800	0.59	0	664	2	1,800	0.37	0
21	210	2106	Nash Road West of Courtice Road	10	1	700	0.01	0	5	1	700	0.01	0
21	210	2107	George Reynolds Drive West of Courtice Road	4	1	400	0.01	0	2	1	400	0.00	0
21	211	2111	Pebblestone Road West of Courtice Road	176	1	800	0.22	0	123	1	800	0.15	0
21	211	2112	Taunton Road West of Courtice Road	722	1	1,000	0.72	0	481	1	1,000	0.48	0
21	211	2114	Highway 407 East of Enfield Road	804	2	3,600	0.22	0	172	2	3,600	0.05	0
21	211	2113	Concession 6 West of Courtice Road	154	1	700	0.22	0	15	1	700	0.02	0
22	220	2201	South Service Road West of Holt Road	211	1	500	0.42	0	0	1	500	0.00	0
22	220	2202	Highway 401 West of Holt Road	4,087	3	4,950	0.83	0	2,135	3	4,950	0.43	0
22	220	2203	Baseline Road West of Holt Road	280	1	700	0.40	0	21	1	700	0.03	0
22	220	2204	Bloor Street West of Holt Road	152	1	700	0.22	0	40	1	700	0.06	0
22	220	2205	Highway 2 West of Holt Road	1,422	2	2,000	0.71	0	524	2	2,000	0.26	0
22	220	2206	Nash Road West of Holt Road	69	1	700	0.10	0	0	1	700	0.00	0
23	230	2301	South Service Road East of Holt Road	7	1	500	0.01	0	3	1	500	0.01	0
23	230	2302	Highway 401 East of Holt Road	4,390	3	4,950	0.89	0	1,925	3	4,950	0.39	0
23	230	2303	Baseline Road West of Green Road	458	1	700	0.65	0	4	1	700	0.01	0
23	230	2304	Highway 2 East of Maple Grove Road	1,729	2	2,400	0.72	0	615	2	2,400	0.26	0
23	230	2305	Nash Road East of Maple Grove Road	151	1	800	0.19	0	0	1	800	0.00	0
24	240	2401	Highway 401 at Bowmanville Creek	4,112	3	4,950	0.83	0	2,119	3	4,950	0.43	0
24	240	2402	Baseline Road at Bowmanville Creek	551	1	700	0.79	0	295	1	700	0.42	0
24	240	2403	Highway 2 at Bowmanville Creek	1,170	2	1,800	0.65	0	588	2	1,800	0.33	0
24	241	2411	Longworth Avenue East of Regional Road 57	833	1	800	1.04	1	197	1	800	0.25	0
24	241	2412	Concession 3 of Regional Road 57	592	1	600	0.99	1	60	1	600	0.10	0
24	242	2421	Concession 4 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2422	Taunton Road West of Regional Road 57	695	1	1,000	0.70	0	319	1	1,000	0.32	0
24	242	2423	Concession 6 West of Regional Road 57	79	1	700	0.11	0	2	1	700	0.00	0
24	242	2424	Concession 7 West of Regional Road 57	0	1	600	0.00	0	0	1	600	0.00	0
24	242	2425	Regional Road 3 West of Regional Road 57	29	1	500	0.06	0	41	1	500	0.08	0
24	242	2426	Concession 9 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2427	Concession 10 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2428	Boundary Road West of Regional Road 57	5	1	500	0.01	0	1	1	500	0.00	0
24	242	2429	Highway 407 West of Regional Road 57	875	2	3,600	0.24	0	173	2	3,600	0.05	0
25	250	2501	Highway 401 West of Bennett Road	3,474	3	4,950	0.70	0	2,016	3	4,950	0.41	0
25	250	2502	Baseline Road West of Lambs Road	332	1	700	0.47	0	181	1	700	0.26	0
25	250	2503	Highway 2 West of Lambs Road	378	1	1,000	0.38	0	77	1	1,000	0.08	0
25	251	2511	Concession Street West of Lambs Road	166	1	700	0.24	0	318	1	700	0.45	0
25	251	2512	Concession 3 West of Lambs Road	43	1	800	0.05	0	34	1	800	0.04	0
25	252	2521	Concession 4 West of Lambs Road	0	1	500	0.00	0	4	1	500	0.01	0
25	252	2522	Taunton Road West of Bethesda Road	510	1	1,000	0.51	0	260	1	1,000	0.26	0
25	252	2527	Highway 407 East of Regional Road 57	496	2	3,600	0.14	0	168	2	3,600	0.05	0
25	252	2523	Concession 6 West of Bethesda Road	1	1	700	0.00	0	3	1	700	0.00	0
25	252	2524	Concession 7 West of Bethesda Road	2	1	500	0.00	0	3	1	500	0.01	0
25	252	2525	Concession 8 West of Bethesda Road	0	1	700	0.00	0	12	1	700	0.02	0
25	252	2526	Regional Road 20 West of Liberty Street	0	1	1,000	0.00	0	177	1	1,000	0.18	0
26	260	2601	Highway 401 West of Highway 35/115	3,216	3	4,950	0.65	0	2,104	3	4,950	0.43	0
26	260	2602	Highway 2 West of Highway 35/115	360	1	1,000	0.36	0	96	1	1,000	0.10	0
26	261	2611	Concession 3 East of Darlington Clarke Townline	74	1	800	0.09	0	64	1	800	0.08	0
26	261	2612	Concession 4 East of Darlington Clarke Townline	1	1	800	0.00	0	2	1	800	0.00	0
26	261	2613	Concession 5 East of Darlington Clarke Townline	5	1	500	0.01	0	1	1	500	0.00	0
26	261	2614	Taunton Road East of Darlington Clarke Townline	356	1	1,000	0.36	0	249	1	1,000	0.25	0
26	262	2621	Concession 7 West of Highway 35/115	12	1	500	0.02	0	2	1	500	0.00	0
26	262	2624	Highway 407 West of Highway 35/115	466	2	3,600	0.13	0	159	2	3,600	0.04	0
26	262	2622	Concession 8 West of Highway 35/115	13	1	500	0.03	0	0	1	500	0.00	0
26	262	2623	Regional Road 20 West of Highway 35	0	1	1,000	0.00	0	188	1	1,000	0.19	0
27	270	2701	Lakeshore Road West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2702	Concession 1 West of Clarington East Limit	5	1	500	0.01	0	3	1	500	0.01	0
27	270	2703	Highway 401 West of Clarington East Limit	906	3	4,950	0.18	0	1,463	3	4,950	0.30	0
27	270	2704	Highway 2 West of Clarington East Limit	51	1	1,000	0.05	0	3	1	1,000	0.00	0
27	270	2705	Concession 3 West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2706	Concession 4 West of Clarington East Limit	1	1	500	0.00	0	0	1	500	0.00	0
27	270	2707	Concession 5 West of Clarington East Limit	2	1	500	0.00	0	0	1	500	0.00	0
27	270	2708	Ganaraska Road West of Clarington East Limit	92	1	800	0.11	0	27	1	800	0.03	0
30	300	3001	Holt Road North of Highway 401	549	1	700	0.78	0	94	1	700	0.13	0
30	300	3002	Waverly Road/RR57 North of Highway 401	1,183	2	1,800	0.66	0	692	2	1,800	0.38	0
30	300	3003	Liberty Street North of Highway 401	881	1	800	1.10	1	345	1	800	0.43	0
Eastbound/Westbound TOTALS				51,290	113	116,200			27,155	113	116,200		
Northbound/Southbound TOTALS				21,608	99	74,350			11,737	99	74,350		

Cap = 850

Orange = V/C ratio 0.80 - 0.90

Red = V/C ratio > 0.90

Yellow = Extra Lanes Required

Cap Threshold % 0.9

Clarington TMP
Screenline Deficiency Analysis - AM Peak Hour

HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31242
 NETWORK: 2031 Preferred Alternative A
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: AM Peak Hour

Eastbound/Westbound Screenline Deficiency Analysis

SL ID	Screenline	Eastbound					Westbound				
		AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
200	East of Clarington West Border (Highway 401 to Lawson Road)	3,587	14	13,100	0.27	0	7,443	14	13,100	0.57	0
201	East of Clarington West Border (Pebblestone Road to Concession 9)	707	9	9,000	0.08	0	2,245	9	9,000	0.25	0
210	West of Courtice Road (Highway 401 to George Reynolds Drive)	3,754	12	11,800	0.32	0	5,812	12	11,800	0.49	0
211	West of Courtice Road/East of Enfield Road (Pebblstone Road to Concession 6)	751	5	6,100	0.12	0	1,722	5	6,100	0.28	0
220	West of Holt Road (South Service Road to Nash Road)	2,385	9	9,550	0.25	0	6,156	9	9,550	0.64	0
230	East of Maple Grove Road (South Service Road to Nash Road)	2,153	10	11,050	0.19	0	6,388	10	11,050	0.58	0
240	Bowmanville Creek (Highway 401 to Highway 2)	2,342	6	7,450	0.31	0	4,588	6	7,450	0.62	0
241	East of Regional Road 57 (Longworth Avenue to Concession 3)	208	3	2,400	0.09	0	1,405	3	2,400	0.59	0
242	West of Regional Road 57 (Concession 4 to Boundary Road)	423	10	8,400	0.05	0	1,386	10	8,400	0.16	0
250	West of Lambs Road (Highway 401 to Highway 2)	1,900	5	6,650	0.29	0	3,482	5	6,650	0.52	0
251	West of Lambs Road (Concession Street to Concession 3)	191	2	1,500	0.13	0	248	2	1,500	0.17	0
252	West of Bethesda Road (Concession 4 to Regional Road 20)	365	8	8,000	0.05	0	705	8	8,000	0.09	0
260	West of Highway 35/115 (Highway 401 to Highway 2)	1,715	4	5,950	0.29	0	2,972	4	5,950	0.50	0
261	East of Darlington Clarke Townline (Concession 3 to Taunton Road)	258	4	3,100	0.08	0	514	4	3,100	0.17	0
262	West of Highway 35/115 (Concession 7 to Regional Road 20)	145	5	5,600	0.03	0	220	5	5,600	0.04	0
270	West of Clarington East Boundary (Lakeshore Road to Ganaraska Road)	1,056	10	9,250	0.11	0	1,166	10	9,250	0.13	0

Northbound/Southbound Screenline Deficiency Analysis

SL ID	Screenline	Northbound					Southbound				
		AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
100	North of Baseline Road (Prestonvale Road to East Durham Link)	104	5	5,500	0.02	0	1,204	5	5,500	0.22	0
101	North of Baseline Road (Solina Road to Maple Grove Road)	103	3	1,800	0.06	0	647	3	1,800	0.36	0
102	North of Baseline Road (Green Road to Bennett Road)	978	9	5,800	0.17	0	3,033	9	5,800	0.52	0
110	South of Highway 2 (Townline Road to Hancock Road)	1,072	7	4,050	0.26	0	1,015	7	4,050	0.25	0
111	South of Highway 2 (Solina Road to Maple Grove Road)	124	4	2,300	0.05	0	869	4	2,300	0.38	0
120	North of Highway 2 (Townline Road to East Durham Link)	1,328	9	7,800	0.17	0	1,752	9	7,800	0.22	0
121	North of Highway 2 (Solina Road to Maple Grove Road)	100	5	3,100	0.03	0	919	5	3,100	0.30	0
122	North of Highway 2 (Green Road to Lambs Road)	594	7	5,150	0.12	0	2,755	7	5,150	0.53	0
130	South of Nash Road/Concession Road (Green Road to Lambs Road)	518	8	5,400	0.10	0	779	8	5,400	0.14	0
140	North of Taunton Road (Townline Road to East Durham Link)	636	7	6,600	0.10	0	580	7	6,600	0.09	0
141	North of Taunton Road (Holt Road to Highway 35/115)	1,414	13	9,300	0.15	0	1,221	13	9,300	0.13	0
142	North of Taunton Road (Jewel Road to Shiloh Road)	0	4	2,200	0.00	0	16	4	2,200	0.01	0
150	North of Regional Road 3 (Townline Road to Liberty Street)	23	5	3,300	0.01	0	181	5	3,300	0.05	0
151	South of Clarington North Border (Darlington-Clarke Townline to Highway 35/115)	1,068	7	8,100	0.13	0	1,136	7	8,100	0.14	0
160	South of Highway 2 (Mill Street)	328	1	700	0.47	0	379	1	700	0.54	0
170	North of Highway 2 (Manvers Road to Arthur Street)	55	2	1,250	0.04	0	214	2	1,250	0.17	0
300	North of Highway 401 (Holt Road to Lambs Road)	733	5	4,100	0.18	0	2,746	5	4,100	0.67	0

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90

 = Extra Lanes Required

Cap Thres % 0.9

Clarington TMP
Deficiency Analysis - Link Level

HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31242
 NETWORK: 2031 Preferred Alternative A
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: AM Peak Hour

Link Level Deficiency Analysis

MSL ID	SL ID	Link Tag	Description	Northbound/Eastbound					Southbound/Westbound				
				AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
10	100	1001	Prestonvale Road North of Baseline Road	5	1	550	0.01	0	161	1	550	0.29	0
10	100	1002	Trulls Road North of Baseline Road	1	1	550	0.00	0	131	1	550	0.24	0
10	100	1003	Courtice Road North of Baseline Road	59	1	800	0.07	0	675	1	800	0.84	0
10	100	1004	East Durham Link North of Baseline Road	38	2	3,600	0.01	0	237	2	3,600	0.07	0
10	101	1011	Solina Road North of Baseline Road	0	1	500	0.00	0	88	1	500	0.18	0
10	101	1012	Holt Road North of Baseline Road	103	1	800	0.13	0	559	1	800	0.70	0
10	101	1013	Maple Grove Road North of Baseline Road	0	1	500	0.00	0	0	1	500	0.00	0
10	102	1021	Green Road North of Baseline Road	11	1	500	0.02	0	184	1	500	0.37	0
10	102	1022	West Side Drive North of Baseline Road	34	1	400	0.09	0	191	1	400	0.48	0
10	102	1023	Regional Road 57 North of Baseline Road	498	2	1,800	0.28	0	1,005	2	1,800	0.56	0
10	102	1024	Liberty Street South North of Baseline Road	328	1	800	0.41	0	645	1	800	0.81	0
10	102	1025	Simpson Avenue North of Baseline Road	5	1	400	0.01	0	237	1	400	0.59	0
10	102	1026	Haines Street North of Baseline Road	17	1	600	0.03	0	113	1	600	0.19	0
10	102	1027	Lambs Road North of Baseline Road	50	1	700	0.07	0	382	1	700	0.55	0
10	102	1028	Bennett Road North of Baseline Road	35	1	600	0.06	0	277	1	600	0.46	0
11	110	1101	Townline Road South of Highway 2	88	1	700	0.13	0	122	1	700	0.17	0
11	110	1102	Darlington Blvd South of Highway 2	29	1	400	0.07	0	13	1	400	0.03	0
11	110	1103	Prestonvale Road South of Highway 2	430	1	550	0.78	0	161	1	550	0.29	0
11	110	1104	Sandringham Drive South of Highway 2	42	1	400	0.11	0	1	1	400	0.00	0
11	110	1105	Trulls Road South of Highway 2	324	1	700	0.46	0	174	1	700	0.25	0
11	110	1106	Courtice Road South of Highway 2	158	1	800	0.20	0	544	1	800	0.68	0
11	110	1107	Hancock Road South of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
11	111	1111	Solina Road South of Highway 2	0	1	500	0.00	0	55	1	500	0.11	0
11	111	1112	Rundle Road South of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
11	111	1113	Holt Road South of Highway 2	82	1	800	0.10	0	648	1	800	0.81	0
11	111	1114	Maple Grove Road South of Highway 2	42	1	500	0.08	0	166	1	500	0.33	0
12	120	1201	Townline Road North of Highway 2	111	2	1,400	0.08	0	201	2	1,400	0.14	0
12	120	1202	Varcoe Road North of Highway 2	57	1	400	0.14	0	101	1	400	0.25	0
12	120	1203	Centerfield Drive North of Highway 2	129	1	400	0.32	0	172	1	400	0.43	0
12	120	1204	Trulls Road North of Highway 2	339	1	700	0.48	0	296	1	700	0.42	0
12	120	1205	Courtice Road North of Highway 2	520	1	800	0.65	0	665	1	800	0.83	0
12	120	1206	Hancock Road North of Highway 2	10	1	500	0.02	0	30	1	500	0.06	0
12	120	1207	East Durham Link North of Highway 2	162	2	3,600	0.05	0	286	2	3,600	0.08	0
12	121	1211	Solina Road North of Highway 2	2	1	500	0.00	0	4	1	500	0.01	0
12	121	1212	Rundle Road North of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
12	121	1213	Holt Road North of Highway 2	90	2	1,600	0.06	0	914	2	1,600	0.57	0
12	121	1214	Maple Grove Road North of Highway 2	9	1	500	0.02	0	1	1	500	0.00	0
12	122	1221	Green Road North of Highway 2	68	1	500	0.14	0	321	1	500	0.64	0
12	122	1222	Regional Road 57 North of Highway 2	143	2	2,000	0.07	0	638	2	2,000	0.32	0
12	122	1223	Scugog Street North of Church Street	173	1	550	0.31	0	553	1	550	1.01	1
12	122	1224	Liberty Street N North of Church Street	113	1	800	0.14	0	559	1	800	0.70	0
12	122	1225	Mearns Avenue North of Highway 2	36	1	600	0.06	0	346	1	600	0.58	0
12	122	1226	Lambs Road North of Highway 2	61	1	700	0.09	0	338	1	700	0.48	0
13	130	1301	Green Road South of Nash Road	0	1	800	0.00	0	0	1	800	0.00	0
13	130	1302	Nash Road South of Nash Road	3	1	500	0.01	0	0	1	500	0.00	0
13	130	1303	Regional Road 57 South of Concession 3	233	1	1,000	0.23	0	472	1	1,000	0.47	0
13	130	1304	W Scugog Lane South of Concession 3	0	1	400	0.00	0	0	1	400	0.00	0
13	130	1305	Scugog Street South of Concession 3	127	1	600	0.21	0	40	1	600	0.07	0
13	130	1306	Liberty Street N South of Concession 3	118	1	800	0.15	0	239	1	800	0.30	0
13	130	1307	Mearns Avenue South of Concession 3	6	1	600	0.01	0	7	1	600	0.01	0
13	130	1308	Lambs Road South of Concession 3	31	1	700	0.04	0	22	1	700	0.03	0
14	140	1401	Townline Road North of Taunton Road	102	1	500	0.20	0	165	1	500	0.33	0
14	140	1402	Langmaid Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	140	1403	Enfield Road North of Taunton Road	460	1	1,000	0.46	0	250	1	1,000	0.25	0
14	140	1404	Washington Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	140	1405	Solina Road North of Taunton Road	35	1	500	0.07	0	63	1	500	0.13	0
14	140	1406	East Durham Link North of Taunton Road	40	2	3,600	0.01	0	102	2	3,600	0.03	0
14	141	14101	Holt Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14102	McCallum Street North of Taunton Road	7	1	400	0.02	0	28	1	400	0.07	0
14	141	14103	King Lane North of Taunton Road	0	1	400	0.00	0	0	1	400	0.00	0
14	141	14104	Old Scugog Road North of Taunton Road	70	1	700	0.10	0	50	1	700	0.07	0
14	141	14105	Regional Road 57 North of Taunton Road	398	1	1,000	0.40	0	146	1	1,000	0.15	0
14	141	14106	Middle Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14107	Liberty Street N North of Taunton Road	2	1	700	0.00	0	33	1	700	0.05	0
14	141	14108	Bethesda Road North of Taunton Road	1	1	800	0.00	0	3	1	800	0.00	0
14	141	14110	Darlington Clarke Townline North of Taunton Road	6	1	500	0.01	0	9	1	500	0.02	0
14	141	14111	Leskard Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14112	Best Road North of Taunton Road	5	1	500	0.01	0	0	1	500	0.00	0
14	141	14113	Highway 35/115 North of Taunton Road	926	2	2,800	0.33	0	952	2	2,800	0.34	0
14	142	1421	Jewel Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
14	142	1422	Henry Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
14	142	1423	Newtonville Road South of Ganaraska Road	0	1	700	0.00	0	16	1	700	0.02	0
14	142	1424	Shiloh Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
15	150	1501	Townline Road North of Regional Road 3	0	1	500	0.00	0	0	1	500	0.00	0
15	150	1502	Enfield Road North of Regional Road 3	1	1	500	0.00	0	69	1	500	0.14	0
15	150	1503	Old Scugog Road North of Regional Road 3	2	1	500	0.00	0	15	1	500	0.03	0
15	150	1504	Regional Road 57 North of Regional Road 3	9	1	1,000	0.01	0	97	1	1,000	0.10	0
15	150	1505	Liberty Street North of Concession 8	10	1	800	0.01	0	0	1	800	0.00	0
15	151	1511	Darlington Clarke Townline South of Boundary Road	39	1	1,000	0.04	0	0	1	1,000	0.00	0
15	151	1512	Mosport Road South of Boundary Road	0	1	500	0.00	0	0	1	500	0.00	0
15	151	1513	Best Road South of Boundary Road	0	1	1,000	0.00	0	0	1	1,000	0.00	0
15	151	1514	Highway 35 South of Boundary Road	198	2	2,000	0.10	0	462	2	2,000	0.23	0
15	151	1515	Highway 115 South of Boundary Road	832	2	3,600	0.23	0	673	2	3,600	0.19	0
16	160	1601	Mill Street North of Highway 401	328	1	700	0.47	0	379	1	700	0.54	0
17	170	1701	Manvers Road North of Highway 2	37	1	700	0.05	0	156	1	700	0.22	0
17	170	1702	Arthur Street North of Highway 2	19	1	550	0.03	0	58	1	550	0.11	0
20	200	2001	Highway 401 East of Harmony Road	2,608	4	6,600	0.40	0	4,556	4	6,600	0.69	0
20	200	2002	Bingham Gate East of Townline Road	3	1	500	0.01	0	262	1	500	0.52	0
20	200	2003	Gord Vinson Avenue East of Townline Road	110	1	600	0.18	0	193	1	600	0.32	0
20	200	2004	Bloor Road East of Townline Road	194	1	750	0.26	0	637	1	750	0.85	0
20	200	2005	Glenabbey Drive East of Townline Road	3	1	600	0.01	0	358	1	600	0.60	0
20	200	2006	Kingswood Drive East of Townline Road	7	1	600	0.01	0	65	1	600	0.11	0
20	200	2007	Kingsway Gate East of Townline Road	0	1	400	0.00	0	0	1	400	0.00	0
20	200	2008	Highway 2 East of Townline Road	616	2	1,800	0.34	0	1,321	2	1,800	0.73	0
20	200	2009	Nash Road East of Townline Road	37	1	550	0.07	0	17	1	550	0.03	0
20	200	20010	Lawson Road East of Townline Road	8	1	700	0.01	0	35	1	700	0.05	0

20	201	2011	Pebblestone Road East of Townline Road	33	1	800	0.04	0	168	1	800	0.21	0
20	201	2012	Taunton Road East of Townline Road	299	2	2,000	0.15	0	785	2	2,000	0.39	0
20	201	2013	Concession 6 East of Townline Road	63	1	700	0.09	0	189	1	700	0.27	0
20	201	2017	Highway 407 West of Enfield Road	309	2	3,600	0.09	0	1,001	2	3,600	0.28	0
20	201	2014	Concession 7 East of Townline Road	1	1	600	0.00	0	20	1	600	0.03	0
20	201	2015	Regional Road 3 East of Townline Road	2	1	800	0.00	0	68	1	800	0.09	0
20	201	2016	Concession 9 East of Townline Road	0	1	500	0.00	0	13	1	500	0.03	0
21	210	2101	Highway 401 West of Courtice Road	2,608	4	6,600	0.40	0	4,556	4	6,600	0.69	0
21	210	2102	Baseline Road West of Courtice Road	138	1	700	0.20	0	102	1	700	0.15	0
21	210	2103	Bloor Street West of Courtice Road	233	1	700	0.33	0	150	1	700	0.21	0
21	210	2108	Meadowglade Road Extension West of Courtice Road	134	1	500	0.27	0	52	1	500	0.10	0
21	210	2104	Sandringham Drive West of Courtice Road	41	1	400	0.10	0	54	1	400	0.14	0
21	210	2105	Highway 2 West of Courtice Road	596	2	1,800	0.33	0	888	2	1,800	0.49	0
21	210	2106	Nash Road West of Courtice Road	3	1	700	0.00	0	7	1	700	0.01	0
21	210	2107	George Reynolds Drive West of Courtice Road	1	1	400	0.00	0	3	1	400	0.01	0
21	211	2111	Pebblestone Road West of Courtice Road	141	1	800	0.18	0	88	1	800	0.11	0
21	211	2112	Taunton Road West of Courtice Road	435	1	1,000	0.44	0	871	1	1,000	0.87	0
21	211	2114	Highway 407 East of Enfield Road	166	2	3,600	0.05	0	649	2	3,600	0.18	0
21	211	2113	Concession 6 West of Courtice Road	9	1	700	0.01	0	114	1	700	0.16	0
22	220	2201	South Service Road West of Holt Road	0	1	500	0.00	0	199	1	500	0.40	0
22	220	2202	Highway 401 West of Holt Road	1,866	3	4,950	0.38	0	4,310	3	4,950	0.87	0
22	220	2203	Baseline Road West of Holt Road	18	1	700	0.03	0	226	1	700	0.32	0
22	220	2204	Bloor Street West of Holt Road	25	1	700	0.04	0	255	1	700	0.36	0
22	220	2205	Highway 2 West of Holt Road	477	2	2,000	0.24	0	1,166	2	2,000	0.58	0
22	220	2206	Nash Road West of Holt Road	0	1	700	0.00	0	0	1	700	0.00	0
23	230	2301	South Service Road East of Holt Road	5	1	500	0.01	0	5	1	500	0.01	0
23	230	2302	Highway 401 East of Holt Road	1,550	3	4,950	0.31	0	4,037	3	4,950	0.82	0
23	230	2303	Baseline Road West of Green Road	52	1	800	0.06	0	520	1	800	0.65	0
23	230	2304	Highway 2 East of Maple Grove Road	459	2	2,400	0.19	0	1,008	2	2,400	0.42	0
23	230	2306	Longworth Avenue East of Maple Grove Road	87	2	1,600	0.05	0	815	2	1,600	0.51	0
23	230	2305	Nash Road East of Maple Grove Road	0	1	800	0.00	0	3	1	800	0.00	0
24	240	2401	Highway 401 at Bowmanville Creek	1,712	3	4,950	0.35	0	3,711	3	4,950	0.75	0
24	240	2402	Baseline Road at Bowmanville Creek	245	1	700	0.35	0	225	1	700	0.32	0
24	240	2403	Highway 2 at Bowmanville Creek	385	2	1,800	0.21	0	651	2	1,800	0.36	0
24	241	2411	Longworth Avenue East of Regional Road 57	165	2	1,600	0.10	0	950	2	1,600	0.59	0
24	241	2412	Concession 3 of Regional Road 57	43	1	800	0.05	0	455	1	800	0.57	0
24	242	2421	Concession 4 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2422	Taunton Road West of Regional Road 57	266	1	1,000	0.27	0	667	1	1,000	0.67	0
24	242	2423	Concession 6 West of Regional Road 57	2	1	700	0.00	0	48	1	700	0.07	0
24	242	2424	Concession 7 West of Regional Road 57	0	1	600	0.00	0	0	1	600	0.00	0
24	242	2425	Regional Road 3 West of Regional Road 57	42	1	500	0.08	0	11	1	500	0.02	0
24	242	2426	Concession 9 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2427	Concession 10 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2428	Boundary Road West of Regional Road 57	3	1	500	0.01	0	5	1	500	0.01	0
24	242	2429	Highway 407 West of Regional Road 57	110	2	3,600	0.03	0	654	2	3,600	0.18	0
25	250	2501	Highway 401 West of Bennett Road	1,649	3	4,950	0.33	0	2,920	3	4,950	0.59	0
25	250	2502	Baseline Road West of Lambs Road	163	1	700	0.23	0	297	1	700	0.42	0
25	250	2503	Highway 2 West of Lambs Road	89	1	1,000	0.09	0	265	1	1,000	0.27	0
25	251	2511	Concession Street West of Lambs Road	169	1	700	0.24	0	212	1	700	0.30	0
25	251	2512	Concession 3 West of Lambs Road	22	1	800	0.03	0	35	1	800	0.04	0
25	252	2521	Concession 4 West of Lambs Road	3	1	500	0.01	0	0	1	500	0.00	0
25	252	2522	Taunton Road West of Bethesda Road	209	1	1,000	0.21	0	478	1	1,000	0.48	0
25	252	2527	Highway 407 East of Regional Road 57	108	2	3,600	0.03	0	225	2	3,600	0.06	0
25	252	2523	Concession 6 West of Bethesda Road	3	1	700	0.00	0	1	1	700	0.00	0
25	252	2524	Concession 7 West of Bethesda Road	3	1	500	0.01	0	1	1	500	0.00	0
25	252	2525	Concession 8 West of Bethesda Road	10	1	700	0.01	0	0	1	700	0.00	0
25	252	2526	Regional Road 20 West of Liberty Street	29	1	1,000	0.03	0	0	1	1,000	0.00	0
26	260	2601	Highway 401 West of Highway 35/115	1,663	3	4,950	0.34	0	2,632	3	4,950	0.53	0
26	260	2602	Highway 2 West of Highway 35/115	52	1	1,000	0.05	0	340	1	1,000	0.34	0
26	261	2611	Concession 3 East of Darlington Clarke Townline	53	1	800	0.07	0	114	1	800	0.14	0
26	261	2612	Concession 4 East of Darlington Clarke Townline	1	1	800	0.00	0	1	1	800	0.00	0
26	261	2613	Concession 5 East of Darlington Clarke Townline	2	1	500	0.00	0	1	1	500	0.00	0
26	261	2614	Taunton Road East of Darlington Clarke Townline	201	1	1,000	0.20	0	398	1	1,000	0.40	0
26	262	2621	Concession 7 West of Highway 35/115	2	1	500	0.00	0	15	1	500	0.03	0
26	262	2624	Highway 407 West of Highway 35/115	97	2	3,600	0.03	0	206	2	3,600	0.06	0
26	262	2622	Concession 8 West of Highway 35/115	7	1	500	0.01	0	0	1	500	0.00	0
26	262	2623	Regional Road 20 West of Highway 35	39	1	1,000	0.04	0	0	1	1,000	0.00	0
27	270	2701	Lakeshore Road West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2702	Concession 1 West of Clarington East Limit	2	1	500	0.00	0	4	1	500	0.01	0
27	270	2703	Highway 401 West of Clarington East Limit	1,031	3	4,950	0.21	0	1,030	3	4,950	0.21	0
27	270	2704	Highway 2 West of Clarington East Limit	3	1	1,000	0.00	0	43	1	1,000	0.04	0
27	270	2705	Concession 3 West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2706	Concession 4 West of Clarington East Limit	0	1	500	0.00	0	1	1	500	0.00	0
27	270	2707	Concession 5 West of Clarington East Limit	0	1	500	0.00	0	3	1	500	0.01	0
27	270	2708	Canaraska Road West of Clarington East Limit	21	1	800	0.03	0	85	1	800	0.11	0
30	300	3001	Holt Road North of Highway 401	189	2	1,600	0.12	0	905	2	1,600	0.57	0
30	300	3002	Waverly Road/RR57 North of Highway 401	445	2	1,800	0.25	0	950	2	1,800	0.53	0
30	300	3003	Liberty Street North of Highway 401	100	1	700	0.14	0	891	1	700	1.27	1
Eastbound/Westbound TOTALS				21,942	116	118,900			46,452	116	118,900		
Northbound/Southbound TOTALS				9,179	101	76,450			19,446	101	76,450		

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90
 = Extra Lanes Required

Cap Threshold % 0.9

Clarington TMP
Screenline Deficiency Analysis - PM Peak Hour


HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31243
 NETWORK: 2031 Preferred Alternative A
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: PM Peak Hour

Eastbound/Westbound Screenline Deficiency Analysis

SL ID	Screenline	Eastbound					Westbound				
		PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
200	East of Clarington West Border (Highway 401 to Lawson Road)	8,183	14	13,100	0.62	0	4,441	14	13,100	0.34	0
201	East of Clarington West Border (Pebblestone Road to Concession 9)	2,433	9	9,000	0.27	0	883	9	9,000	0.10	0
210	West of Courtice Road (Highway 401 to George Reynolds Drive)	5,952	12	11,800	0.50	0	4,369	12	11,800	0.37	0
211	West of Courtice Road/East of Enfield Road (Pebblstone Road to Concession 6)	1,842	5	6,100	0.30	0	780	5	6,100	0.13	0
220	West of Holt Road (South Service Road to Nash Road)	6,290	9	9,550	0.66	0	2,711	9	9,550	0.28	0
230	East of Maple Grove Road (South Service Road to Nash Road)	6,825	10	11,050	0.62	0	2,548	10	11,050	0.23	0
240	Bowmanville Creek (Highway 401 to Highway 2)	5,618	6	7,450	0.75	0	2,948	6	7,450	0.40	0
241	East of Regional Road 57 (Longworth Avenue to Concession 3)	1,649	3	2,400	0.69	0	311	3	2,400	0.13	0
242	West of Regional Road 57 (Concession 4 to Boundary Road)	1,598	10	8,400	0.19	0	538	10	8,400	0.06	0
250	West of Lambs Road (Highway 401 to Highway 2)	4,173	5	6,650	0.63	0	2,336	5	6,650	0.35	0
251	West of Lambs Road (Concession Street to Concession 3)	254	2	1,500	0.17	0	286	2	1,500	0.19	0
252	West of Bethesda Road (Concession 4 to Regional Road 20)	978	8	8,000	0.12	0	626	8	8,000	0.08	0
260	West of Highway 35/115 (Highway 401 to Highway 2)	3,588	4	5,950	0.60	0	2,199	4	5,950	0.37	0
261	East of Darlington Clarke Townline (Concession 3 to Taunton Road)	445	4	3,100	0.14	0	316	4	3,100	0.10	0
262	West of Highway 35/115 (Concession 7 to Regional Road 20)	474	5	5,600	0.08	0	350	5	5,600	0.06	0
270	West of Clarington East Boundary (Lakeshore Road to Ganaraska Road)	1,058	10	9,250	0.11	0	1,497	10	9,250	0.16	0

Northbound/Southbound Screenline Deficiency Analysis

SL ID	Screenline	Eastbound					Westbound				
		PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
100	North of Baseline Road (Prestonvale Road to East Durham Link)	1,241	5	5,500	0.23	0	147	5	5,500	0.03	0
101	North of Baseline Road (Solina Road to Maple Grove Road)	769	3	1,800	0.43	0	227	3	1,800	0.13	0
102	North of Baseline Road (Green Road to Bennett Road)	3,389	9	5,800	0.58	0	1,297	9	5,800	0.22	0
110	South of Highway 2 (Townline Road to Hancock Road)	1,243	7	4,050	0.31	0	1,498	7	4,050	0.37	0
111	South of Highway 2 (Solina Road to Maple Grove Road)	904	4	2,300	0.39	0	252	4	2,300	0.11	0
120	North of Highway 2 (Townline Road to East Durham Link)	1,875	9	7,800	0.24	0	1,690	9	7,800	0.22	0
121	North of Highway 2 (Solina Road to Maple Grove Road)	1,089	5	3,100	0.35	0	131	5	3,100	0.04	0
122	North of Highway 2 (Green Road to Lambs Road)	3,340	7	5,150	0.65	0	937	7	5,150	0.18	0
130	South of Nash Road/Concession Road (Green Road to Lambs Road)	857	8	5,400	0.16	0	535	8	5,400	0.10	0
140	North of Taunton Road (Townline Road to East Durham Link)	716	7	6,600	0.11	0	632	7	6,600	0.10	0
141	North of Taunton Road (Holt Road to Highway 35/115)	1,433	13	9,300	0.15	0	1,452	13	9,300	0.16	0
142	North of Taunton Road (Jewel Road to Shiloh Road)	2	4	2,200	0.00	0	5	4	2,200	0.00	0
150	North of Regional Road 3 (Townline Road to Liberty Street)	253	5	3,300	0.08	0	25	5	3,300	0.01	0
151	South of Clarington North Border (Darlington-Clarke Townline to Highway 35/115)	1,570	7	8,100	0.19	0	1,304	7	8,100	0.16	0
160	South of Highway 2 (Mill Street)	518	1	700	0.74	0	159	1	700	0.23	0
170	North of Highway 2 (Manvers Road to Arthur Street)	331	2	1,250	0.26	0	68	2	1,250	0.05	0
300	North of Highway 401 (Holt Road to Lambs Road)	2,978	5	4,200	0.71	0	1,317	5	4,200	0.31	0

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90

 = Extra Lanes Required

Cap Thres % 0.9




Clarington TMP
Deficiency Analysis - Link Level

HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31243
 NETWORK: 2031 Preferred Alternative A
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: PM Peak Hour

Link Level Deficiency Analysis

MSL ID	SL ID	Link Tag	Description	Northbound/Eastbound					Southbound/Westbound				
				PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
10	100	1001	Prestonvale Road North of Baseline Road	243	1	550	0.44	0	7	1	550	0.01	0
10	100	1002	Trulls Road North of Baseline Road	132	1	550	0.24	0	1	1	550	0.00	0
10	100	1003	Courtice Road North of Baseline Road	664	1	800	0.83	0	98	1	800	0.12	0
10	100	1004	East Durham Link North of Baseline Road	201	2	3,600	0.06	0	41	2	3,600	0.01	0
10	101	1011	Solina Road North of Baseline Road	123	1	500	0.25	0	0	1	500	0.00	0
10	101	1012	Holt Road North of Baseline Road	645	1	800	0.81	0	227	1	800	0.28	0
10	101	1013	Maple Grove Road North of Baseline Road	0	1	500	0.00	0	0	1	500	0.00	0
10	102	1021	Green Road North of Baseline Road	230	1	500	0.46	0	17	1	500	0.03	0
10	102	1022	West Side Drive North of Baseline Road	195	1	400	0.49	0	4	1	400	0.01	0
10	102	1023	Regional Road 57 North of Baseline Road	1,174	2	1,800	0.65	0	764	2	1,800	0.42	0
10	102	1024	Liberty Street South North of Baseline Road	688	1	800	0.86	0	281	1	800	0.35	0
10	102	1025	Simpson Avenue North of Baseline Road	235	1	400	0.59	0	46	1	400	0.12	0
10	102	1026	Haines Street North of Baseline Road	167	1	600	0.28	0	19	1	600	0.03	0
10	102	1027	Lambs Road North of Baseline Road	448	1	700	0.64	0	68	1	700	0.10	0
10	102	1028	Bennett Road North of Baseline Road	252	1	600	0.42	0	98	1	600	0.16	0
11	110	1101	Townline Road South of Highway 2	155	1	700	0.22	0	135	1	700	0.19	0
11	110	1102	Darlington Blvd South of Highway 2	22	1	400	0.05	0	49	1	400	0.12	0
11	110	1103	Prestonvale Road South of Highway 2	281	1	550	0.51	0	551	1	550	1.00	1
11	110	1104	Sandringham Drive South of Highway 2	0	1	400	0.00	0	98	1	400	0.25	0
11	110	1105	Trulls Road South of Highway 2	223	1	700	0.32	0	454	1	700	0.65	0
11	110	1106	Courtice Road South of Highway 2	562	1	800	0.70	0	211	1	800	0.26	0
11	110	1107	Hancock Road South of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
11	111	1111	Solina Road South of Highway 2	40	1	500	0.08	0	0	1	500	0.00	0
11	111	1112	Rundle Road South of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
11	111	1113	Holt Road South of Highway 2	705	1	800	0.88	0	196	1	800	0.24	0
11	111	1114	Maple Grove Road South of Highway 2	158	1	500	0.32	0	56	1	500	0.11	0
12	120	1201	Townline Road North of Highway 2	322	2	1,400	0.23	0	205	2	1,400	0.15	0
12	120	1202	Varcoe Road North of Highway 2	165	1	400	0.41	0	114	1	400	0.29	0
12	120	1203	Centerfield Drive North of Highway 2	84	1	400	0.21	0	177	1	400	0.44	0
12	120	1204	Trulls Road North of Highway 2	345	1	700	0.49	0	449	1	700	0.64	0
12	120	1205	Courtice Road North of Highway 2	679	1	800	0.85	0	511	1	800	0.64	0
12	120	1206	Hancock Road North of Highway 2	32	1	500	0.06	0	14	1	500	0.03	0
12	120	1207	East Durham Link North of Highway 2	249	2	3,600	0.07	0	220	2	3,600	0.06	0
12	121	1211	Solina Road North of Highway 2	6	1	500	0.01	0	3	1	500	0.01	0
12	121	1212	Rundle Road North of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
12	121	1213	Holt Road North of Highway 2	1,078	2	1,600	0.67	0	111	2	1,600	0.07	0
12	121	1214	Maple Grove Road North of Highway 2	6	1	500	0.01	0	16	1	500	0.03	0
12	122	1221	Green Road North of Highway 2	359	1	500	0.72	0	94	1	500	0.19	0
12	122	1222	Regional Road 57 North of Highway 2	829	2	2,000	0.41	0	313	2	2,000	0.16	0
12	122	1223	Scugog Street North of Church Street	701	1	550	1.27	1	222	1	550	0.40	0
12	122	1224	Liberty Street N North of Church Street	655	1	800	0.82	0	193	1	800	0.24	0
12	122	1225	Mearns Avenue North of Highway 2	407	1	600	0.68	0	47	1	600	0.08	0
12	122	1226	Lambs Road North of Highway 2	389	1	700	0.56	0	69	1	700	0.10	0
13	130	1301	Green Road South of Nash Road	0	1	800	0.00	0	0	1	800	0.00	0
13	130	1302	Nash Road South of Nash Road	0	1	500	0.00	0	7	1	500	0.01	0
13	130	1303	Regional Road 57 South of Concession 3	492	1	1,000	0.49	0	268	1	1,000	0.27	0
13	130	1304	W Scugog Lane South of Concession 3	0	1	400	0.00	0	32	1	400	0.08	0
13	130	1305	Scugog Street South of Concession 3	47	1	600	0.08	0	88	1	600	0.15	0
13	130	1306	Liberty Street N South of Concession 3	281	1	800	0.35	0	79	1	800	0.10	0
13	130	1307	Mearns Avenue South of Concession 3	10	1	600	0.02	0	17	1	600	0.03	0
13	130	1308	Lambs Road South of Concession 3	28	1	700	0.04	0	45	1	700	0.06	0
14	140	1401	Townline Road North of Taunton Road	191	1	500	0.38	0	183	1	500	0.37	0
14	140	1402	Langmaid Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	140	1403	Enfield Road North of Taunton Road	327	1	1,000	0.33	0	330	1	1,000	0.33	0
14	140	1404	Washington Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	140	1405	Solina Road North of Taunton Road	75	1	500	0.15	0	40	1	500	0.08	0
14	140	1406	East Durham Link North of Taunton Road	123	2	3,600	0.03	0	80	2	3,600	0.02	0
14	141	14101	Holt Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14102	McCallum Street North of Taunton Road	26	1	400	0.07	0	9	1	400	0.02	0
14	141	14103	King Lane North of Taunton Road	0	1	400	0.00	0	0	1	400	0.00	0
14	141	14104	Old Scugog Road North of Taunton Road	44	1	700	0.06	0	114	1	700	0.16	0
14	141	14105	Regional Road 57 North of Taunton Road	183	1	1,000	0.18	0	368	1	1,000	0.37	0
14	141	14106	Middle Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14107	Liberty Street N North of Taunton Road	21	1	700	0.03	0	4	1	700	0.01	0
14	141	14108	Bethesda Road North of Taunton Road	3	1	800	0.00	0	1	1	800	0.00	0
14	141	14110	Darlington Clarke Townline North of Taunton Road	7	1	500	0.01	0	6	1	500	0.01	0
14	141	14111	Leskard Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14112	Best Road North of Taunton Road	7	1	500	0.01	0	0	1	500	0.00	0
14	141	14113	Highway 35/115 North of Taunton Road	1,140	2	2,800	0.41	0	950	2	2,800	0.34	0
14	142	1421	Jewel Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
14	142	1422	Henry Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
14	142	1423	Newtonville Road South of Ganaraska Road	1	1	700	0.00	0	5	1	700	0.01	0
14	142	1424	Shiloh Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
15	150	1501	Townline Road North of Regional Road 3	0	1	500	0.00	0	0	1	500	0.00	0
15	150	1502	Enfield Road North of Regional Road 3	84	1	500	0.17	0	2	1	500	0.00	0
15	150	1503	Old Scugog Road North of Regional Road 3	14	1	500	0.03	0	5	1	500	0.01	0
15	150	1504	Regional Road 57 North of Regional Road 3	155	1	1,000	0.16	0	6	1	1,000	0.01	0
15	150	1505	Liberty Street North of Concession 8	0	1	800	0.00	0	12	1	800	0.02	0
15	151	1511	Darlington Clarke Townline South of Boundary Road	0	1	1,000	0.00	0	189	1	1,000	0.19	0
15	151	1512	Mosport Road South of Boundary Road	0	1	500	0.00	0	0	1	500	0.00	0
15	151	1513	Best Road South of Boundary Road	0	1	1,000	0.00	0	0	1	1,000	0.00	0
15	151	1514	Highway 35 South of Boundary Road	574	2	2,000	0.29	0	307	2	2,000	0.15	0
15	151	1515	Highway 115 South of Boundary Road	996	2	3,600	0.28	0	809	2	3,600	0.22	0
16	160	1601	Mill Street North of Highway 401	518	1	700	0.74	0	159	1	700	0.23	0
17	170	1701	Manvers Road North of Highway 2	264	1	700	0.38	0	48	1	700	0.07	0
17	170	1702	Arthur Street North of Highway 2	67	1	550	0.12	0	20	1	550	0.04	0
20	200	2001	Highway 401 East of Harmony Road	4,502	4	6,600	0.68	0	2,958	4	6,600	0.45	0
20	200	2002	Bingham Gate East of Townline Road	355	1	500	0.71	0	4	1	500	0.01	0
20	200	2003	Gord Vinson Avenue East of Townline Road	333	1	600	0.56	0	175	1	600	0.29	0
20	200	2004	Bloor Road East of Townline Road	655	1	750	0.87	0	288	1	750	0.38	0
20	200	2005	Glenabbey Drive East of Townline Road	418	1	600	0.70	0	5	1	600	0.01	0
20	200	2006	Kingswood Drive East of Townline Road	81	1	600	0.13	0	15	1	600	0.02	0
20	200	2007	Kingsway Gate East of Townline Road	0	1	400	0.00	0	0	1	400	0.00	0
20	200	2008	Highway 2 East of Townline Road	1,601	2	1,800	0.89	0	888	2	1,800	0.49	0
20	200	2009	Nash Road East of Townline Road	177	1	550	0.32	0	95	1	550	0.17	0
20	200	20010	Lawson Road East of Townline Road	60	1	700	0.09	0	14	1	700	0.02	0

20	201	2011	Pebblestone Road East of Townline Road	305	1	800	0.38	0	91	1	800	0.11	0
20	201	2012	Taunton Road East of Townline Road	761	2	2,000	0.38	0	320	2	2,000	0.16	0
20	201	2013	Concession 6 East of Townline Road	278	1	700	0.40	0	51	1	700	0.07	0
20	201	2017	Highway 407 West of Enfield Road	954	2	3,600	0.27	0	419	2	3,600	0.12	0
20	201	2014	Concession 7 East of Townline Road	25	1	600	0.04	0	1	1	600	0.00	0
20	201	2015	Regional Road 3 East of Townline Road	94	1	800	0.12	0	2	1	800	0.00	0
20	201	2016	Concession 9 East of Townline Road	15	1	500	0.03	0	0	1	500	0.00	0
21	210	2101	Highway 401 West of Courtrice Road	4,502	4	6,600	0.68	0	2,958	4	6,600	0.45	0
21	210	2102	Baseline Road West of Courtrice Road	120	1	700	0.17	0	210	1	700	0.30	0
21	210	2103	Bloor Street West of Courtrice Road	133	1	700	0.19	0	319	1	700	0.46	0
21	210	2108	Meadowglade Road extension West of Courtrice Road	52	1	500	0.10	0	147	1	500	0.29	0
21	210	2104	Sandringham Drive West of Courtrice Road	62	1	400	0.15	0	91	1	400	0.23	0
21	210	2105	Highway 2 West of Courtrice Road	1,070	2	1,800	0.59	0	638	2	1,800	0.35	0
21	210	2106	Nash Road West of Courtrice Road	10	1	700	0.01	0	5	1	700	0.01	0
21	210	2107	George Reynolds Drive West of Courtrice Road	3	1	400	0.01	0	2	1	400	0.00	0
21	211	2111	Pebblestone Road West of Courtrice Road	183	1	800	0.23	0	124	1	800	0.15	0
21	211	2112	Taunton Road West of Courtrice Road	732	1	1,000	0.73	0	474	1	1,000	0.47	0
21	211	2114	Highway 407 East of Enfield Road	774	2	3,600	0.21	0	172	2	3,600	0.05	0
21	211	2113	Concession 6 West of Courtrice Road	154	1	700	0.22	0	11	1	700	0.02	0
22	220	2201	South Service Road West of Holt Road	211	1	500	0.42	0	0	1	500	0.00	0
22	220	2202	Highway 401 West of Holt Road	4,219	3	4,950	0.85	0	2,088	3	4,950	0.42	0
22	220	2203	Baseline Road West of Holt Road	232	1	700	0.33	0	22	1	700	0.03	0
22	220	2204	Bloor Street West of Holt Road	217	1	700	0.31	0	33	1	700	0.05	0
22	220	2205	Highway 2 West of Holt Road	1,410	2	2,000	0.70	0	568	2	2,000	0.28	0
22	220	2206	Nash Road West of Holt Road	1	1	700	0.00	0	0	1	700	0.00	0
23	230	2301	South Service Road East of Holt Road	1	1	500	0.00	0	3	1	500	0.01	0
23	230	2302	Highway 401 East of Holt Road	4,158	3	4,950	0.84	0	1,833	3	4,950	0.37	0
23	230	2303	Baseline Road West of Green Road	599	1	800	0.75	0	28	1	800	0.04	0
23	230	2304	Highway 2 East of Maple Grove Road	1,077	2	2,400	0.45	0	575	2	2,400	0.24	0
23	230	2306	Longworth Avenue East of Maple Grove Road	984	2	1,600	0.61	0	108	2	1,600	0.07	0
23	230	2305	Nash Road East of Maple Grove Road	7	1	800	0.01	0	0	1	800	0.00	0
24	240	2401	Highway 401 at Bowmanville Creek	4,082	3	4,950	0.82	0	2,069	3	4,950	0.42	0
24	240	2402	Baseline Road at Bowmanville Creek	509	1	700	0.73	0	302	1	700	0.43	0
24	240	2403	Highway 2 at Bowmanville Creek	1,027	2	1,800	0.57	0	577	2	1,800	0.32	0
24	241	2411	Longworth Avenue East of Regional Road 57	1,234	2	1,600	0.77	0	254	2	1,600	0.16	0
24	241	2412	Concession 3 of Regional Road 57	414	1	800	0.52	0	57	1	800	0.07	0
24	242	2421	Concession 4 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2422	Taunton Road West of Regional Road 57	666	1	1,000	0.67	0	319	1	1,000	0.32	0
24	242	2423	Concession 6 West of Regional Road 57	79	1	700	0.11	0	3	1	700	0.00	0
24	242	2424	Concession 7 West of Regional Road 57	0	1	600	0.00	0	0	1	600	0.00	0
24	242	2425	Regional Road 3 West of Regional Road 57	29	1	500	0.06	0	41	1	500	0.08	0
24	242	2426	Concession 9 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2427	Concession 10 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2428	Boundary Road West of Regional Road 57	5	1	500	0.01	0	1	1	500	0.00	0
24	242	2429	Highway 407 West of Regional Road 57	818	2	3,600	0.23	0	173	2	3,600	0.05	0
25	250	2501	Highway 401 West of Bennett Road	3,425	3	4,950	0.69	0	2,077	3	4,950	0.42	0
25	250	2502	Baseline Road West of Lambs Road	364	1	700	0.52	0	181	1	700	0.26	0
25	250	2503	Highway 2 West of Lambs Road	384	1	1,000	0.38	0	78	1	1,000	0.08	0
25	251	2511	Concession Street West of Lambs Road	204	1	700	0.29	0	258	1	700	0.37	0
25	251	2512	Concession 3 West of Lambs Road	51	1	800	0.06	0	29	1	800	0.04	0
25	252	2521	Concession 4 West of Lambs Road	0	1	500	0.00	0	3	1	500	0.01	0
25	252	2522	Taunton Road West of Bethesda Road	495	1	1,000	0.50	0	259	1	1,000	0.26	0
25	252	2527	Highway 407 East of Regional Road 57	480	2	3,600	0.13	0	168	2	3,600	0.05	0
25	252	2523	Concession 6 West of Bethesda Road	1	1	700	0.00	0	3	1	700	0.00	0
25	252	2524	Concession 7 West of Bethesda Road	2	1	500	0.00	0	3	1	500	0.01	0
25	252	2525	Concession 8 West of Bethesda Road	0	1	700	0.00	0	12	1	700	0.02	0
25	252	2526	Regional Road 20 West of Liberty Street	0	1	1,000	0.00	0	177	1	1,000	0.18	0
26	260	2601	Highway 401 West of Highway 35/115	3,220	3	4,950	0.65	0	2,103	3	4,950	0.42	0
26	260	2602	Highway 2 West of Highway 35/115	368	1	1,000	0.37	0	95	1	1,000	0.10	0
26	261	2611	Concession 3 East of Darlington Clarke Townline	97	1	800	0.12	0	65	1	800	0.08	0
26	261	2612	Concession 4 East of Darlington Clarke Townline	1	1	800	0.00	0	2	1	800	0.00	0
26	261	2613	Concession 5 East of Darlington Clarke Townline	5	1	500	0.01	0	1	1	500	0.00	0
26	261	2614	Taunton Road East of Darlington Clarke Townline	341	1	1,000	0.34	0	249	1	1,000	0.25	0
26	262	2621	Concession 7 West of Highway 35/115	12	1	500	0.02	0	2	1	500	0.00	0
26	262	2624	Highway 407 West of Highway 35/115	450	2	3,600	0.12	0	160	2	3,600	0.04	0
26	262	2622	Concession 8 West of Highway 35/115	12	1	500	0.02	0	0	1	500	0.00	0
26	262	2623	Regional Road 20 West of Highway 35	0	1	1,000	0.00	0	189	1	1,000	0.19	0
27	270	2701	Lakeshore Road West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2702	Concession 1 West of Clarington East Limit	5	1	500	0.01	0	3	1	500	0.01	0
27	270	2703	Highway 401 West of Clarington East Limit	906	3	4,950	0.18	0	1,463	3	4,950	0.30	0
27	270	2704	Highway 2 West of Clarington East Limit	51	1	1,000	0.05	0	3	1	1,000	0.00	0
27	270	2705	Concession 3 West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2706	Concession 4 West of Clarington East Limit	1	1	500	0.00	0	0	1	500	0.00	0
27	270	2707	Concession 5 West of Clarington East Limit	2	1	500	0.00	0	0	1	500	0.00	0
27	270	2708	Canaraska Road West of Clarington East Limit	92	1	800	0.11	0	27	1	800	0.03	0
30	300	3001	Holt Road North of Highway 401	1,070	2	1,600	0.67	0	291	2	1,600	0.18	0
30	300	3002	Waverly Road/RR57 North of Highway 401	1,058	2	1,800	0.59	0	681	2	1,800	0.38	0
30	300	3003	Liberty Street North of Highway 401	850	1	800	1.06	1	345	1	800	0.43	0
Eastbound/Westbound TOTALS				51,360	116	118,900			27,140	116	118,900		
Northbound/Southbound TOTALS				22,508	101	76,550			11,677	101	76,550		

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90
 = Extra Lanes Required

Cap Threshold % 0.9

Clarington TMP
Screenline Deficiency Analysis - AM Peak Hour

HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31244
 NETWORK: 2031 Preferred Alternative B
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: AM Peak Hour

Eastbound/Westbound Screenline Deficiency Analysis

SL ID	Screenline	Eastbound					Westbound				
		AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
200	East of Clarington West Border (Highway 401 to Lawson Road)	3,587	14	13,100	0.27	0	7,455	14	13,100	0.57	0
201	East of Clarington West Border (Pebblestone Road to Concession 9)	708	9	9,000	0.08	0	2,233	9	9,000	0.25	0
210	West of Courtice Road (Highway 401 to George Reynolds Drive)	3,753	12	11,800	0.32	0	5,823	12	11,800	0.49	0
211	West of Courtice Road/East of Enfield Road (Pebblstone Road to Concession 6)	752	5	6,100	0.12	0	1,711	5	6,100	0.28	0
220	West of Holt Road (South Service Road to Nash Road)	2,383	9	9,550	0.25	0	6,148	9	9,550	0.64	0
230	East of Maple Grove Road (South Service Road to Nash Road)	2,152	10	11,050	0.19	0	6,381	10	11,050	0.58	0
240	Bowmanville Creek (Highway 401 to Highway 2)	2,341	6	7,450	0.31	0	4,594	6	7,450	0.62	0
241	East of Regional Road 57 (Longworth Avenue to Concession 3)	208	3	2,400	0.09	0	1,404	3	2,400	0.59	0
242	West of Regional Road 57 (Concession 4 to Boundary Road)	425	10	8,400	0.05	0	1,394	10	8,400	0.17	0
250	West of Lambs Road (Highway 401 to Highway 2)	1,900	5	6,650	0.29	0	3,488	5	6,650	0.52	0
251	West of Lambs Road (Concession Street to Concession 3)	191	2	1,500	0.13	0	247	2	1,500	0.16	0
252	West of Bethesda Road (Concession 4 to Regional Road 20)	366	8	8,000	0.05	0	700	8	8,000	0.09	0
260	West of Highway 35/115 (Highway 401 to Highway 2)	1,715	4	5,950	0.29	0	2,978	4	5,950	0.50	0
261	East of Darlington Clarke Townline (Concession 3 to Taunton Road)	258	4	3,100	0.08	0	506	4	3,100	0.16	0
262	West of Highway 35/115 (Concession 7 to Regional Road 20)	147	5	5,600	0.03	0	223	5	5,600	0.04	0
270	West of Clarington East Boundary (Lakeshore Road to Ganaraska Road)	1,056	10	9,250	0.11	0	1,166	10	9,250	0.13	0

Northbound/Southbound Screenline Deficiency Analysis

SL ID	Screenline	Northbound					Southbound				
		AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
100	North of Baseline Road (Prestonvale Road to East Durham Link)	104	5	5,500	0.02	0	1,214	5	5,500	0.22	0
101	North of Baseline Road (Solina Road to Maple Grove Road)	102	3	1,800	0.06	0	671	3	1,800	0.37	0
102	North of Baseline Road (Green Road to Bennett Road)	982	9	5,800	0.17	0	3,012	9	5,800	0.52	0
110	South of Highway 2 (Townline Road to Hancock Road)	1,074	7	4,050	0.27	0	990	7	4,050	0.24	0
111	South of Highway 2 (Solina Road to Maple Grove Road)	124	5	3,100	0.04	0	928	5	3,100	0.30	0
120	North of Highway 2 (Townline Road to East Durham Link)	1,308	9	7,800	0.17	0	1,744	9	7,800	0.22	0
121	North of Highway 2 (Solina Road to Maple Grove Road)	99	5	3,100	0.03	0	911	5	3,100	0.29	0
122	North of Highway 2 (Green Road to Lambs Road)	594	7	5,150	0.12	0	2,753	7	5,150	0.53	0
130	South of Nash Road/Concession Road (Green Road to Lambs Road)	529	8	5,400	0.10	0	572	8	5,400	0.11	0
140	North of Taunton Road (Townline Road to East Durham Link)	635	7	6,600	0.10	0	577	7	6,600	0.09	0
141	North of Taunton Road (Holt Road to Highway 35/115)	1,414	13	9,300	0.15	0	1,219	13	9,300	0.13	0
142	North of Taunton Road (Jewel Road to Shiloh Road)	0	4	2,200	0.00	0	16	4	2,200	0.01	0
150	North of Regional Road 3 (Townline Road to Liberty Street)	23	5	3,300	0.01	0	181	5	3,300	0.05	0
151	South of Clarington North Border (Darlington-Clarke Townline to Highway 35/115)	1,069	7	8,100	0.13	0	1,136	7	8,100	0.14	0
160	South of Highway 2 (Mill Street)	328	1	700	0.47	0	379	1	700	0.54	0
170	North of Highway 2 (Manvers Road to Arthur Street)	55	2	1,250	0.04	0	214	2	1,250	0.17	0
300	North of Highway 401 (Holt Road to Lambs Road)	736	5	4,100	0.18	0	2,746	5	4,100	0.67	0

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90

 = Extra Lanes Required

Cap Thres % 0.9

Clarington TMP
Deficiency Analysis - Link Level

HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31244
 NETWORK: 2031 Preferred Alternative B
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: AM Peak Hour

Link Level Deficiency Analysis

MSL ID	SL ID	Link Tag	Description	Northbound/Eastbound					Southbound/Westbound				
				AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
10	100	1001	Prestonvale Road North of Baseline Road	6	1	550	0.01	0	172	1	550	0.31	0
10	100	1002	Trulls Road North of Baseline Road	1	1	550	0.00	0	131	1	550	0.24	0
10	100	1003	Courtice Road North of Baseline Road	60	1	800	0.07	0	675	1	800	0.84	0
10	100	1004	East Durham Link North of Baseline Road	38	2	3,600	0.01	0	237	2	3,600	0.07	0
10	101	1011	Solina Road North of Baseline Road	0	1	500	0.00	0	89	1	500	0.18	0
10	101	1012	Holt Road North of Baseline Road	102	1	800	0.13	0	582	1	800	0.73	0
10	101	1013	Maple Grove Road North of Baseline Road	0	1	500	0.00	0	0	1	500	0.00	0
10	102	1021	Green Road North of Baseline Road	11	1	500	0.02	0	167	1	500	0.33	0
10	102	1022	West Side Drive North of Baseline Road	35	1	400	0.09	0	193	1	400	0.48	0
10	102	1023	Regional Road 57 North of Baseline Road	501	2	1,800	0.28	0	998	2	1,800	0.55	0
10	102	1024	Liberty Street South North of Baseline Road	328	1	800	0.41	0	643	1	800	0.80	0
10	102	1025	Simpson Avenue North of Baseline Road	5	1	400	0.01	0	239	1	400	0.60	0
10	102	1026	Haines Street North of Baseline Road	17	1	600	0.03	0	113	1	600	0.19	0
10	102	1027	Lambs Road North of Baseline Road	50	1	700	0.07	0	382	1	700	0.55	0
10	102	1028	Bennett Road North of Baseline Road	35	1	600	0.06	0	277	1	600	0.46	0
11	110	1101	Townline Road South of Highway 2	87	1	700	0.12	0	117	1	700	0.17	0
11	110	1102	Darlington Blvd South of Highway 2	29	1	400	0.07	0	13	1	400	0.03	0
11	110	1103	Prestonvale Road South of Highway 2	429	1	550	0.78	0	144	1	550	0.26	0
11	110	1104	Sandringham Drive South of Highway 2	42	1	400	0.11	0	1	1	400	0.00	0
11	110	1105	Trulls Road South of Highway 2	328	1	700	0.47	0	174	1	700	0.25	0
11	110	1106	Courtice Road South of Highway 2	159	1	800	0.20	0	540	1	800	0.68	0
11	110	1107	Hancock Road South of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
11	111	1111	Solina Road South of Highway 2	0	1	500	0.00	0	55	1	500	0.11	0
11	111	1112	Rundle Road South of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
11	111	1113	Holt Road South of Highway 2	7	1	500	0.01	0	92	1	500	0.18	0
11	111	1114	Maple Grove Road South of Highway 2	118	2	1,600	0.07	0	781	2	1,600	0.49	0
12	120	1201	Townline Road North of Highway 2	111	2	1,400	0.08	0	199	2	1,400	0.14	0
12	120	1202	Varcoe Road North of Highway 2	57	1	400	0.14	0	101	1	400	0.25	0
12	120	1203	Centerfield Drive North of Highway 2	129	1	400	0.32	0	172	1	400	0.43	0
12	120	1204	Trulls Road North of Highway 2	339	1	700	0.48	0	296	1	700	0.42	0
12	120	1205	Courtice Road North of Highway 2	516	1	800	0.64	0	665	1	800	0.83	0
12	120	1206	Hancock Road North of Highway 2	10	1	500	0.02	0	25	1	500	0.05	0
12	120	1207	East Durham Link North of Highway 2	147	2	3,600	0.04	0	286	2	3,600	0.08	0
12	121	1211	Solina Road North of Highway 2	2	1	500	0.00	0	9	1	500	0.02	0
12	121	1212	Rundle Road North of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
12	121	1213	Holt Road North of Highway 2	0	1	500	0.00	0	0	1	500	0.00	0
12	121	1214	Maple Grove Road North of Highway 2	97	2	1,600	0.06	0	902	2	1,600	0.56	0
12	122	1221	Green Road North of Highway 2	68	1	500	0.14	0	321	1	500	0.64	0
12	122	1222	Regional Road 57 North of Highway 2	142	2	2,000	0.07	0	637	2	2,000	0.32	0
12	122	1223	Scugog Street North of Church Street	173	1	550	0.31	0	553	1	550	1.00	1
12	122	1224	Liberty Street N North of Church Street	113	1	800	0.14	0	559	1	800	0.70	0
12	122	1225	Mearns Avenue North of Highway 2	36	1	600	0.06	0	346	1	600	0.58	0
12	122	1226	Lambs Road North of Highway 2	61	1	700	0.09	0	338	1	700	0.48	0
13	130	1301	Green Road South of Nash Road	0	1	800	0.00	0	0	1	800	0.00	0
13	130	1302	Nash Road South of Nash Road	5	1	500	0.01	0	0	1	500	0.00	0
13	130	1303	Regional Road 57 South of Concession 3	234	1	1,000	0.23	0	264	1	1,000	0.26	0
13	130	1304	W Scugog Lane South of Concession 3	0	1	400	0.00	0	0	1	400	0.00	0
13	130	1305	Scugog Street South of Concession 3	132	1	600	0.22	0	40	1	600	0.07	0
13	130	1306	Liberty Street N South of Concession 3	121	1	800	0.15	0	240	1	800	0.30	0
13	130	1307	Mearns Avenue South of Concession 3	6	1	600	0.01	0	7	1	600	0.01	0
13	130	1308	Lambs Road South of Concession 3	31	1	700	0.04	0	21	1	700	0.03	0
14	140	1401	Townline Road North of Taunton Road	102	1	500	0.20	0	165	1	500	0.33	0
14	140	1402	Langmaid Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	140	1403	Enfield Road North of Taunton Road	474	1	1,000	0.47	0	247	1	1,000	0.25	0
14	140	1404	Washington Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	140	1405	Solina Road North of Taunton Road	35	1	500	0.07	0	63	1	500	0.13	0
14	140	1406	East Durham Link North of Taunton Road	25	2	3,600	0.01	0	101	2	3,600	0.03	0
14	141	14101	Holt Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14102	McCallum Street North of Taunton Road	7	1	400	0.02	0	28	1	400	0.07	0
14	141	14103	King Lane North of Taunton Road	0	1	400	0.00	0	0	1	400	0.00	0
14	141	14104	Old Scugog Road North of Taunton Road	70	1	700	0.10	0	50	1	700	0.07	0
14	141	14105	Regional Road 57 North of Taunton Road	398	1	1,000	0.40	0	147	1	1,000	0.15	0
14	141	14106	Middle Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14107	Liberty Street N North of Taunton Road	2	1	700	0.00	0	33	1	700	0.05	0
14	141	14108	Bethesda Road North of Taunton Road	1	1	800	0.00	0	3	1	800	0.00	0
14	141	14110	Darlington Clarke Townline North of Taunton Road	6	1	500	0.01	0	9	1	500	0.02	0
14	141	14111	Leskard Road North of Taunton Road	0	1	500	0.00	0	0	1	500	0.00	0
14	141	14112	Best Road North of Taunton Road	5	1	500	0.01	0	0	1	500	0.00	0
14	141	14113	Highway 35/115 North of Taunton Road	926	2	2,800	0.33	0	949	2	2,800	0.34	0
14	142	1421	Jewel Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
14	142	1422	Henry Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
14	142	1423	Newtonville Road South of Ganaraska Road	0	1	700	0.00	0	16	1	700	0.02	0
14	142	1424	Shiloh Road South of Ganaraska Road	0	1	500	0.00	0	0	1	500	0.00	0
15	150	1501	Townline Road North of Regional Road 3	0	1	500	0.00	0	0	1	500	0.00	0
15	150	1502	Enfield Road North of Regional Road 3	1	1	500	0.00	0	68	1	500	0.14	0
15	150	1503	Old Scugog Road North of Regional Road 3	2	1	500	0.00	0	15	1	500	0.03	0
15	150	1504	Regional Road 57 North of Regional Road 3	9	1	1,000	0.01	0	97	1	1,000	0.10	0
15	150	1505	Liberty Street North of Concession 8	10	1	800	0.01	0	0	1	800	0.00	0
15	151	1511	Darlington Clarke Townline South of Boundary Road	40	1	1,000	0.04	0	0	1	1,000	0.00	0
15	151	1512	Mosport Road South of Boundary Road	0	1	500	0.00	0	0	1	500	0.00	0
15	151	1513	Best Road South of Boundary Road	0	1	1,000	0.00	0	0	1	1,000	0.00	0
15	151	1514	Highway 35 South of Boundary Road	198	2	2,000	0.10	0	463	2	2,000	0.23	0
15	151	1515	Highway 115 South of Boundary Road	832	2	3,600	0.23	0	673	2	3,600	0.19	0
16	160	1601	Mill Street North of Highway 401	328	1	700	0.47	0	379	1	700	0.54	0
17	170	1701	Manvers Road North of Highway 2	37	1	700	0.05	0	156	1	700	0.22	0
17	170	1702	Arthur Street North of Highway 2	19	1	550	0.03	0	58	1	550	0.11	0
20	200	2001	Highway 401 East of Harmony Road	2,611	4	6,600	0.40	0	4,571	4	6,600	0.69	0
20	200	2002	Bingham Gate East of Townline Road	3	1	500	0.01	0	264	1	500	0.53	0
20	200	2003	Gord Vinson Avenue East of Townline Road	110	1	600	0.18	0	191	1	600	0.32	0
20	200	2004	Bloor Road East of Townline Road	194	1	750	0.26	0	641	1	750	0.85	0
20	200	2005	Glenabbey Drive East of Townline Road	3	1	600	0.01	0	355	1	600	0.59	0
20	200	2006	Kingswood Drive East of Townline Road	7	1	600	0.01	0	65	1	600	0.11	0
20	200	2007	Kingsway Gate East of Townline Road	0	1	400	0.00	0	0	1	400	0.00	0
20	200	2008	Highway 2 East of Townline Road	613	2	1,800	0.34	0	1,316	2	1,800	0.73	0
20	200	2009	Nash Road East of Townline Road	37	1	550	0.07	0	17	1	550	0.03	0
20	200	20010	Lawson Road East of Townline Road	8	1	700	0.01	0	35	1	700	0.05	0

20	201	2011	Pebblestone Road East of Townline Road	35	1	800	0.04	0	150	1	800	0.19	0
20	201	2012	Taunton Road East of Townline Road	300	2	2,000	0.15	0	789	2	2,000	0.39	0
20	201	2013	Concession 6 East of Townline Road	61	1	700	0.09	0	189	1	700	0.27	0
20	201	2017	Highway 407 West of Enfield Road	309	2	3,600	0.09	0	1,004	2	3,600	0.28	0
20	201	2014	Concession 7 East of Townline Road	1	1	600	0.00	0	20	1	600	0.03	0
20	201	2015	Regional Road 3 East of Townline Road	2	1	800	0.00	0	68	1	800	0.09	0
20	201	2016	Concession 9 East of Townline Road	0	1	500	0.00	0	13	1	500	0.03	0
21	210	2101	Highway 401 West of Courtice Road	2,611	4	6,600	0.40	0	4,571	4	6,600	0.69	0
21	210	2102	Baseline Road West of Courtice Road	148	1	700	0.21	0	102	1	700	0.15	0
21	210	2103	Bloor Street West of Courtice Road	223	1	700	0.32	0	170	1	700	0.24	0
21	210	2108	Meadowglade Road Extension West of Courtice Road	134	1	500	0.27	0	51	1	500	0.10	0
21	210	2104	Sandringham Drive West of Courtice Road	41	1	400	0.10	0	55	1	400	0.14	0
21	210	2105	Highway 2 West of Courtice Road	592	2	1,800	0.33	0	864	2	1,800	0.48	0
21	210	2106	Nash Road West of Courtice Road	3	1	700	0.00	0	7	1	700	0.01	0
21	210	2107	George Reynolds Drive West of Courtice Road	1	1	400	0.00	0	3	1	400	0.01	0
21	211	2111	Pebblestone Road West of Courtice Road	143	1	800	0.18	0	81	1	800	0.10	0
21	211	2112	Taunton Road West of Courtice Road	433	1	1,000	0.43	0	879	1	1,000	0.88	0
21	211	2114	Highway 407 East of Enfield Road	166	2	3,600	0.05	0	637	2	3,600	0.18	0
21	211	2113	Concession 6 West of Courtice Road	9	1	700	0.01	0	114	1	700	0.16	0
22	220	2201	South Service Road West of Holt Road	0	1	500	0.00	0	199	1	500	0.40	0
22	220	2202	Highway 401 West of Holt Road	1,865	3	4,950	0.38	0	4,312	3	4,950	0.87	0
22	220	2203	Baseline Road West of Holt Road	18	1	700	0.03	0	226	1	700	0.32	0
22	220	2204	Bloor Street West of Holt Road	25	1	700	0.04	0	289	1	700	0.41	0
22	220	2205	Highway 2 West of Holt Road	475	2	2,000	0.24	0	1,122	2	2,000	0.56	0
22	220	2206	Nash Road West of Holt Road	0	1	700	0.00	0	1	1	700	0.00	0
23	230	2301	South Service Road East of Holt Road	5	1	500	0.01	0	5	1	500	0.01	0
23	230	2302	Highway 401 East of Holt Road	1,550	3	4,950	0.31	0	4,024	3	4,950	0.81	0
23	230	2303	Baseline Road West of Green Road	51	1	800	0.06	0	511	1	800	0.64	0
23	230	2304	Highway 2 East of Maple Grove Road	460	2	2,400	0.19	0	1,034	2	2,400	0.43	0
23	230	2306	Longworth Avenue East of Maple Grove Road	86	2	1,600	0.05	0	802	2	1,600	0.50	0
23	230	2305	Nash Road East of Maple Grove Road	0	1	800	0.00	0	5	1	800	0.01	0
24	240	2401	Highway 401 at Bowmanville Creek	1,712	3	4,950	0.35	0	3,717	3	4,950	0.75	0
24	240	2402	Baseline Road at Bowmanville Creek	245	1	700	0.35	0	224	1	700	0.32	0
24	240	2403	Highway 2 at Bowmanville Creek	385	2	1,800	0.21	0	652	2	1,800	0.36	0
24	241	2411	Longworth Avenue East of Regional Road 57	164	2	1,600	0.10	0	943	2	1,600	0.59	0
24	241	2412	Concession 3 of Regional Road 57	44	1	800	0.05	0	461	1	800	0.58	0
24	242	2421	Concession 4 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2422	Taunton Road West of Regional Road 57	267	1	1,000	0.27	0	673	1	1,000	0.67	0
24	242	2423	Concession 6 West of Regional Road 57	2	1	700	0.00	0	48	1	700	0.07	0
24	242	2424	Concession 7 West of Regional Road 57	0	1	600	0.00	0	0	1	600	0.00	0
24	242	2425	Regional Road 3 West of Regional Road 57	43	1	500	0.09	0	11	1	500	0.02	0
24	242	2426	Concession 9 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2427	Concession 10 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2428	Boundary Road West of Regional Road 57	3	1	500	0.01	0	5	1	500	0.01	0
24	242	2429	Highway 407 West of Regional Road 57	110	2	3,600	0.03	0	657	2	3,600	0.18	0
25	250	2501	Highway 401 West of Bennett Road	1,649	3	4,950	0.33	0	2,925	3	4,950	0.59	0
25	250	2502	Baseline Road West of Lambs Road	163	1	700	0.23	0	297	1	700	0.42	0
25	250	2503	Highway 2 West of Lambs Road	89	1	1,000	0.09	0	265	1	1,000	0.27	0
25	251	2511	Concession Street West of Lambs Road	168	1	700	0.24	0	212	1	700	0.30	0
25	251	2512	Concession 3 West of Lambs Road	22	1	800	0.03	0	35	1	800	0.04	0
25	252	2521	Concession 4 West of Lambs Road	3	1	500	0.01	0	0	1	500	0.00	0
25	252	2522	Taunton Road West of Bethesda Road	209	1	1,000	0.21	0	470	1	1,000	0.47	0
25	252	2527	Highway 407 East of Regional Road 57	108	2	3,600	0.03	0	227	2	3,600	0.06	0
25	252	2523	Concession 6 West of Bethesda Road	3	1	700	0.00	0	1	1	700	0.00	0
25	252	2524	Concession 7 West of Bethesda Road	3	1	500	0.01	0	1	1	500	0.00	0
25	252	2525	Concession 8 West of Bethesda Road	10	1	700	0.01	0	0	1	700	0.00	0
25	252	2526	Regional Road 20 West of Liberty Street	30	1	1,000	0.03	0	0	1	1,000	0.00	0
26	260	2601	Highway 401 West of Highway 35/115	1,663	3	4,950	0.34	0	2,638	3	4,950	0.53	0
26	260	2602	Highway 2 West of Highway 35/115	53	1	1,000	0.05	0	340	1	1,000	0.34	0
26	261	2611	Concession 3 East of Darlington Clarke Townline	53	1	800	0.07	0	114	1	800	0.14	0
26	261	2612	Concession 4 East of Darlington Clarke Townline	1	1	800	0.00	0	1	1	800	0.00	0
26	261	2613	Concession 5 East of Darlington Clarke Townline	2	1	500	0.00	0	1	1	500	0.00	0
26	261	2614	Taunton Road East of Darlington Clarke Townline	201	1	1,000	0.20	0	390	1	1,000	0.39	0
26	262	2621	Concession 7 West of Highway 35/115	2	1	500	0.00	0	15	1	500	0.03	0
26	262	2624	Highway 407 West of Highway 35/115	97	2	3,600	0.03	0	209	2	3,600	0.06	0
26	262	2622	Concession 8 West of Highway 35/115	7	1	500	0.01	0	0	1	500	0.00	0
26	262	2623	Regional Road 20 West of Highway 35	40	1	1,000	0.04	0	0	1	1,000	0.00	0
27	270	2701	Lakeshore Road West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2702	Concession 1 West of Clarington East Limit	2	1	500	0.00	0	4	1	500	0.01	0
27	270	2703	Highway 401 West of Clarington East Limit	1,031	3	4,950	0.21	0	1,030	3	4,950	0.21	0
27	270	2704	Highway 2 West of Clarington East Limit	3	1	1,000	0.00	0	43	1	1,000	0.04	0
27	270	2705	Concession 3 West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2706	Concession 4 West of Clarington East Limit	0	1	500	0.00	0	1	1	500	0.00	0
27	270	2707	Concession 5 West of Clarington East Limit	0	1	500	0.00	0	3	1	500	0.01	0
27	270	2708	Canaraska Road West of Clarington East Limit	21	1	800	0.03	0	85	1	800	0.11	0
30	300	3001	Holt Road North of Highway 401	189	2	1,600	0.12	0	920	2	1,600	0.58	0
30	300	3002	Waverly Road/RR57 North of Highway 401	448	2	1,800	0.25	0	934	2	1,800	0.52	0
30	300	3003	Liberty Street North of Highway 401	99	1	700	0.14	0	891	1	700	1.27	1
Eastbound/Westbound TOTALS				21,942	116	118,900			46,453	116	118,900		
Northbound/Southbound TOTALS				9,177	102	77,250			19,263	102	77,250		

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90
 = Extra Lanes Required

Cap Threshold % 0.9

Clarington TMP
Screenline Deficiency Analysis - PM Peak Hour

HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31245
 NETWORK: 2031 Preferred Alternative B
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: PM Peak Hour

Eastbound/Westbound Screenline Deficiency Analysis

SL ID	Screenline	Eastbound					Westbound				
		PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
200	East of Clarington West Border (Highway 401 to Lawson Road)	8,200	14	13,100	0.63	0	4,442	14	13,100	0.34	0
201	East of Clarington West Border (Pebblestone Road to Concession 9)	2,415	9	9,000	0.27	0	882	9	9,000	0.10	0
210	West of Courtice Road (Highway 401 to George Reynolds Drive)	5,968	12	11,800	0.51	0	4,368	12	11,800	0.37	0
211	West of Courtice Road/East of Enfield Road (Pebblstone Road to Concession 6)	1,825	5	6,100	0.30	0	781	5	6,100	0.13	0
220	West of Holt Road (South Service Road to Nash Road)	6,293	9	9,550	0.66	0	2,708	9	9,550	0.28	0
230	East of Maple Grove Road (South Service Road to Nash Road)	6,817	10	11,050	0.62	0	2,546	10	11,050	0.23	0
240	Bowmanville Creek (Highway 401 to Highway 2)	5,630	6	7,450	0.76	0	2,995	6	7,450	0.40	0
241	East of Regional Road 57 (Longworth Avenue to Concession 3)	1,644	3	2,400	0.69	0	263	3	2,400	0.11	0
242	West of Regional Road 57 (Concession 4 to Boundary Road)	1,606	10	8,400	0.19	0	539	10	8,400	0.06	0
250	West of Lambs Road (Highway 401 to Highway 2)	4,175	5	6,650	0.63	0	2,335	5	6,650	0.35	0
251	West of Lambs Road (Concession Street to Concession 3)	251	2	1,500	0.17	0	287	2	1,500	0.19	0
252	West of Bethesda Road (Concession 4 to Regional Road 20)	979	8	8,000	0.12	0	627	8	8,000	0.08	0
260	West of Highway 35/115 (Highway 401 to Highway 2)	3,587	4	5,950	0.60	0	2,198	4	5,950	0.37	0
261	East of Darlington Clarke Townline (Concession 3 to Taunton Road)	445	4	3,100	0.14	0	316	4	3,100	0.10	0
262	West of Highway 35/115 (Concession 7 to Regional Road 20)	475	5	5,600	0.08	0	350	5	5,600	0.06	0
270	West of Clarington East Boundary (Lakeshore Road to Ganaraska Road)	1,058	10	9,250	0.11	0	1,497	10	9,250	0.16	0

Northbound/Southbound Screenline Deficiency Analysis




SL ID	Screenline	Eastbound					Westbound				
		PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
100	North of Baseline Road (Prestonvale Road to East Durham Link)	1,235	5	5,500	0.22	0	149	5	5,500	0.03	0
101	North of Baseline Road (Solina Road to Maple Grove Road)	802	3	1,800	0.45	0	160	3	1,800	0.09	0
102	North of Baseline Road (Green Road to Bennett Road)	3,377	9	5,800	0.58	0	1,361	9	5,800	0.23	0
110	South of Highway 2 (Townline Road to Hancock Road)	1,228	7	4,050	0.30	0	1,504	7	4,050	0.37	0
111	South of Highway 2 (Solina Road to Maple Grove Road)	959	5	3,100	0.31	0	188	5	3,100	0.06	0
120	North of Highway 2 (Townline Road to East Durham Link)	1,870	9	7,800	0.24	0	1,668	9	7,800	0.21	0
121	North of Highway 2 (Solina Road to Maple Grove Road)	1,085	5	3,100	0.35	0	82	5	3,100	0.03	0
122	North of Highway 2 (Green Road to Lambs Road)	3,329	7	5,150	0.65	0	985	7	5,150	0.19	0
130	South of Nash Road/Concession Road (Green Road to Lambs Road)	849	8	5,400	0.16	0	694	8	5,400	0.13	0
140	North of Taunton Road (Townline Road to East Durham Link)	716	7	6,600	0.11	0	631	7	6,600	0.10	0
141	North of Taunton Road (Holt Road to Highway 35/115)	1,433	13	9,300	0.15	0	1,450	13	9,300	0.16	0
142	North of Taunton Road (Jewel Road to Shiloh Road)	2	4	2,200	0.00	0	5	4	2,200	0.00	0
150	North of Regional Road 3 (Townline Road to Liberty Street)	253	5	3,300	0.08	0	25	5	3,300	0.01	0
151	South of Clarington North Border (Darlington-Clarke Townline to Highway 35/115)	1,569	7	8,100	0.19	0	1,304	7	8,100	0.16	0
160	South of Highway 2 (Mill Street)	517	1	700	0.74	0	159	1	700	0.23	0
170	North of Highway 2 (Manvers Road to Arthur Street)	331	2	1,250	0.26	0	68	2	1,250	0.05	0
300	North of Highway 401 (Holt Road to Lambs Road)	2,998	5	4,200	0.71	0	1,265	5	4,200	0.30	0

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90

 = Extra Lanes Required

Cap Thres % 0.9

20	201	2011	Pebblestone Road East of Townline Road	295	1	800	0.37	0	89	1	800	0.11	0
20	201	2012	Taunton Road East of Townline Road	755	2	2,000	0.38	0	321	2	2,000	0.16	0
20	201	2013	Concession 6 East of Townline Road	278	1	700	0.40	0	51	1	700	0.07	0
20	201	2017	Highway 407 West of Enfield Road	953	2	3,600	0.26	0	419	2	3,600	0.12	0
20	201	2014	Concession 7 East of Townline Road	25	1	600	0.04	0	1	1	600	0.00	0
20	201	2015	Regional Road 3 East of Townline Road	94	1	800	0.12	0	2	1	800	0.00	0
20	201	2016	Concession 9 East of Townline Road	15	1	500	0.03	0	0	1	500	0.00	0
21	210	2101	Highway 401 West of Courtrice Road	4,522	4	6,600	0.69	0	2,963	4	6,600	0.45	0
21	210	2102	Baseline Road West of Courtrice Road	121	1	700	0.17	0	212	1	700	0.30	0
21	210	2103	Bloor Street West of Courtrice Road	148	1	700	0.21	0	316	1	700	0.45	0
21	210	2108	Meadowglade Road extension West of Courtrice Road	51	1	500	0.10	0	146	1	500	0.29	0
21	210	2104	Sandringham Drive West of Courtrice Road	62	1	400	0.15	0	91	1	400	0.23	0
21	210	2105	Highway 2 West of Courtrice Road	1,051	2	1,800	0.58	0	633	2	1,800	0.35	0
21	210	2106	Nash Road West of Courtrice Road	10	1	700	0.01	0	5	1	700	0.01	0
21	210	2107	George Reynolds Drive West of Courtrice Road	4	1	400	0.01	0	2	1	400	0.00	0
21	211	2111	Pebblestone Road West of Courtrice Road	173	1	800	0.22	0	123	1	800	0.15	0
21	211	2112	Taunton Road West of Courtrice Road	743	1	1,000	0.74	0	475	1	1,000	0.48	0
21	211	2114	Highway 407 East of Enfield Road	755	2	3,600	0.21	0	172	2	3,600	0.05	0
21	211	2113	Concession 6 West of Courtrice Road	154	1	700	0.22	0	11	1	700	0.02	0
22	220	2201	South Service Road West of Holt Road	211	1	500	0.42	0	0	1	500	0.00	0
22	220	2202	Highway 401 West of Holt Road	4,246	3	4,950	0.86	0	2,092	3	4,950	0.42	0
22	220	2203	Baseline Road West of Holt Road	217	1	700	0.31	0	22	1	700	0.03	0
22	220	2204	Bloor Street West of Holt Road	249	1	700	0.36	0	33	1	700	0.05	0
22	220	2205	Highway 2 West of Holt Road	1,364	2	2,000	0.68	0	561	2	2,000	0.28	0
22	220	2206	Nash Road West of Holt Road	5	1	700	0.01	0	0	1	700	0.00	0
23	230	2301	South Service Road East of Holt Road	1	1	500	0.00	0	3	1	500	0.01	0
23	230	2302	Highway 401 East of Holt Road	4,125	3	4,950	0.83	0	1,877	3	4,950	0.38	0
23	230	2303	Baseline Road West of Green Road	598	1	800	0.75	0	29	1	800	0.04	0
23	230	2304	Highway 2 East of Maple Grove Road	1,103	2	2,400	0.46	0	578	2	2,400	0.24	0
23	230	2306	Longworth Avenue East of Maple Grove Road	978	2	1,600	0.61	0	59	2	1,600	0.04	0
23	230	2305	Nash Road East of Maple Grove Road	12	1	800	0.02	0	0	1	800	0.00	0
24	240	2401	Highway 401 at Bowmanville Creek	4,075	3	4,950	0.82	0	2,114	3	4,950	0.43	0
24	240	2402	Baseline Road at Bowmanville Creek	521	1	700	0.74	0	305	1	700	0.44	0
24	240	2403	Highway 2 at Bowmanville Creek	1,034	2	1,800	0.57	0	577	2	1,800	0.32	0
24	241	2411	Longworth Avenue East of Regional Road 57	1,232	2	1,600	0.77	0	205	2	1,600	0.13	0
24	241	2412	Concession 3 of Regional Road 57	412	1	800	0.52	0	58	1	800	0.07	0
24	242	2421	Concession 4 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2422	Taunton Road West of Regional Road 57	676	1	1,000	0.68	0	320	1	1,000	0.32	0
24	242	2423	Concession 6 West of Regional Road 57	79	1	700	0.11	0	3	1	700	0.00	0
24	242	2424	Concession 7 West of Regional Road 57	0	1	600	0.00	0	0	1	600	0.00	0
24	242	2425	Regional Road 3 West of Regional Road 57	29	1	500	0.06	0	41	1	500	0.08	0
24	242	2426	Concession 9 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2427	Concession 10 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2428	Boundary Road West of Regional Road 57	5	1	500	0.01	0	1	1	500	0.00	0
24	242	2429	Highway 407 West of Regional Road 57	817	2	3,600	0.23	0	173	2	3,600	0.05	0
25	250	2501	Highway 401 West of Bennett Road	3,421	3	4,950	0.69	0	2,076	3	4,950	0.42	0
25	250	2502	Baseline Road West of Lambs Road	367	1	700	0.52	0	181	1	700	0.26	0
25	250	2503	Highway 2 West of Lambs Road	387	1	1,000	0.39	0	78	1	1,000	0.08	0
25	251	2511	Concession Street West of Lambs Road	203	1	700	0.29	0	258	1	700	0.37	0
25	251	2512	Concession 3 West of Lambs Road	47	1	800	0.06	0	29	1	800	0.04	0
25	252	2521	Concession 4 West of Lambs Road	0	1	500	0.00	0	3	1	500	0.01	0
25	252	2522	Taunton Road West of Bethesda Road	495	1	1,000	0.49	0	259	1	1,000	0.26	0
25	252	2527	Highway 407 East of Regional Road 57	481	2	3,600	0.13	0	169	2	3,600	0.05	0
25	252	2523	Concession 6 West of Bethesda Road	1	1	700	0.00	0	3	1	700	0.00	0
25	252	2524	Concession 7 West of Bethesda Road	2	1	500	0.00	0	3	1	500	0.01	0
25	252	2525	Concession 8 West of Bethesda Road	0	1	700	0.00	0	12	1	700	0.02	0
25	252	2526	Regional Road 20 West of Liberty Street	0	1	1,000	0.00	0	177	1	1,000	0.18	0
26	260	2601	Highway 401 West of Highway 35/115	3,216	3	4,950	0.65	0	2,103	3	4,950	0.42	0
26	260	2602	Highway 2 West of Highway 35/115	371	1	1,000	0.37	0	95	1	1,000	0.10	0
26	261	2611	Concession 3 East of Darlington Clarke Townline	97	1	800	0.12	0	65	1	800	0.08	0
26	261	2612	Concession 4 East of Darlington Clarke Townline	1	1	800	0.00	0	2	1	800	0.00	0
26	261	2613	Concession 5 East of Darlington Clarke Townline	5	1	500	0.01	0	1	1	500	0.00	0
26	261	2614	Taunton Road East of Darlington Clarke Townline	341	1	1,000	0.34	0	249	1	1,000	0.25	0
26	262	2621	Concession 7 West of Highway 35/115	12	1	500	0.02	0	2	1	500	0.00	0
26	262	2624	Highway 407 West of Highway 35/115	451	2	3,600	0.13	0	160	2	3,600	0.04	0
26	262	2622	Concession 8 West of Highway 35/115	12	1	500	0.02	0	0	1	500	0.00	0
26	262	2623	Regional Road 20 West of Highway 35	0	1	1,000	0.00	0	189	1	1,000	0.19	0
27	270	2701	Lakeshore Road West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2702	Concession 1 West of Clarington East Limit	5	1	500	0.01	0	3	1	500	0.01	0
27	270	2703	Highway 401 West of Clarington East Limit	906	3	4,950	0.18	0	1,463	3	4,950	0.30	0
27	270	2704	Highway 2 West of Clarington East Limit	51	1	1,000	0.05	0	3	1	1,000	0.00	0
27	270	2705	Concession 3 West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2706	Concession 4 West of Clarington East Limit	1	1	500	0.00	0	0	1	500	0.00	0
27	270	2707	Concession 5 West of Clarington East Limit	2	1	500	0.00	0	0	1	500	0.00	0
27	270	2708	Canaraska Road West of Clarington East Limit	92	1	800	0.11	0	27	1	800	0.03	0
30	300	3001	Holt Road North of Highway 401	1,107	2	1,600	0.69	0	227	2	1,600	0.14	0
30	300	3002	Waverly Road/RR57 North of Highway 401	1,046	2	1,800	0.58	0	695	2	1,800	0.39	0
30	300	3003	Liberty Street North of Highway 401	845	1	800	1.06	1	343	1	800	0.43	0
Eastbound/Westbound TOTALS				51,367	116	118,900			27,136	116	118,900		
Northbound/Southbound TOTALS				22,552	102	77,350			11,696	102	77,350		

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90
 = Extra Lanes Required

Cap Threshold % 0.9

Clarington TMP
Screenline Deficiency Analysis - AM Peak Hour

HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31246
 NETWORK: 2031 Preferred Alternative C
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: AM Peak Hour

Eastbound/Westbound Screenline Deficiency Analysis

SL ID	Screenline	Eastbound					Westbound				
		AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
200	East of Clarington West Border (Highway 401 to Lawson Road)	3,584	14	13,100	0.27	0	7,453	14	13,100	0.57	0
201	East of Clarington West Border (Pebblestone Road to Concession 9)	711	9	9,000	0.08	0	2,237	9	9,000	0.25	0
210	West of Courtice Road (Highway 401 to George Reynolds Drive)	3,750	12	11,800	0.32	0	5,821	12	11,800	0.49	0
211	West of Courtice Road/East of Enfield Road (Pebblstone Road to Concession 6)	755	5	6,100	0.12	0	1,714	5	6,100	0.28	0
220	West of Holt Road (South Service Road to Nash Road)	2,385	9	9,550	0.25	0	6,176	9	9,550	0.65	0
230	East of Maple Grove Road (South Service Road to Nash Road)	2,153	10	11,050	0.19	0	6,408	10	11,050	0.58	0
240	Bowmanville Creek (Highway 401 to Highway 2)	2,336	7	8,150	0.29	0	4,617	7	8,150	0.57	0
241	East of Regional Road 57 (Longworth Avenue to Concession 3)	208	3	2,400	0.09	0	1,396	3	2,400	0.58	0
242	West of Regional Road 57 (Concession 4 to Boundary Road)	423	10	8,400	0.05	0	1,367	10	8,400	0.16	0
250	West of Lambs Road (Highway 401 to Highway 2)	2,129	6	7,350	0.29	0	3,767	6	7,350	0.51	0
251	West of Lambs Road (Concession Street to Concession 3)	216	2	1,500	0.14	0	234	2	1,500	0.16	0
252	West of Bethesda Road (Concession 4 to Regional Road 20)	368	8	8,000	0.05	0	686	8	8,000	0.09	0
260	West of Highway 35/115 (Highway 401 to Highway 2)	1,715	4	5,950	0.29	0	2,994	4	5,950	0.50	0
261	East of Darlington Clarke Townline (Concession 3 to Taunton Road)	258	4	3,100	0.08	0	498	4	3,100	0.16	0
262	West of Highway 35/115 (Concession 7 to Regional Road 20)	148	5	5,600	0.03	0	217	5	5,600	0.04	0
270	West of Clarington East Boundary (Lakeshore Road to Ganaraska Road)	1,056	10	9,250	0.11	0	1,166	10	9,250	0.13	0

Northbound/Southbound Screenline Deficiency Analysis

SL ID	Screenline	Northbound					Southbound				
		AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	AM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
100	North of Baseline Road (Prestonvale Road to East Durham Link)	105	5	5,500	0.02	0	1,223	5	5,500	0.22	0
101	North of Baseline Road (Solina Road to Maple Grove Road)	104	3	1,800	0.06	0	664	3	1,800	0.37	0
102	North of Baseline Road (Green Road to Bennett Road)	1,087	10	6,700	0.16	0	3,038	10	6,700	0.45	0
110	South of Highway 2 (Townline Road to Hancock Road)	1,073	7	4,050	0.26	0	1,015	7	4,050	0.25	0
111	South of Highway 2 (Solina Road to Maple Grove Road)	125	4	2,300	0.05	0	898	4	2,300	0.39	0
120	North of Highway 2 (Townline Road to East Durham Link)	1,340	9	7,800	0.17	0	1,752	9	7,800	0.22	0
121	North of Highway 2 (Solina Road to Maple Grove Road)	101	5	3,100	0.03	0	945	5	3,100	0.30	0
122	North of Highway 2 (Green Road to Lambs Road)	595	7	5,150	0.12	0	2,866	7	5,150	0.56	0
130	South of Nash Road/Concession Road (Green Road to Lambs Road)	517	8	5,400	0.10	0	572	8	5,400	0.11	0
140	North of Taunton Road (Townline Road to East Durham Link)	648	7	6,600	0.10	0	573	7	6,600	0.09	0
141	North of Taunton Road (Holt Road to Highway 35/115)	1,410	13	9,300	0.15	0	1,233	13	9,300	0.13	0
142	North of Taunton Road (Jewel Road to Shiloh Road)	0	4	2,200	0.00	0	16	4	2,200	0.01	0
150	North of Regional Road 3 (Townline Road to Liberty Street)	23	5	3,300	0.01	0	181	5	3,300	0.05	0
151	South of Clarington North Border (Darlington-Clarke Townline to Highway 35/115)	1,071	7	8,100	0.13	0	1,137	7	8,100	0.14	0
160	South of Highway 2 (Mill Street)	327	1	700	0.47	0	400	1	700	0.57	0
170	North of Highway 2 (Manvers Road to Arthur Street)	55	2	1,250	0.04	0	214	2	1,250	0.17	0
300	North of Highway 401 (Holt Road to Lambs Road)	990	6	5,000	0.20	0	3,084	6	5,000	0.62	0

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90

 = Extra Lanes Required

Cap Thres % 0.9

20	201	2011	Pebblestone Road East of Townline Road	39	1	800	0.05	0	167	1	800	0.21	0
20	201	2012	Taunton Road East of Townline Road	299	2	2,000	0.15	0	775	2	2,000	0.39	0
20	201	2013	Concession 6 East of Townline Road	61	1	700	0.09	0	187	1	700	0.27	0
20	201	2017	Highway 407 West of Enfield Road	309	2	3,600	0.09	0	1,006	2	3,600	0.28	0
20	201	2014	Concession 7 East of Townline Road	1	1	600	0.00	0	20	1	600	0.03	0
20	201	2015	Regional Road 3 East of Townline Road	2	1	800	0.00	0	68	1	800	0.09	0
20	201	2016	Concession 9 East of Townline Road	0	1	500	0.00	0	13	1	500	0.03	0
21	210	2101	Highway 401 West of Courtice Road	2,602	4	6,600	0.39	0	4,558	4	6,600	0.69	0
21	210	2102	Baseline Road West of Courtice Road	146	1	700	0.21	0	102	1	700	0.15	0
21	210	2103	Bloor Street West of Courtice Road	225	1	700	0.32	0	149	1	700	0.21	0
21	210	2108	Meadowglade Road Extension West of Courtice Road	135	1	500	0.27	0	53	1	500	0.11	0
21	210	2104	Sandringham Drive West of Courtice Road	41	1	400	0.10	0	54	1	400	0.14	0
21	210	2105	Highway 2 West of Courtice Road	598	2	1,800	0.33	0	895	2	1,800	0.50	0
21	210	2106	Nash Road West of Courtice Road	3	1	700	0.00	0	7	1	700	0.01	0
21	210	2107	George Reynolds Drive West of Courtice Road	1	1	400	0.00	0	3	1	400	0.01	0
21	211	2111	Pebblestone Road West of Courtice Road	146	1	800	0.18	0	87	1	800	0.11	0
21	211	2112	Taunton Road West of Courtice Road	434	1	1,000	0.43	0	865	1	1,000	0.87	0
21	211	2114	Highway 407 East of Enfield Road	166	2	3,600	0.05	0	649	2	3,600	0.18	0
21	211	2113	Concession 6 West of Courtice Road	9	1	700	0.01	0	113	1	700	0.16	0
22	220	2201	South Service Road West of Holt Road	0	1	500	0.00	0	198	1	500	0.40	0
22	220	2202	Highway 401 West of Holt Road	1,861	3	4,950	0.38	0	4,294	3	4,950	0.87	0
22	220	2203	Baseline Road West of Holt Road	18	1	700	0.03	0	227	1	700	0.32	0
22	220	2204	Bloor Street West of Holt Road	26	1	700	0.04	0	269	1	700	0.38	0
22	220	2205	Highway 2 West of Holt Road	481	2	2,000	0.24	0	1,187	2	2,000	0.59	0
22	220	2206	Nash Road West of Holt Road	0	1	700	0.00	0	0	1	700	0.00	0
23	230	2301	South Service Road East of Holt Road	5	1	500	0.01	0	5	1	500	0.01	0
23	230	2302	Highway 401 East of Holt Road	1,542	3	4,950	0.31	0	3,973	3	4,950	0.80	0
23	230	2303	Baseline Road West of Green Road	55	1	800	0.07	0	554	1	800	0.69	0
23	230	2304	Highway 2 East of Maple Grove Road	464	2	2,400	0.19	0	1,032	2	2,400	0.43	0
23	230	2306	Longworth Avenue East of Maple Grove Road	87	2	1,600	0.05	0	841	2	1,600	0.53	0
23	230	2305	Nash Road East of Maple Grove Road	0	1	800	0.00	0	3	1	800	0.00	0
24	240	2401	Highway 401 at Bowmanville Creek	1,593	3	4,950	0.32	0	3,274	3	4,950	0.66	0
24	240	2402	Baseline Road at Bowmanville Creek	350	2	1,400	0.25	0	774	2	1,400	0.55	0
24	240	2403	Highway 2 at Bowmanville Creek	393	2	1,800	0.22	0	569	2	1,800	0.32	0
24	241	2411	Longworth Avenue East of Regional Road 57	165	2	1,600	0.10	0	947	2	1,600	0.59	0
24	241	2412	Concession 3 of Regional Road 57	43	1	800	0.05	0	449	1	800	0.56	0
24	242	2421	Concession 4 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2422	Taunton Road West of Regional Road 57	266	1	1,000	0.27	0	664	1	1,000	0.66	0
24	242	2423	Concession 6 West of Regional Road 57	2	1	700	0.00	0	47	1	700	0.07	0
24	242	2424	Concession 7 West of Regional Road 57	0	1	600	0.00	0	0	1	600	0.00	0
24	242	2425	Regional Road 3 West of Regional Road 57	42	1	500	0.08	0	11	1	500	0.02	0
24	242	2426	Concession 9 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2427	Concession 10 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2428	Boundary Road West of Regional Road 57	3	1	500	0.01	0	5	1	500	0.01	0
24	242	2429	Highway 407 West of Regional Road 57	110	2	3,600	0.03	0	641	2	3,600	0.18	0
25	250	2501	Highway 401 West of Bennett Road	1,593	3	4,950	0.32	0	3,274	3	4,950	0.66	0
25	250	2502	Baseline Road West of Lambs Road	185	2	1,400	0.13	0	187	2	1,400	0.13	0
25	250	2503	Highway 2 West of Lambs Road	352	1	1,000	0.35	0	306	1	1,000	0.31	0
25	251	2511	Concession Street West of Lambs Road	200	1	700	0.29	0	208	1	700	0.30	0
25	251	2512	Concession 3 West of Lambs Road	16	1	800	0.02	0	26	1	800	0.03	0
25	252	2521	Concession 4 West of Lambs Road	3	1	500	0.01	0	0	1	500	0.00	0
25	252	2522	Taunton Road West of Bethesda Road	209	1	1,000	0.21	0	469	1	1,000	0.47	0
25	252	2527	Highway 407 East of Regional Road 57	108	2	3,600	0.03	0	215	2	3,600	0.06	0
25	252	2523	Concession 6 West of Bethesda Road	3	1	700	0.00	0	1	1	700	0.00	0
25	252	2524	Concession 7 West of Bethesda Road	3	1	500	0.01	0	1	1	500	0.00	0
25	252	2525	Concession 8 West of Bethesda Road	10	1	700	0.01	0	0	1	700	0.00	0
25	252	2526	Regional Road 20 West of Liberty Street	32	1	1,000	0.03	0	0	1	1,000	0.00	0
26	260	2601	Highway 401 West of Highway 35/115	1,648	3	4,950	0.33	0	2,704	3	4,950	0.55	0
26	260	2602	Highway 2 West of Highway 35/115	67	1	1,000	0.07	0	291	1	1,000	0.29	0
26	261	2611	Concession 3 East of Darlington Clarke Townline	54	1	800	0.07	0	112	1	800	0.14	0
26	261	2612	Concession 4 East of Darlington Clarke Townline	1	1	800	0.00	0	1	1	800	0.00	0
26	261	2613	Concession 5 East of Darlington Clarke Townline	2	1	500	0.00	0	1	1	500	0.00	0
26	261	2614	Taunton Road East of Darlington Clarke Townline	201	1	1,000	0.20	0	383	1	1,000	0.38	0
26	262	2621	Concession 7 West of Highway 35/115	2	1	500	0.00	0	15	1	500	0.03	0
26	262	2624	Highway 407 West of Highway 35/115	97	2	3,600	0.03	0	202	2	3,600	0.06	0
26	262	2622	Concession 8 West of Highway 35/115	7	1	500	0.01	0	0	1	500	0.00	0
26	262	2623	Regional Road 20 West of Highway 35	42	1	1,000	0.04	0	0	1	1,000	0.00	0
27	270	2701	Lakeshore Road West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2702	Concession 1 West of Clarington East Limit	2	1	500	0.00	0	4	1	500	0.01	0
27	270	2703	Highway 401 West of Clarington East Limit	1,031	3	4,950	0.21	0	1,030	3	4,950	0.21	0
27	270	2704	Highway 2 West of Clarington East Limit	3	1	1,000	0.00	0	43	1	1,000	0.04	0
27	270	2705	Concession 3 West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2706	Concession 4 West of Clarington East Limit	0	1	500	0.00	0	1	1	500	0.00	0
27	270	2707	Concession 5 West of Clarington East Limit	0	1	500	0.00	0	3	1	500	0.01	0
27	270	2708	Canaraska Road West of Clarington East Limit	21	1	800	0.03	0	85	1	800	0.11	0
30	300	3001	Holt Road North of Highway 401	195	2	1,600	0.12	0	956	2	1,600	0.60	0
30	300	3002	Waverly Road/RR57 North of Highway 401	576	2	1,800	0.32	0	1,329	2	1,800	0.74	0
30	300	3004	Lambs Road North of Highway 401	219	2	1,600	0.14	0	799	2	1,600	0.50	0
Eastbound/Westbound TOTALS				22,197	118	120,300			46,751	118	120,300		
Northbound/Southbound TOTALS				9,571	103	78,250			19,810	103	78,250		

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90
 = Extra Lanes Required

Cap Threshold % 0.9

Clarington TMP
Screenline Deficiency Analysis - PM Peak Hour

HORIZON YEAR: 2031
 LAND USE: Updated 2031 Clarington Land Use
 SCENARIO: 31247
 NETWORK: 2031 Preferred Alternative C
 TRANSIT: Moderate Transit Scenario (Clarington 5.5% TMS)
 TIME: PM Peak Hour

Eastbound/Westbound Screenline Deficiency Analysis

SL ID	Screenline	Eastbound					Westbound				
		PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
200	East of Clarington West Border (Highway 401 to Lawson Road)	8,169	14	13,100	0.62	0	4,430	14	13,100	0.34	0
201	East of Clarington West Border (Pebblestone Road to Concession 9)	2,451	9	9,000	0.27	0	895	9	9,000	0.10	0
210	West of Courtice Road (Highway 401 to George Reynolds Drive)	5,940	12	11,800	0.50	0	4,364	12	11,800	0.37	0
211	West of Courtice Road/East of Enfield Road (Pebblstone Road to Concession 6)	1,860	5	6,100	0.30	0	788	5	6,100	0.13	0
220	West of Holt Road (South Service Road to Nash Road)	6,293	9	9,550	0.66	0	2,687	9	9,550	0.28	0
230	East of Maple Grove Road (South Service Road to Nash Road)	6,820	10	11,050	0.62	0	2,515	10	11,050	0.23	0
240	Bowmanville Creek (Highway 401 to Highway 2)	5,678	7	8,150	0.70	0	2,938	7	8,150	0.36	0
241	East of Regional Road 57 (Longworth Avenue to Concession 3)	1,572	3	2,400	0.65	0	314	3	2,400	0.13	0
242	West of Regional Road 57 (Concession 4 to Boundary Road)	1,608	10	8,400	0.19	0	570	10	8,400	0.07	0
250	West of Lambs Road (Highway 401 to Highway 2)	4,484	6	7,350	0.61	0	2,654	6	7,350	0.36	0
251	West of Lambs Road (Concession Street to Concession 3)	234	2	1,500	0.16	0	251	2	1,500	0.17	0
252	West of Bethesda Road (Concession 4 to Regional Road 20)	972	8	8,000	0.12	0	628	8	8,000	0.08	0
260	West of Highway 35/115 (Highway 401 to Highway 2)	3,601	4	5,950	0.61	0	2,199	4	5,950	0.37	0
261	East of Darlington Clarke Townline (Concession 3 to Taunton Road)	442	4	3,100	0.14	0	316	4	3,100	0.10	0
262	West of Highway 35/115 (Concession 7 to Regional Road 20)	471	5	5,600	0.08	0	351	5	5,600	0.06	0
270	West of Clarington East Boundary (Lakeshore Road to Ganaraska Road)	1,058	10	9,250	0.11	0	1,497	10	9,250	0.16	0

Northbound/Southbound Screenline Deficiency Analysis




SL ID	Screenline	Eastbound					Westbound				
		PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required	PM Peak Hour Volumes	Number of Lanes	Total Capacity	V/C Ratio	Lanes Required
100	North of Baseline Road (Prestonvale Road to East Durham Link)	1,259	5	5,500	0.23	0	144	5	5,500	0.03	0
101	North of Baseline Road (Solina Road to Maple Grove Road)	798	3	1,800	0.44	0	272	3	1,800	0.15	0
102	North of Baseline Road (Green Road to Bennett Road)	3,433	10	6,700	0.51	0	1,419	10	6,700	0.21	0
110	South of Highway 2 (Townline Road to Hancock Road)	1,238	7	4,050	0.31	0	1,498	7	4,050	0.37	0
111	South of Highway 2 (Solina Road to Maple Grove Road)	950	4	2,300	0.41	0	301	4	2,300	0.13	0
120	North of Highway 2 (Townline Road to East Durham Link)	1,855	9	7,800	0.24	0	1,705	9	7,800	0.22	0
121	North of Highway 2 (Solina Road to Maple Grove Road)	1,149	5	3,100	0.37	0	133	5	3,100	0.04	0
122	North of Highway 2 (Green Road to Lambs Road)	3,466	7	5,150	0.67	0	945	7	5,150	0.18	0
130	South of Nash Road/Concession Road (Green Road to Lambs Road)	871	8	5,400	0.16	0	669	8	5,400	0.12	0
140	North of Taunton Road (Townline Road to East Durham Link)	691	7	6,600	0.10	0	641	7	6,600	0.10	0
141	North of Taunton Road (Holt Road to Highway 35/115)	1,463	13	9,300	0.16	0	1,457	13	9,300	0.16	0
142	North of Taunton Road (Jewel Road to Shiloh Road)	2	4	2,200	0.00	0	5	4	2,200	0.00	0
150	North of Regional Road 3 (Townline Road to Liberty Street)	253	5	3,300	0.08	0	25	5	3,300	0.01	0
151	South of Clarington North Border (Darlington-Clarke Townline to Highway 35/115)	1,574	7	8,100	0.19	0	1,304	7	8,100	0.16	0
160	South of Highway 2 (Mill Street)	513	1	700	0.73	0	166	1	700	0.24	0
170	North of Highway 2 (Manvers Road to Arthur Street)	331	2	1,250	0.26	0	68	2	1,250	0.05	0
300	North of Highway 401 (Holt Road to Lambs Road)	3,343	6	5,000	0.67	0	1,461	6	5,000	0.29	0

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90

 = Extra Lanes Required

Cap Thres % 0.9

20	201	2011	Pebblestone Road East of Townline Road	296	1	800	0.37	0	96	1	800	0.12	0
20	201	2012	Taunton Road East of Townline Road	779	2	2,000	0.39	0	329	2	2,000	0.16	0
20	201	2013	Concession 6 East of Townline Road	278	1	700	0.40	0	51	1	700	0.07	0
20	201	2017	Highway 407 West of Enfield Road	964	2	3,600	0.27	0	416	2	3,600	0.12	0
20	201	2014	Concession 7 East of Townline Road	25	1	600	0.04	0	1	1	600	0.00	0
20	201	2015	Regional Road 3 East of Townline Road	94	1	800	0.12	0	2	1	800	0.00	0
20	201	2016	Concession 9 East of Townline Road	15	1	500	0.03	0	0	1	500	0.00	0
21	210	2101	Highway 401 West of Courtice Road	4,490	4	6,600	0.68	0	2,936	4	6,600	0.44	0
21	210	2102	Baseline Road West of Courtice Road	122	1	700	0.17	0	209	1	700	0.30	0
21	210	2103	Bloor Street West of Courtice Road	136	1	700	0.19	0	316	1	700	0.45	0
21	210	2108	Meadowglade Road extension West of Courtice Road	52	1	500	0.10	0	147	1	500	0.29	0
21	210	2104	Sandringham Drive West of Courtice Road	63	1	400	0.16	0	92	1	400	0.23	0
21	210	2105	Highway 2 West of Courtice Road	1,066	2	1,800	0.59	0	657	2	1,800	0.37	0
21	210	2106	Nash Road West of Courtice Road	10	1	700	0.01	0	5	1	700	0.01	0
21	210	2107	George Reynolds Drive West of Courtice Road	3	1	400	0.01	0	2	1	400	0.00	0
21	211	2111	Pebblestone Road West of Courtice Road	174	1	800	0.22	0	124	1	800	0.15	0
21	211	2112	Taunton Road West of Courtice Road	738	1	1,000	0.74	0	477	1	1,000	0.48	0
21	211	2114	Highway 407 East of Enfield Road	796	2	3,600	0.22	0	172	2	3,600	0.05	0
21	211	2113	Concession 6 West of Courtice Road	153	1	700	0.22	0	15	1	700	0.02	0
22	220	2201	South Service Road West of Holt Road	211	1	500	0.42	0	0	1	500	0.00	0
22	220	2202	Highway 401 West of Holt Road	4,160	3	4,950	0.84	0	2,036	3	4,950	0.41	0
22	220	2203	Baseline Road West of Holt Road	215	1	700	0.31	0	22	1	700	0.03	0
22	220	2204	Bloor Street West of Holt Road	239	1	700	0.34	0	32	1	700	0.05	0
22	220	2205	Highway 2 West of Holt Road	1,466	2	2,000	0.73	0	597	2	2,000	0.30	0
22	220	2206	Nash Road West of Holt Road	1	1	700	0.00	0	0	1	700	0.00	0
23	230	2301	South Service Road East of Holt Road	1	1	500	0.00	0	3	1	500	0.01	0
23	230	2302	Highway 401 East of Holt Road	4,061	3	4,950	0.82	0	1,768	3	4,950	0.36	0
23	230	2303	Baseline Road West of Green Road	636	1	800	0.80	0	31	1	800	0.04	0
23	230	2304	Highway 2 East of Maple Grove Road	1,071	2	2,400	0.45	0	603	2	2,400	0.25	0
23	230	2306	Longworth Avenue East of Maple Grove Road	1,043	2	1,600	0.65	0	110	2	1,600	0.07	0
23	230	2305	Nash Road East of Maple Grove Road	8	1	800	0.01	0	0	1	800	0.00	0
24	240	2401	Highway 401 at Bowmanville Creek	3,678	3	4,950	0.74	0	2,005	3	4,950	0.41	0
24	240	2402	Baseline Road at Bowmanville Creek	979	2	1,400	0.70	0	348	2	1,400	0.25	0
24	240	2403	Highway 2 at Bowmanville Creek	1,021	2	1,800	0.57	0	585	2	1,800	0.32	0
24	241	2411	Longworth Avenue East of Regional Road 57	1,194	2	1,600	0.75	0	256	2	1,600	0.16	0
24	241	2412	Concession 3 of Regional Road 57	377	1	800	0.47	0	58	1	800	0.07	0
24	242	2421	Concession 4 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2422	Taunton Road West of Regional Road 57	665	1	1,000	0.67	0	319	1	1,000	0.32	0
24	242	2423	Concession 6 West of Regional Road 57	79	1	700	0.11	0	35	1	700	0.05	0
24	242	2424	Concession 7 West of Regional Road 57	0	1	600	0.00	0	0	1	600	0.00	0
24	242	2425	Regional Road 3 West of Regional Road 57	29	1	500	0.06	0	41	1	500	0.08	0
24	242	2426	Concession 9 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2427	Concession 10 West of Regional Road 57	0	1	500	0.00	0	0	1	500	0.00	0
24	242	2428	Boundary Road West of Regional Road 57	5	1	500	0.01	0	1	1	500	0.00	0
24	242	2429	Highway 407 West of Regional Road 57	829	2	3,600	0.23	0	173	2	3,600	0.05	0
25	250	2501	Highway 401 West of Bennett Road	3,678	3	4,950	0.74	0	2,005	3	4,950	0.41	0
25	250	2502	Baseline Road West of Lambs Road	394	2	1,400	0.28	0	178	2	1,400	0.13	0
25	250	2503	Highway 2 West of Lambs Road	411	1	1,000	0.41	0	471	1	1,000	0.47	0
25	251	2511	Concession Street West of Lambs Road	187	1	700	0.27	0	225	1	700	0.32	0
25	251	2512	Concession 3 West of Lambs Road	46	1	800	0.06	0	25	1	800	0.03	0
25	252	2521	Concession 4 West of Lambs Road	0	1	500	0.00	0	3	1	500	0.01	0
25	252	2522	Taunton Road West of Bethesda Road	491	1	1,000	0.49	0	259	1	1,000	0.26	0
25	252	2527	Highway 407 East of Regional Road 57	477	2	3,600	0.13	0	169	2	3,600	0.05	0
25	252	2523	Concession 6 West of Bethesda Road	1	1	700	0.00	0	3	1	700	0.00	0
25	252	2524	Concession 7 West of Bethesda Road	2	1	500	0.00	0	3	1	500	0.01	0
25	252	2525	Concession 8 West of Bethesda Road	0	1	700	0.00	0	12	1	700	0.02	0
25	252	2526	Regional Road 20 West of Liberty Street	0	1	1,000	0.00	0	178	1	1,000	0.18	0
26	260	2601	Highway 401 West of Highway 35/115	3,269	3	4,950	0.66	0	2,083	3	4,950	0.42	0
26	260	2602	Highway 2 West of Highway 35/115	332	1	1,000	0.33	0	116	1	1,000	0.12	0
26	261	2611	Concession 3 East of Darlington Clarke Townline	98	1	800	0.12	0	64	1	800	0.08	0
26	261	2612	Concession 4 East of Darlington Clarke Townline	1	1	800	0.00	0	2	1	800	0.00	0
26	261	2613	Concession 5 East of Darlington Clarke Townline	5	1	500	0.01	0	1	1	500	0.00	0
26	261	2614	Taunton Road East of Darlington Clarke Townline	338	1	1,000	0.34	0	249	1	1,000	0.25	0
26	262	2621	Concession 7 West of Highway 35/115	12	1	500	0.02	0	2	1	500	0.00	0
26	262	2624	Highway 407 West of Highway 35/115	448	2	3,600	0.12	0	160	2	3,600	0.04	0
26	262	2622	Concession 8 West of Highway 35/115	12	1	500	0.02	0	0	1	500	0.00	0
26	262	2623	Regional Road 20 West of Highway 35	0	1	1,000	0.00	0	189	1	1,000	0.19	0
27	270	2701	Lakeshore Road West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2702	Concession 1 West of Clarington East Limit	5	1	500	0.01	0	3	1	500	0.01	0
27	270	2703	Highway 401 West of Clarington East Limit	906	3	4,950	0.18	0	1,463	3	4,950	0.30	0
27	270	2704	Highway 2 West of Clarington East Limit	51	1	1,000	0.05	0	3	1	1,000	0.00	0
27	270	2705	Concession 3 West of Clarington East Limit	0	1	500	0.00	0	0	1	500	0.00	0
27	270	2706	Concession 4 West of Clarington East Limit	1	1	500	0.00	0	0	1	500	0.00	0
27	270	2707	Concession 5 West of Clarington East Limit	2	1	500	0.00	0	0	1	500	0.00	0
27	270	2708	Canaraska Road West of Clarington East Limit	92	1	800	0.11	0	27	1	800	0.03	0
30	300	3001	Holt Road North of Highway 401	1,132	2	1,600	0.71	0	326	2	1,600	0.20	0
30	300	3002	Waverly Road/RR57 North of Highway 401	1,324	2	1,800	0.74	0	697	2	1,800	0.39	0
30	300	3004	Lambs Road North of Highway 401	887	2	1,600	0.55	0	437	2	1,600	0.27	0
Eastbound/Westbound TOTALS				51,652	118	120,300			27,395	118	120,300		
Northbound/Southbound TOTALS				23,189	103	78,250			12,212	103	78,250		

Cap = 850
 = V/C ratio 0.80 - 0.90
 = V/C ratio > 0.90
 = Extra Lanes Required

Cap Threshold % 0.9