



**CLARKSVILLE URBANIZED AREA
METROPOLITAN PLANNING ORGANIZATION**

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CLARKSVILLE, TN 37040
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Jill Hall
Transportation Planner
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September 2, 2021

Ms. Jennifer Marshall, Senior Planner
TDOT, Long Range Planning Division
J. K. Polk Bldg., 9th Floor
505 Deaderick Street
Nashville, TN 37243

RE: Clarksville Urbanized Area MPO FY2020-FY2023 TIP Administrative Modification #20

Dear Ms. Marshall:

The Clarksville Urbanized Area is submitting FY2020-FY2023 TIP Administrative Modification #20 for approval. The administrative modification is consistent with the requirements of the FAST ACT for the Clarksville Transit System TAM Plan required by FTA.

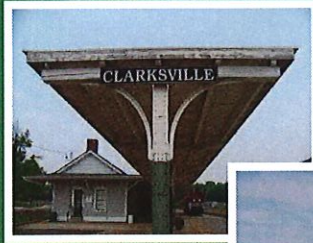
It is therefore, the request by the Clarksville Urbanized Area MPO that the FY2020-FY2023 TIP administrative modification #20 is submitted for approval and made part of the FY2020-FY2023 TIP. Please find attached the FY2020-FY2023 TIP page iii, 16 and 133 showing it in the table of content, to the text and to Appendix F.

Should you have any questions, please contact me.

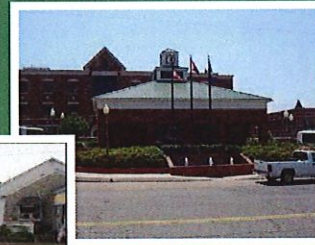
Sincerely,

A handwritten signature in black ink that reads "Jill Hall".

Jill Hall, Transportation Planner
Clarksville MPO



**Clarksville Urbanized Area
Metropolitan Planning
Organization
Final FY2020-FY2023
Transportation Improvement
Program**



Prepared by: Clarksville Urbanized Area MPO
329 Main Street
Clarksville, TN 37040
<http://www.cuampo.com/>

This report has been prepared in cooperation with or with financial assistance from all or several of the following public entities: Federal Transit Administration; Federal Highway Administration; Kentucky Transportation Cabinet; Oak Grove, Kentucky; Christian County, Kentucky; City of Clarksville, Tennessee; Tennessee Department of Transportation; Montgomery County, Tennessee.

This financial assistance notwithstanding, the contents of this report do not reflect the official views or policies of the funding agencies. Accuracy of the information presented herein is the responsibility of the Clarksville MPO, based upon project information submitted by sponsoring agencies.

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FY2020-FY2023 Transportation Improvement Program

expected delay threshold. The MPO chose to support TDOT's and KYTC System Performance (PM3) targets. The PM3 targets are listed in Figure 4 below:

Figure 4. PM3 System Performance Measures Targets:

Measure:	TDOT Baseline	TDOT 2 year Target	TDOT 4 year Target	KYTC Baseline	KYTC 2 year Target	KYTC 4 year Target
Interstate Travel Time Reliability	87.7%	85.3%	83.0%	95.6%	93.0%	93.0%
Non-Interstate NHS Travel Time Reliability	N/A	N/A	87.5%	N/A	N/A	82.50%
Truck Travel Time Reliability Index	1.35%	1.35%	1.33%	1.24%	1.25%	1.30%
Peak Hours Excessive Delay (PHED) Per Capita	N/A	N/A	18.81%	N/A	N/A	12.0%
% Non-SOV Travel	16.6%	16.5%	16.5%	17.6%	17.4%	17.4%
Total Emissions Reduction	VOC=230.025 CO=530.282 NOx=363.399 PM2.5=2.897	VOC=30.698 CO=75.000 NOx=62.840 PM2.5=0.120	VOC=61.396 CO=150.000 NOx=125.680 PM2.5=0.240	VOC=4.93 NOx=33.4	VOC= 100 NOx= 200	VOC= 48.0 NOx= 36.0

On October 18, 2018, the Executive Board of the Clarksville MPO voted unanimously to support the PM2 Pavement and Bridge performance targets, and PM3 System Performance measure targets established by the Tennessee Department of Transportation and the Kentucky Transportation Cabinet for each state's respected portion of the metropolitan planning area. This action fulfilled the aforementioned requirements related to PM2 and PM3 performance measure target setting established under MAP-21 and the FAST Act. These targets are found in Figure 3 and Figure 4 above.

By agreeing to support each state's PM2 and PM3 targets, the Clarksville MPO agrees to:

- Plan and program projects so that they contribute towards the accomplishment of each State's PM2 and PM3 targets.
- Work with each State to address areas of concern on the infrastructure/roadway system within the metropolitan planning area.
- Coordinate with the State and include the PM2 and PM3 targets in the MTP.
- Integrate into the metropolitan transportation planning process, the goals, objectives, performance measures and targets PM2 and PM3.
- Include a description in the TIP of the anticipated effect of the TIP toward achieving PM2 and PM3 targets in the MTP, linking investment priorities in the TIP to those PM2 and PM3 targets (Shown in Section 4 for all performance measures).

- **Transit Asset Management – (CTS 2021 TAM Plan in Appendix F)**

Public transportation provides thousands of people in the Clarksville MPO's planning area with daily access to life-essential resources and opportunities. It is critical to have well maintained, reliable transit assets to help ensure safe, dependable, and accessible transit services. Transit asset management (TAM) is a business model that prioritizes funding based on the condition of transit assets to achieve or maintain transit networks in a state of good repair. TAM supports a series of practices to achieve a transit state of good repair including, but not limited to:

- Regular maintenance

Appendix F: CTS 2021 TAM Plan

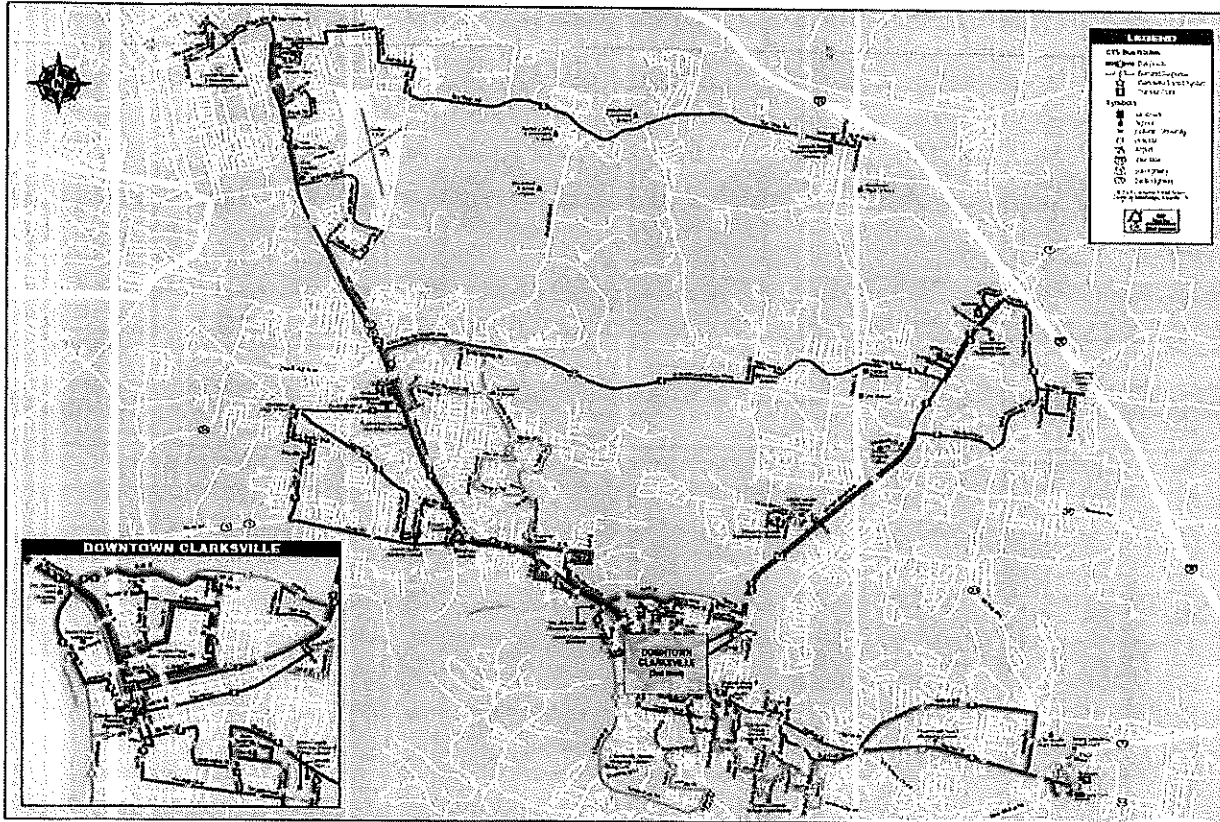


**THE CLARKSVILLE TRANSIT SYSTEM S
TRANSIT ASSET MANAGEMENT PLAN**

	8-31-2021
	<i>[Signature]</i>

CLARKSVILLE TRANSIT SYSTEM

TRANSIT ASSET MANAGEMENT PLAN



The Clarksville Transit System is the sole provider of public transportation for the Clarksville urbanized area which includes the city of Clarksville, TN, the city of Oak Grove, KY, and the Ft Campbell military installation. CTS's service area is approximately 109 square miles with a population of more 140,000 people. Our service area is comprised of three major business districts and trip generators. Downtown Clarksville is home to many human service organizations and almost all government buildings and services. Approximately seven miles to the north is the Ft Campbell military installation and the north Clarksville business district. Between six and eight miles to the east is the Saint Bethlehem business district. St. B, as it is known locally, is home Clarksville's only mall and the majority of retail and dining establishments.

The mission of the Clarksville Transit System is to plan, implement, maintain and manage a public transportation This Transit Asset Management Plan reflects a staff wide approach to bring together all processes influencing prioritization of available funding to maintain our transit assets in a state of good repair and expand service in support of the Department of Transportation's national goals. This plan considers existing assets, their evaluated condition throughout service life, asset lifecycle investments, and eventual replacements. Additionally, this plan considers addition of assets to enhance transit system productivity, improved environmental responsibility, improved passenger experience, and expanded ridership in support of the national goals.

U.S. DOT Transportation Performance Management National Goals

Safety - To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.

ASSET INVENTORY

Asset Class	Asset ID	Asset Price (\$)	Description	Manufacturer / Make	Model / Serial #	Model Year	Use	FDA Acquisition Date	Acquisition Date	In-Service Date	Perch. Price	Original State Percentage	State State Percentage	Local State Percentage	Check Number	Depreciation Method	Depreciation Period
AS-001	AS-001	100	Computer Monitor	HP	100000	2000	Asset	01/01/00	01/01/00	01/01/00	100.00	100.00	100.00	100.00	100.00	Depreciation	5
AS-002	AS-002	200	Printer	Canon	20000	2000	Asset	01/01/00	01/01/00	01/01/00	200.00	100.00	100.00	100.00	100.00	Depreciation	5
AS-003	AS-003	500	Server	Dell	50000	2000	Asset	01/01/00	01/01/00	01/01/00	500.00	100.00	100.00	100.00	100.00	Depreciation	5

ASSET INVENTORY

Asset Class	Asset I.D.	Agency Tag ID	Asset Description	Manufacturer	Model / Serial or VIN	Model Year	Use	Acquisition Date	In-Service Date	Purch Price	Federal Share Percentage	State Share Percentage	Local Share Percentage	Check Number	Depreciation Method	Depreciation Periods
AD Automobile	TR00001	108	Blonde - Grand Caravan	Chrysler	1FTRF7E71A0071	2008	Support Vehicle	4/23/2008	4/23/2008	\$20,871.00	0%	10%	10%		Monthly Straight Line	48
Other rubber tired vehicle	TR00002	109	Cherry Pickup	Chrysler	3C7UR122000000000	2008	Support Vehicle	5/1/2008	4/23/2008	\$20,871.00	0%	10%	10%		Monthly Straight Line	48
Other rubber tired vehicle	TR00003	110	Disposal - Escape	Ford	1FMRP7E31A0002	2007	Support Vehicle	6/14/2007	6/14/2007	\$22,000.00	0%	10%	10%		Monthly Straight Line	48
Other rubber tired vehicle	TR00004	111	F150 4x4	Ford	1FTRF7E71A0002	2008	Support Vehicle	4/8/2008	4/8/2008	\$21,077.50	0%	10%	10%		Monthly Straight Line	48
Other rubber tired vehicle	TR00005	112	ES2000	Ford	1FTRF7E71A0002	2008	Support Vehicle	4/8/2008	4/8/2008	\$21,077.50	0%	10%	10%		Monthly Straight Line	48
Other rubber tired vehicle	TR00006	113	Disposal - Dakota 4x4 pickup	Dodge	1FTRF7E71A0002	2008	Support Vehicle	1/1/2008	1/1/2008	\$20,265.36	0%	10%	10%		Monthly Straight Line	48
Other rubber tired vehicle	TR00007	114	Disposal - Grand Caravan	Dodge	1FTRF7E71A0002	2008	Support Vehicle	6/6/2007	6/6/2007	\$20,000.00	0%	10%	10%		Monthly Straight Line	48
Other rubber tired vehicle	TR00008	115	Disposal - Grand Caravan	Dodge	1FTRF7E71A0002	2008	Support Vehicle	10/20/2012	10/20/2012	\$20,000.00	0%	10%	10%		Monthly Straight Line	48
Other rubber tired vehicle	TR00009	116	Synovo 1500HD	Overhead	1FTRF7E71A0002	2015	Support Vehicle	6/13/2015	7/13/2015	\$48,000.00	0%	10%	10%		Monthly Straight Line	48
AD Automobile	TR00010	117	Grand Caravan	Dodge	1FTRF7E71A0002	2015	Support Vehicle	6/6/2015	6/6/2015	\$31,800.00	0%	10%	10%	243	Monthly Straight Line	48
AD Automobile	TR00011	118	Escape	Ford	1FTRF7E71A0002	2015	Support Vehicle	6/13/2015	6/13/2015	\$29,000.00	0%	10%	10%	243	Monthly Straight Line	48
Other rubber tired vehicle	TR00012	119	Escape	Ford	1FTRF7E71A0002	2017	Support Vehicle	5/22/2018	5/22/2018	\$29,000.00	0%	10%	10%	243	Monthly Straight Line	48
Other rubber tired vehicle	TR00013	120	2000 Van	Ford	1FTRF7E71A0002	2017	Support Vehicle	5/22/2018	5/22/2018	\$30,000.00	0%	10%	10%	243	Monthly Straight Line	48
Other rubber tired vehicle	TR00014	121	Grand Caravan	Dodge	1FTRF7E71A0002	2017	Support Vehicle	7/27/2017	7/27/2017	\$30,000.00	0%	10%	10%	243	Monthly Straight Line	48
Other rubber tired vehicle	TR00015	122	Escalade	Ford	1FTRF7E71A0002	2017	Support Vehicle	6/9/2017	6/9/2017	\$32,481.45	0%	10%	10%	243	Monthly Straight Line	48
Other rubber tired vehicle	TR00016	123	F150 4x4	Ford	1FTRF7E71A0002	2018	Support Vehicle	1/17/2017	1/17/2017	\$21,067.18	0%	10%	10%	243	Monthly Straight Line	48
AD Automobile	TR00017	124	Trinity Covered	Ford	1FTRF7E71A0002	2018	Support Vehicle	2/7/2018	2/7/2018	\$21,067.18	0%	10%	10%	243	Monthly Straight Line	48
Other rubber tired vehicle	TR00018	125	F150 4x4	Ford	1FTRF7E71A0002	2018	Support Vehicle	2/7/2018	2/7/2018	\$21,067.18	0%	10%	10%	243	Monthly Straight Line	48
Other rubber tired vehicle	TR00019	126	Employee	Ford	1FTRF7E71A0002	2018	Support Vehicle	2/7/2018	2/7/2018	\$21,067.18	0%	10%	10%	243	Monthly Straight Line	48
AD Automobile	TR00020	127	F150 4x4	Ford	1FTRF7E71A0002	2018	Support Vehicle	2/7/2018	2/7/2018	\$21,067.18	0%	10%	10%	243	Monthly Straight Line	48
Other rubber tired vehicle	TR00021	128	Grand Caravan	Dodge	1FTRF7E71A0002	2018	Support Vehicle	1/25/2019	1/25/2019	\$24,878.25	0%	10%	10%	462	Monthly Straight Line	48
Other rubber tired vehicle	TR00022	129	Grand Caravan	Dodge	1FTRF7E71A0002	2019	Support Vehicle	1/25/2019	1/25/2019	\$24,878.25	0%	10%	10%	462	Monthly Straight Line	48
Other rubber tired vehicle	TR00023	130	Grand Caravan	Dodge	1FTRF7E71A0002	2019	Support Vehicle	1/25/2019	1/25/2019	\$24,878.25	0%	10%	10%	462	Monthly Straight Line	48
Other rubber tired vehicle	TR00024	131	Grand Caravan	Dodge	1FTRF7E71A0002	2019	Support Vehicle	1/25/2019	1/25/2019	\$24,878.25	0%	10%	10%	462	Monthly Straight Line	48
Other rubber tired vehicle	TR00025	132	Grand Caravan	Dodge	1FTRF7E71A0002	2019	Support Vehicle	1/25/2019	1/25/2019	\$24,878.25	0%	10%	10%	462	Monthly Straight Line	48

Facilities

Section I - Property Record

Asset ID	Asset Name	Location / Address	Date of Last Condition	Condition	Dead Holder	Insurance Provider	Comptroller's Office	Use	Operating Status	Condition	Construction Start Date	Construction End Date	Acquisition / Rebuilding Date (Yr)	Services Life (Yr)	Acquisition Price	Current Value	Percent Value
001001	Blkg B	100 West University Avenue, Suite 300, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Blkg B (Village of)	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001002	Blkg A	100 West University Avenue, Suite 300, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Blkg A (Village of)	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001003	Blkg C	100 West University Avenue, Suite 300, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Blkg C (Village of)	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001004	TRN CTR	200 Legion St, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	TRN CTR	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001005	Van Fleet	400 South State Street, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Van Fleet	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%

Section II - Condition Assessment

Asset ID	Asset Name	Location / Address	Date of Last Condition	Condition	Dead Holder	Insurance Provider	Comptroller's Office	Use	Operating Status	Condition	Construction Start Date	Construction End Date	Acquisition / Rebuilding Date (Yr)	Services Life (Yr)	Acquisition Price	Current Value	Percent Value
001001	Blkg B	100 West University Avenue, Suite 300, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Blkg B (Village of)	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001002	Blkg A	100 West University Avenue, Suite 300, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Blkg A (Village of)	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001003	Blkg C	100 West University Avenue, Suite 300, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Blkg C (Village of)	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001004	TRN CTR	200 Legion St, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	TRN CTR	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001005	Van Fleet	400 South State Street, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Van Fleet	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%

Asset ID	Asset Name	Location / Address	Date of Last Condition	Condition	Dead Holder	Insurance Provider	Comptroller's Office	Use	Operating Status	Condition	Construction Start Date	Construction End Date	Acquisition / Rebuilding Date (Yr)	Services Life (Yr)	Acquisition Price	Current Value	Percent Value
001001	Blkg B	100 West University Avenue, Suite 300, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Blkg B (Village of)	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001002	Blkg A	100 West University Avenue, Suite 300, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Blkg A (Village of)	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001003	Blkg C	100 West University Avenue, Suite 300, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Blkg C (Village of)	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001004	TRN CTR	200 Legion St, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	TRN CTR	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%
001005	Van Fleet	400 South State Street, Columbus, GA 31906	June 21	Good	City of Columbus	Asset Insurance Services	Construction LLC	Van Fleet	Active	Excellent	06/2004	06/2004	06/2004	20	\$1,125,000	\$1,125,000	100%

ASSET INVENTORY

Asset ID	Asset Description	Category	Location	Condition	Value	Notes
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Asset Type: Passenger & Parking Facilities

Asset ID	Asset Name	Priority Level	Asset Type	Asset Location	Asset Description	Asset Status	Asset Value	Asset Age	Asset Condition	Asset Notes
PA-001	Terminal Building	4	Passenger Facility	San Francisco International Airport	Main Terminal Building	Operational	150,000,000	15	Good	Major renovation project completed in 2018.
PA-002	Concessions Stand	4	Passenger Facility	San Francisco International Airport	Terminal Concessions Stand	Operational	10,000,000	10	Good	Regular maintenance performed.
PA-003	Security Screening	4	Passenger Facility	San Francisco International Airport	Security Screening Station	Operational	20,000,000	12	Good	Equipment replaced in 2019.
PA-004	Baggage Claim	4	Passenger Facility	San Francisco International Airport	Baggage Claim Carousels	Operational	15,000,000	10	Good	Minor repairs scheduled for 2023.
PA-005	Passenger Waiting Area	4	Passenger Facility	San Francisco International Airport	Passenger Waiting Area	Operational	5,000,000	8	Good	Seating replaced in 2020.
PA-006	Restroom	4	Passenger Facility	San Francisco International Airport	Restroom	Operational	2,000,000	5	Good	Regular cleaning and maintenance.
PA-007	Information Kiosk	4	Passenger Facility	San Francisco International Airport	Information Kiosk	Operational	1,000,000	3	Good	Software updated in 2022.
PA-008	Security Camera	4	Passenger Facility	San Francisco International Airport	Security Camera	Operational	500,000	2	Good	Camera replaced in 2021.
PA-009	Lighting System	4	Passenger Facility	San Francisco International Airport	Lighting System	Operational	3,000,000	10	Good	LED lighting upgrade in progress.
PA-010	Signage	4	Passenger Facility	San Francisco International Airport	Signage	Operational	1,500,000	8	Good	Signage replaced in 2020.
PA-011	Escalator	4	Passenger Facility	San Francisco International Airport	Escalator	Operational	8,000,000	12	Good	Major overhaul in 2019.
PA-012	Elevator	4	Passenger Facility	San Francisco International Airport	Elevator	Operational	6,000,000	10	Good	Regular maintenance performed.
PA-013	Structural Steel	4	Passenger Facility	San Francisco International Airport	Structural Steel	Operational	100,000,000	20	Good	Structural inspection in 2021.
PA-014	Roofing	4	Passenger Facility	San Francisco International Airport	Roofing	Operational	50,000,000	15	Good	Roofing replaced in 2018.
PA-015	Interior Finishes	4	Passenger Facility	San Francisco International Airport	Interior Finishes	Operational	30,000,000	10	Good	Interior finishes replaced in 2020.
PA-016	Exterior Finishes	4	Passenger Facility	San Francisco International Airport	Exterior Finishes	Operational	20,000,000	10	Good	Exterior finishes replaced in 2019.
PA-017	HVAC System	4	Passenger Facility	San Francisco International Airport	HVAC System	Operational	15,000,000	10	Good	Regular maintenance performed.
PA-018	Electrical System	4	Passenger Facility	San Francisco International Airport	Electrical System	Operational	10,000,000	10	Good	Electrical system upgraded in 2021.
PA-019	Plumbing System	4	Passenger Facility	San Francisco International Airport	Plumbing System	Operational	5,000,000	10	Good	Plumbing system upgraded in 2020.
PA-020	Fire Alarm System	4	Passenger Facility	San Francisco International Airport	Fire Alarm System	Operational	2,000,000	5	Good	Fire alarm system upgraded in 2021.
PA-021	Security System	4	Passenger Facility	San Francisco International Airport	Security System	Operational	3,000,000	5	Good	Security system upgraded in 2020.
PA-022	IT System	4	Passenger Facility	San Francisco International Airport	IT System	Operational	1,000,000	3	Good	IT system upgraded in 2022.
PA-023	Accessibility Features	4	Passenger Facility	San Francisco International Airport	Accessibility Features	Operational	2,000,000	5	Good	Accessibility features upgraded in 2021.
PA-024	Landscaping	4	Passenger Facility	San Francisco International Airport	Landscaping	Operational	1,000,000	5	Good	Landscaping work completed in 2020.
PA-025	Art Installation	4	Passenger Facility	San Francisco International Airport	Art Installation	Operational	500,000	3	Good	Art installation completed in 2021.
PA-026	Public Art	4	Passenger Facility	San Francisco International Airport	Public Art	Operational	1,000,000	3	Good	Public art installation completed in 2020.
PA-027	Historic Landmark	4	Passenger Facility	San Francisco International Airport	Historic Landmark	Operational	10,000,000	50	Good	Historic landmark restoration project in progress.
PA-028	Monument	4	Passenger Facility	San Francisco International Airport	Monument	Operational	5,000,000	50	Good	Monument restoration project in progress.
PA-029	Statue	4	Passenger Facility	San Francisco International Airport	Statue	Operational	2,000,000	50	Good	Statue restoration project in progress.
PA-030	Historic Building	4	Passenger Facility	San Francisco International Airport	Historic Building	Operational	10,000,000	50	Good	Historic building restoration project in progress.

PRIORITIZED INVESTMENTS

Prioritized Projects for Procurement

Funding Code	Asset ID	Asset Tag #	Investment Project Description	Justification	Priority	ICE	Contract Price	Project Acquisition Fiscal Year	Grant ID	Remarks
DRD0005	DRD0005	533	Ford E150 Conv. Van	Vehicle has met useful life	High	\$50,000.00	\$50,171.00	FY-2022	2020-046/TN-2018-0	Purchase Order has been issued
DRD0006	DRD0006	534	Ford E150 StarTran Cutaway	Vehicle has met useful life	High	\$50,000.00	\$50,171.00	FY-2022	2020-046/TN-2018-0	Purchase Order has been issued
DRD0010	DRD0010	538	Ford T150 Van	Vehicle has met useful life	High	\$50,000.00	\$50,171.00	FY-2022	2020-046/TN-2018-0	Purchase Order has been issued
DRD0012	DRD0012	540	Ford T150 Van	Vehicle has met useful life	High	\$50,000.00	\$50,171.00	FY-2022	2020-046/TN-2018-0	Purchase Order has been issued
DRD0013	DRD0013	541	Ford T150 Van	Vehicle has met useful life	High	\$50,000.00	\$50,171.00	FY-2022	2020-046/TN-2018-0	Purchase Order has been issued
DRD0014	DRD0014	542	Ford T150 Van	Vehicle has met useful life	High	\$50,000.00	\$50,171.00	FY-2022	2020-046/TN-2018-0	Purchase Order has been issued
NTY200	N/A	N/A	CTS Transit Software Year 2	Annual Cost	High	\$70,960.00	\$85,200.00	FY-2022	TN-2016-030	
RYBL0025	RYBL0025	731	Callig 30 ft. Bus	Vehicle is close to useful life	Medium	\$500,000.00	\$493,739.24	FY-2023	2018-013/1121-2019	Purchase Order has been issued
RYBL0027	RYBL0027	732	Callig 30 ft. Bus	Vehicle is close to useful life	Medium	\$500,000.00	\$493,739.24	FY-2023	2018-013/1121-2019	Purchase Order has been issued
NSV0001	N/A	N/A	New Supervisor Van	New positions added need additional vehicle	High	\$35,000.00	\$33,800.00	FY-2022	TN-2016-030	Purchase Order has been issued

DECISION SUPPORT TOOLS

MANAGEMENT APPROACH	
<p>Management's approach to transit asset management and investment prioritization is characterized by mitigating safety risks, ensuring accessibility, providing a pleasant/productive work environment, and increasing ridership through improvements in riders' experience and providing a reliable/timely service. This approach drives investment decisions through the entire lifecycle of assets - from identification of need, procurement, maintaining assets, to eventual disposal/disposition. Safety strategies focus on reducing risk for both passengers and transit system employees. Accessibility considerations occur in all asset procurement and maintenance decisions. Taking care of our employees, our greatest asset, consistently influences procurement decisions. Finally, improving and enhancing passengers' experience remains at the forefront of investment decisions as our passengers are exposed to every aspect of the transit system's assets during their journey - from bus stop to rolling stock to transit center condition and available amenities.</p>	
DECISION SUPPORT TOOLS	
<p>The table below describes analytical processes and tools used to support investment decision-making. These processes and tools are composed of written procedures, plans, reports, best practices, spreadsheets and software programs that enable management to apply data analysis to asset lifecycle decision making.</p>	
Processes and Tools	Description
Fleet Maintenance Plan	The Fleet Maintenance Plan establishes the maintenance department's guidelines, goals and objectives in maintaining rolling stock throughout the lifecycle process. It establishes preventative maintenance standards, warranty management requirements, maintenance campaigns, preventative maintenance guidelines, maintenance standards for accessibility components, parts inventory controls, and quality assurance.
Facility and Equipment Maintenance Plan	The Facilities and Equipment Maintenance Plan establishes the maintenance department's guidelines, goals and objectives in maintaining facilities, shop equipment, and amenities.
Fleet PM Inspection Report	A monthly report detailing compliance with rolling stock preventative maintenance requirements
Amenities Quality Assurance Inspections	The Quality Assurance Program establishes condition standards, inspection procedures and condition reporting of fixed route passenger amenities. This report drives maintenance employee work tasks and purchasing requirements needed to maintain fixed route passenger amenities to published standards.
Monthly Facility Inspection Checklist	A checklist used by the Facilities Staff to identify facility condition deficiencies. This checklist is used to identify areas of need.
Shop Equipment Inspection Tags	Visible indication that equipment has been inspected and is in proper working order.
Shop OSHA Compliance Inspections	Periodic, consultant or City Risk Management staff performed inspections resulting in a report identifying required corrective actions and needed investments for OSHA safety program compliance.
5-Year Transit System Strategic Plan	A five-year transit system plan. This plan focuses on the full-spectrum of investment needs to effectively support improved and/or expanded transit service to achieve increased ridership.
Clarksville Transit System Procurement Policies and Procedures	This document provides policies and procedures for all aspects of procurements and how to keep them compliant with federal requirements, state law, and local procurement code.
RTA Maintenance Software	RTA is the Maintenance Department's maintenance management software. This system enables the maintenance department to track, schedule, and record all vehicle and equipment maintenance activities throughout each asset's life cycle. The system also contains a robust parts inventory module that assists in maintaining accountability of each line item, determine reordering requirements, and provide detailed parts usage and ordering histories.
MUNIS ERP Software	MUNIS is CTS' accounting, payroll, and asset management software system. Some details of an asset's procurement, life, and disposition are contained here.

DECISION SUPPORT TOOLS

Leadership Meetings	Periodic meetings held by executive level staff from which recommendations to the CEO are made for decisions on funding allocations for major projects and other projects requiring leadership team involvement.
PTASP Plan	The Public Transportation Agency Safety Plan (PTASP) is required by operators of public transportation systems to receive federal funds under the FTA's urbanized area formula grants. The purpose of the plan is to establish safety management systems (SMS) that lead to a safer environment for the transportation agency's works, and the clients that utilize the service.
Storm Water Plan	The purpose of this plan is to ensure that pollution levels are low for transit agencies. The plan emphasizes the use of spill kits for chemical spills, fallout areas for rain fall, catch basins under oil drums, the correct method of storing chemicals, and other safety precautions that need to be implemented to avoid pollution.

NTD Condition Assessment & Performance Targets						
Date of Last Day in NTD Reporting Year (MM/DD/YYYY):					6/30/2021	
Rolling Stock State of Good Repair						
NTD REPORTING YEAR FY-2021				PERFORMANCE TARGET YEAR FY-2022		
Asset Class	Number of Assets in State of Good Repair (Current Year)	Number of Assets in SGR Backlog	Current State of Good Repair Backlog (% in Backlog)	Number of Assets in State of Good Repair (Target Year)	Number of Assets in SGR Backlog (Target Year)	Performance Target (% in Backlog)
BU Bus	18	0	0.00%	18	0	0.00%
CU Cutaway	7	0	0.00%	7	0	0.00%
MV Minivan	0	0	0.00%	0	0	0.00%
RT Rubber-tired vintage trolley	0	0	0.00%	0	0	0.00%
VN Van	9	0	0.00%	9	0	0.00%
Equipment State of Good Repair (Support Vehicles Only)						
NTD REPORTING YEAR FY-2021				PERFORMANCE TARGET YEAR FY-2022		
Asset Class	Number of Assets in State of Good Repair	Number of Assets in State of Good Repair Backlog	Current State of Good Repair Backlog (% in Backlog)	Number of Assets in State of Good Repair (Target Year)	Number of Assets in SGR Backlog (Target Year)	Performance Target (% in Backlog)
AD Automobile	4	0	0.00%	4	0	0.00%
Other rubber-tired vehicle	11	4	29.87%	12	4	25.00%
Facilities State of Good Repair						
Facility Type	Asset Description	Current FY Facility Asset (Term Status)	CURRENT % + TERM 1	Next FY Performance Target (TERM Rating)	TARGET % + TERM 1	
Administrative Facility	Bliss A	3	0.00%	4		
Maintenance Facility	Bliss B	4		4		
Administrative Facility	Bliss C	4		4		
Maintenance Facility	Vehicle Shops	4		4		
Passenger Facility	Transit Center	4		4		
Future Years Projection - Rolling Stock						
Asset Class	FY-2022			FY-2024		
	SGR	Backlog	% Backlog	SGR	Backlog	% Backlog
AD Automobile	1	0	0.00%	1	0	0.00%
BU Bus	18	0	0.00%	18	0	0.00%
CU Cutaway	7	0	0.00%	7	0	0.00%
MV Minivan	0	0	0.00%	0	0	0.00%
RT Rubber-tired vintage trolley	0	0	0.00%	0	0	0.00%
VN Van	10	1	9.09%	10	1	9.09%
Future Years Projection - Equipment						
Asset Class	FY-2022			FY-2024		
	SGR	Backlog	% Backlog	SGR	Backlog	% Backlog
AD Automobile	4	0	0.00%	4	0	0.00%
Other rubber-tired vehicle	14	2	14.29%	13	3	19.23%

NTD Narrative Report

Rolling Stock

CTS saw improvement in rolling stock for VN Van from FY19, but no changes in BU Bus. There is no improvement anticipated in FY21 for BU Bus as there are not any vehicles ordered at the moment. There is a plan in place to order new vans that will be due to arrive later in FY21 or early FY22.

Equipment

There was a change in the FY20 SGR Backlog, from having (1) automobile in 2019 to (0) automobiles in 2020. Other rubber-tired vehicles for FY20 remained consistent with FY19 with 5 vehicles in SGR backlog. There are not any plans in place currently to replace any of the vehicles in this backlog.

Facilities

Currently all buildings involved with CTS have a term rating of 4 except for building A that is the administrative/maintenance facility. This facility will be undergoing improvements in FY21 & FY22 that should improve the term score. These planned improvements include updated flooring, updated paint, and new pavement around the building and in the parking lots.

Other

Condition Assessment Detail and Life-Cycle Requirements

Maintenance Status			Projected Life-Cycle Investments				
Asset Description	TERM Condition	TERM Quantities	Asset Category	Fiscal Year	Projected Costs	Amount Requested	Amount Funded
Bus Fleet Condition	Excellent (TERM-4)	0	Rolling Stock	FY-2025	\$700,000.00		
	Good (TERM-3)	0					
	Adverse (TERM-2)	13					
	Marginal (TERM-1)	0					
	Poor (TERM-0)	0					
	TERM Score Average	3.81					
Cutaway Fleet Condition	Excellent (TERM-4)	0	Equipment	FY-2025	\$700,000.00		
	Good (TERM-3)	3					
	Adverse (TERM-2)	1					
	Marginal (TERM-1)	1					
	Poor (TERM-0)	0					
	TERM Score Average	3.20					
Van Fleet Condition	Excellent (TERM-4)	4	Buses & Maintenance	FY-2025	\$1,000,000.00		
	Good (TERM-3)	0					
	Adverse (TERM-2)	5					
	Marginal (TERM-1)	1					
	Poor (TERM-0)	0					
	TERM Score Average	3.10					
Mini-Van Fleet Condition	Excellent (TERM-4)	0	Buses & Maintenance	FY-2025	\$1,000,000.00		
	Good (TERM-3)	0					
	Adverse (TERM-2)	0					
	Marginal (TERM-1)	0					
	Poor (TERM-0)	0					
	TERM Score Average	N/A					
Support Vehicle Condition	Excellent (TERM-4)	7	Passenger & Parking	FY-2025	\$1,000,000.00		
	Good (TERM-3)	5					
	Adverse (TERM-2)	3					
	Marginal (TERM-1)	3					
	Poor (TERM-0)	1					
	TERM Score Average	3.24					
Other Equipment Condition	Excellent (TERM-4)	4	Transit Center	FY-2025	\$1,000,000.00		
	Good (TERM-3)	2					
	Adverse (TERM-2)	1					
	Marginal (TERM-1)	2					
	Poor (TERM-0)	0					
	TERM Score Average	3.00					

Additional Remarks			

TRANSIT ASSET MANAGEMENT NARRATIVE REPORT

Agency Information

(insert agency name, NTD ID, contact information, POC, person preparing this narrative, reporting year, and the date the narrative was prepared)

Agency Name: Clarksville Transit System

NTD ID: 40092

Contact Information: 430 Boillin Lane, Clarksville, TN 37040, 931-553-2430

POC/Person Preparing: Scott Graves

Report Year: 2021

Date Narrative Prepared: 08/31/2021

Useful Life Benchmark – Revenue Vehicles

(insert brief, non-exhaustive statement on the agency's assets within this category)

What targets did your agency set?

CTS has set a performance target of 0.00% on all revenue vehicle categories for 2021.

How did your agency calculate these targets?

CTS used the FTA provided default useful life benchmark across all categories.

How has your agency made progress toward its targets?

CTS will be replacing 6 revenue vehicles in 2022, and has plans to acquire 4 more replacements by end of 2022 or early 2023.

What challenges face your agency in making progress toward the targets?

The biggest challenge CTS faces is maintaining capital fund availability to acquire replacement revenue vehicles, while also meeting all the needs of the day-to-day operations.

Useful Life Benchmark – Non-Revenue Vehicles

(insert brief, non-exhaustive statement on the agency's assets within this category)

What targets did your agency set?

CTS set a performance target of 0.00% for Automobile non-revenue vehicles and 25.00% on other rubber tired non-revenue vehicles.

How did your agency calculate these targets?

CTS used the FTA provided default useful life benchmark across all categories.

How has your agency made progress toward its targets?

CTS will be evaluating replacing vehicles in 2022. CTS has plans to acquire expansion other rubber tired van in 2022.

What challenges face your agency in making progress toward the targets?

The biggest challenge CTS faces is maintaining capital fund availability to acquire replacement Non-revenue vehicles, while also meeting all the needs of the day-to-day operations.

Facilities - Condition

(insert brief, non-exhaustive statement on the agency's assets within this category)

What targets did your agency set?

CTS has 0 facilities in a state of good repair backlog, and has set a 2021 goal of 0%.

How did your agency calculate these targets?

CTS used the FTA provided default useful life benchmark across all categories.

How has your agency made progress toward its targets?

CTS has goals set to renovate areas of the main administrative & maintenance facility during 2022 to keep the facility at or above a TERM rating of 3.

What challenges face your agency in making progress toward the targets?

The biggest challenge CTS faces is maintaining capital fund availability to implement the needed updates for the CTS facilities.