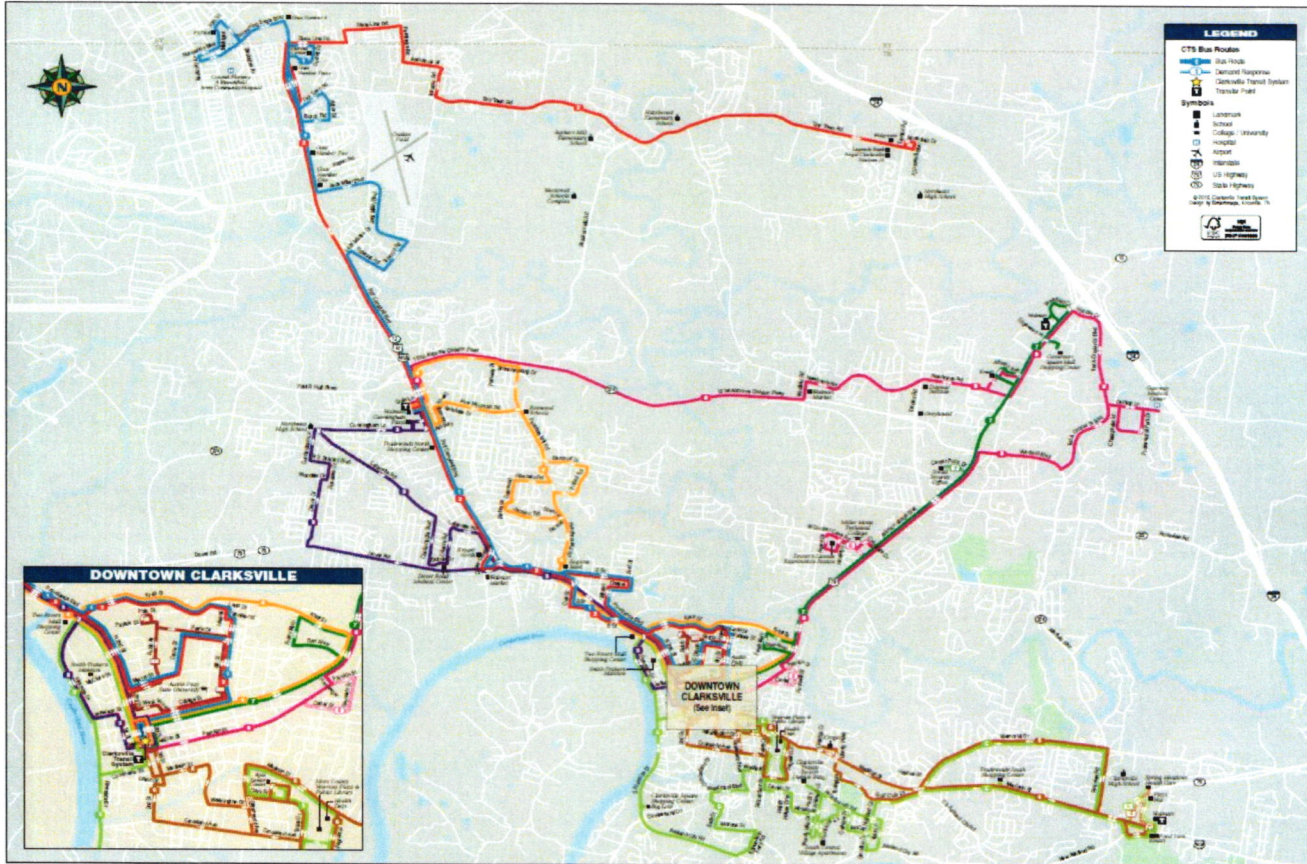


CLARKSVILLE TRANSIT SYSTEM

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 system that allows for maximum mobility for the community with emphasis on safety, quality and efficiency.

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.

ASSET INVENTORY

Asset Category: Rolling Stock						
Asset Class	Asset I.D.	Agency Tag I.D. (Veh #)	Asset Description / Type	Manufacturer / Make	Manuf. I.D. Serial or VIN#	Model Year
BU Bus		712	30 ft Diesel Bus	Gillig Phantom	15GCA201511110657	2001
BU Bus		713	30 ft Diesel Bus	Gillig Phantom	15GCA201711110658	2001
BU Bus		714	30 ft Diesel Bus	Gillig Phantom	15GCA201711110659	2001
BU Bus		715	30 ft Diesel Bus	Gillig Phantom	15GCA201411110856	2001
BU Bus		709	30 ft Diesel Bus	Gillig Phantom	15GCA201X31112102	2003
BU Bus		711	30 ft Diesel Bus	Gillig Phantom	15GCA201331112104	2003
BU Bus		716	30 ft Diesel Bus	Gillig Phantom	15GCA201611110957	2001
BU Bus		717	30 ft Diesel Bus	Gillig Phantom	15GCA201531112105	2003
BU Bus		718	30 ft Diesel Bus	Gillig Phantom	15GCA201251111946	2005
BU Bus		719	30 ft Diesel Bus	Gillig Phantom	15GCA201251111947	2005
BU Bus		720	30 ft Diesel Bus	Gillig Phantom	15GCA201251111948	2005
BU Bus		721	30 ft Diesel Bus	Gillig Phantom	15GCA201451111949	2005
BU Bus		722	30 ft Diesel Bus	Gillig Phantom	15GCA291761112419	2006
BU Bus		723	30 ft Diesel Bus	Gillig Phantom	15GCA291361112420	2006
BU Bus		724	30 ft Diesel Bus	Gillig Phantom	15GCA291561112421	2006
BU Bus		725	30 ft Low Floor Diesel Bus	Gillig Low Floor	15GGE2712A1091884	2010
BU Bus		726	30 ft Low Floor Diesel Bus	Gillig Low Floor	15GGE2712A1091885	2010
BU Bus		727	30 ft Low Floor Diesel Bus	Gillig Low Floor	15GGE2717A1092237	2010
BU Bus		728	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3019A1092238	2010
BU Bus		729	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3010A1092239	2010
BU Bus		730	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3017A1092240	2010
BU Bus		731	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3016F1093015	2015
BU Bus		732	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3018F1093016	2015
BU Bus		733	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE301XF1093017	2015
BU Bus		734	30 ft Low Floor Diesel Bus	Gillig Low Floor	15GGE301XF1093018	2015
BU Bus		735	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3016H1093163	2017
BU Bus		736	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3016H1093164	2017
BU Bus		737	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3016H1093165	2017
BU Bus		738	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE301X33093337	2018
BU Bus		739	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3011J3093338	2018
BU Bus		740	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3013J3093339	2018
BU Bus		741	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE301XJ3093340	2018
BU Bus		742	30 ft Low Floor Hybrid Bus	Gillig Low Floor	15GGE3011J3093341	2018
RT Rubber-tired vintage trolley		T2	Supreme Trolley	Specialty Vehicle Inc	4UZABOBUX5CV66062	2005
RT Rubber-tired vintage trolley		T3	Supreme Trolley	Specialty Vehicle Inc	4UZABOBUX5CV66063	2005
MV Minivan		531	Grand Caravan	Dodge	2C7WDGBGXDR780721	2013
MV Minivan		532	Grand Caravan	Dodge	2C7WDGBG2ER473156	2014
VN Van		533	E150 Conv Van	Ford	1FTNE1ELXEDA86529	2014
CU Cutaway		534	E450 StarTrans	Ford	1FDFE4FSXGDC03827	2015
CU Cutaway		535	E450 StarTrans	Ford	1FDFE4FS6GDC50482	2016
CU Cutaway		536	E450 StarTrans	Ford	1FDFE4FSXGDC50484	2016
CU Cutaway		537	E450 StarTrans	Ford	1FDFE4FS5GDC50487	2016
VN Van		538	T350 Van	Ford	1FDZX2CG0GKB22455	2016
VN Van		539	T350 Van	Ford	1FDZX2CG1GKB25185	2016
VN Van		540	T350 Van	Ford	1FDZX2CG3GKB25186	2016
VN Van		541	T350 Van	Ford	1FDZX2CG5GKB25187	2016
VN Van		542	T350 Van	Ford	1FDZX2CG7GKB25188	2016
VN Van		543	T350 Van	Ford	1FDZX2CG1GKB25189	2016
CU Cutaway		7129	Goshen Coach	Ford	1FDFE45S79DA92500	2009
CU Cutaway		7128	Goshen Coach	Ford	1FDFE45S49DA92499	2009
CU Cutaway		7130	Goshen Coach	Ford	1FDFE4FS8ADA05772	2009
VN Van		7124	E150 Conv Van	Ford	1FTNE14L89DA80008	2009
VN Van		7126	E150 Conv Van	Ford	1FTNE14L99DA82754	2009

[illegible]

[illegible]

ASSET INVENTORY

[illegible]

Asset Category:	Facilities
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Section I - Property Record

ASSET ID:	Description / Address	Date of Last Condition Inspection:	Deed Holder
BDBL0042	Bus Wash/Fueling Facility Boillin Lane Building B 430 Boillin Lane, Clarksville, TN 37040	June-18	City of Clarksville
BDBL0006	Building A & Land Boillin Lane 430 Boillin Lane, Clarksville, TN 37040	June-18	City of Clarksville
BDP10001, LDP10001	Building C & Land Paradise Hill Rd 1251 Paradise Hill Rd, Clarksville, TN 37040	June-18	City of Clarksville
BDTC0008	Transit Center 200 Legion St, Clarksville, TN 37040	June-18	City of Clarksville
BDBL0045	Vehicle Storage Sheds 430 Boillin Lane, Clarksville, TN 37040	June-18	City of Clarksville

CONDITION ASSESSMENT

NTD Condition Assessment & Performance Targets						
Date of Last Day in NTD Reporting Year (MM/DD/YYYY):					6/30/2018	
Rolling Stock State of Good Repair						
NTD REPORTING YEAR FY- 2018				PERFORMANCE TARGET YEAR FY- 2019		
Asset Class	Number of Assets in State of Good Repair (Current Year)	Number of Assets in SOG Backlog	Percent of Assets in State of Good Repair Backlog	Number of Assets in State of Good Repair (Target Year)	Number of Assets in SOG Backlog (Target Year)	Performance Target (% in Backlog)
BU Bus	12	0	0.00%	12	0	0.00%
CU Cutaway	4	0	0.00%	7	0	0.00%
MV Minivan	2	0	0.00%	2	0	0.00%
RT Rubber-tired vintage trolley	0	0	0.00%	0	0	0.00%
VN Van	7	0	0.00%	7	0	0.00%
Equipment State of Good Repair (Support Vehicles Only)						
NTD REPORTING YEAR FY- 2018				PERFORMANCE TARGET YEAR FY- 2019		
Asset Class	Number of Assets in State of Good Repair	Number of Assets in State of Good Repair Backlog	Number of Assets in State of Good Repair Backlog	Number of Assets in State of Good Repair (Target Year)	Number of Assets in SOG Backlog (Target Year)	Performance Target (% in Backlog)
AO Automobile	11	6	35.29%	13	4	23.53%
Facilities State of Good Repair						
Facility Type	Asset Description	Current FY Facility Asset (TERM Rating)		Next FY Performance Target (TERM Rating)		
Administrative Facility	Building A and all surrounding property	3		4		
Maintenance Facility	Building B	4		4		
Administrative Facility	Building C	4		3		
Administrative Facility	Transit Center	3		4		
Maintenance Facility	Vehicle Storage Sheds E & F	4		4		

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, mid-life overhaul practices, maintenance campaigns, predictive 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.

PRIORITIZED LIST OF INVESTMENTS

Funding Requirements	
Rolling Stock Assets Eligible for Replacement	

[illegible]

New Rolling Stock Investments for Transit System Growth

[illegible]

Equipment Assets Eligible for Replacement									
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[illegible]

[illegible][illegible]

PRIORITIZED LIST OF INVESTMENTS	
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Funding Requirements	
Rolling Stock Assets Eligible for Replacement	

[illegible]

<p>New Facility Investments for Transit System Expansion</p>	
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[illegible]

Life Cycle Investment Requirements (Midlife Overhauls)					

[illegible]

Other Investment Requirements	

FUNDING CODE	Tag / Asset Identifier	Asset Category	Priority	Asset / Investment Description	Anticipated Project Year	Total Estimated Cost	Remarks
2 of 4							

