

Transit Asset Management Plan



Fiscal Years 2022–2026

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1.0 Introduction

1.1 AGENCY OVERVIEW

The Midland-Odessa Urban Transit District, dba EZ-Rider, is a west Texas transit service that operates six fixed routes within the city limits of Midland, six fixed routes within the city limits of Odessa, and a commuter route that offers passengers the ability to travel between the two cities. EZ-Rider owns 12 transit coaches and 10 cutaway vehicles for its fixed route service and commuter service, and 11 cutaway vehicles for its complementary ADA paratransit service. The system operates from two transfer centers, one in each city, and an administration facility located in Midland.

According to the 2020 US Census, the metropolitan areas of Midland and Odessa had a population of approximately 246,952, and the communities have since continued to grow following the dip in local industry, largely oil and gas, during the COVID-19 pandemic. In FY 2021/2022, the EZ-Rider system provided about 215,560 trips over all routes and service types. This number represents a decrease from the last plan year but a recovering trend following the COVID-19 pandemic.

1.2 ROLES AND RESPONSIBILITIES

Individual	Title
Doug Provance	General Manager
Kayleen Hamilton	Assistant General Manager
Robert Green	Director of Maintenance

1.3 PURPOSE AND GOALS

Under the requirements of 49 USC 625, every agency that owns, operates, or manages Federally-funded capital assets to provide public transportation must develop a Transit Asset Management Plan. The purpose of this rule is to help agencies achieve and maintain a state of good repair for its transportation assets. The condition of assets utilized for transit service is key to the safety, reliability, and performance of the public transportation system. In developing this Transit Asset Management (TAM) Plan, EZ-Rider recognizes the role of asset management for providing safe, efficient, and reliable transit service for its riders.

In implementing the TAM, EZ-Rider’s purpose is to maintain and improve our transit system's safe operations and financial health. Keys to accomplishing this purpose include:

- 1) identifying necessary resources and staffing levels to address asset longevity and state of good repair;
- 2) having consistent maintenance plans for fleet, facilities, and equipment;
- 3) planning and preparing for future rehabilitation and replacement needs;
- 4) building a healthy fleet of transit and paratransit vehicles with an appropriate spare ratio to ensure consistent, reliable service; and
- 5) streamlining plans and processes into a unified source.

EZ-Rider has set the following goals for the TAM:

Goals	Objectives
Track delivery and quality of maintenance activities	Keep complete and correct records of work
	Continue and expand use of RTA software
Reduce operating risk	Continue to perform scheduled preventative maintenance activities in a timely fashion
Increase miles between road calls	Improve condition of vehicles within fleet to extend useful life
	Maintain a fleet of vehicles within their useful life benchmark
Improve safety and security of bus stops and address ADA compliance	Maintain staffing levels and contract services to facilitate complete and exhaustive preventative maintenance activities
	Perform ADA compliance survey on all bus stops
Develop effectiveness of funds and resources spent on maintenance activities	Identify most utilized stops to prioritize for amenities and improvements

1.4 TARGETS AND MEASUREMENTS

To establish the performance targets and measurements of its assets, EZ-Rider takes into consideration the following information:

- Useful Life
- Asset Age
- Vehicle Mileage
- Asset Environment
- Useful Life Benchmark (ULB)
- Asset Condition

‘Useful life’ refers to the eligibility of an asset for replacement with Federal Transit Administration (FTA) funds. EZ-Rider utilizes FTA standards for useful life, as shown below for vehicle replacement:

Vehicle	Length (ft)	Seats	Useful Life
Small, heavy duty transit bus	30	30	10 years or 350,000 miles
Medium light-duty, BOC vehicles	25-35	25-35	5 years or 150,000
Light-duty vehicles, support vehicles	<30	<25	4 years or 100,000

‘Useful Life Benchmark’ (ULB) refers to the maximum age that an asset can reasonably be expected to be used reliably. FTA provides a standard ULBs for setting state of good repair performance measure targets for equipment and rolling stock. EZ-Rider references FTA ULB standards, as shown below:

Vehicle Type	Default ULB (in years)
Bus	14
Cutaway bus	10
Minivan	8
Other rubber tire vehicles	14
Van	9

The environment in which an asset is used can have a significant effect on how the asset is able to function and its expected life cycle. EZ-Rider takes into account elements such as climate, geography, road conditions, and route demands when assessing asset condition and developing performance measures and targets.

2.0 Asset Portfolio

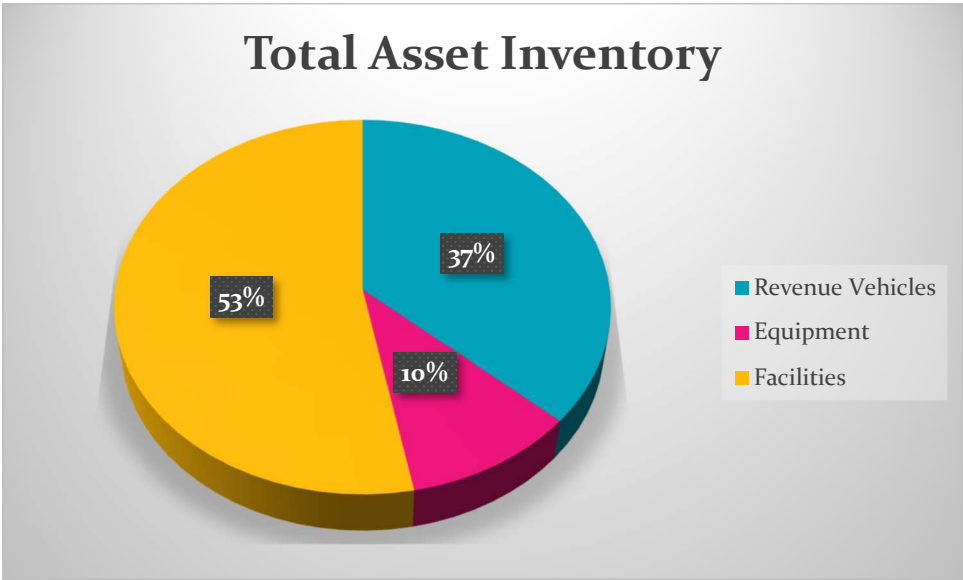
2.1 OVERVIEW OF CAPITAL ASSET INVENTORY

For the TAM Plan, capital assets are identified by three asset categories—Revenue Vehicles, Equipment, and Facilities. EZ-Rider’s revenue vehicles consist of transit coaches and cutaway buses. Equipment consists of non-revenue vehicles such as shop trucks and support vehicles, as well as maintenance equipment and tools. The Facilities category consists of all buildings and structures, including parking.

Note: Asset information is from EZ-Rider’s 2021 capital asset inventory. The Facility assets listed here include two transfer centers that are not owned but are maintained by EZ-Rider.

2.2 ASSET INVENTORY SUMMARY

Asset Category	Total Number	Avg Age	Avg Mileage	Avg Value
Revenue Vehicles	36	5.5	229,495	\$207,209
<i>BU - Bus</i>	15	8.0	365,491	\$340,636
<i>CU - Cutaway Bus</i>	21	3.7	132,355	\$111,904
Equipment	67	7.1	78,336	\$31,676
<i>Non-Revenue/Service Automobile</i>	3	0.3	7628	\$40,290
<i>Trucks and other Rubber Tire Vehicles</i>	3	11.5	149,045	\$55,864
<i>Shop Equipment</i>	62	7.3	N/A	\$29,577
Facilities	107	9.8	N/A	\$284,640
<i>Administration</i>	2	22.5	N/A	\$1,410,630
<i>Maintenance</i>	1	1	N/A	\$2,036,504
<i>Passenger Facilities</i>	69	14.3	N/A	\$40,240
<i>Facility Systems</i>	10	7.9	N/A	\$28,465



3.0 Asset Condition

3.1 ASSET CONDITION OVERVIEW

EZ-Rider uses useful life standards and physical inspection to rate the condition of its vehicles. Equipment condition is determined by the manufacturer recommended replacement schedules and physical inspection. For facilities, FTA has provided the Transit Economic Requirements Model (TERM) for assessment and rating.

TERM Rating	Condition	Description
Excellent	4.8-5.0	No visible defects, near-new condition.
Good	4.0-4.7	Some slightly defective or deteriorated components.
Adequate	3.0-3.9	Moderately defective or deteriorated components.
Marginal	2.0-2.9	Defective or deteriorated components in need of replacement.
Poor	1.0-1.9	Seriously damaged components in need of immediate repair.

3.2 ASSET CONDITION SUMMARY

Asset Category	Total Number	Avg Age	Avg Mileage	Avg TERM Condition	Avg Value	% At or Past ULB
Revenue Vehicles	36	5.5	229,495	N/A	\$207,209	30%
<i>BU - Bus</i>	15	8.0	365,491	N/A	\$340,636	60%
<i>CU - Cutaway Bus</i>	21	3.7	132,355	N/A	\$111,904	10%
Equipment	67	7.1	78,336	N/A	\$31,676	45%
<i>Non-Revenue/Service Automobile</i>	3	0.3	7628	N/A	\$40,290	0%
<i>Trucks and other Rubber Tire Vehicles</i>	3	11.5	149,045	N/A	\$55,864	100%
<i>Shop Equipment</i>	62	7.3	N/A	N/A	\$29,577	45%
Facilities	107	9.8	N/A	3.1	\$284,640	N/A
<i>Administration</i>	2	22.5	N/A	4.0	\$1,410,630	N/A
<i>Maintenance</i>	1	1	N/A	4.0	\$2,036,504	N/A
<i>Passenger Facilities</i>	69	14.3	N/A	2.2	\$40,240	N/A
<i>Facility Systems</i>	10	7.9	N/A	4.0	\$28,465	N/A

4.0 Management Approach

4.1 INVESTMENT PRIORITIZATION

EZ-Rider utilizes a number of tools to assess the investment project needs and timing for its assets. The process incorporates rehabilitation and replacement demands with reasonably anticipated financial forecasts. The useful life standards and ULB inform the development and tracking of the fleet and equipment replacement plans, with the help of maintenance software for tracking. Physical assessment of each asset informs determinations regarding its condition. Financial forecasts year-over-year are then applied to provide a framework for staged, prioritized implementation.

4.2 DECISION SUPPORT TOOLS

The following tools are used in making investment decisions:

Process/Tool	Brief Description
<i>Useful Life Benchmark</i>	Standard maximum age of an asset before it transitions into the SGR backlog
<i>Fleet Replacement Plan</i>	Documents the mileage of vehicles and anticipates timing of the end of useful life
<i>Equipment Replacement Plan</i>	Documents the age of assets and anticipates timing of end of useful life
<i>RTA Software</i>	Fleet software for tracking preventative maintenance, parts, warranties, etc.
<i>Visual Inspection/Professional Assessment</i>	Routine documented inventory and inspections

4.3 RISK MANAGEMENT

Risk	Mitigation Strategy
<i>Pre- and post-trip inspections not conducted thoroughly</i>	The Safety Coordinator trains personnel on the importance of inspection activities and performs surprise audits on inspection paperwork
<i>Scheduled maintenance not performed in a timely or consistent manner</i>	Managers review maintenance checklists and train personnel on the importance of preventative maintenance activity; agency acquires and maintains appropriate levels of maintenance personnel
<i>Loss of significant amounts of federal funds</i>	Comply with all requirements for receiving federal funds from the programs available to the agency
<i>Parts not available when needed for maintenance or repair</i>	Increase on-hand supply of items known to be experiencing supply chain shortages
<i>Service not available when needed</i>	Utilize planning tools to forecast service needs and schedule appropriately; identify and develop relationships with multiple service providers to provide increased opportunity for access to services
<i>Equipment failure</i>	Perform routine, targeted checks on each piece of essential equipment

4.4 PRIORITIZED LIST OF INVESTMENTS

Project Year	Project Name	Asset Category	Asset Class	Cost
2023	Acquisition - (10) Medium-duty Cutaway Buses	Revenue Vehicles	CU - Cutaway Bus	\$1,360,000
2023	Acquisition - (2) Service Truck	Equipment	Non Revenue/ Service Automobile	\$80,000
2024	Acquisition - (7) Medium-duty Cutaway Buses	Revenue Vehicles	CU - Cutaway Bus	\$952,000
2025	Acquisition - (2) Medium-duty Cutaway Buses	Revenue Vehicles	CU - Cutaway Bus	\$272,000
2026	Acquisition - (4) Medium-duty Cutaway Buses	Revenue Vehicles	CU - Cutaway Bus	\$544,000

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	Custom 1	41" Odyssey Farebox			1		MOUTD	2016		\$13,964.00
Equipment	Custom 1	AC Charger			1		MOUTD	2009		\$5,499.00
Equipment	Custom 1	Administration Furniture (CIP)			1		MOUTD	2015		\$72,005.59
Equipment	Custom 1	Air Compressors for Trucks (5339)			1		MOUTD	2015		\$6,157.00
Equipment	Custom 1	American 2 - Post Lift			1		MOUTD	2003		\$6,995.00
Equipment	Custom 1	Bus camera system			1		MOUTD	2016		\$20,625.50
Equipment	Custom 1	Bus Cameras (Premier Surveillance)			1		MOUTD	2022		\$12,275.00
Equipment	Custom 1	Caliper Software - TransCAD GIS Software			1		MOUTD	2009		\$5,020.00
Equipment	Custom 1	Computers - Preventive Maintenance			1		MOUTD	2020		\$5,605.20
Equipment	Custom 1	Computers - Preventive Maintenance			1		MOUTD	2020		\$5,605.20
Equipment	Custom 1	Electronic Badge System for Admin Building (Premier Surveillance)			1		MOUTD	2021		\$14,805.00
Equipment	Custom 1	Engine overhaul kits (5339)			1		MOUTD	2015		\$4,065.80
Equipment	Custom 1	Engine overhaul kits (5339)			1		MOUTD	2015		\$4,065.80
Equipment	Custom 1	Engine overhaul kits (5339)			1		MOUTD	2015		\$4,065.80
Equipment	Custom 1	Engine overhaul kits (5339)			1		MOUTD	2015		\$4,065.80
Equipment	Custom 1	Engine overhaul kits (5339)			1		MOUTD	2015		\$4,065.80
Equipment	Custom 1	Engine Stand (5339)			1		MOUTD	2015		\$6,710.00
Equipment	Custom 1	ESRI Software			1		MOUTD	2009		\$7,552.61
Equipment	Custom 1	Fareboxes (Genfare)			1		MOUTD	2021		\$179,623.00
Equipment	Custom 1	Fareboxes (Genfare)			1		MOUTD	2021		\$16,717.00
Equipment	Custom 1	Fareboxes (Genfare)			1		MOUTD	2021		\$9,716.98
Equipment	Custom 1	Forklift (Medley Material)			1		MOUTD	2022		\$28,755.00
Equipment	Custom 1	Fuel System Apparatus			1		MOUTD	2013		\$234,000.00
Equipment	Custom 1	Fuel System Controller			1		MOUTD	2013		\$50,000.00
Equipment	Custom 1	Furniture for New Building (A-1 Office Furniture)			1		MOUTD	2021		\$13,225.00
Equipment	Custom 1	GFI Data System			1		MOUTD	2009		\$40,500.00
Equipment	Custom 1	GFI PEMS			1		MOUTD	2009		\$125,600.00
Equipment	Custom 1	GFI Simulator			1		MOUTD	2009		\$12,570.00
Equipment	Custom 1	GFI Upgrade			1		MOUTD	2009		\$11,400.00
Equipment	Custom 1	GFI Upgrade			1		MOUTD	2009		\$32,650.00
Equipment	Custom 1	Heli CPCD25G Forklift			1		MOUTD	2016		\$15,367.00
Equipment	Custom 1	In-Vehicle Monitoring System (Samsara)			1		MOUTD	2020		\$89,229.00
Equipment	Custom 1	In-Vehicle Monitoring System (Samsara)			1		MOUTD	2021		\$6,609.15
Equipment	Custom 1	Lift Jack			1		MOUTD	2010		\$7,890.00
Equipment	Custom 1	Lift Jack			1		MOUTD	2017		\$39,995.00
Equipment	Custom 1	Lift Jack (Reeder Distributors)			1		MOUTD	2022		\$47,775.00
Equipment	Custom 1	Maintenance Bldg Security Camera System			1		MOUTD	2013		\$32,300.00

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
Equipment	Custom 1	Maintenance Work Tables			1		MOUTD	2013		\$9,000.00
Equipment	Custom 1	Money Counting Machine (Cummins Allison)			1		MOUTD	2021		\$5,430.52
Equipment	Custom 1	Number Keypads (Samsara)			1		MOUTD	2022		\$7,968.60
Equipment	Custom 1	Odessa Base Station			1		MOUTD	2003		\$14,772.00
Equipment	Custom 1	OTC Tool - 2,000 lb capacity lift set			1		MOUTD	2009		\$8,675.00
Equipment	Custom 1	Phoenix SQL Server Software			1		MOUTD	2014		\$6,766.00
Equipment	Custom 1	Pictometry - Electronic Field Study Info System			1		MOUTD	2009		\$20,000.00
Equipment	Custom 1	Pressure Washer			1		MOUTD	2020		\$7,599.99
Equipment	Custom 1	Process Fluid System			1		MOUTD	2013		\$40,600.00
Equipment	Custom 1	Radios for buses (Pro Communications)			1		MOUTD	2021		\$26,789.80
Equipment	Custom 1	Reeder Mobil Column Lifts			1		MOUTD	2013		\$38,100.00
Equipment	Custom 1	Ride Systems (GPS monitoring and TVs) (Planning)			1		MOUTD	2015		\$6,363.61
Equipment	Custom 1	SAFETY VISION - Camera upgrades			1		MOUTD	2009		\$36,410.00
Equipment	Custom 1	Scheduling Software - EcoLane System			1		MOUTD	2009		\$178,552.00
Equipment	Custom 1	Server			1		MOUTD	2014		\$13,059.00
Equipment	Custom 1	Shelving and Storage System			1		MOUTD	2013		\$60,000.00
Equipment	Custom 1	Squarerigger Software			1		MOUTD	2009		\$14,348.00
Equipment	Custom 1	Surveillance System (Premier Surveillance)			1		MOUTD	2021		\$35,935.00
Equipment	Custom 1	Telephone System (5339)			1		MOUTD	2015		\$14,854.57
Equipment	Custom 1	Tire change machinery			1		MOUTD	2016		\$32,441.40
Equipment	Custom 1	Transloc Google Earth Sytem			1		MOUTD	2017		\$5,000.00
Equipment	Custom 1	Transmission Jack			1		MOUTD	2020		\$8,773.69
Equipment	Custom 1	Twinvision-upgrade			1		MOUTD	2009		\$7,200.00
Equipment	Custom 1	Vacuum System			1		MOUTD	2013		\$32,500.00
Equipment	Custom 1	Waste Oil Disposal System			1		MOUTD	2013		\$5,600.00
Equipment	Non Revenue/Service Automobile	2020 Ford Transit Van 2111	Ford	Transit	1		MOUTD	2021	19,557	\$58,722.00
Equipment	Non Revenue/Service Automobile	2022 Chevy Equinox 2211	Chevy	Equinox	1		MOUTD	2022	1,701	\$31,074.86
Equipment	Non Revenue/Service Automobile	2022 Chevy Equinox 2212	Chevy	Equinox	1		MOUTD	2022	1,625	\$31,074.86
Equipment	Trucks and other Rubber Tire Vehicles	2009 Heavy Duty Dodge Trucks - 2 927, 928	Dodge	Pick-up	1		MOUTD	2009	284,436	\$144,144.52
Equipment	Trucks and other Rubber Tire Vehicles	2012 FORD 1/2 TON PICK-UP 1201	Ford	Pick-up	1		MOUTD	2012	162,700	\$23,447.00
Facilities*		Benches			1		MOUTD	2009		\$76,842.00
Facilities*		Bus Signs			1		MOUTD	2009		\$21,530.00
Facilities*		Schedule Holder Brackets			1		MOUTD	2009		\$37,124.00
Facilities*		Schedule Holders			1		MOUTD	2009		\$35,311.00
Facilities*		Schedule Holders			1		MOUTD	2009		\$24,475.36

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
Facilities*		7' Eclipse Aluminum Bench			1		MOUTD	2019		\$17,940.00
Facilities*		Admin Building camera system			1		MOUTD	2015		\$15,698.98
Facilities*		Administration Building (CIP)			1		MOUTD	2015		\$2,608,062.26
Facilities*		Air System			1		MOUTD	2013		\$40,900.00
Facilities*		Annex Building			1		MOUTD	2018		\$213,197.68
Facilities*		Automatic Gate Upgrade (E&D grant)			1		MOUTD	2014		\$15,757.98
Facilities*		Back up Generator System			1		MOUTD	2013		\$29,500.00
Facilities*		Braille Plates			1		MOUTD	2009		\$24,962.92
Facilities*		Bus Stop Signs			1		MOUTD	2004		\$20,048.00
Facilities*		Camera System			1		MOUTD	2017		\$14,933.30
Facilities*		Elec Room A/C System			1		MOUTD	2013		\$5,000.00
Facilities*		Fencing with Gates			1		MOUTD	2013		\$95,000.00
Facilities*		Landscaping			1		MOUTD	2013		\$28,500.00
Facilities*		Maintenance Building			1		MOUTD	2013		\$4,030,302.50
Facilities*		Maintenance Building			1		MOUTD	2014		\$42,704.80
Facilities*		New HVAC System for Annex (Action Air and nPlumbing)			1		MOUTD	2022		\$15,787.00
Facilities*		NS Bush Wash			1		MOUTD	2013		\$134,000.00
Facilities*		Overhead Electric Rollup Doors (4 LG, 2 SM)			1		MOUTD	2013		\$44,200.00
Facilities*		Parking Lot			1		MOUTD	2013		\$467,500.00
Facilities*		Parking Lot Lighting System			1		MOUTD	2013		\$45,000.00
Facilities*		Passanger Shelters			1		MOUTD	2004		\$45,252.00
Facilities*		Passenger Shelters			1		MOUTD	2006		\$77,144.00
Facilities*		Passenger Shelters			1		MOUTD	2008		\$94,050.00
Facilities*		Phase 3 Maintenance Expansion			1		MOUTD	2019		\$2,290,991.50
Facilities*		Shelter Dome			1		MOUTD	2009		\$12,679.00
Facilities*		Shelter Installations			1		MOUTD	2009		\$76,588.00
Facilities*		Sidewalk between Main Building and Annex (Powerhouse Construction)			1		MOUTD	2021		\$6,290.00
Facilities*		Sidewalk by Bus Wash (Complex Construction)			1		MOUTD	2021		\$6,300.00
Facilities*		Sign Poles			1		MOUTD	2003		\$14,464.00
Facilities*		Sprinkler System			1		MOUTD	2013		\$9,800.00
Facilities*		Transfer Center Construction			1		MOUTD	2003		\$35,599.78
Facilities*		Transfer Center Construction			1		MOUTD	2003		\$29,836.55
Facilities*		Waterwell irrigation system			1		MOUTD	2017		\$13,057.18
RevenueVehicles	BU - Bus	2008 Chevy Heavy Duty Shuttle 802	Chevy	HD Shuttle	1		MOUTD	2008	314,780	\$131,362.00
RevenueVehicles	BU - Bus	2021 Gillig Low Floor 2101	Gillig	29' LF	1		MOUTD	2021	52,489	\$424,475.00
RevenueVehicles	BU - Bus	2021 Gillig Low Floor 2102	Gillig	29' LF	1		MOUTD	2021	52,467	\$424,475.00
RevenueVehicles	BU - Bus	2022 Gillig Transit Bus 2201	Gillig	29' LF	1		MOUTD	2022	13,694	\$428,277.00
RevenueVehicles	BU - Bus	2022 Gillig Transit Bus 2202	Gillig	29' LF	1		MOUTD	2022	5,289	\$428,277.00

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
RevenueVehicles	BU - Bus	2022 Gillig Transit Bus 2203	Gillig	29' LF	1		MOUTD	2022	8,321	\$428,277.00
RevenueVehicles	BU - Bus	2022 Gillig Transit Bus 2204	Gillig	29' LF	1		MOUTD	2022	9,572	\$428,277.00
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 903	El Dorado	EZ Rider MAX II	1		MOUTD	2009	579,755	\$298,083.00
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 905	El Dorado	EZ Rider MAX II	1		MOUTD	2009	573,500	\$298,083.00
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 907	El Dorado	EZ Rider MAX II	1		MOUTD	2009	574,300	\$298,083.00
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 908	El Dorado	EZ Rider MAX II	1		MOUTD	2009	598,767	\$298,083.00
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 909	El Dorado	EZ Rider MAX II	1		MOUTD	2009	542,800	\$298,083.00
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 911	El Dorado	EZ Rider MAX II	1		MOUTD	2009	514,833	\$298,083.00
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 912	El Dorado	EZ Rider MAX II	1		MOUTD	2009	587,302	\$298,083.00
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 913	El Dorado	EZ Rider MAX II	1		MOUTD	2009	586,500	\$329,544.00
RevenueVehicles	CU - Cutaway Bus	2015 GLAVAL PRIMETIME (5339) 1506	Glaval	Primetime	1		MOUTD	2015	211,514	\$61,990.00
RevenueVehicles	CU - Cutaway Bus	2015 GLAVAL PRIMETIME (5339) 1505	Glaval	Primetime	1		MOUTD	2015	214,910	\$61,990.00
RevenueVehicles	CU - Cutaway Bus	2016 GLAVAL PRIMETIME 1601	Glaval	Primetime	1		MOUTD	2016	202,062	\$61,990.00
RevenueVehicles	CU - Cutaway Bus	2016 GLAVAL PRIMETIME 1602	Glaval	Primetime	1		MOUTD	2016	181,932	\$61,990.00
RevenueVehicles	CU - Cutaway Bus	2016 GLAVAL UNIVERSAL 1603	Glaval	Universal	1		MOUTD	2016	226,527	\$97,973.00
RevenueVehicles	CU - Cutaway Bus	2016 GLAVAL UNIVERSAL 1604	Glaval	Universal	1		MOUTD	2016	247,482	\$97,973.00
RevenueVehicles	CU - Cutaway Bus	2016 GLAVAL UNIVERSAL 1605	Glaval	Universal	1		MOUTD	2016	258,029	\$97,973.00
RevenueVehicles	CU - Cutaway Bus	2017 ARBOC 1701	ARBOC		1		MOUTD	2017	156,619	\$74,011.00
RevenueVehicles	CU - Cutaway Bus	2017 ARBOC 1702	ARBOC		1		MOUTD	2017	93,825	\$123,711.00
RevenueVehicles	CU - Cutaway Bus	2017 ARBOC 1703	ARBOC		1		MOUTD	2017	129,088	\$123,711.00
RevenueVehicles	CU - Cutaway Bus	2017 ARBOC 1704	ARBOC		1		MOUTD	2017	136,495	\$123,711.00
RevenueVehicles	CU - Cutaway Bus	2019 26' Ford Champion Challenger 2001	Ford	Challenger	1		MOUTD	2020	63,723	\$137,961.21
RevenueVehicles	CU - Cutaway Bus	2019 ARBOC 1901	ARBOC		1		MOUTD	2019	47,890	\$140,055.00
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2103	Ford	Champion	1		MOUTD	2021	88,210	\$135,618.63
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2104	Ford	Champion	1		MOUTD	2021	92,179	\$135,618.63
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2105	Ford	Champion	1		MOUTD	2021	91,582	\$135,618.63
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2106	Ford	Champion	1		MOUTD	2021	87,275	\$135,618.63
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2107	Ford	Champion	1		MOUTD	2021	80,179	\$135,618.63

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2108	Ford	Champion	1		MOUTD	2021	87,028	\$135,618.63
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2109	Ford	Champion	1		MOUTD	2021	72,619	\$135,618.63
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2110	Ford	Champion	1		MOUTD	2021	90,577	\$135,618.63

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	BU - Bus	2008 Chevy Heavy Duty Shuttle 802	1		14	314,780	\$131,362.00	12	Yes
RevenueVehicles	BU - Bus	2021 Gillig Low Floor 2101	1		1	52,489	\$424,475.00	12	No
RevenueVehicles	BU - Bus	2021 Gillig Low Floor 2102	1		1	52,467	\$424,475.00	12	No
RevenueVehicles	BU - Bus	2022 Gillig Transit Bus 2201	1			13,694	\$428,277.00	12	No
RevenueVehicles	BU - Bus	2022 Gillig Transit Bus 2202	1			5,289	\$428,277.00	12	No
RevenueVehicles	BU - Bus	2022 Gillig Transit Bus 2203	1			8,321	\$428,277.00	12	No
RevenueVehicles	BU - Bus	2022 Gillig Transit Bus 2204	1			9,572	\$428,277.00	12	No
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 903	1		13	579,755	\$298,083.00	12	Yes
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 905	1		13	573,500	\$298,083.00	12	Yes
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 907	1		13	574,300	\$298,083.00	12	Yes
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 908	1		13	598,767	\$298,083.00	12	Yes
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 909	1		13	542,800	\$298,083.00	12	Yes
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 911	1		13	514,833	\$298,083.00	12	Yes
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 912	1		13	587,302	\$298,083.00	12	Yes
RevenueVehicles	BU - Bus	EIDorado Nat'l Heavy Duty Low Floor Coach 913	1		13	586,500	\$329,544.00	12	Yes

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	CU - Cutaway Bus	2015 GLAVAL PRIMETIME (5339) 1506	1		7	211,514	\$61,990.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	2015 GLAVAL PRIMETIME (5339) 1505	1		7	214,910	\$61,990.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	2016 GLAVAL PRIMETIME 1601	1		6	202,062	\$61,990.00	7	No
RevenueVehicles	CU - Cutaway Bus	2016 GLAVAL PRIMETIME 1602	1		6	181,932	\$61,990.00	7	No
RevenueVehicles	CU - Cutaway Bus	2016 GLAVAL UNIVERSAL 1603	1		6	226,527	\$97,973.00	7	No
RevenueVehicles	CU - Cutaway Bus	2016 GLAVAL UNIVERSAL 1604	1		6	247,482	\$97,973.00	7	No
RevenueVehicles	CU - Cutaway Bus	2016 GLAVAL UNIVERSAL 1605	1		6	258,029	\$97,973.00	7	No
RevenueVehicles	CU - Cutaway Bus	2017 ARBOC 1701	1		5	156,619	\$74,011.00	7	No
RevenueVehicles	CU - Cutaway Bus	2017 ARBOC 1702	1		5	93,825	\$123,711.00	7	No
RevenueVehicles	CU - Cutaway Bus	2017 ARBOC 1703	1		5	129,088	\$123,711.00	7	No
RevenueVehicles	CU - Cutaway Bus	2017 ARBOC 1704	1		5	136,495	\$123,711.00	7	No
RevenueVehicles	CU - Cutaway Bus	2019 26' Ford Champion Challenger 2001	1		2	63,723	\$137,961.21	7	No
RevenueVehicles	CU - Cutaway Bus	2019 ARBOC 1901	1		3	47,890	\$140,055.00	7	No
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2103	1		1	88,210	\$135,618.63	7	No
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2104	1		1	92,179	\$135,618.63	7	No
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2105	1		1	91,582	\$135,618.63	7	No
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2106	1		1	87,275	\$135,618.63	7	No
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2107	1		1	80,179	\$135,618.63	7	No
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2108	1		1	87,028	\$135,618.63	7	No
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2109	1		1	72,619	\$135,618.63	7	No
RevenueVehicles	CU - Cutaway Bus	2019 Ford Champion 2110	1		1	90,577	\$135,618.63	7	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	Custom 1	41" Odyssey Farebox	1		6		\$13,964.00	20	No
Equipment	Custom 1	AC Charger	1		13		\$5,499.00	20	No
Equipment	Custom 1	Administration Furniture (CIP)	1		7		\$72,005.59	7	Yes
Equipment	Custom 1	Air Compressors for Trucks (5339)	1		7		\$6,157.00	20	No
Equipment	Custom 1	American 2 - Post Lift	1		19		\$6,995.00	7	Yes
Equipment	Custom 1	Bus camera system	1		6		\$20,625.50	7	No
Equipment	Custom 1	Bus Cameras (Premier Surveillance)	1				\$12,275.00	3	No
Equipment	Custom 1	Caliper Software - TransCAD GIS Software	1		13		\$5,020.00	8	Yes
Equipment	Custom 1	Computers - Preventive Maintenance	1		2		\$5,605.20	8	No
Equipment	Custom 1	Computers - Preventive Maintenance	1		2		\$5,605.20	8	No
Equipment	Custom 1	Electronic Badge System for Admin Building (Premier Surveillance)	1		1		\$14,805.00	14	No
Equipment	Custom 1	Engine overhaul kits (5339)	1		7		\$4,065.80	14	No
Equipment	Custom 1	Engine overhaul kits (5339)	1		7		\$4,065.80	14	No
Equipment	Custom 1	Engine overhaul kits (5339)	1		7		\$4,065.80	14	No
Equipment	Custom 1	Engine overhaul kits (5339)	1		7		\$4,065.80	14	No
Equipment	Custom 1	Engine overhaul kits (5339)	1		7		\$4,065.80	14	No
Equipment	Custom 1	Engine Stand (5339)	1		7		\$6,710.00	14	No
Equipment	Custom 1	ESRI Software	1		13		\$7,552.61	3	Yes
Equipment	Custom 1	Fareboxes (Genfare)	1		1		\$179,623.00	7	No
Equipment	Custom 1	Fareboxes (Genfare)	1		1		\$16,717.00	7	No
Equipment	Custom 1	Fareboxes (Genfare)	1		1		\$9,716.98	7	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
Equipment	Custom 1	Forklift (Medley Material)	1				\$28,755.00	10	No
Equipment	Custom 1	Fuel System Apparatus	1		9		\$234,000.00	20	No
Equipment	Custom 1	Fuel System Controller	1		9		\$50,000.00	20	No
Equipment	Custom 1	Furniture for New Building (A-1 Office Furniture)	1		1		\$13,225.00	5	No
Equipment	Custom 1	GFI Data System	1		13		\$40,500.00	3	Yes
Equipment	Custom 1	GFI PEMS	1		13		\$125,600.00	3	Yes
Equipment	Custom 1	GFI Simulator	1		13		\$12,570.00	12	Yes
Equipment	Custom 1	GFI Upgrade	1		13		\$11,400.00	3	Yes
Equipment	Custom 1	GFI Upgrade	1		13		\$32,650.00	3	Yes
Equipment	Custom 1	Heli CPCD25G Forklift	1		6		\$15,367.00	10	No
Equipment	Custom 1	In-Vehicle Monitoring System (Samsara)	1		2		\$89,229.00	3	No
Equipment	Custom 1	In-Vehicle Monitoring System (Samsara)	1		1		\$6,609.15	3	No
Equipment	Custom 1	Lift Jack	1		12		\$7,890.00	3	Yes
Equipment	Custom 1	Lift Jack	1		5		\$39,995.00	3	Yes
Equipment	Custom 1	Lift Jack (Reeder Distributors)	1				\$47,775.00	3	No
Equipment	Custom 1	Maintenance Bldg Security Camera System	1		9		\$32,300.00	10	No
Equipment	Custom 1	Maintenance Work Tables	1		9		\$9,000.00	7	Yes
Equipment	Custom 1	Money Counting Machine (Cummins Allison)	1		1		\$5,430.52	5	No
Equipment	Custom 1	Number Keypads (Samsara)	1				\$7,968.60	5	No
Equipment	Custom 1	Odessa Base Station	1		19		\$14,772.00	5	Yes
Equipment	Custom 1	OTC Tool - 2,000 lb capacity lift set	1		13		\$8,675.00	3	Yes
Equipment	Custom 1	Phoenix SQL Server Software	1		8		\$6,766.00	3	Yes
Equipment	Custom 1	Pictometry - Electronic Field Study Info System	1		13		\$20,000.00	3	Yes
Equipment	Custom 1	Pressure Washer	1		2		\$7,599.99	5	No
Equipment	Custom 1	Process Fluid System	1		9		\$40,600.00	5	Yes

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	Custom 1	Radios for buses (Pro Communications)	1		1		\$26,789.80	5	No
Equipment	Custom 1	Reeder Mobil Column Lifts	1		9		\$38,100.00	3	Yes
Equipment	Custom 1	Ride Systems (GPS monitoring and TVs) (Planning)	1		7		\$6,363.61	3	Yes
Equipment	Custom 1	SAFETY VISION - Camera upgrades	1		13		\$36,410.00	3	Yes
Equipment	Custom 1	Scheduling Software - EcoLane System	1		13		\$178,552.00	3	Yes
Equipment	Custom 1	Server	1		8		\$13,059.00	3	Yes
Equipment	Custom 1	Shelving and Storage System	1		9		\$60,000.00	7	Yes
Equipment	Custom 1	Squarerigger Software	1		13		\$14,348.00	3	Yes
Equipment	Custom 1	Surveillance System (Premier Surveillance)	1		1		\$35,935.00	3	No
Equipment	Custom 1	Telephone System (5339)	1		7		\$14,854.57	5	Yes
Equipment	Custom 1	Tire change machinery	1		6		\$32,441.40	5	Yes
Equipment	Custom 1	Transloc Google Earth Sytem	1		5		\$5,000.00	3	Yes
Equipment	Custom 1	Transmission Jack	1		2		\$8,773.69	7	No
Equipment	Custom 1	Twinvision-upgrade	1		13		\$7,200.00	3	Yes
Equipment	Custom 1	Vacuum System	1		9		\$32,500.00	20	No
Equipment	Custom 1	Waste Oil Disposal System	1		9		\$5,600.00	20	No
Equipment	Non Revenue/Service Automobile	2020 Ford Transit Van 2111	1		1	19,557	\$58,722.00	5	No
Equipment	Non Revenue/Service Automobile	2022 Chevy Equinox 2211	1			1,701	\$31,074.86	5	No
Equipment	Non Revenue/Service Automobile	2022 Chevy Equinox 2212	1			1,625	\$31,074.86	5	No
Equipment	Trucks and other Rubber Tire Vehicles	2009 Heavy Duty Dodge Trucks - 2 927, 928	1		13	284,436	\$144,144.52	7	Yes
Equipment	Trucks and other Rubber Tire Vehicles	2012 FORD 1/2 TON PICK-UP 1201	1		10	162,700	\$23,447.00	5	Yes

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*		Benches	1		13	4	\$76,842.00
Facilities*		Bus Signs	1		13	3	\$21,530.00
Facilities*		Schedule Holder Brackets	1		13	4	\$37,124.00
Facilities*		Schedule Holders	1		13	5	\$35,311.00
Facilities*		Schedule Holders	1		13	4	\$24,475.36
Facilities*		7' Eclipse Aluminum Bench	1		3	3	\$17,940.00
Facilities*		Admin Building camera system	1		7	3	\$15,698.98
Facilities*		Administration Building (CIP)	1		7	3	\$2,608,062.26
Facilities*		Air System	1		9	4	\$40,900.00
Facilities*		Annex Building	1		4	4	\$213,197.68
Facilities*		Automatic Gate Upgrade (E&D grant)	1		8	4	\$15,757.98
Facilities*		Back up Generator System	1		9	4	\$29,500.00
Facilities*		Braille Plates	1		13	4	\$24,962.92
Facilities*		Bus Stop Signs	1		18	4	\$20,048.00
Facilities*		Camera System	1		5	5	\$14,933.30
Facilities*		Elec Room A/C System	1		9	4	\$5,000.00
Facilities*		Fencing with Gates	1		9	4	\$95,000.00
Facilities*		Landscaping	1		9	4	\$28,500.00
Facilities*		Maintenance Building	1		9	4	\$4,030,302.50
Facilities*		Maintenance Building	1		8	4	\$42,704.80
Facilities*		New HVAC System for Annex (Action Air and nPlumbing)	1			4	\$15,787.00
Facilities*		NS Bush Wash	1		9	4	\$134,000.00
Facilities*		Overhead Electric Rollup Doors (4 LG, 2 SM)	1		9	4	\$44,200.00
Facilities*		Parking Lot	1		9	4	\$467,500.00
Facilities*		Parking Lot Lighting System	1		9	3	\$45,000.00
Facilities*		Passanger Shelters	1		18	3	\$45,252.00
Facilities*		Passenger Shelters	1		16	3	\$77,144.00
Facilities*		Passenger Shelters	1		14	3	\$94,050.00
Facilities*		Phase 3 Maintenance Expansion	1		3	5	\$2,290,991.50
Facilities*		Shelter Dome	1		13	3	\$12,679.00
Facilities*		Shelter Installations	1		13	3	\$76,588.00
Facilities*		Sidewalk between Main Building and Annex (Powerhouse Construction)	1		1	4	\$6,290.00

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	TERM Scale Condition	Replacement Cost/Value
Facilities*		Sidewalk by Bus Wash (Complex Construction)	1		1	4	\$6,300.00
Facilities*		Sign Poles	1		19	4	\$14,464.00
Facilities*		Sprinkler System	1		9	4	\$9,800.00
Facilities*		Transfer Center Construction	1		19	4	\$35,599.78
Facilities*		Transfer Center Construction	1		19	4	\$29,836.55
Facilities*		Waterwell irrigation system	1		5	4	\$13,057.18

Appendix C: Proposed Investment Project List

Project Year	Project Name	Asset/Asset Class	Cost	Priority
2023	Acquisition - (10) Medium-duty Cutaway Buses	RevenueVehicles	\$1,360,000.00	High
2023	Acquisition - (2) Service Truck	Equipment	\$80,000.00	Medium
2024	Acquisition - (7) Medium-duty Cutaway Buses	RevenueVehicles	\$952,000.00	High
2025	Acquisition - (2) Medium-duty Cutaway Buses	RevenueVehicles	\$272,000.00	Low
2026	Acquisition - (4) Medium-duty Cutaway Buses	RevenueVehicles	\$544,000.00	Low