

Greater Lafayette Public Transportation Corp Transit Asset Management Plan

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Last modified by Amy Burnett, Controller on 01 Oct 18 at 17:07

Introduction

CityBus is the operating name for Greater Lafayette Public Transportation Corporation (GLPTC), a municipal corporation established in 1971. As a division of local government, CityBus is led by a Board of Directors, whose members are appointed by the mayors and city councils of Lafayette and West Lafayette. CityBus currently has 79 vehicles in the fleet. Included are buses with lengths of 35, 40, or 60 feet. Twenty two buses are hybrid diesel-electric buses. Twenty eight buses are compressed natural gas (CNG) buses. CityBus operates a fleet of vans in its ADA Paratransit Service called ACCESS, which serves persons with disabilities.

Performance Targets & Measures

Asset Category - Performance Measure	Asset Class	2019 Target	2020 Target	2021 Target	2022 Target	2023 Target
REVENUE VEHICLES						
Age - % of revenue vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB)	AB - Articulated Bus	50%	50%	50%	50%	50%
	AO - Automobile	N/A				
	BR - Over-the-road Bus	N/A				
	BU - Bus	20%	20%	20%	20%	20%
	CU - Cutaway Bus	10%	10%	10%	10%	10%
	DB - Double Decked Bus	N/A				
	FB - Ferryboat	N/A				
	MB - Mini-bus	N/A				
	MV - Mini-van	N/A				
	RT - Rubber-tire Vintage Trolley	N/A				
	SB - School Bus	N/A				
	SV - Sport Utility Vehicle	N/A				
	TB - Trolleybus	N/A				
	VN - Van	N/A				
	Custom 1	N/A				
Custom 2	N/A					
Custom 3	N/A					
EQUIPMENT						
Age - % of vehicles that have met or exceeded their Useful Life Benchmark (ULB)	Non Revenue/Service Automobile	25%	25%	25%	25%	25%
	Steel Wheel Vehicles	N/A				
	Trucks and other Rubber Tire Vehicles	N/A				
	Custom 1	N/A				
	Custom 2	N/A				
Custom 3	N/A					
FACILITIES						
Condition - % of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale	Administration	10%	10%	10%	10%	10%
	Maintenance	10%	10%	10%	10%	10%
	Parking Structures	N/A				
	Passenger Facilities	10%	10%	10%	10%	10%
	Custom 1	N/A				
	Custom 2	N/A				
Custom 3	N/A					

Capital Asset Inventory

Please see Appendix A (Asset Register) for the asset inventory listing.

Asset Inventory Summary

Asset Category	Total Number	Avg Age	Avg Mileage	Avg Value
Revenue Vehicles	80	7.5	254,467	\$473,605.79
<i>AB - Articulated Bus</i>	10	12.6	329,587	\$769,931.27
<i>AO - Automobile</i>	0	-	-	-
<i>BR - Over-the-road Bus</i>	0	-	-	-
<i>BU - Bus</i>	63	7.1	258,241	\$471,226.31
<i>CU - Cutaway Bus</i>	7	3.9	113,195	\$71,699.02
<i>DB - Double Decked Bus</i>	0	-	-	-
<i>FB - Ferryboat</i>	0	-	-	-
<i>MB - Mini-bus</i>	0	-	-	-
<i>MV - Mini-van</i>	0	-	-	-
<i>RT - Rubber-tire Vintage Trolley</i>	0	-	-	-
<i>SB - School Bus</i>	0	-	-	-
<i>SV - Sport Utility Vehicle</i>	0	-	-	-
<i>TB - Trolleybus</i>	0	-	-	-
<i>VN - Van</i>	0	-	-	-
<i>Custom 1</i>	0	-	-	-
<i>Custom 2</i>	0	-	-	-
<i>Custom 3</i>	0	-	-	-
Equipment	14	6.3	58,111	\$30,666.47
<i>Non Revenue/Service Automobile</i>	14	6.3	58,111	\$30,666.47
<i>Steel Wheel Vehicles</i>	0	-	-	-
<i>Trucks and other Rubber Tire Vehicles</i>	0	-	-	-
<i>Custom 1</i>	0	-	-	-
<i>Custom 2</i>	0	-	-	-
<i>Custom 3</i>	0	-	-	-
Facilities	3	21.0	N/A	\$3,844,660.00
<i>Administration</i>	1	44.0	N/A	\$6,407,948.00
<i>Maintenance</i>	1	14.0	N/A	\$3,654,007.00
<i>Parking Structures</i>	0	-	N/A	-
<i>Passenger Facilities</i>	1	5.0	N/A	\$1,472,025.00
<i>Custom 1</i>	0	-	N/A	-
<i>Custom 2</i>	0	-	N/A	-
<i>Custom 3</i>	0	-	N/A	-

Condition Assessment

Please see Appendix B (Asset Condition Data) for individual asset condition listing.

Asset Condition Summary

Asset Category	Total Number	Avg Age	Avg Mileage	Avg TERM Condition	Avg Value	% At or Past ULB
Revenue Vehicles	80	7.5	254,467	N/A	\$473,605.79	15%
<i>AB - Articulated Bus</i>	10	12.6	329,587	N/A	\$769,931.27	60%
<i>AO - Automobile</i>	0	-	-	N/A	-	-
<i>BR - Over-the-road Bus</i>	0	-	-	N/A	-	-
<i>BU - Bus</i>	63	7.1	258,241	N/A	\$471,226.31	10%
<i>CU - Cutaway Bus</i>	7	3.9	113,195	N/A	\$71,699.02	0%
<i>DB - Double Decked Bus</i>	0	-	-	N/A	-	-
<i>FB - Ferryboat</i>	0	-	-	N/A	-	-
<i>MB - Mini-bus</i>	0	-	-	N/A	-	-
<i>MV - Mini-van</i>	0	-	-	N/A	-	-
<i>RT - Rubber-tire Vintage Trolley</i>	0	-	-	N/A	-	-
<i>SB - School Bus</i>	0	-	-	N/A	-	-
<i>SV - Sport Utility Vehicle</i>	0	-	-	N/A	-	-
<i>TB - Trolleybus</i>	0	-	-	N/A	-	-
<i>VN - Van</i>	0	-	-	N/A	-	-
<i>Custom 1</i>	0	-	-	N/A	-	-
<i>Custom 2</i>	0	-	-	N/A	-	-
<i>Custom 3</i>	0	-	-	N/A	-	-
Equipment	14	6.3	58,111	N/A	\$30,666.47	36%
<i>Non Revenue/Service Automobile</i>	14	6.3	58,111	N/A	\$30,666.47	36%
<i>Steel Wheel Vehicles</i>	0	-	-	N/A	-	-
<i>Trucks and other Rubber Tire Vehicles</i>	0	-	-	N/A	-	-
<i>Custom 1</i>	0	-	-	N/A	-	-
<i>Custom 2</i>	0	-	-	N/A	-	-
<i>Custom 3</i>	0	-	-	N/A	-	-
Facilities	3	21.0	N/A	3.7	\$3,844,660.00	N/A
<i>Administration</i>	1	44.0	N/A	3.0	\$6,407,948.00	N/A
<i>Maintenance</i>	1	14.0	N/A	4.0	\$3,654,007.00	N/A
<i>Parking Structures</i>	0	-	N/A	-	-	N/A
<i>Passenger Facilities</i>	1	5.0	N/A	4.0	\$1,472,025.00	N/A
<i>Custom 1</i>	0	-	N/A	-	-	N/A
<i>Custom 2</i>	0	-	N/A	-	-	N/A
<i>Custom 3</i>	0	-	N/A	-	-	N/A

Decision Support

Investment Prioritization

GLPTC Management collaborates with the Tippecanoe County Area Plan Commission (the MPO) to publish a 5-year plan for financial capacity and program of projects. The projections are based on the previous 3-5 years, and other factors which can include changes in legislation and projected changes in locally-derived revenue. Adjustments are made annually, as needed, to the 5-year plan during development of the budget and review of the program of projects.

Decision Support Tools

The following tools are used in making investment decisions:

Process/Tool	Brief Description
Condition Assessment: Facilities	Facilities has a maintenance plan that assists with determining condition of and establishes the maintenance requirements for the assets, and associated sub-assets. A computerized system is used to monitor, prioritize, and forecast preventive maintenance and asset condition for repair or replacement.
Condition Assessment: Rolling Stock/Equipment	Rolling Stock and Equipment have a maintenance plan that establishes the maintenance requirements for such assets based on manufacturer standards and suggestions. A computerized system is used to monitor, prioritize, and forecast preventive maintenance and asset condition for repair or replacement.

Investment Prioritization

The list of prioritized investment projects is provided in Appendix C.

Appendices

[Appendix A](#)

[Appendix B1](#)

[Appendix B2](#)

[Appendix B3](#)

[Appendix C](#)

[Appendix D](#)

Asset Register

Revenue Vehicle (Rolling Stock) Condition Data

Equipment Condition Data

Facilities Condition Data

Proposed Investment Project List

Fleet Replacement Module Output

Appendix A: Asset Register

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
Equipment	Non Revenue/Service Automobile	105	Ford	F250 Truck	1	1FTNX21L23EB32254	GLPTC	2003	140,661	\$28,831.00
Equipment	Non Revenue/Service Automobile	111	Dodge	Ram Truck	1	3B7KF26Z41M288712	GLPTC	2001	36,974	\$33,067.00
Equipment	Non Revenue/Service Automobile	118	Ford	F250 Truck Superduty	1	1FTSX21578EB25120	GLPTC	2008	55,426	\$26,437.00
Equipment	Non Revenue/Service Automobile	123	Ford	Fusion (Silver)	1	3FADP0L33AR221683	GLPTC	2010	74,158	\$26,004.00
Equipment	Non Revenue/Service Automobile	124	Subaru	Outback	1	4S4BRCC8B3341438	GLPTC	2011	83,140	\$25,588.00
Equipment	Non Revenue/Service Automobile	126	Ford	Econoline Van E350	1	1FBNE31L09DA23936	GLPTC	2009	75,866	\$11,057.30
Equipment	Non Revenue/Service Automobile	127	Ford	Edge	1	2FMDK3K91CBA26498	GLPTC	2012	128,652	\$35,598.00
Equipment	Non Revenue/Service Automobile	128	Chevy	Silverado HD 3500	1	1GB3KZC85DF100695	GLPTC	2013	9,110	\$56,350.00
Equipment	Non Revenue/Service Automobile	129	Ford	Explorer	1	1FM5K8D81EGC48080	GLPTC	2014	109,772	\$34,204.00
Equipment	Non Revenue/Service Automobile	140	Dodge	Grand Caravan	1	2C4RDGBG4FR615387	GLPTC	2015	38,381	\$20,650.25
Equipment	Non Revenue/Service Automobile	141	Dodge	Grand Caravan	1	2C4RDGB2FR563564	GLPTC	2015	36,488	\$21,333.00
Equipment	Non Revenue/Service Automobile	142	Subaru	Forester	1	JE2SJALC7HH571503	GLPTC	2017	19,139	\$29,976.00
Equipment	Non Revenue/Service Automobile	143	Ford	F150 Supercab Truck	1	1FTEX1EPXJK78861	GLPTC	2018	4,853	\$31,890.00
Equipment	Non Revenue/Service Automobile	144	Ford	Explorer	1	1FM5K8HT5JGC65689	GLPTC	2018	935	\$48,345.00
Facilities	Administration	Administration Office/Garage	N/A	N/A	1		GLPTC	1974	N/A	\$6,407,948.00
Facilities	Maintenance	Maintenance Garage	N/A	N/A	1		GLPTC	2004	N/A	\$3,654,007.00
Facilities	Passenger Facilities	CityBus Center	N/A	N/A	1		GLPTC	2013	N/A	\$1,472,025.00
RevenueVehicles	AB - Articulated Bus	718	New Flyer	ARTIC BUS	1	5FYD2UM03WU019429	GLPTC	1998	408,539	\$734,442.67
RevenueVehicles	AB - Articulated Bus	719	New Flyer	ARTIC BUS	1	5FYD2UM03WU019432	GLPTC	1998	435,855	\$734,442.67
RevenueVehicles	AB - Articulated Bus	720	New Flyer	ARTIC BUS	1	5FYD2UM01WU019431	GLPTC	1998	410,028	\$734,442.67
RevenueVehicles	AB - Articulated Bus	721	New Flyer	ARTIC BUS	1	2FYD2UU003U025525	GLPTC	2003	535,547	\$734,442.67
RevenueVehicles	AB - Articulated Bus	722	New Flyer	ARTIC BUS	1	2FYD2UU023U025526	GLPTC	2003	556,712	\$734,442.67
RevenueVehicles	AB - Articulated Bus	723	New Flyer	ARTIC BUS	1	2FYD2UU043U025527	GLPTC	2003	618,330	\$734,442.67
RevenueVehicles	AB - Articulated Bus	1901	New Flyer	hybrid artic	1	5FYH5YU04BB038917	GLPTC	2011	109,065	\$852,738.00
RevenueVehicles	AB - Articulated Bus	1902	New Flyer	hybrid artic	1	5FYH5YU06BB038918	GLPTC	2011	110,644	\$852,738.00
RevenueVehicles	AB - Articulated Bus	1903	New Flyer	hybrid artic	1	5FYH5YU08BB038919	GLPTC	2011	110,436	\$852,738.00
RevenueVehicles	AB - Articulated Bus	6007	New Flyer	CNG artic	1	5FYC8YC19KB055482	GLPTC	2018	711	\$734,442.67
RevenueVehicles	BU - Bus	410	GMC	Bus	1	2GHYT76WXB3500378	GLPTC	1981	6,351	\$7,500.00
RevenueVehicles	BU - Bus	1204	Gillig	bus	1	15GGD211521072873	GLPTC	2002	508,424	\$409,375.00
RevenueVehicles	BU - Bus	1205	Gillig	bus	1	15GGD211721072874	GLPTC	2002	508,961	\$409,375.00
RevenueVehicles	BU - Bus	1206	Gillig	bus	1	15GGD211921072875	GLPTC	2002	501,122	\$409,375.00
RevenueVehicles	BU - Bus	1301	Gillig	bus	1	15GGD211431072879	GLPTC	2003	572,177	\$409,375.00
RevenueVehicles	BU - Bus	1302	Gillig	bus	1	15GGD211031072880	GLPTC	2003	497,084	\$409,375.00
RevenueVehicles	BU - Bus	1401	Gillig	bus	1	15GGD291651076486	GLPTC	2005	420,559	\$409,375.00
RevenueVehicles	BU - Bus	1402	Gillig	bus	1	15GGD291851076487	GLPTC	2005	427,058	\$409,375.00
RevenueVehicles	BU - Bus	1403	Gillig	bus	1	15GGD291X51076488	GLPTC	2005	453,226	\$409,375.00
RevenueVehicles	BU - Bus	1404	Gillig	bus	1	15GGD291151076489	GLPTC	2005	419,478	\$409,375.00
RevenueVehicles	BU - Bus	1501	Gillig	hybrid bus	1	15GGB191371077694	GLPTC	2007	384,874	\$400,000.00
RevenueVehicles	BU - Bus	1502	Gillig	hybrid bus	1	15GGB191571077695	GLPTC	2007	393,926	\$400,000.00
RevenueVehicles	BU - Bus	1503	Gillig	bus	1	15GGD291771077696	GLPTC	2007	435,961	\$409,375.00
RevenueVehicles	BU - Bus	1504	Gillig	bus	1	15GGD291971077697	GLPTC	2007	456,430	\$409,375.00

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
RevenueVehicles	BU - Bus	1505	Gillig	bus	1	15GGD291071077698	GLPTC	2007	468,471	\$409,375.00
RevenueVehicles	BU - Bus	1506	Gillig	bus	1	15GGD291271077699	GLPTC	2007	426,924	\$409,375.00
RevenueVehicles	BU - Bus	1601	Gillig	hybrid bus	1	15GGD301071078031	GLPTC	2007	581,040	\$511,387.00
RevenueVehicles	BU - Bus	1602	Gillig	hybrid bus	1	15GGD301271078032	GLPTC	2007	425,645	\$511,387.00
RevenueVehicles	BU - Bus	1603	Gillig	bus	1	15GGD271X71078313	GLPTC	2007	340,385	\$409,375.00
RevenueVehicles	BU - Bus	1701	New Flyer	hybrid artic	1	5FYH5YU0298035931	GLPTC	2009	233,660	\$779,808.00
RevenueVehicles	BU - Bus	1702	New Flyer	hybrid artic	1	5FYH5YU0498035932	GLPTC	2009	158,234	\$779,808.00
RevenueVehicles	BU - Bus	1703	Gillig	hybrid bus	1	15GGD301391176022	GLPTC	2009	425,645	\$516,473.00
RevenueVehicles	BU - Bus	1704	Gillig	hybrid bus	1	15GGD301591176023	GLPTC	2009	400,175	\$516,473.00
RevenueVehicles	BU - Bus	1705	Gillig	hybrid bus	1	15GGD301791176024	GLPTC	2009	411,403	\$516,473.00
RevenueVehicles	BU - Bus	1706	Gillig	hybrid bus	1	15GGD301991176025	GLPTC	2009	429,442	\$516,473.00
RevenueVehicles	BU - Bus	1707	Gillig	hybrid bus	1	15GGD301091176026	GLPTC	2009	407,986	\$516,473.00
RevenueVehicles	BU - Bus	1708	Gillig	bus	1	15GGD271291176027	GLPTC	2009	344,248	\$409,375.00
RevenueVehicles	BU - Bus	1801	Gillig	hybrid bus	1	15GGD3016A1179162	GLPTC	2010	363,286	\$542,118.00
RevenueVehicles	BU - Bus	1802	Gillig	hybrid bus	1	15GGD3018A1179163	GLPTC	2010	339,682	\$542,118.00
RevenueVehicles	BU - Bus	1803	Gillig	hybrid bus	1	15GGD301XA1179164	GLPTC	2010	379,739	\$542,118.00
RevenueVehicles	BU - Bus	1804	Gillig	hybrid bus	1	15GGD3011A1179165	GLPTC	2010	390,592	\$542,118.00
RevenueVehicles	BU - Bus	1904	Gillig	hybrid bus	1	15GGD301XB1179313	GLPTC	2011	285,488	\$555,096.00
RevenueVehicles	BU - Bus	1905	Gillig	hybrid bus	1	15GGD3011B1179314	GLPTC	2011	321,803	\$555,096.00
RevenueVehicles	BU - Bus	3114	Gillig	hybrid elec	1	15GGB301XE1184599	GLPTC	2014	140,772	\$613,116.00
RevenueVehicles	BU - Bus	3214	Gillig	hybrid elec	1	15GGB3012E1184600	GLPTC	2014	155,726	\$613,116.00
RevenueVehicles	BU - Bus	3314	Gillig	bus	1	15GGB2710E1184580	GLPTC	2014	89,760	\$409,375.00
RevenueVehicles	BU - Bus	4001	Gillig	CNG transit bus	1	15GGD2711F1183689	GLPTC	2015	150,073	\$470,597.00
RevenueVehicles	BU - Bus	4002	Gillig	CNG transit bus	1	15GGD2718F1183690	GLPTC	2015	152,121	\$470,597.00
RevenueVehicles	BU - Bus	4003	Gillig	CNG transit bus	1	15GGD271XF1183691	GLPTC	2015	165,029	\$470,597.00
RevenueVehicles	BU - Bus	4004	Gillig	CNG transit bus	1	15GGD2711F1183692	GLPTC	2015	200,542	\$470,597.00
RevenueVehicles	BU - Bus	4005	Gillig	CNG transit bus	1	15GGD2713F1183693	GLPTC	2015	156,400	\$470,597.00
RevenueVehicles	BU - Bus	4006	Gillig	CNG transit bus	1	15GGD2715F1183694	GLPTC	2015	187,766	\$470,597.00
RevenueVehicles	BU - Bus	4007	Gillig	CNG transit bus	1	15GGD2716F1186569	GLPTC	2015	160,048	\$475,576.00
RevenueVehicles	BU - Bus	4008	Gillig	CNG transit bus	1	15GGD2716F1186570	GLPTC	2015	140,438	\$475,576.00
RevenueVehicles	BU - Bus	4009	Gillig	CNG transit bus	1	15GGD2716F1186571	GLPTC	2015	125,863	\$475,576.00
RevenueVehicles	BU - Bus	4010	Gillig	CNG transit bus	1	15GGD2716F1186572	GLPTC	2015	135,268	\$475,576.00
RevenueVehicles	BU - Bus	4011	Gillig	CNG transit bus	1	15GGD2716F1186573	GLPTC	2015	160,167	\$475,576.00
RevenueVehicles	BU - Bus	4012	Gillig	CNG transit bus	1	15GGD2716F1186574	GLPTC	2015	147,682	\$475,576.00
RevenueVehicles	BU - Bus	5001	New Flyer	CNG transit bus	1	5FYC8FB11GC049571	GLPTC	2016	110,581	\$458,730.00
RevenueVehicles	BU - Bus	5002	New Flyer	CNG transit bus	1	5FYC8FB13GC049572	GLPTC	2016	102,190	\$458,730.00
RevenueVehicles	BU - Bus	5003	New Flyer	CNG transit bus	1	5FYC8FB15GC049573	GLPTC	2016	101,449	\$458,730.00
RevenueVehicles	BU - Bus	5004	New Flyer	CNG transit bus	1	5FYC8FB13GB050324	GLPTC	2016	98,510	\$460,529.79
RevenueVehicles	BU - Bus	5005	New Flyer	CNG transit bus	1	5FYC8FB15GB050325	GLPTC	2016	83,960	\$460,529.79
RevenueVehicles	BU - Bus	5006	New Flyer	CNG transit bus	1	5FYC8FB15GB050326	GLPTC	2016	83,380	\$460,529.79
RevenueVehicles	BU - Bus	5007	New Flyer	CNG transit bus	1	5FYC8FB19GB050327	GLPTC	2016	92,371	\$460,529.79
RevenueVehicles	BU - Bus	5008	New Flyer	CNG transit bus	1	5FYC8FB10GB050328	GLPTC	2016	87,315	\$460,529.79
RevenueVehicles	BU - Bus	5009	New Flyer	CNG transit bus	1	5FYC8FB12GB050329	GLPTC	2016	96,919	\$460,529.79
RevenueVehicles	BU - Bus	6001	New Flyer	CNG transit bus	1	5FYC8FB17KB055132	GLPTC	2018	2,782	\$473,950.00
RevenueVehicles	BU - Bus	6002	New Flyer	CNG transit bus	1	5FYC8FB19KB055133	GLPTC	2018	6,343	\$473,950.00
RevenueVehicles	BU - Bus	6003	New Flyer	CNG transit bus	1	5FYC8FB10KB055134	GLPTC	2018	4,178	\$473,950.00
RevenueVehicles	BU - Bus	6004	New Flyer	CNG transit bus	1	5FYC8FB12KB055135	GLPTC	2018	7,291	\$473,950.00
RevenueVehicles	BU - Bus	6005	New Flyer	CNG transit bus	1	5FYC8FB14KB055136	GLPTC	2018	3,901	\$473,950.00
RevenueVehicles	BU - Bus	6006	New Flyer	CNG transit bus	1	5FYC8FB16KB055137	GLPTC	2018	853	\$473,950.00
RevenueVehicles	CU - Cutaway Bus	442	Supreme	paratransit	1	1GB6G3AL2A1176239	GLPTC	2011	175,676	\$57,998.00
RevenueVehicles	CU - Cutaway Bus	443	Supreme	paratransit	1	1GB6G3AL5A1176042	GLPTC	2011	166,363	\$57,998.00
RevenueVehicles	CU - Cutaway Bus	444	Starcraft	CNG paratransit	1	1FDFE4F51FDA07547	GLPTC	2015	108,538	\$76,536.00
RevenueVehicles	CU - Cutaway Bus	445	Starcraft	CNG paratransit	1	1FDFE4F50FDA07541	GLPTC	2015	109,516	\$76,536.00
RevenueVehicles	CU - Cutaway Bus	446	Starcraft	CNG paratransit	1	1FDFE4F51FDA03353	GLPTC	2015	107,077	\$76,536.00
RevenueVehicles	CU - Cutaway Bus	447	Starcraft	CNG paratransit	1	1FDFE4F52FDA07556	GLPTC	2015	109,554	\$76,536.00
RevenueVehicles	CU - Cutaway Bus	448	Starcraft	CNG paratransit	1	1FDFE4F58HD7C6048	GLPTC	2017	15,643	\$79,753.15

Appendix B: Asset Condition Data

B1: Revenue Vehicle Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
RevenueVehicles	AB - Articulated Bus	718	1	5FYD2UM03WU019429	20	408,539	\$734,442.67	14	Yes
RevenueVehicles	AB - Articulated Bus	719	1	5FYD2UM03WU019432	20	435,855	\$734,442.67	14	Yes
RevenueVehicles	AB - Articulated Bus	720	1	5FYD2UM01WU019431	20	410,028	\$734,442.67	14	Yes
RevenueVehicles	AB - Articulated Bus	721	1	2FYD2UU003U025525	15	535,547	\$734,442.67	14	Yes
RevenueVehicles	AB - Articulated Bus	722	1	2FYD2UU023U025526	15	556,712	\$734,442.67	14	Yes
RevenueVehicles	AB - Articulated Bus	723	1	2FYD2UU043U025527	15	618,330	\$734,442.67	14	Yes
RevenueVehicles	AB - Articulated Bus	1901	1	5FYH5YU04BB038917	7	109,065	\$852,738.00	14	No
RevenueVehicles	AB - Articulated Bus	1902	1	5FYH5YU06BB038918	7	110,644	\$852,738.00	14	No
RevenueVehicles	AB - Articulated Bus	1903	1	5FYH5YU08BB038919	7	110,436	\$852,738.00	14	No
RevenueVehicles	AB - Articulated Bus	6007	1	5FYC8YC19KB055482		711	\$734,442.67	14	No
RevenueVehicles	BU - Bus	410	1	2GHYT76WXB3500378	37	6,351	\$7,500.00	14	Yes
RevenueVehicles	BU - Bus	1204	1	15GGD211521072873	16	508,424	\$409,375.00	14	Yes
RevenueVehicles	BU - Bus	1205	1	15GGD211721072874	16	508,961	\$409,375.00	14	Yes
RevenueVehicles	BU - Bus	1206	1	15GGD211921072875	16	501,122	\$409,375.00	14	Yes
RevenueVehicles	BU - Bus	1301	1	15GGD211431072879	15	572,177	\$409,375.00	14	Yes
RevenueVehicles	BU - Bus	1302	1	15GGD211031072880	15	497,084	\$409,375.00	14	Yes
RevenueVehicles	BU - Bus	1401	1	15GGD291651076486	13	420,559	\$409,375.00	14	No
RevenueVehicles	BU - Bus	1402	1	15GGD291851076487	13	427,058	\$409,375.00	14	No
RevenueVehicles	BU - Bus	1403	1	15GGD291X51076488	13	453,226	\$409,375.00	14	No
RevenueVehicles	BU - Bus	1404	1	15GGD291151076489	13	419,478	\$409,375.00	14	No

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
RevenueVehicles	BU - Bus	1501	1	15GGB191371077694	11	384,874	\$400,000.00	14	No
RevenueVehicles	BU - Bus	1502	1	15GGB191571077695	11	393,926	\$400,000.00	14	No
RevenueVehicles	BU - Bus	1503	1	15GGD291771077696	11	435,961	\$409,375.00	14	No
RevenueVehicles	BU - Bus	1504	1	15GGD291971077697	11	456,430	\$409,375.00	14	No
RevenueVehicles	BU - Bus	1505	1	15GGD291071077698	11	468,471	\$409,375.00	14	No
RevenueVehicles	BU - Bus	1506	1	15GGD291271077699	11	426,924	\$409,375.00	14	No
RevenueVehicles	BU - Bus	1601	1	15GGD301071078031	11	581,040	\$511,387.00	14	No
RevenueVehicles	BU - Bus	1602	1	15GGD301271078032	11	425,645	\$511,387.00	14	No
RevenueVehicles	BU - Bus	1603	1	15GGD271X71078313	11	340,385	\$409,375.00	14	No
RevenueVehicles	BU - Bus	1701	1	5FYH5YU029B035931	9	233,660	\$779,808.00	14	No
RevenueVehicles	BU - Bus	1702	1	5FYH5YU049B035932	9	158,234	\$779,808.00	14	No
RevenueVehicles	BU - Bus	1703	1	15GGD301391176022	9	425,645	\$516,473.00	14	No
RevenueVehicles	BU - Bus	1704	1	15GGD301591176023	9	400,175	\$516,473.00	14	No
RevenueVehicles	BU - Bus	1705	1	15GGD301791176024	9	411,403	\$516,473.00	14	No
RevenueVehicles	BU - Bus	1706	1	15GGD301991176025	9	429,442	\$516,473.00	14	No
RevenueVehicles	BU - Bus	1707	1	15GGD301091176026	9	407,986	\$516,473.00	14	No
RevenueVehicles	BU - Bus	1708	1	15GGD271291176027	9	344,248	\$409,375.00	14	No
RevenueVehicles	BU - Bus	1801	1	15GGD3016A1179162	8	363,286	\$542,118.00	14	No
RevenueVehicles	BU - Bus	1802	1	15GGD3018A1179163	8	339,682	\$542,118.00	14	No
RevenueVehicles	BU - Bus	1803	1	15GGD301XA1179164	8	379,739	\$542,118.00	14	No
RevenueVehicles	BU - Bus	1804	1	15GGD3011A1179165	8	390,592	\$542,118.00	14	No
RevenueVehicles	BU - Bus	1904	1	15GGD301XB1179313	7	285,488	\$555,096.00	14	No

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
RevenueVehicles	BU - Bus	1905	1	15GGD3011B1179314	7	321,803	\$555,096.00	14	No
RevenueVehicles	BU - Bus	3114	1	15GGB301XE1184599	4	140,772	\$613,116.00	14	No
RevenueVehicles	BU - Bus	3214	1	15GGB3012E1184600	4	155,726	\$613,116.00	14	No
RevenueVehicles	BU - Bus	3314	1	15GGB2710E1184580	4	89,760	\$409,375.00	14	No
RevenueVehicles	BU - Bus	4001	1	15GGD2711F1183689	3	150,073	\$470,597.00	14	No
RevenueVehicles	BU - Bus	4002	1	15GGD2718F1183690	3	152,121	\$470,597.00	14	No
RevenueVehicles	BU - Bus	4003	1	15GGD271XF1183691	3	165,029	\$470,597.00	14	No
RevenueVehicles	BU - Bus	4004	1	15GGD2711F1183692	3	200,542	\$470,597.00	14	No
RevenueVehicles	BU - Bus	4005	1	15GGD2713F1183693	3	156,400	\$470,597.00	14	No
RevenueVehicles	BU - Bus	4006	1	15GGD2715F1183694	3	187,766	\$470,597.00	14	No
RevenueVehicles	BU - Bus	4007	1	15GGD2716F1186569	3	160,048	\$475,576.00	14	No
RevenueVehicles	BU - Bus	4008	1	15GGD2716F1186570	3	140,438	\$475,576.00	14	No
RevenueVehicles	BU - Bus	4009	1	15GGD2716F1186571	3	125,863	\$475,576.00	14	No
RevenueVehicles	BU - Bus	4010	1	15GGD2716F1186572	3	135,268	\$475,576.00	14	No
RevenueVehicles	BU - Bus	4011	1	15GGD2716F1186573	3	160,167	\$475,576.00	14	No
RevenueVehicles	BU - Bus	4012	1	15GGD2716F1186574	3	147,682	\$475,576.00	14	No
RevenueVehicles	BU - Bus	5001	1	5FYC8FB11GC049571	2	110,581	\$458,730.00	14	No
RevenueVehicles	BU - Bus	5002	1	5FYC8FB13GC049572	2	102,190	\$458,730.00	14	No
RevenueVehicles	BU - Bus	5003	1	5FYC8FB15GC049573	2	101,449	\$458,730.00	14	No
RevenueVehicles	BU - Bus	5004	1	5FYC8FB13GB050324	2	98,510	\$460,529.79	14	No
RevenueVehicles	BU - Bus	5005	1	5FYC8FB15GB050325	2	83,960	\$460,529.79	14	No
RevenueVehicles	BU - Bus	5006	1	5FYC8FB15GB050326	2	83,380	\$460,529.79	14	No
RevenueVehicles	BU - Bus	5007	1	5FYC8FB19GB050327	2	92,371	\$460,529.79	14	No
RevenueVehicles	BU - Bus	5008	1	5FYC8FB10GB050328	2	87,315	\$460,529.79	14	No
RevenueVehicles	BU - Bus	5009	1	5FYC8FB12GB050329	2	96,919	\$460,529.79	14	No
RevenueVehicles	BU - Bus	6001	1	5FYC8FB17KB055132		2,782	\$473,950.00	14	No

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
RevenueVehicles	BU - Bus	6002	1	5FYC8FB19KB055133		6,343	\$473,950.00	14	No
RevenueVehicles	BU - Bus	6003	1	5FYC8FB10KB055134		4,178	\$473,950.00	14	No
RevenueVehicles	BU - Bus	6004	1	5FYC8FB12KB055135		7,291	\$473,950.00	14	No
RevenueVehicles	BU - Bus	6005	1	5FYC8FB14KB055136		3,901	\$473,950.00	14	No
RevenueVehicles	BU - Bus	6006	1	5FYC8FB16KB055137		853	\$473,950.00	14	No
RevenueVehicles	CU - Cutaway Bus	442	1	1GB6G3AL2A1176239	7	175,676	\$57,998.00	10	No
RevenueVehicles	CU - Cutaway Bus	443	1	1GB6G3AL5A1176042	7	166,363	\$57,998.00	10	No
RevenueVehicles	CU - Cutaway Bus	444	1	1FD FE4FS1FDA07547	3	108,538	\$76,536.00	10	No
RevenueVehicles	CU - Cutaway Bus	445	1	1FD FE4FS0FDA07541	3	109,516	\$76,536.00	10	No
RevenueVehicles	CU - Cutaway Bus	446	1	1FD FE4FS1FDA03353	3	107,077	\$76,536.00	10	No
RevenueVehicles	CU - Cutaway Bus	447	1	1FD FE4FS2FDA07556	3	109,554	\$76,536.00	10	No
RevenueVehicles	CU - Cutaway Bus	448	1	1FD FE4FS8HDC76048	1	15,643	\$79,753.15	10	No

Appendix B: Asset Condition Data

B2: Equipment Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
Equipment	Non Revenue/Service Automobile	105	1	41FTNX21L23EB3225	15	140,661	\$28,831.00	8	Yes
Equipment	Non Revenue/Service Automobile	111	1	123B7KF26Z41M2887	17	36,974	\$33,067.00	8	Yes
Equipment	Non Revenue/Service Automobile	118	1	01FTSX21578EB2512	10	55,426	\$26,437.00	8	Yes
Equipment	Non Revenue/Service Automobile	123	1	833FADP0L33AR2216	8	74,158	\$26,004.00	8	Yes
Equipment	Non Revenue/Service Automobile	124	1	384S4BRCCC8B33414	7	83,140	\$25,588.00	8	No
Equipment	Non Revenue/Service Automobile	126	1	361FBNE31L09DA239	9	75,866	\$11,057.30	8	Yes
Equipment	Non Revenue/Service Automobile	127	1	982FMDK3K91CBA264	6	128,652	\$35,598.00	8	No
Equipment	Non Revenue/Service Automobile	128	1	951GB3KZC85DF1006	5	9,110	\$56,350.00	8	No
Equipment	Non Revenue/Service Automobile	129	1	801FM5K8D81EGC480	4	109,772	\$34,204.00	8	No
Equipment	Non Revenue/Service Automobile	140	1	872C4RDGBG4FR6153	3	38,381	\$20,650.25	8	No
Equipment	Non Revenue/Service Automobile	141	1	42C4RDGB2FR56356	3	36,488	\$21,333.00	8	No
Equipment	Non Revenue/Service Automobile	142	1	3JE2SJALC7HH57150	1	19,139	\$29,976.00	8	No
Equipment	Non Revenue/Service Automobile	143	1	11FTEX1EPXJKC7886		4,853	\$31,890.00	8	No
Equipment	Non Revenue/Service Automobile	144	1	891FM5K8HT5JGC656		935	\$48,345.00	8	No

Appendix B: Asset Condition Data

B3: Facilities Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	TERM Scale Condition	Replacement Cost/Value
Facilities	Administration	Administration Office/Garage	1		44	3	\$6,407,948.00
Facilities	Maintenance	Maintenance Garage	1		14	4	\$3,654,007.00
Facilities	Passenger Facilities	CityBus Center	1		5	4	\$1,472,025.00

Appendix C: Proposed Investment Project List

Project Year	Project Name	Asset/Asset Class	Cost	Priority
2019	1998 NF Diesel Artic Bus Replacement	RevenueVehicles	\$2,203,328.00	Medium
2019	2002 Gillig Diesel Bus Replacement	RevenueVehicles	\$2,456,250.00	High
2019	2003 Gillig Diesel Bus Replacement	RevenueVehicles	\$1,637,500.00	High
2019	2003 NF Diesel Artic Bus Replacement	RevenueVehicles	\$2,203,328.00	Medium
2019	Pedestrian Detection System	Equipment	\$607,200.00	Medium
2020	2005 Gillig Diesle Bus Replacement	RevenueVehicles	\$1,637,500.00	Medium
2022	2007 Gillig Diesel-Hybrid Bus Replacement	RevenueVehicles	\$1,822,774.00	Medium
2022	2007 Gillig Diesel Bus Replacement	RevenueVehicles	\$2,046,875.00	Medium

Appendix D: Fleet Replacement Module Output

Total in Current Year \$	\$8,500,406.02		\$1,637,500.00		\$0.00		\$3,927,647.00		\$0.00	
Total in Year of Expenditure \$	\$8,500,406.02		\$1,637,500.00		\$0.00		\$3,927,647.00		\$0.00	
	2019		2020		2021		2022		2023	
Fleet Type (Year/Make/Model)	Number	Cost in 2018 \$	Number	Cost in 2018 \$	Number	Cost in 2018 \$	Number	Cost in 2018 \$	Number	Cost in 2018 \$
2011 Supreme paratransit							1	\$57,998.00		
2015 Starcraft CNG paratransit										
2017 Starcraft CNG paratransit										
1981 GMC Bus										
1998 New Flyer ARTIC BUS	3	\$2,203,328.01								
2002 Gillig bus	6	\$2,456,250.00								
2003 Gillig bus	4	\$1,637,500.00								
2003 New Flyer ARTIC BUS	3	\$2,203,328.01								
2005 Gillig bus			4	\$1,637,500.00						
2007 Gillig hybrid bus							4	\$1,822,774.00		
2007 Gillig bus							5	\$2,046,875.00		
2009 New Flyer hybrid artic										
2009 Gillig hybrid bus										
2009 Gillig bus										
2010 Gillig hybrid bus										
2011 New Flyer hybrid artic										
2011 Gillig hybrid bus										
2014 Gillig hybrid elec										
2014 Gillig bus										
2015 Gillig CNG transit bus										
2016 New Flyer CNG transit bus										
2018 New Flyer CNG transit bus										
2018 New Flyer CNG artic										