

Detailed Key Transportation Performance Measures for Land Use Scenarios

	Key Performance Measure	2006 - estimated	2031-30%	2031-40%	2031-50%	2031-No Expansion
1	Vehicle km of travelled in York Region per capita (a.m. peak hour)	2.67	2.66	2.65	2.63	2.59
2	Vehicle km of travelled (a.m. peak hour) in York Region	2,481,000	4,004,000	3,980,000	3,943,000	3,887,000
3	Increase in VKT in York Region from 2006 (a.m. peak hour)	-	1,523,000	1,499,000	1,462,000	1,406,000
4	Relative increase in VKT	-	100%	98%	96%	92%
5	2031 Annual VKT savings (million km)	-	0	60.0	152.5	292.5
6	York lane km	9,000	10,000	10,000	10,000	10,000
7	Increase in York lane km from 2006	-	1,000	1,000	1,000	1,000
8	VKT in York / York lane km ratio	276	400	398	394	389
9	Vehicle hours of travelled (a.m. peak hour) in York Region	46,000	81,000	79,000	78,000	75,000
10	Increase in VHT in York Region from 2006 (a.m. peak hour)	-	35,000	33,000	32,000	29,000
11	Relative increase in VHT	-	100%	94%	91%	83%
12	Transit trips per capita (a.m. peak period)	0.051	0.066	0.067	0.069	0.072
13	YRT/Viva transit passenger km (a.m. peak period)	323,000	915,000	923,000	928,000	936,000
14	Increase in YRT/Viva transit passenger km from 2006 (a.m. peak period)	-	592,000	600,000	605,000	613,000
15	Difference in YRT/Viva transit passenger km for 2031 Land Use Scenarios (a.m. peak period)	-	100%	101%	102%	104%
16	2031 Annual YRT/Viva passenger km increase (million km)	-	0	5.0	8.1	13.1
17	YRT/Viva transit line service hours (a.m. peak period)	807	1,722	1,722	1,722	1,722
18	Increase in YRT/Viva transit line service hours (a.m. peak period)	-	915	915	915	915
19	YRT/Viva transit passenger km / service hours ratio	400	531	536	539	544
20	GO Rail passenger km for Bradford, R.H., Stouffville Lines (a.m. peak period)	477,000	780,000	768,000	755,000	722,000
21	Increase in GO Rail passenger km from 2006 (a.m. peak period)	-	303,000	291,000	278,000	245,000
22	Relative increase in GO Rail passenger km in 2031	-	100%	96%	92%	81%
23	2031 Annual GO passenger km increase (million km)	-	0	-7.5	-15.6	-36.3
24	GO Rail line service hours (a.m. peak period)	24	54	54	54	54
25	GO Rail passenger km / service hours ratio	19,875	14,444	14,222	13,981	13,370

Daily to yearly factor: 250
a.m. peak hour to daily factor (road): 10
a.m. peak period to daily factor (transit): 2.5