

Appendix C - Key Intersection Measures of Effectiveness

Intersection	Movement	Base Case		Future Background (City-led Works)		Future Total (City-led + OL Works)	
		LOS	Max. Queue (m)	LOS	Max. Queue (m)	LOS	Max. Queue (m)
Queen St. & Bay St.	NBT	A	30	A	30	A	28
	NBR	B	26	B	26	-	-
	SBT	D	37	D	36	E	36
	EBT	B	44	B	44	-	-
	EBR	B	25	C	26	C	45
	WBT	A	29	A	31	-	-
	WBR	B	29	B	36	-	-
Queen Street & Yonge Street	NBT	A	19	A	24	A	19
	SBT	A	31	B	35	B	26
	EBT	A	20	A	23	-	-
	WBT	B	59	B	68	-	-
Queen Street & Victoria Street	NBL	D	31	E	31	-	-
	NBT	D	27	D	21	C	24
	NBR	D	29	C	24	D	32
	SBL	D	48	E	62	E	100
	SBT	D	21	D	21	D	57
	SBR	C	31	C	41	-	-
	EBT	B	48	B	54	-	-
	EBR	C	53	C	46	-	-
	WBT	B	45	B	52	-	-
	WBR	C	36	C	51	D	65
Dundas Street & Bay Street	NBL	F	88	F	89	F	90
	NBT	D	52	D	42	D	48
	NBR	D	59	D	53	D	51
	SBT	C	55	C	59	C	61
	SBR	D	81	E	84	D	77
	EBT	B	47	B	63	D	92
	EBR	C	55	C	58	D	88
	WBT	D	118	D	155	D	139
	WBR	D	51	D	76	D	47
Dundas Street & Yonge Street	NBT	C	46	D	31	D	30
	SBT	C	44	F	42	F	41
	EBT	D	79	D	113	F	185
	WBT	C	85	C	97	D	105

A.M. Peak Period Measures of Effectiveness
(Highlight indicates restricted movements due to OL works)

Source: Metrolinx

Intersection	Movement	Base Case		Future Background (City-led Works)		Future Total (City-led + OL Works)	
		LOS	Max. Queue (m)	LOS	Max. Queue (m)	LOS	Max. Queue (m)
Dundas Street and Victoria Street	NBL	C	31	C	29	C	30
	NBT	B	12	C	12	C	11
	NBR	A	17	A	18	A	18
	SBL	C	9	C	9	C	9
	SBT	C	15	C	17	C	15
	SBR	B	1	B	4	B	4
	EBL	C	20	C	19	C	20
	EBT	B	32	B	36	B	37
	EBR	B	35	B	42	B	48
	WBT	B	38	B	43	C	48
	WBR	B	7	C	8	C	8
Richmond Street & Bay Street	NBT	C	44	C	39	C	45
	SBT	F	56	E	66	F	62
	WBT	A	34	A	26	A	29
	WBR	B	32	B	57	B	53
Richmond Street & Yonge Street	NBT	B	25	B	26	B	26
	SBT	A	14	A	13	A	17
	WBL	B	45	A	29	A	26
	WBT	A	45	A	34	A	41
	WBR	B	23	B	21	B	23
Richmond Street & Victoria Street	NBL	C	32	C	24	C	43
	NBT	C	37	B	20	B	8
	SBT	C	14	C	9	B	7
	SBR	B	51	B	41	A	21
	WBL	B	8	A	4	B	4
	WBT	B	63	A	33	C	79
	WBR	C	44	B	35	C	48
Adelaide Street & Bay Street	NBT	D	25	C	23	C	21
	NBR	D	69	D	87	D	87
	SBT	F	61	F	62	F	63
	EBL	D	97	C	63	E	87
	EBT	D	61	C	45	E	64
	EBR	E	157	E	75	F	103

A.M. Peak Period Measures of Effectiveness

Source: Metrolinx

Intersection	Movement	Base Case		Future Background (City-led Works)		Future Total (City-led + OL Works)	
		LOS	Max. Queue (m)	LOS	Max. Queue (m)	LOS	Max. Queue (m)
Adelaide Street & Yonge Street	NBT	A	16	A	15	A	15
	NBR	A	23	A	24	A	25
	SBL	C	53	C	37	C	23
	SBT	B	44	C	43	B	35
	EBL	A	22	A	22	B	30
	EBT	A	14	A	12	B	39
	EBR	A	20	A	17	B	25
Adelaide Street & Victoria Street	NBT	C	59	C	31	C	29
	NBR	C	28	B	22	B	22
	SBL	B	15	C	14	C	13
	EBL	C	50	C	28	D	21
	EBT	B	40	B	27	C	40

A.M. Peak Period Measures of Effectiveness

Source: Metrolinx

Intersection	Movement	Base Case		Future Background (City-led Works)		Future Total (City-led + OL Works)	
		LOS	Max. Queue (m)	LOS	Max. Queue (m)	LOS	Max. Queue (m)
Queen St. & Bay St.	NBT	E	54	E	43	F	57
	NBR	E	90	E	92	-	-
	SBT	E	39	F	38	F	40
	EBT	D	44	D	43	-	-
	EBR	E	39	E	40	F	57
	WBT	E	66	F	69	-	-
	WBR	F	46	F	52	-	-
Queen Street & Yonge Street	NBT	C	61	C	56	D	59
	SBT	F	125	E	149	D	123
	EBT	D	61	D	59	-	-
	WBT	C	68	D	78	-	-
Queen Street & Victoria Street	NBL	F	55	F	40	-	-
	NBT	E	34	F	41	F	51
	NBR	E	51	E	45	F	103
	SBL	F	127	F	129	F	117
	SBT	F	93	F	78	F	154
	SBR	F	84	F	47	-	-
	EBT	C	79	C	70	-	-
	EBR	F	255	F	174	-	-
	WBT	C	62	C	68	-	-
	WBR	E	70	F	84	F	80
Dundas Street & Bay Street	NBL	F	88	F	81	F	88
	NBT	F	31	F	31	F	23
	NBR	F	84	F	78	F	70
	SBT	E	48	E	43	D	48
	SBR	F	200	F	191	F	208
	EBT	D	98	D	105	E	106
	EBR	D	97	D	88	E	84
	WBT	F	184	F	195	F	197
	WBR	F	121	F	101	F	102
Dundas Street & Yonge Street	NBT	C	46	C	29	C	28
	SBT	D	56	F	38	F	39
	EBT	F	210	F	189	F	199
	WBT	E	92	F	91	F	92

P.M. Peak Period Measures of Effectiveness
(Highlight indicates restricted traffic movement due to OL works)

Source: Metrolinx

Intersection	Movement	Base Case		Future Background (City-led Works)		Future Total (City-led + OL Works)	
		LOS	Max. Queue (m)	LOS	Max. Queue (m)	LOS	Max. Queue (m)
Dundas Street and Victoria Street	NBL	F	57	F	55	F	59
	NBT	F	29	F	30	F	24
	NBR	E	57	E	56	E	58
	SBL	E	26	D	12	D	14
	SBT	D	24	D	24	D	31
	SBR	D	13	D	14	D	13
	EBL	C	13	D	20	C	12
	EBT	B	67	C	59	B	56
	EBR	E	121	D	116	D	132
	WBT	D	51	E	55	E	54
	WBR	D	20	E	22	E	22
Richmond Street & Bay Street	NBT	D	52	E	52	F	50
	SBT	F	65	F	67	F	66
	WBT	C	68	C	64	D	76
	WBR	F	127	E	130	F	109
Richmond Street & Yonge Street	NBT	B	66	C	52	C	59
	SBT	F	71	F	70	E	72
	WBL	F	238	F	473	F	275
	WBT	B	49	C	53	D	64
	WBR	C	29	D	22	D	20
Richmond Street & Victoria Street	NBL	F	39	F	47	F	92
	NBT	F	64	F	66	E	51
	SBT	F	68	F	57	E	42
	SBR	E	50	F	58	E	59
	WBL	F	53	F	33	F	28
	WBT	E	77	F	86	F	86
	WBR	F	116	F	100	F	69
Adelaide Street & Bay Street	NBT	E	28	F	27	F	17
	NBR	E	81	F	62	F	67
	SBT	F	73	F	75	F	73
	EBL	F	81	E	86	F	107
	EBT	E	73	D	76	E	81
	EBR	F	132	F	111	F	83

P.M. Peak Period Measures of Effectiveness

Source: Metrolinx

Intersection	Movement	Base Case		Future Background (City-led Works)		Future Total (City-led + OL Works)	
		LOS	Max. Queue (m)	LOS	Max. Queue (m)	LOS	Max. Queue (m)
Adelaide Street & Yonge Street	NBT	B	35	C	47	E	67
	NBR	D	130	E	113	F	189
	SBL	F	72	F	59	F	69
	SBT	F	63	F	70	F	67
	EBL	D	35	C	37	E	29
	EBT	C	38	C	39	E	41
	EBR	F	46	E	55	E	45
Adelaide Street & Victoria Street	NBT	F	108	F	96	F	94
	NBR	F	84	F	99	F	85
	SBL	F	66	F	69	F	70
	EBL	F	26	F	33	F	39
	EBT	C	44	C	45	D	37

P.M. Peak Period Measures of Effectiveness

Source: Metrolinx