

Draft

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Capital Cost of Bus Replacement Scenarios

Year	1	2	3	4	5	6	7	8	9	10
Lowest Cost Scenario (purchase of diesels only)										
Anticipated bus replacement cost if there are no RTA proposed service changes										
# of buses-diesel only	15	15	15	15	15	15	15	15	15	15
# of buses-hybrid	-	-	-	-	-	-	-	-	-	-
Cost	\$ 5,475,000	\$ 5,584,500	\$ 5,696,190	\$ 5,810,114	\$ 5,926,316	\$ 6,044,842	\$ 6,165,739	\$ 6,289,054	\$ 6,414,835	\$ 6,543,132
Increase in bus purchases due to RTA proposed service increases										
# of buses-diesel only	15	15	10	10	4	4	4	4	4	4
# of buses-hybrid	-	-	-	-	-	-	-	-	-	-
Cost	\$ 5,475,000	\$ 5,584,500	\$ 3,797,460	\$ 3,873,409	\$ 1,580,351	\$ 1,611,958	\$ 1,644,197	\$ 1,677,081	\$ 1,710,623	\$ 1,744,835
Total bus purchases required with service increases										
# of buses-diesel only	30	30	25	25	19	19	19	19	19	19
# of buses-hybrid	-	-	-	-	-	-	-	-	-	-
Cost	\$ 10,950,000	\$ 11,169,000	\$ 9,493,650	\$ 9,683,523	\$ 7,506,667	\$ 7,656,800	\$ 7,809,936	\$ 7,966,135	\$ 8,125,458	\$ 8,287,967

Intermediate Cost Scenario

Anticipated bus replacement cost if there are no RTA proposed service changes										
# of buses-diesel only	15	15	15	15	15	15	15	15	15	15
# of buses-hybrid	-	-	-	-	-	-	-	-	-	-
Cost	\$ 5,475,000	\$ 5,584,500	\$ 5,696,190	\$ 5,810,114	\$ 5,926,316	\$ 6,044,842	\$ 6,165,739	\$ 6,289,054	\$ 6,414,835	\$ 6,543,132
Increase in bus purchases due to RTA proposed service increases										
# of buses-diesel only	-	-	-	-	-	-	-	-	-	-
# of buses-hybrid	15	15	10	10	4	4	4	4	4	4
Cost	\$ 8,625,000	\$ 8,797,500	\$ 5,982,300	\$ 6,101,946	\$ 2,489,594	\$ 2,539,386	\$ 2,590,174	\$ 2,641,977	\$ 2,694,817	\$ 2,748,713
Total bus purchases required with service increases										
# of buses-diesel only	15	15	15	15	15	15	15	15	15	15
# of buses-hybrid	15	15	10	10	4	4	4	4	4	4
Cost	\$ 14,100,000	\$ 14,382,000	\$ 11,678,490	\$ 11,912,060	\$ 8,415,910	\$ 8,584,228	\$ 8,755,913	\$ 8,931,031	\$ 9,109,652	\$ 9,291,845