

TAM Plan

TAM Plan Name: Clone of Richland County Transit: Transit Asset Management Plan

TAM Plan Type: Tier II

Agency Name: Richland County Transit

Account Executive Name: Jean Taddie

Last Modified Date: 08/24/2022

Introduction

Brief Overview

This Plan has been prepared to address the asset management needs of Richland County Transit. This plan shall be used as a guide to not only maintain, but improve the assets that are under the control of the Richland County Transit Board. Richland County Transit is a small urban transit system that provides fixed route and demand response services in the Mansfield, Ohio urbanized area with support from FTA 5307 funding. The RCT Board has no direct employees and contracts with Richland County Regional Planning Commission for fiscal and administrative management and with First Transit for management of RCT's operations. RCT currently operates from 6am to 6pm, Monday through Friday. The service area for our 9 fixed routes and complementary ADA paratransit includes Mansfield, and portions of Ontario, Shelby and Madison Township, Ohio. During the pandemic, ridership dropped over 50%, so the RCTB is looking to rebuild ridership. To that end, the RCTB is developing a new Transit Development Plan to guide RCT over the next 10 years that may lead to further refinements of this TAM plan in 2023.

Methods for Target-Setting

Performance targets were set with a goal of a high level of service as the expected outcome. To achieve this we will work towards a goal of not exceeding the useful life benchmarks set forth in this document. These benchmarks may differ from the standard benchmarks prescribed by the Federal Transit Administration, as the particular circumstances that Richland County Transit (RCT) encounters may differ. RCT is a small urban system and operates a relatively low number of miles per vehicle each year for its fleet. This fact leads to the extension of the ULB for service vehicles and the target overage allowed for BU and CU class revenue vehicles.

Performance Targets & Measures

Agency Name	Asset Category	Asset Class	2022 Target	2023 Target	2024 Target	2025 Target	2026 Target	2027 Target
Richland County Transit	Equipment	Other Rubber Tire Vehicles	67%	0%	0%	0%	0%	0%
Richland County Transit	Facilities	Administrative / Maintenance Facilities	0%	0%	0%	0%	0%	0%
Richland County Transit	Facilities	Passenger Facilities	0%	0%	0%	0%	0%	0%
Richland County Transit	Revenue Vehicles	BU - Bus	0%	5%	5%	5%	5%	5%
Richland County Transit	Revenue Vehicles	CU - Cutaway	0%	5%	5%	5%	5%	5%

TAM Vision

Richland County Transit strives toward excellence in the transit services it provides to the public of Richland County. This Plan is the basis for maintaining a high level of service through sound management of its assets, to include vehicles and facilities.

TAM Goals

Goal	Objectives
Maintain revenue vehicles in serviceable condition thru their useful life benchmark (ULB), which is 14 years for BU and 10 years for CU revenue vehicles. Service vehicle ULB has been increased to 15 years.	Replace revenue vehicles at or closely after their ULB, Maintain Revenue vehicles in a serviceable condition thru scheduled preventative maintenance i.e. oil changes
Provide transit service in a safe manner with zero preventable accidents.	Train employees in safe methods to complete assigned tasks (to include vehicle operation and maintenance), correct unsafe conditions as soon as they are identified, and work proactively to identify areas that could use improvement

Capital Asset Inventory

Asset Inventory Summary

Asset Category/Class	Total Number	Avg Age	Avg Mileage	Avg Replacement Cost/Value	Total Replacement Cost/Value
Revenue Vehicles	19	6.9	74,352	\$251,785.89	\$4,783,932.00
BU - Bus	8	7.1	98,015	\$448,231.75	\$3,585,854.00
CU - Cutaway Bus	11	6.7	57,143	\$108,916.18	\$1,198,078.00
Equipment	30	13.0	N/A	\$3,078.17	\$92,345.00
Other Rubber Tire	3	12.3	N/A	\$15,750.00	\$47,250.00

Vehicles					
Building Hardware	1	32.0	N/A	\$8,125.00	\$8,125.00
Equipment	26	12.4	N/A	\$1,421.92	\$36,970.00
Facilities	2	28.0	N/A	\$1,240,275.00	\$2,480,546.00
Maintenance	1	32.0	N/A	\$1,828,550.00	\$1,828,546.00
Passenger Facilities	1	24.0	N/A	\$652,000.00	\$652,000.00

Condition Assessment

Asset Condition Summary

Asset Category/Class	Total Number	Avg Age	Avg Mileage	Avg Replacement Cost/Value	Total Replacement Cost/Value	% At or Exceeds ULB	% of Track Miles in Slow Zone	Number of Facilities less than 3 on TERM scale
Revenue Vehicles	19	6.9	74,352	\$251,785.89	\$4,783,932.00	16%	N/A	N/A
BU - Bus	8	7.1	98,015	\$448,231.75	\$3,585,854.00	13%	N/A	N/A
CU - Cutaway Bus	11	6.7	57,143	\$108,916.18	\$1,198,078.00	18%	N/A	N/A
Equipment	30	13.0	N/A	\$3,078.17	\$92,345.00	93%	N/A	N/A
Other Rubber Tire Vehicles	3	12.3	N/A	\$15,750.00	\$47,250.00	33%	N/A	N/A
Building Hardware	1	32.0	N/A	\$8,125.00	\$8,125.00	100%	N/A	N/A
Equipment	26	12.4	N/A	\$1,421.92	\$36,970.00	100%	N/A	N/A
Facilities	2	28.0	N/A	\$1,240,275.00	\$2,480,546.00	N/A	N/A	0
Maintenance	1	32.0	N/A	\$1,828,550.00	\$1,828,546.00	N/A	N/A	0
Passenger Facilities	1	24.0	N/A	\$652,000.00	\$652,000.00	N/A	N/A	0

Decision Support

Decision Support Tools

The following tools are used in making investment decisions:

Process/Tool	Brief Description
Capital Improvement Plan: Revenue Vehicles, Support Equipment, and Facilities.	. Specifically, the identification and analysis of current and future federal and state grants, as well as, local resources. The RCTB Transit Fiscal Officer will be preparing this part of the Plan. CAPITAL NEEDS Bus Replacement – The Bus Replacement schedule details the year that the current fleet will meet the FTA useful life requirement for replacement and the projected cost. Driver barrier costs have been added to the cost estimates for buses to be replaced after 2022.
Asset Condition Reporting Workbook	Asset condition is reported within an Excel Workbook that identifies the asset, its condition, and other relevant information. This is then used to assess the overall condition of assets and aid in determining what is most in need of repair or replacement, and aid in planning for future procurement.

Disposal Strategy

Asset Category	Asset Class	Disposal Strategy	Updated Date
Equipment	Equipment	Equipment that is no longer needed, past its useful life or broken / damaged will be disposed of and/or sold via auction on GOVDEALS.COM after authorization by RCTB. If another method is used, it will first be authorized by the RCTB.	
Revenue Vehicles	BU - Bus	Busses that are no longer needed, past their useful life or broken / damaged will be disposed of thru auction on GOVDEALS.COM after authorization by RCTB. If another method is used, it will first be authorized by the RCTB. Buses will be disposed of to maximize their usefulness to RCTB by saving easy to replace and/or hi-value parts that can be reused on other vehicles. This will be balanced with maximizing the sale price of the vehicle to obtain the	

		greatest recoupment possible	
Revenue Vehicles	CU - Cutaway Bus	Cutaway Busses that are no longer needed, past their useful life or broken / damaged will be disposed of thru auction on GOVDEALS.COM after authorization by RCTB. If another method is used, it will first be authorized by the RCTB. Buses will be disposed of to maximize their usefulness to RCTB by saving easy to replace and/or hi-value parts that can be reused on other vehicles. This will be balanced with maximizing the sale price of the vehicle to obtain the greatest recoupment possible.	
Equipment	Non Revenue/Service Automobile	Service vehicles that are no longer needed, past their useful life or broken / damaged will be disposed of thru auction on GOVDEALS.COM after authorization by RCTB. If another method is used, it will first be authorized by the RCTB. Vehicles will be disposed of to maximize their usefulness to RCTB by saving easy to replace and/or hi-value parts that can be reused on other vehicles. This will be balanced with maximizing the sale price of the vehicle to obtain the greatest recoupment possible.	

Risk Management

Risk	Mitigation Strategy
Loss of federal funds	Determine alternative funding sources or partnerships and adjust budget to reduce dependency on federal funds
Vehicle collision or accident while in revenue service	Provide training to drivers on safe driving techniques and maintain insurance coverage on vehicles to limit financial liability.
Vehicle Breakdown	Maintain adequate fleet of vehicles to substitute in case of a major or long term repair is required.

Investment Prioritization

Our investment / procurements are prioritized based on need and available funding with projected useful life left considered.

Proposed Investments

Project Name	Project Year	Asset Category	Asset Class	Cost	Priority	Updated Date
Cutaway Bus Replacement	2032	Revenue Vehicles	CU - Cutaway Bus	\$673,000.00	High	
Bus Replacement	2032	Revenue Vehicles	BU - Bus	\$1,250,000.00	High	
Bus Replacement	2031	Revenue Vehicles	BU - Bus	\$1,815,000.00	High	
Cutaway Bus Replacement	2031	Revenue Vehicles	CU - Cutaway Bus	\$125,000.00	High	
Bus Replacement	2029	Revenue Vehicles	BU - Bus	\$615,000.00	High	
Cutaway Bus Replacement	2027	Revenue Vehicles	CU - Cutaway Bus	\$580,000.00	High	
Lift Truck Replacement	2027	Equipment	Equipment	\$30,000.00	Medium	
Transit Center Signs	2027	Facilities	Maintenance	\$20,000.00	Low	10/10/2022 3:49:02 PM
Admin/Mntc facility Signs	2027	Facilities	Maintenance	\$20,000.00	Low	10/10/2022 3:48:30 PM
Transit Center Exterior Benches & Interior Seating	2027	Facilities	Maintenance	\$25,000.00	Low	10/10/2022 3:46:56 PM
Admin/Mntc facility Flooring Replacement	2026	Facilities	Maintenance	\$15,000.00	Medium	10/10/2022 3:45:38 PM
Replace Service Truck	2026	Equipment	Non Revenue/Service Automobile	\$52,000.00	Medium	10/10/2022 3:44:40 PM
Transit Center Flooring Replacement	2026	Facilities	Maintenance	\$10,000.00	Medium	10/10/2022 3:43:50 PM
Transit Center	2026	Facilities	Maintenance	\$40,000.00	High	

Interior & Exterior Painting						
Fuel Pumps & Island	2025	Facilities	Maintenance	\$75,000.00	High	
Roof Replacement @ Admin/Mntc	2025	Facilities	Maintenance	\$75,000.00	High	
LED Lighting - parking lot & office area @ Admin	2025	Facilities	Maintenance	\$75,000.00	High	
LED Lighting - parking lot and interior @ Transit Center	2025	Facilities	Maintenance	\$15,000.00	High	
Cutaway Bus Replacement (221-224)	2025	Revenue Vehicles	CU - Cutaway Bus	\$600,000.00	High	10/10/2022 3:37:58 PM
Bus Replacement (20, 22, 23)	2024	Revenue Vehicles	BU - Bus	\$1,500,000.00	High	10/10/2022 3:36:33 PM
Cutaway Bus Replacement (206, 217, 218, 220)	2024	Revenue Vehicles	CU - Cutaway Bus	\$600,000.00	High	10/10/2022 3:36:10 PM
Vehicle Lift Repair	2024	Equipment	Equipment	\$15,000.00	Medium	10/10/2022 3:34:53 PM
Repair and Update Bus Garage Restroom Facilities	2024	Facilities	Maintenance	\$25,000.00	Low	10/10/2022 3:33:59 PM
Repair and Update Transit Center Restroom Facilities & Repair external support beams	2024	Facilities	Maintenance	\$25,000.00	Medium	
Window Replacement Admin/Garage	2023	Facilities	Maintenance	\$32,000.00	High	
HVAC Renovation Admin/Garage & Transit Center	2023	Facilities	Maintenance	\$400,000.00	High	
Parking Area Repair	2023	Facilities	Maintenance	\$70,000.00	High	
Bus Admin/ Garage Painting	2023	Facilities	Maintenance	\$15,000.00	High	
Bus 204, 205,219 Replacement	2022	Revenue Vehicles	CU - Cutaway Bus	\$375,000.00	High	
Radio Equipment	2022	Equipment	Equipment	\$30,000.00	High	

Signature

I, **Jean Taddie** , hereby certify on **11/04/2022** that the information provided in this TAM Plan is accurate, correct and complete.