

TTC Streetcar Fleet Plan																		
Fall 2015																		
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
<b>LFLRV Fleet (Note 1)</b>																		
510 Spadina	3	9	2															
511 Bathurst			11															
509 Harbourfront		2	6															
505 Dundas			19															
501/508 Queen/Lake Shore (Note 2)			5	31														
504 King (Note 2)				11	18													
512 St. Clair					18													
502 Downtowner					5	2												
503 Kingston Road Tripper						6												
506 Carlton						24												
535 Standby						2												
Ridership Growth and Reliability (Note 3)						2	2	2	2	2	3	2	3	2	2	3	3	2
Replaced Retired ALRVs (Note 4)											27							
New Unfunded Initiatives (Note 5)									5		2	2		2				2
<b>LFLRV Total Service</b>	3	14	57	99	140	176	178	180	187	189	221	225	228	232	234	239	242	246
<b>Maintenance Spares</b>	0	3	9	15	21	27	27	27	29	29	34	34	35	35	36	36	37	37
<b>Total Required</b>	3	17	66	114	161	203	205	207	216	218	255	259	263	267	270	275	279	283
<b>Deliveries</b>	3	13	50	48	47	43												
<b>Available</b>	3	16	66	114	161	204	204	204	204	204	204	204	204	204	204	204	204	204
<b>Surplus/Deficit</b>	0	-1	0	0	0	1	-1	-3	-12	-14	-51	-55	-59	-63	-66	-71	-75	-79
<b>LFLRV Overhauls</b>								1	2	17	48	48	48	40				
<b>ALRV Fleet</b>																		
<b>Total Service</b>	34	34	32	32	32	32	32	32	32	32								
<b>Maintenance Spares</b>	7	7	7	7	7	7	7	7	7	7								
<b>Total Required</b>	41	41	39	39	39	39	39	39	39	39								
<b>Active Fleet</b>	52	48	48	48	48	48	48	48	48	48								
<b>Surplus/Deficit</b>	11	7	9	9	9	9	9	9	9	9								
<b>Retirements</b>		-4																
<b>ALRV Overhauls</b>		6	12	12														
<b>ALRV Re-wheeling</b>							15	15										
<b>CLRV Fleet</b>																		
<b>Total Service</b>	177	152	113	71	31	0												
<b>Maintenance Spares</b>	35	30	23	14	6	0												
<b>Total Required</b>	212	182	136	85	37	0												
<b>Active Fleet</b>	195	189	139	110	74	26												
<b>Surplus/Deficit</b>	-17	7	3	25	37	26												
<b>Retirements</b>		-6	-50	-29	-36	-48	-26											
<b>Total Service Cars</b>	214	200	202	202	203	208	210	212	219	221	221	225	228	232	234	239	242	246
<b>Proportion of Fleet by Vehicle Type</b>																		
<b>Active Fleet</b>	250	253	253	272	283	278	252	252	252	252	204	204	204	204	204	204	204	204
<b>CLRV</b>	78%	75%	55%	40%	26%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>ALRV</b>	21%	19%	19%	18%	17%	17%	19%	19%	19%	19%	0%	0%	0%	0%	0%	0%	0%	0%
<b>LFLRV (Flexity)</b>	1%	6%	26%	42%	57%	73%	81%	81%	81%	81%	100%	100%	100%	100%	100%	100%	100%	100%
Notes:																		
1. Based on Bombardier's October 15, 2015 LFLRV delivery schedule.																		
2. Service supplemented with ALRVs.																		
3. Customer growth rate for 2020 and beyond is assumed to be 2.0% per year reflecting continued downtown intensification in Toronto's Official Plan. Of this, 50% is attributed to peak ridership and peak fleet growth.																		
4. ALRVs to be retired in 2024 to align with AODA legislation. New streetcars will be required to replace the capacity.																		
5. New streetcar routes (e.g. East Bayfront) and downtown overcrowding/subway relief.																		
<b>Comparison to Existing Service Levels</b>																		
		Existing AM Peak				Future												
	Schedule	CLRV	ALRV	Bus	LFLRV	ALRV												
501 Queen	Jan-16	6	33		36	**												
502 Downtowner (2015.12)	Dec-15	7			7													
503 Kingston Road Tripper (2015.12)	Dec-15	6			6													
504 King	Jan-16	42		17	29	**												
505 Dundas	Jan-16	19			19													
506 Carlton	Jan-16	32			24													
509 Harbourfront (2015.12)	Dec-15	8			8													
510 Spadina (2015.12)	Dec-15	15			12													
511 Bathurst	Jan-16	11			11													
512 St. Clair	Jan-16	24			18													
** Unspecified supplement by ALRVs																		