



City Council Work Session Meeting Agenda

July 15, 2025 at 5:00 PM

Jefferson City Municipal Building

1. Call to Order

Opening Prayer

Pledge of Allegiance

2. Citizen Comments (Citizens should state their name, address, and limit comments to five minutes.)

3. Communications from the Mayor

4. Reports/Presentations

a. Employee of the Quarter - **Holly Cox**

b. Police Dept 2025 Planning and Research Report - **Cpl Dustin Hill**

c. Dandridge Landfill Suspending Class 3 and 4 Waste Disposal - **Porter Massengill**

5. Items for Discussion

a. Purchase of Single Axle Dump Truck for Water/Sewer Department - **Porter Massengill**

b. Gas Detection System Replacement - **Lee Turner**

c. Hazardous Materials Education Program (HMEP) Grant - **Lee Turner**

d. Proposed Annexation and Plan of Services - **Jeff Houston**

e. Request for Authorization to Proceed with Fire Alarm at Various City Facilities - **Allen Gillespie/James Gallup**

f. Review of Bid 26-01: On Call Mowing & Property Cleanup Program - **Will Kurtz/James Gallup**

6. Appointments

a. **Jefferson Healthcare Foundation** - One vacancy in August 2025. City Council appoints members for a three-year term. Tony Pettit is willing to continue to serve.

7. Calendar/Upcoming Events

a. The next quarterly JCEDB meeting will be at 8:00am on July 18, 2025, at Bush's Cafe.

b. The July HZC/Regional Planning Commission/BZA meeting will be on Monday, July 28, 2025.

- c. The August City Council Meeting will be on Monday, August 4, 2025.
- d. The August Work Session will be on Tuesday, August 19, 2025.
- e. The August HZC/Regional Planning Commission/BZA meeting will be on Monday, August 25, 2025.

8. Announcements

- a. Next Mossy Creek Movie Night will be Monday, July 21st at 8:00pm at Mossy Creek Station.
- b. Downtown Property/Business Owner Forum will be Monday, July 28th at 6pm at the Mossy Creek Roasters.

9. Adjourn

Jefferson City Police Department

Planning and Research Report
Completed – 1st Quarter of 2025

2024 Planning and Research Report

Tennessee Law Enforcement Accreditation Program

Corporal Dustin Hill

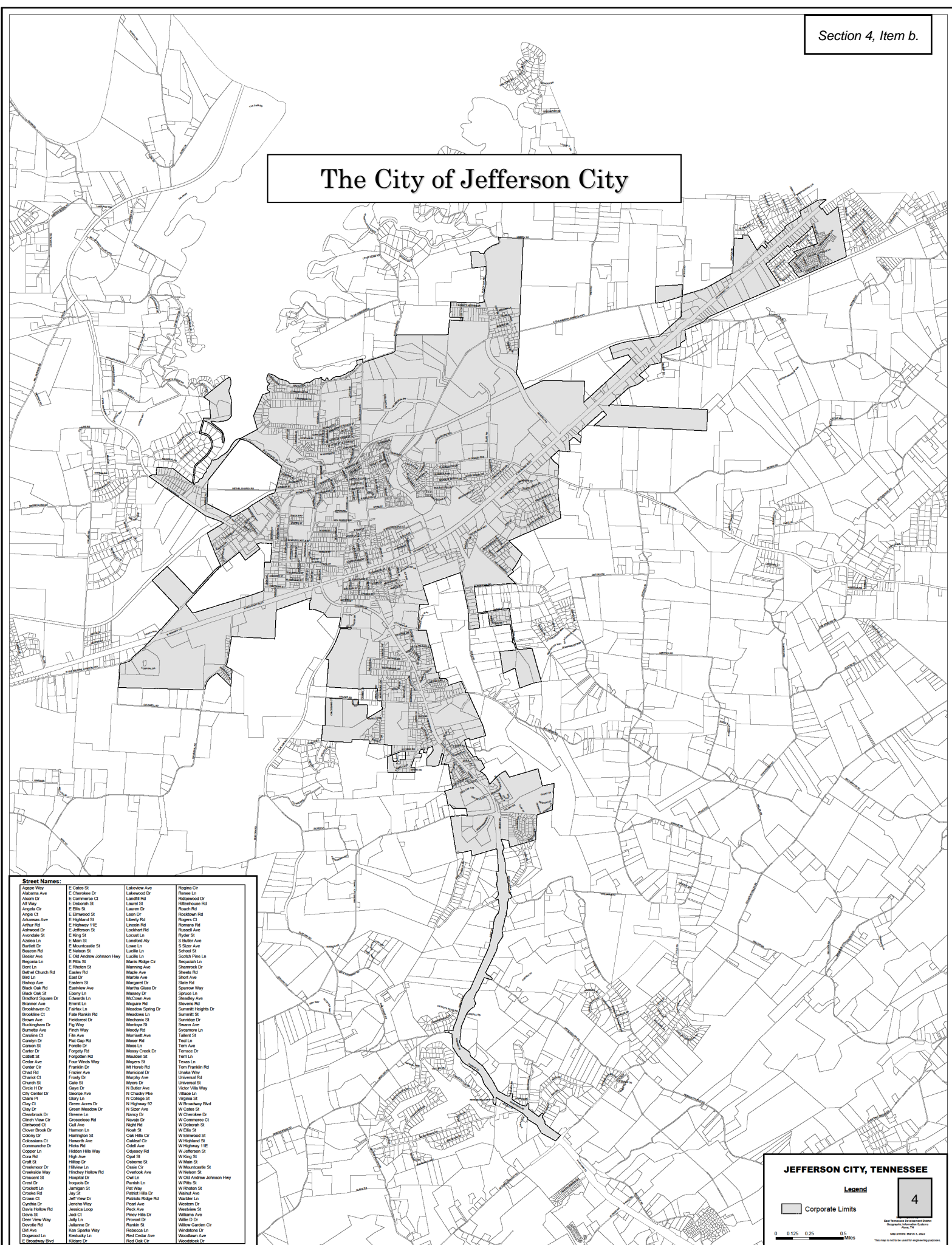
**100 City Center Drive
Jefferson City, TN 37760
Phone: 865-475-2002
www.jeffersoncitytn.gov**

Dissemination

Chief Andy Dossett
Deputy Chief Eric Thomas
CID Commander, Captain Richard Mitchem
Patrol Commander, Captain Jerome West
Accreditation Manager, Deana Williamson


The purpose of this report is to provide you with the intelligence needed to best prepare and pre-plan for the mission. The analytics provided include incident and arrest totals, locations, violations, and dates, along with crash reporting statistics as it relates to alcohol, drugs, and crash types. Please take note of these occurrences and re-adjust your resources where and when they are needed most – this could include DUI saturation patrols, drug enforcement efforts, etc.




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JEFFERSON CITY, TENNESSEE

Legend

 Corporate Limits

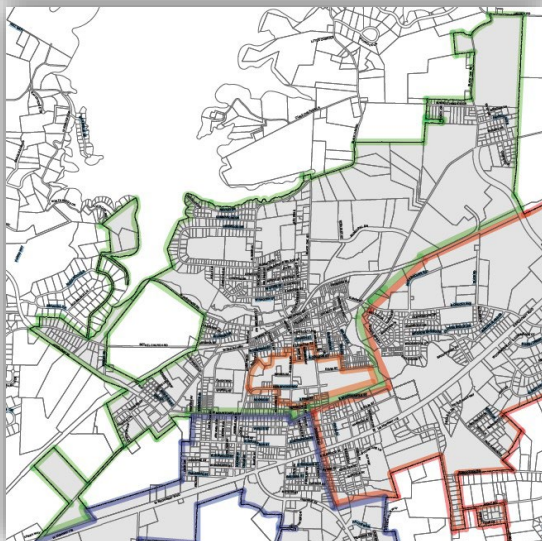
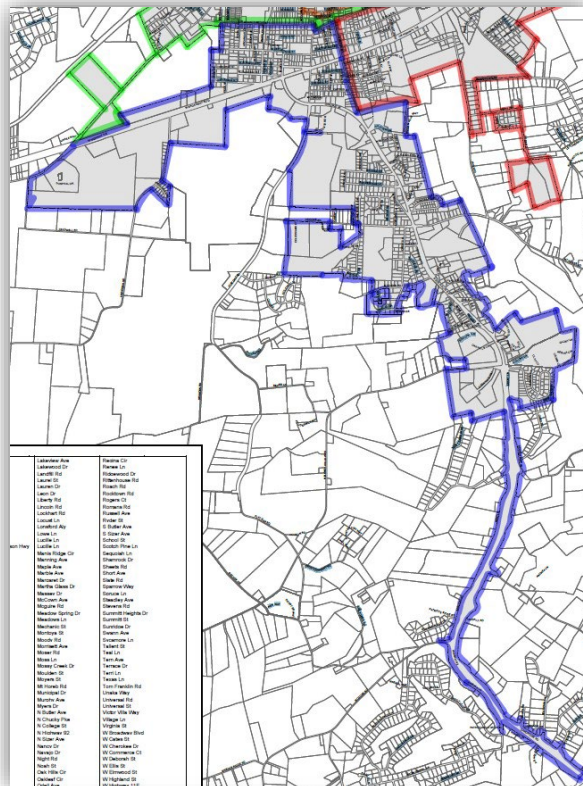
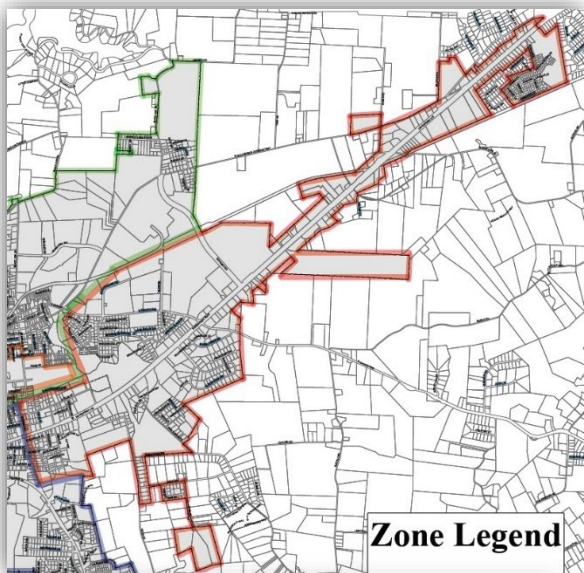
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Small Business Technology Institute
Computer Information Systems
Reno, NV

Map printed March 3, 2002

This map is not to be used for engineering purposes

0 0.125 0.25 0.5 Miles



The City of Jefferson City has approximately 7.019 mi² of land within the city limits split into 4 zones for law enforcement patrol.

Zone 1 (Red, East)

George Ave to Hamblen County line,
Mountcastle to Hwy 92

Zone 2 (Blue, West)

New Market City limits to George Avenue,
Mountcastle to Dandridge

Zone 3 (Green, North)

Mountcastle to Black Oak Road

Zone 4 (Orange)

Carson Newman Campus

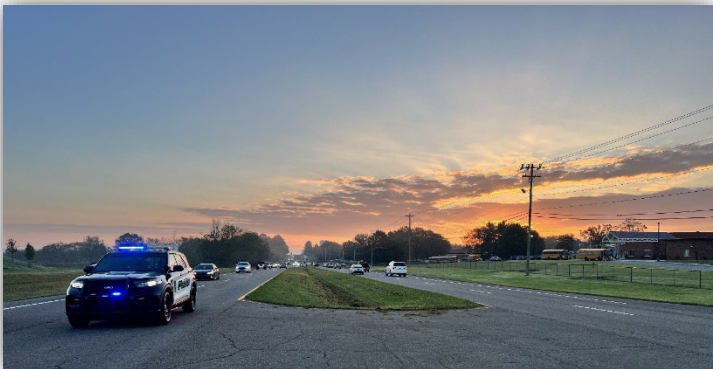


Preface

This report presents an analytical overview of this year’s calls for service data across various operational zones, providing insight into emerging trends and patterns that influence law enforcement resource allocation and response strategies. The data reflects a mixed landscape, with some areas showing consistent growth and others experiencing a decline in call volume. Zone 2 demonstrated a continued upward trend with a 5.34% increase in calls, building upon the previous year’s 2.8% growth. In contrast, Zone 1 saw a 2.17% decrease, a notable shift following a significant 16.78% increase last year. Zone 3 also experienced a 4.58% decline, reversing its previous modest growth, while Zone 4 showed a rise in calls for service by 4.77% after an 11.33% drop the year before.

Beyond the city’s core zones, calls for service outside city limits surged by 35.46%, largely attributed to detective activity on cases originating within the city. This marks an important development in understanding how investigative operations influence service demand. Additionally, a noteworthy 30.19% decrease in 911 disconnect calls—from 1,080 in 2023 to 754 in 2024—points to improved call accuracy and a potential reduction in unnecessary response efforts.

The findings contained in this report serve as a vital tool for evaluating current operational effectiveness, guiding strategic planning, and enhancing service delivery in response to evolving community needs.

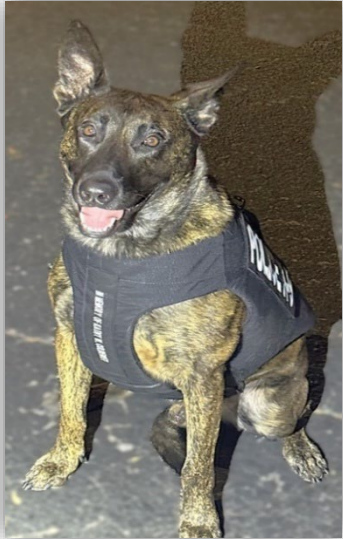
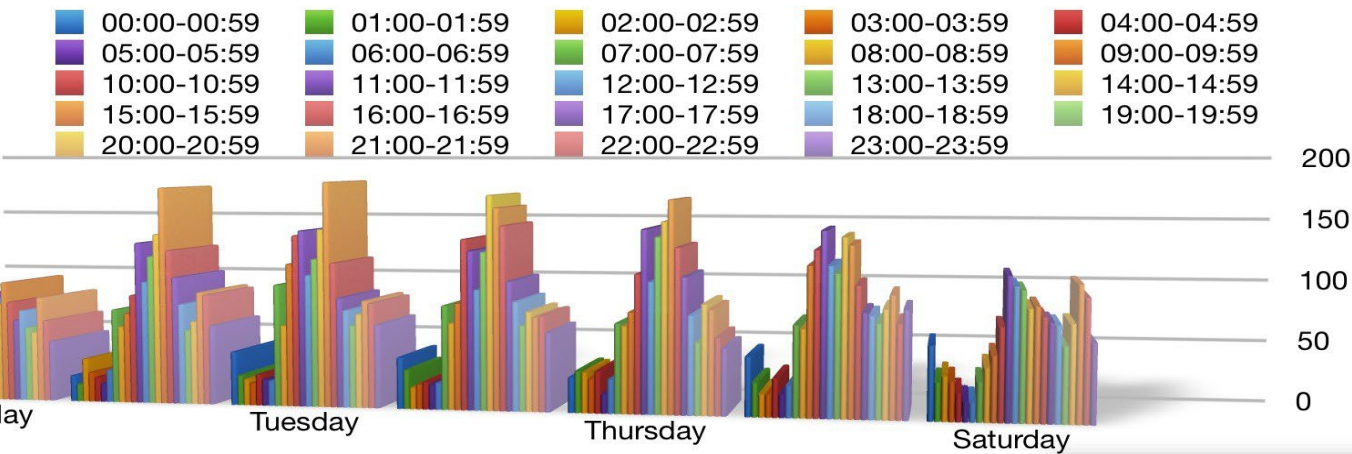


Calls for Service Summary and Breakdown

2023 Calls for Service by Day

Sector	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total	+/-
Zone 1	491	568	671	667	603	651	546	4,197	+16.78%
Zone 2	452	720	758	721	747	697	530	4,367	+2.8%
Zone 3	300	361	344	350	376	406	351	2,488	+2.05%
CNU Zone 4	28	41	50	44	48	37	26	274	-11.33%
Outside City	72	108	116	139	116	109	76	736	6.03%

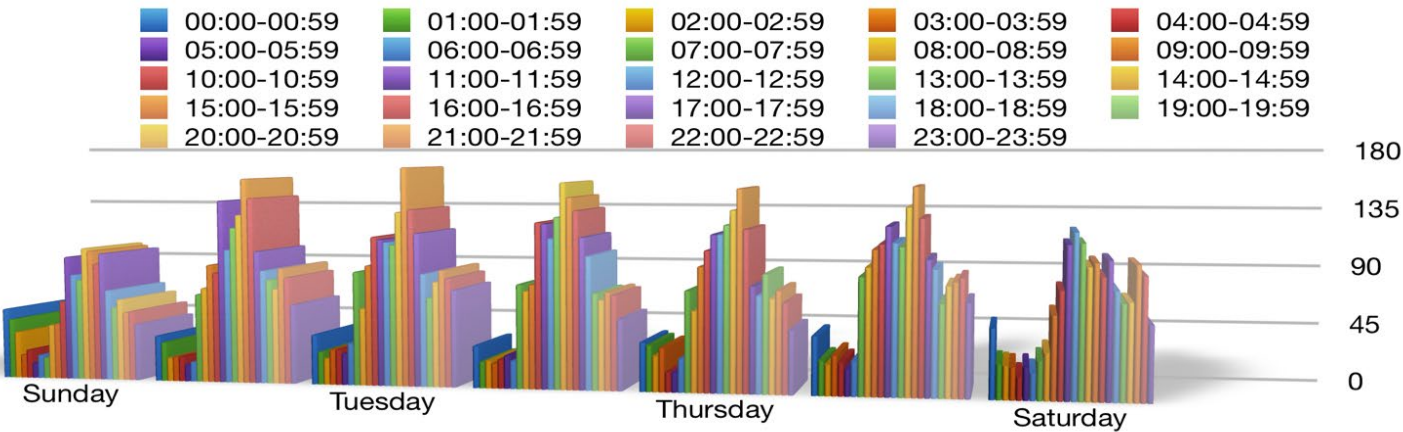
2023 Calls for Service by Hour



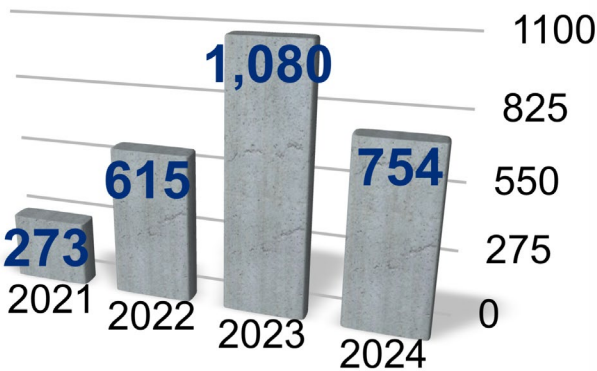
2024 Calls for Service by Day

Sector	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total	+/-
Zone 1	478	623	656	601	554	631	563	4,106	-2.17%
Zone 2	472	716	735	698	700	731	548	4,600	+5.34%
Zone 3	287	330	322	367	338	382	348	2,374	-4.58%
CNU Zone 4	22	42	41	53	41	55	33	287	+4.77%
Outside City	99	147	152	158	168	164	109	997	+35.46%

2024 Calls For Service by Hour

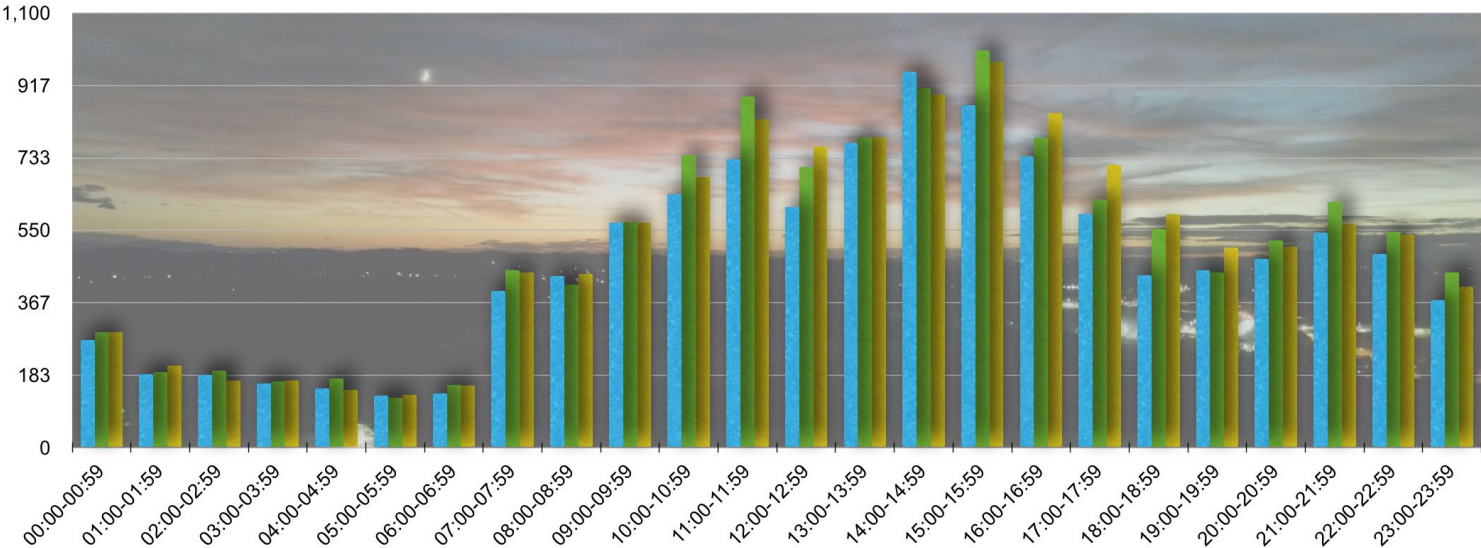


911 Disconnect CFS



Year Comparison – Call for Service by Hour

2022 2023 2024



Recommendation:

Based on the current data, patrol deployment should prioritize flexibility and support while maintaining consistent zone coverage. Each zone should continue to have one officer assigned per shift to handle calls for service. Given the rise in calls in Zones 2 and 4, these areas may benefit from additional presence or spot checks by the Sergeant, especially during peak hours.

The Sergeant should maintain a floating role, focusing on high-call areas (such as Zones 2 and 4) and providing oversight, backup, and supervisory support as needed. The significant 35.46% increase in calls outside city limits—often related to ongoing investigations—may not require routine patrol allocation but warrants availability of a flex unit response when necessary.

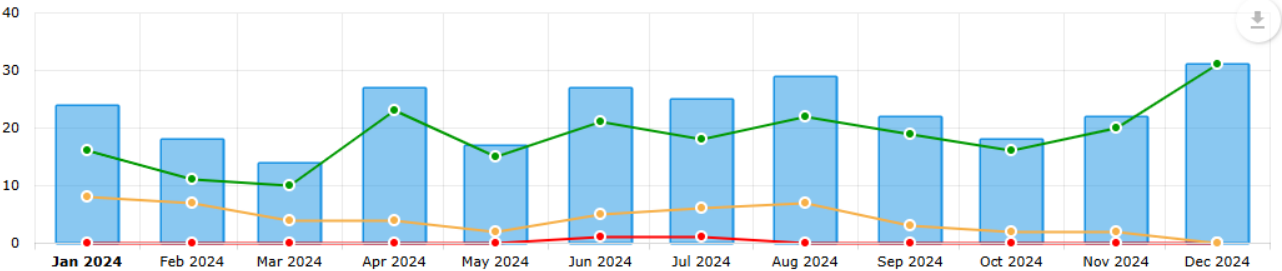
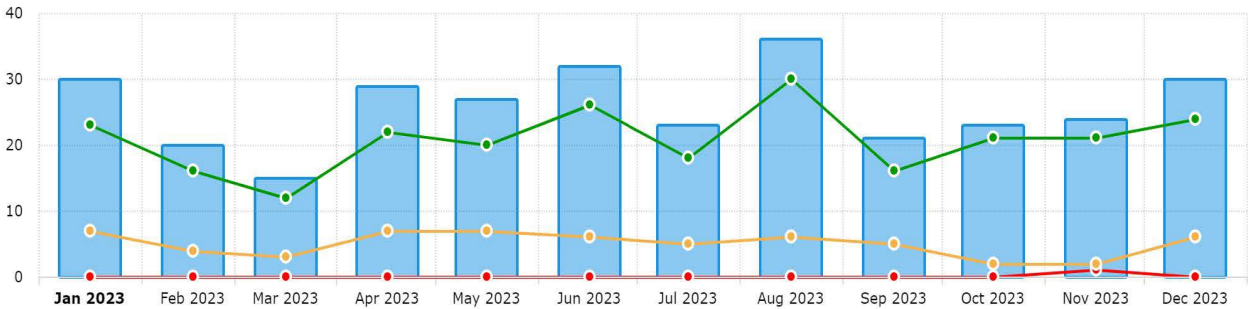
The observed 30.19% drop in 911 disconnects may reduce unnecessary responses, allowing unassigned officers to engage in proactive patrols, assist with follow-up investigations, traffic enforcement, or community engagement. This balanced deployment ensures strong coverage, quicker response times, and efficient use of personnel to match the evolving call demand.



Traffic Crash Analysis

	2021	2022	2023	2024
Total Crashes	287	313	310	274
Crash with Injury	49	57	60	50
Property Damage	238	255	249	222
Total Injuries	78	81	92	66
Pedestrian Involved	0	0	1	0
Fatalities	0	1	1	2
Private Property*	--	--	158	156

*Private Property crashes are NOT included in TITAN crash totals.





Distracted Driver Crashes

	2021	2022	2023	2024
Fatality	0	0	0	0
Property Damage	33	37	20	23
Personal injury	3	9	4	8
Total	36	46	24	31

Crashes with Drugs Present

	2021	2022	2023	2024
Fatality	0	0	0	0
Property Damage	1	6	6	0
Personal Injury	3	5	2	3
Total	3	11	8	3

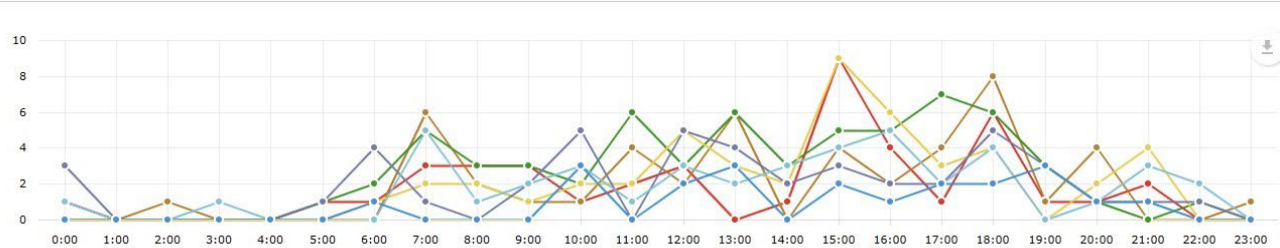
Crashes with Alcohol Present

	2021	2022	2023	2024
Fatality	0	0	0	0
Property Damage	4	9	6	4
Personal Injury	4	4	2	5
Total	8	13	8	9



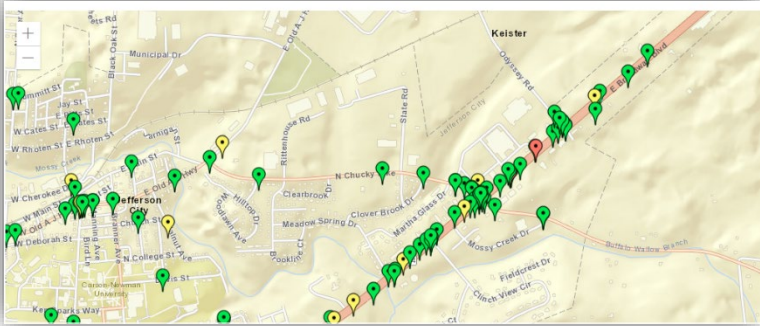
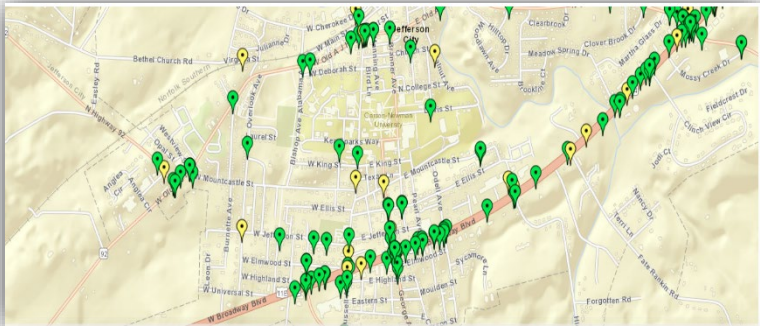
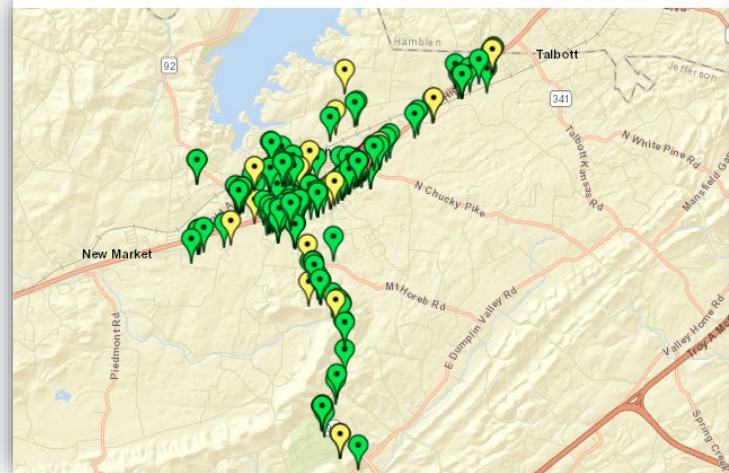
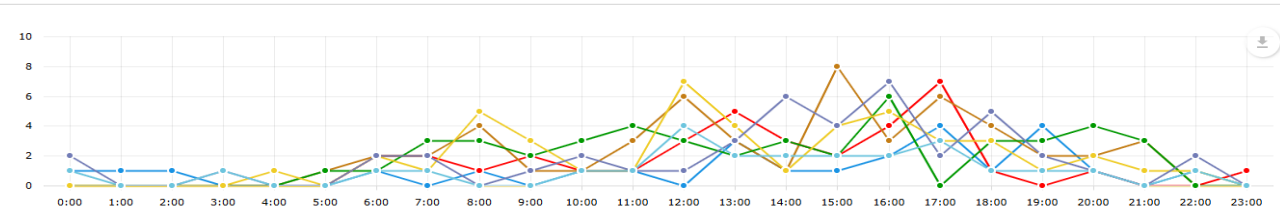
Crashes by Hour 2023

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<input checked="" type="checkbox"/>	Monday
<input checked="" type="checkbox"/>	Tuesday
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Crashes by Hour 2024

<input checked="" type="checkbox"/>	Sunday
<input checked="" type="checkbox"/>	Monday
<input checked="" type="checkbox"/>	Tuesday
<input checked="" type="checkbox"/>	Wednesday
<input checked="" type="checkbox"/>	Thursday
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<input checked="" type="checkbox"/>	Saturday



Synopsis:

Crashes involving distracted drivers saw an increase in 2024, while those related to substance use showed a decline. Despite the implementation of a second traffic officer assigned to the opposite rotating shift, the trend of distracted driving crashes rose. This suggests that additional enhanced traffic enforcement efforts are necessary. Additionally, crash data indicates that incidents are more prevalent between the hours of 7:00 AM and 9:00 PM, highlighting key windows for continued enforcement visibility.

Recommendations:

To sustain and further improve the reduction in distracted driving crashes, the Jefferson City Police Department should continue supporting the current traffic enforcement model, including the assignment of a dedicated traffic officer to each rotating shift. Data indicates that crashes are most prevalent between 7:00 AM and 9:00 PM; therefore, aligning traffic officer schedules to ensure peak-hour coverage is essential. Additionally, consideration should be given to periodic high-visibility enforcement campaigns targeting distracted driving during these high-risk hours, supplemented by public awareness efforts. This combined strategy will reinforce deterrence, improve driver behavior, and enhance overall roadway safety.



Incident Offenses

All Other Offenses (90Z)	371
Drug Narcotic Offenses - Drug/Narcotic Violations (35A)	277
Drug Narcotic Offenses - Drug Equipment Violations (35B)	152
Larceny/Theft Offenses - Shoplifting (23C)	140
Assault Offenses - Simple Assault (13B)	101
Larceny/Theft Offenses - All Other Larceny (23H)	82
Driving Under the Influence (90D)	74
Destruction/Damage/Vandalism of Property (290)	71
Warrant Service Other Agency (UDC 91WS)	68
Burglary/Breaking and Entering (220)	31
Drunkenness (90E)	29
Disorderly Conduct (90C)	27
Assault Offenses - Aggravated Assault (13A)	27
Incident (UDC 91A)	23
Fraud Offenses - False Pretenses/Swindle/Confidence Game/Flimflam/Scam (26A)	16
Weapon Law Violations (520)	15
Motor Vehicle - Motor Vehicle Theft (240)	12
Trespass of Real Property (90J)	10
Fraud Offenses - Impersonation (26C)	10
Fraud Offenses - Credit Card/Automatic Teller Machine Fraud (26B)	9

Crime In Jefferson City

Total Incidents	1,408
Total Arrests	816
Total Drug Charges	327
Total Murders	0
Total Rapes	3
Total Other Sexual Assaults	3
Total Kidnappings	1
Total Domestic Violence	45
Total Date Violence	15
Total Stalking	0



Parties

Individuals	3,453
Organizations	742
Juveniles	349
Expunged	0
Infectious	0
Quarantined	0
Complainants	564
Victims	1,351
Suspects	1,282
Unsubs	144
Witnesses	333
Responders	1
Healthcare Professionals	3
Other	741

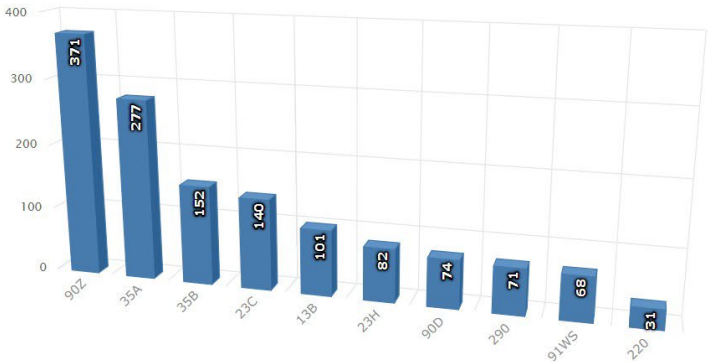
Arrests

Juveniles	24
Teens	64
Adults - 20s	171
Adults - 30s	211
Adults - 40s	179
Adults - 50s	107
Adults - 60s	33
Seniors - 65+	30

Incident Offenses (FULL YEAR 2024)

All Other Offenses (90Z)	371
Drug Narcotic Offenses - Drug/Narcotic Violations (35A)	277
Drug Narcotic Offenses - Drug Equipment Violations (35B)	152
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Assault Offenses - Aggravated Assault (13A)	27

Top Incident Offenses



Staffing and Population Overview

When fully staffed, the Jefferson City Police Department operates with five (5) officers per shift: one (1) Sergeant, one (1) Corporal, one (1) Carson-Newman Officer, and two (2) patrol officers. Each rotation—Alpha and Bravo—also includes one (1) traffic officer assigned during peak traffic hours to address congestion and traffic-related concerns.

As of May 2024, Jefferson City has an estimated population of 8,872 (U.S. Census). The city is experiencing residential growth, with several subdivisions under active construction and a notable influx of new residents. This trend is anticipated to continue, accompanied by increased commercial development and public service demands.

Criminal Investigations Division (CID) Activity

In 2024, the General Assignment Criminal Investigations Division received 303 newly assigned cases. Of these, 222 were successfully closed through arrest or alternative resolution, resulting in a closure rate of 73.26%. It is important to note that this figure accounts solely for newly assigned cases and does not reflect progress on previously assigned cases or ongoing narcotics investigations, which are resolved on a rolling basis throughout the year.



Average Daily Traffic Count*

Road/Location	2021	2022	2023	2024	+/- '23-'24
US-11E / Near Odyssey Rd	18,750	20,412	24,564	19,055	- 22.43%
US-11E / Hicks Rd	17,540	25,047	26,119	24,398	- 6.59 %
US-11E / Russell Ave	18,299	19,274	20,334	18,736	- 7.86 %
US-11E / Universal Rd	18,356	18,452	18,642	21,198	+ 13.71%
SR-92 / W. Old A.J. Hwy	7,235	7,298	6,444	6,560	+ 1.80%
SR-92 / George Ave	8,507	16,208	16,642	17,538	+ 5.38%
US-11E / Willow Garden	19,039	18,006	18,056	24,084	+ 33.39%
Russell Ave / Eastern St	3,819	5,028	4,419	3,934	- 10.98%
Ken Sparks / George Ave	1,585	1,426	1,497	1,524	+ 1.08%
W. Old A.J./ Bishop Ave	6,052	7,340	7,607	8,173	+7.44%
Overlook / W. Jefferson	2,447	2,486	2,673	2,889	+ 8.08%
Russell Ave / King St	3,358	3,522	3,747	2,815	- 24.87%
SR-92 / Near Roach Rd	19,392	12,792	21,046	13,414	- 36.26%

*TDOT

2024 Citations

Driving on Revoked/Cancelled/Suspended	432	Notice of Change of Address	59
Drivers to Exercise Due Care	19	Parking Violations	46
Financial Responsibility Law	707	Hands-Free Law	463
Expired Registration	264	Reckless Driving	11
Failure to Yield	13	Simple Possession	127
Unregistered Vehicle	110	Speeding	722
Leaving the Scene of Crash	3	Theft	98
No Drivers License	226	Improper Display of Registration	119
Violation of Seatbelt	245	Violation of Light Law	213

According to 2024 data provided by the Tennessee Department of Transportation (TDOT), traffic volume in Jefferson City displayed both increases and decreases across key locations. Notably, US-11E at Universal Road saw a significant increase of 13.71%, and US-11E at Willow Garden experienced the highest growth at 33.39%. Conversely, SR-92 near Roach Road and Russell Avenue at King Street reported the largest decreases, at 36.26% and 24.87%, respectively. These fluctuations may reflect shifting travel patterns influenced by ongoing development and infrastructure changes.

In conjunction with traffic volume trends, the Jefferson City Police Department issued a total of 4,004 citations in 2024. Major citation categories included speeding (722), financial responsibility law violations (707), hands-free law violations (463), and driving on a revoked, cancelled, or suspended license (432). These figures highlight the department's active enforcement efforts to enhance roadway safety and ensure legal compliance amidst evolving traffic conditions.



From a law enforcement perspective, the data and analysis outlined in this report provide critical insight into how the Jefferson City Police Department must continue to evolve to meet the demands of a growing and shifting community. The fluctuations in Average Daily Traffic Counts (ADTC) reflect dynamic traffic patterns and highlight areas that require continued attention for enforcement, visibility, and possible infrastructure support. Substantial increases in vehicle volume were observed along US-11E at Willow Garden (+33.39%), Universal Road (+13.71%), and Overlook at West Jefferson (+8.08%), indicating potential hotspots for traffic-related incidents and the need for sustained patrol presence. Meanwhile, areas such as SR-92 near Roach Road (-36.26%) and Russell Avenue at King Street (-24.87%) experienced notable decreases, which may reflect changes in residential traffic flow or shifting commuter behavior.

This traffic data informs not only enforcement strategies but also city planning and resource deployment. In areas of growth and heavy volume, additional speed enforcement, intersection monitoring, and visibility patrols may be warranted. In contrast, areas with significant declines may allow the department to reallocate personnel to higher-need locations or emerging problem areas.

The 2024 citation data underscores our department's ongoing commitment to roadway safety. Enforcement efforts have targeted high-risk violations such as speeding, uninsured motorists, and hands-free law infractions. These violations continue to pose serious public safety risks, and our proactive enforcement is essential to deterring dangerous driving behaviors and reducing roadway crashes and fatalities.

Beyond traffic, our call-for-service analysis reveals varying levels of demand across patrol zones. A particularly significant finding is the 35.46% increase in calls outside the city limits—driven largely by detective activity originating from cases inside city jurisdiction. This increase reflects the expanding operational footprint of the Jefferson City Police Department and highlights the importance of maintaining flexibility in staffing and resource allocation, especially in investigations that cross jurisdictional lines.

The department operates under a two-shift model—Alpha and Bravo—each staffed by a Sergeant, Corporal, and three patrol officers. One officer per shift is assigned exclusively to Carson-Newman University, which had an undergraduate enrollment of 1,672 in Fall 2023. The remaining personnel—Sergeant, Corporal, and two patrol officers—respond to calls for service across the city. While all four units contribute to daily operations, the Sergeant typically serves in a supervisory capacity and floats throughout the incorporated city limits, providing support where needed and ensuring oversight across all zones. This structure reinforces the need for efficient deployment and mutual support during high-call-volume periods.

With an estimated population of 8,872 (plus 1,672 undergraduate students at Carson-Newman University), Jefferson City maintains an officer-to-population ratio of approximately 1 officer per 459 residents—or 2.18 officers per 1,000. This figure accounts for twenty-three uniformed officers. While the ratio remains consistent with standards for cities of similar size, the dedicated university assignment and supervisory responsibilities require continuous monitoring of workload distribution and operational capacity to maintain optimal response effectiveness.

Equally important to our operational strategy is strengthening relationships with the public we serve. Officers are encouraged to take a more active role in engaging with business owners, community leaders, and neighborhood associations. These relationships not only foster public trust and cooperation but also provide valuable insight that can guide localized enforcement efforts, crime prevention strategies, and outreach initiatives.

As Jefferson City continues to develop, it is the responsibility of this department to remain proactive, adaptive, and engaged. Strategic planning must be rooted in accurate data, real-world officer experience, and the evolving needs of our community. Collaboration with city leadership and stakeholders will be essential to ensure our public safety mission aligns with the broader goals of growth, sustainability, and service.

Guided by our mission of **Integrity, Service, & Commitment**, the Jefferson City Police Department stands ready to meet these challenges. With continued focus on accountability, community engagement, and data-driven operations, we remain dedicated to creating a safer, stronger, and more connected city for all who live, work, study, and travel here.



In closing, sincere appreciation is extended to the dedicated men and women of the Jefferson City Police Department for their unwavering commitment to public safety, integrity, and service. Their professionalism and tireless efforts continue to make a meaningful difference in the lives of our citizens each day. We also extend our gratitude to the City Council of Jefferson City and the City Manager for their continued support and partnership, which enables us to grow, adapt, and meet the evolving needs of our community with excellence and accountability.

Respectfully submitted,



Corporal Dustin Hill





PUBLIC WORKS DEPARTMENT AGENDA ITEM REPORT

TO: City Council
FROM: Porter Massengill, Director
DATE: July 10, 2025
SUBJECT: Dandridge Landfill Suspending Class 3 and 4 Waste Disposal

BACKGROUND:

- Jefferson City has received notice that Jefferson County Landfill is suspending Class 3 and 4 waste disposals at their facility effective August 1, 2025.

FISCAL IMPACT:

- Unknown

REQUEST/RECOMMENDATION:

I have reached out to Lakeway Landfill in Morristown but have yet to hear back from them as to account set-up and disposal costs per ton. I felt it necessary to discuss this development with City Council as to our options in this matter.

ATTACHMENTS:

Letter from Jefferson County Sanitation Department dated July 8, 2025



Jefferson County Sanitation Department

P.O. Box 127, Dandridge, TN 37725

Section 4, Item c.

July 8th, 2025

To all municipalities within Jefferson County:

As you know, Jefferson County Sanitation is experiencing an overfull condition on the Class III/IV Construction and Demolition side of its landfill. Due to this ongoing overfilled status, the Jefferson County Sanitation Commission has determined that it is in the best interest of the longevity of residential disposal for each city's public works department to begin taking their Class III/IV waste to the Lakeway Sanitation Landfill in Morristown. Each city has until **August 1st** to complete this waste transfer, and it will remain in effect until further notice. We are aware of the inconveniences this transfer will cause, but it has become necessary to extend disposal ability for the citizens of Jefferson County as a whole. We are actively working with the State of Tennessee and all affiliated parties on a resolution, and we will notify you when we have updates. If you have any questions, comments, or concerns, feel free to call. Thank you for your cooperation.

Eric Large

Solid Waste Director

Jefferson County Sanitation

865-397-3544 ext. 1



PUBLIC WORKS DEPARTMENT AGENDA ITEM REPORT

TO: City Council

FROM: Porter Massengill, Director

DATE: July 10, 2025

SUBJECT: Purchase of Single Axle Dump Truck for Water/Sewer Department

BACKGROUND:

- The City has received a quote from Worldwide Equipment Enterprises, Inc. for a Mack single-axle dump truck for the Water/Sewer Department.

FISCAL IMPACT:

- The quote is for \$134,714.00. The Council has approved \$160,000.00 (18178 - 60%/18278 – 40%) for this purchase.

REQUEST/RECOMMENDATION:

I respectfully request City Council to waive the bid process and approve this expenditure, as it is \$25,286.00 under the budgeted amount.

ATTACHMENTS:

Email from Worldwide Equipment Enterprises
Technical Specifications

Porter Massengill

From: Nikolas Peters <Nikolas.peters@thetruckpeople.com>
Sent: Monday, June 23, 2025 4:06 PM
To: Porter Massengill
Subject: 2026 Mack MD7 Dump Truck
Attachments: MD7 Specs - Jefferson City.pdf; Rogers Quote - Jefferson City.pdf

*******CAUTION*******

THIS EMAIL WAS GENERATED FROM OUTSIDE OF THE CITY OF JEFFERSON CITY. DO NOT CLICK LINKS OR OPEN ATTACHMENTS UNLESS YOU RECOGNIZE THE SENDER AND KNOW THE CONTENT IS SAFE!

Good afternoon sir,

Thank you for your time today and for the opportunity to provide you with this quote. This is for a 2026 Mack MD7 with a 10-Foot Rogers dump body. I have attached the chassis specs and the body quote. I have availability for chassis build dates as soon as August of this year. The timeframe to get a completed truck is roughly 6-7 months after time of order.

The total selling price after Tennessee Statewide Contract discounts have been applied is **\$134,714.00**.

If you'd like I can put together a proper proposal on our Statewide Contract, but I wanted to get you a price and specs today. If you have any questions, please let me know. My cellphone number is 865-415-1834.

Thank you and have a great day,

NIKOLAS PETERS | Government & Municipal Sales | Worldwide Equipment Enterprises, Inc.
6614 Wilbanks Road Knoxville, TN 37912 | 865.630.4280 | cell: 865.415.1834 | thetruckpeople.com

TECHNICAL SPECIFICATION

MD7 42R

Section 5, Item a.



			WEIGHT (LB)	
CUSTOMER/VEHICLE INFO	DESCRIPTION		FRONT	REAR
S	CHASSIS (BASE MODEL)	MD742 - GEN2 - 42R MEDIUM DUTY, CLASS 7 w/ 6.7L, (MAX 33,000lbs GVWR) 107" BBC	2,095	552
	VEHICLE USE & BODY/TRAILER TYPE	SERVICE/UTILITY TRUCK	0	0
	VEHICLE VOCATION	PICKUP & DELIVERY / SHORT HAUL SERVICE	0	0
S	CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND	0	0
S	TYPE OF SERVICE	COMMERCIAL	0	0
	Order Subject to Meeting All Mack Policies, Terms and Conditions, INTENDED REGISTRATION LOCATION	Including but not Limited to Applicable CARB and/or Section 177 States' Regulation requirements TENNESSEE	0	0
S	WARRANTY REGISTRATION LOCATION	USA - WARRANTY REGISTRATION LOCATION	0	0
	EMISSION WARRANTY CERTIFICATION	CARB + EPA for Cummins Diesel 6.7L	0	0
S	INITIAL REGISTRATION LOCATION	USA REGISTRATION	0	0
S	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH	0	0
S	OPERATING TERRAIN GRADE CONDITIONS	CITY, STARTING GRADES<6%	0	0
S	LOADING SURFACE FACTOR	ASPHALT LOADING AND / OR UNLOADING SURFACE	0	0
	OPERATING CLASS	OPERATING CLASS 6; 25995lb GVWR	0	0

			WEIGHT (LB)	
ENGINE & TRANSMISSION	DESCRIPTION		FRONT	REAR
S	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2016	0	0
	ENGINE / MOTOR	ISB6.7-325 DIESEL CUMMINS 325HP @ 2600RPM (GOV) 750 LB-FT, US21	1,597	-39
	TRANSMISSION	3000 RDS 6 SPEED ALLISON GEN6 W/PROGNOSTICS, WITH PTO PROVISION	497	113
S	FUELSENSE CALIBRATION	ALLISON FUELSENSE, NEUTRAL AT STOP	0	0
S	TRANSM AUTO NEUTRAL ON P-BRAKE	AUTO NEUTRAL SINGLE INPUT WITH SHIFT SELECTOR OVERRIDE	0	0

			WEIGHT (LB)	
ENGINE & TRANSMISSION EQUIPMENT	DESCRIPTION		FRONT	REAR
	ENGINE BRAKE TYPE	VGT TURBO EXHAUST BRAKE (DIESEL ONLY)	0	0
	CRUISE CONTROL	CRUISE CONTROL	0	0
S	ALTERNATOR	DELCO 12V 160A (28SI) BRUSH-TYPE	0	0
	BATTERY DISCONNECT SWITCH	BATTERY DISCONNECT SWITCH	5	0
S	STARTER MOTOR	12 VOLT MELCO STARTER (MITSUBISHI ELECTRIC)	0	0
S	ENGINE BLOCK HEATER	120 VOLT / 0.75 KW, ENGINE BLOCK HEATER	3	0
S	POWER TAKE OFF CONTROL	WITHOUT POWER TAKE OFF CONTROL	0	0

			WEIGHT (LB)	
AXLE & SUSPENSION	DESCRIPTION		FRONT	REAR
S	FRONT AXLE	12,000LB MERITOR MFS+ 5400 KG	1,142	0
S	SPRINGS - FRONT	MACK TAPERLEAF 12300# (5500 KG) GROUND LOAD RATING	0	0
S	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 5" Q+	0	0

TECHNICAL SPECIFICATION (cont.)

Section 5, Item a.



			WEIGHT (LB)	
AXLE & SUSPENSION	DESCRIPTION		FRONT	REAR
S	PARKING BRAKE VALVE	PARKING BRAKE VALVE, 1 YELLOW KNOB, ALL PARKING	0	0
S	ANTILOCK BRAKE SYSTEM	BENDIX WITH TRACTION CONTROL 4S4M	9	5
S	REAR AXLE - SINGLE	21000# (9525 kg) MERITOR RS-21-160, (W/ DIFF LOCK) CASING 11.0mm	0	1,352
S	REAR SUSPENSION - SINGLE	23000# (10432kg) MULTILEAF	0	512
S	SUSPENSION LEVELLING DEVICE (CA in PC29 only)	WITHOUT SUSPENSION LEVELLING DEVICE	0	0
S	BRAKES - REAR	MERITOR "S" CAM 16.5"x7" Q+	0	0
S	REAR AXLE RATIO	RATIO 5.63, REAR AXLE	0	0

			WEIGHT (LB)	
CHASSIS EQUIPMENT	DESCRIPTION		FRONT	REAR
S	DPF DIESEL PARTICULATE FILTER	CUMMINS SINGLE MODULE E.A.T.S. RH SIDE UNDER CAB US17 (7L over 271HP only!!)	64	95
S	EXHAUST	UNDERFRAME RIGHT SIDE INBOARD MOUNTED (Diesel engines only)	0	0
S	BODY BUILDER MODULE	EL PREP KIT, TMC RP1404 EL. INTERFACE NO BODYBUILDER MODULE	0	0

			WEIGHT (LB)	
FRAME EQUIPMENT & FUEL TANKS	DESCRIPTION		FRONT	REAR
S	WHEELBASE	151" Wheelbase (84" CA) 50" After-frame	437	375
S	FRAME RAILS	STEEL - 260MM X 70MM X 8MM -- (10.24" X 2.75" X 0.31"); RBM 1,580,000 LB-IN	0	0
S	PRIMARY FUEL FILTER	FUEL FILTER & WATER SEPARATOR (Diesel engines only)	12	0
S	FUEL TANK - LH	50 GALLON (190 L) 22" ALUMINUM ROUND	113	56

			WEIGHT (LB)	
CAB INTERIOR	DESCRIPTION		FRONT	REAR
S	KEY TYPES FOR DOORS	BASIC UNIQUE KEY	0	0
S	SPEEDOMETER &- GAUGES - UNIT(s) OF MEASURE	U.S. UNITS (PREDOMINANT)	0	0
S	LANE SUPPORT SYSTEM (LSS)	WITHOUT LANE SUPPORT SYSTEM	0	0
S	PARK BRAKE ALARM	PARK BRAKE ALARM, SOUNDS IF BRAKE OFF & DRIVER'S DOOR OPENED	0	0
S	BACK-UP ALARM	WITHOUT BACK-UP ALARM	0	0
S	AIR RESTRICTION INDICATOR	MECHANICAL, GRADUATED, ON FILTER	0	0
S	DAYTIME RUNNING LIGHTS	DRL WHEN ENGINE RUNNING & PARK BRAKE OFF	0	0
S	FIRE EXTINGUISHER	HAND FIRE EXTINGUISHER 2.2 KG (5LB) ENGLISH DECAL, ABC	0	0
S	WARNING TRIANGLE	THREE WARNING TRIANGLES	0	0
S	AUDIO SYSTEM	RADIO, AM/FM, MP3, WEATHER BAND, W/ MUTE IN REVERSE	0	0
S	AUDIO INTEGRAT. PHONE HANDSFRE	AUDIO INTEGRATED HANDSFREE PHONE, BLUETOOTH	0	0
S	AUDIO COMMUNICATION CONNECTOR	AUDIO COMMUNICATION CONNECTOR, USB AUDIO	0	0
S	AUDIO SHUTOFF	AUTOMATIC AUDIO SHUTOFF, REVERSE ENGAGED	0	0
S	COMMUNICATION EQUIPMENT	FACTORY INSTALLED GEOTAB FLEET MANAGEMENT SYSTEM	0	0
S	INTERIOR TRIM	PREMIUM SATIN FINISH INTERIOR TRIM, WITH OVERHEAD STORAGE CONSOLE	0	0
S	SEAT - DRIVER'S	MACK-AIR, VINYL HIGH BACK, 1 CHAMBER AIR LUMBAR	82	0
S	DRIVER SEAT	MACK DRIVERS SEAT, AIR SUSPENDED	0	0

TECHNICAL SPECIFICATION (cont.)

Section 5, Item a.

MACK

			WEIGHT (LB)	
CAB INTERIOR		DESCRIPTION	FRONT	REAR
	DRIVERS SEAT UPHOLSTERY	DRIVERS SEAT UPHOLSTERY, VINYL	0	0
	SEAT - PASSENGER'S	MACK-FIXED, VINYL BENCH SEAT, MID BACK, W/ STORAGE BOX	51	0
	PASSENGER SEAT	FIXED BENCH SEAT SUPPORT, INTEGRATED STORAGE BOX	0	0
	PASSENGERS SEAT UPHOLSTERY	PASSENGERS SEAT UPHOLSTERY, VINYL	0	0
S	SEAT BELT(S)	ALL SEAT BELTS - ADJUSTABLE D-RING, BLACK	0	0
S	STEERING WHEEL ADJUSTMENT	TILT / TELESCOPIC STEERING COLUMN	0	0
S	STEERING WHEEL SWITCHES	FLAT BOTTOM STEERING WHEEL, WITH BUTTON CONTROLS	0	0
S	BODY BUILDER INTERFACE	BODY BUILDER CONNECTIONS (on/in vehicle) Diesel Vehicles	0	0

			WEIGHT (LB)	
CAB EXTERIOR		DESCRIPTION	FRONT	REAR
S	CAB SUSPENSION TYPE	CAB SUSPENSION TYPE, AIR	0	0
S	HEADLAMPS	HEADLAMP TYPE, HALOGEN	0	0
	HOOD RADIATOR GRILLE, FINISH	HOOD RADIATOR GRILLE FINISH, BRIGHT CHROME	0	0
	FRONT BUMPER FINISH	STEEL FRONT BUMPER, BRIGHT FINISH	0	0
S	DOOR / WINDOW FEATURES	ELECTRIC WINDOWS AND DOOR LOCKS	0	0
S	DOOR WINDOW FRONT	PEEP WINDOW ON PASSENGER SIDE DOOR	0	0
	MIRRORS - EXTERIOR	HEATED AND MOTORIZED MIRRORS BOTH SIDES, BLACK (Anthem mirror)	29	0
S	GRAB HANDLES	EXTERIOR GRAB & DOOR HANDLES	0	0

		WEIGHT (LB)	
WHEELS & TIRES	DESCRIPTION	FRONT	REAR
TIRES BRAND/TYPE - FRONT	11R22.5 G BRIDGESTONE R268 ECOPIA (12350 lbs) (Total for QTY = 2)	243	0
WHEELS - FRONT	22.5x8.25 ACCURIDE, 51487x POWDER COATED WHITE STEEL DISC (Total for QTY = 2)	128	0
FRONT AXLE TIRE & WHEEL QUANTITY	TWO FRONT TIRES & WHEELS	0	0
TIRES BRAND/TYPE - REAR	11R22.5 G BRIDGESTONE M760 ECOPIA (23360 lbs) (DRIVE ONLY) (Total for QTY = 4)	0	538
WHEELS - REAR	22.5x8.25 ACCURIDE, 51487x POWDER COATED WHITE STEEL DISC (Total for QTY = 4)	0	256
REAR AXLE TIRE & WHEEL QUANTITY	FOUR REAR AXLE TIRES & WHEELS	0	0

			WEIGHT (LB)	
PAINT		DESCRIPTION	FRONT	REAR
S	PAINT TYPE	SOLID PAINT	0	0
S	PAINT COLOR - FIRST COLOR	GLACIER WHITE; P3029	0	0

			WEIGHT (LB)	
BASE WARRANTY & PURCHASED COVERAGES		DESCRIPTION	FRONT	REAR
S	ENGINE TOWING WARRANTY	CUMMINS ENGINES (Contact Cummins for Standard Warranty and Extended Coverage Details)	0	0
S	VEHICLE WARRANTY TYPE	NORMAL DUTY WARRANTY CLASSIFICATION	0	0
S	BASIC CHASSIS COVERAGE	CHASSIS PLAN 24 MO/UNLIMITED MI NORMAL DUTY PROTECTION PLAN	0	0

TECHNICAL SPECIFICATION *(cont.)*

Section 5, Item a.



BASE WARRANTY & PURCHASED COVERAGES			WEIGHT (LB)	
			FRONT	REAR
S	ENGINE WARRANTY	CUMMINS ENGINES B6.7 (Contact Cummins for Standard Warranty and Extended Coverage Details)	0	0
S	EMISSION COMPONENT COVERAGE	CUMMINS ENGINES (Contact Cummins for Standard Warranty and Extended Coverage Details)	0	0
S	TRANSMISSION WARRANTY	ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data)	0	0
S	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only)	0	0
S	CHASSIS TOWING WARRANTY	STANDARD CHASSIS TOWING 90 DAYS OR 5,000 MILES	0	0

SERVICES			WEIGHT (LB)	
			FRONT	REAR
S	MACK ONECALL AND ASIST	MACK ONECALL AND ASIST - 12 MONTH	0	0
S	PARTNERED SERVICES	GEOTAB FOR MACK TRUCKS - 6 MONTH	0	0

FRONT / REAR AXLE WEIGHTS (LB)

6500

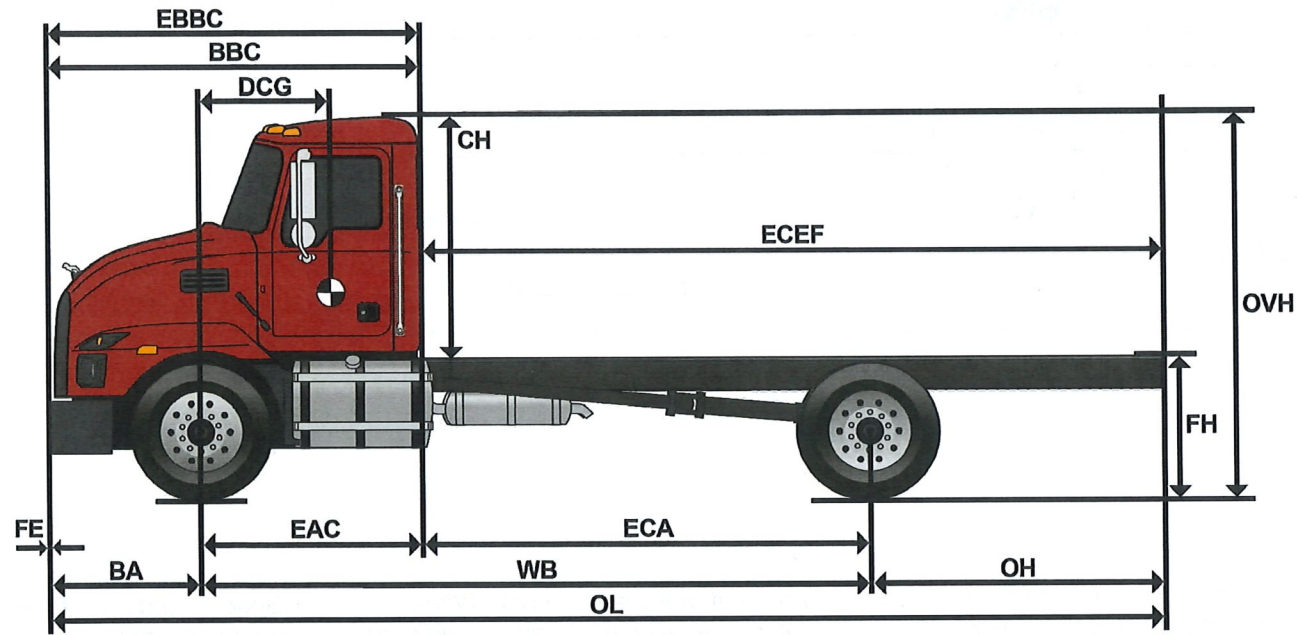
3810

TOTAL WEIGHT (LB)

10309

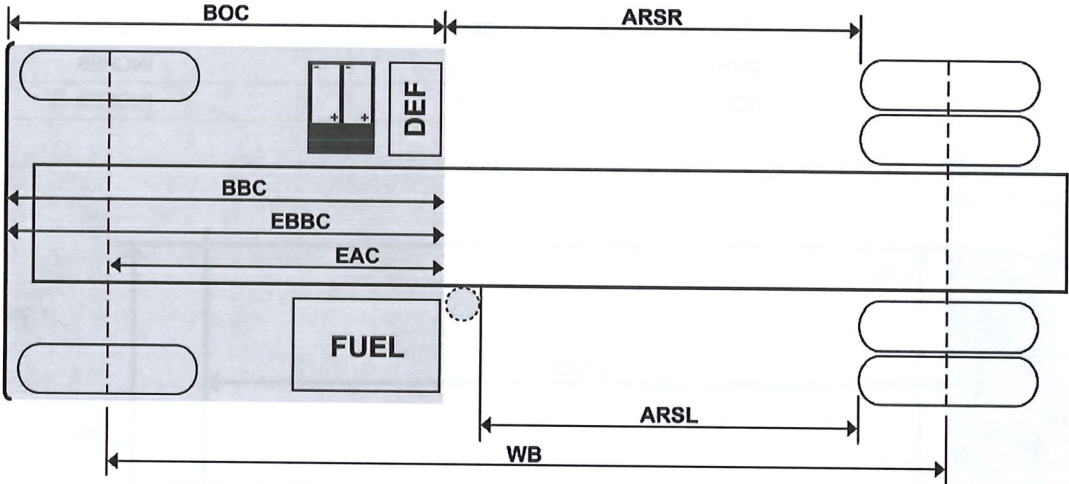


VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY			
Description	Dwg Ref	Length	UOM
Front Frame Extension	FE	0.0	INCHES
Bumper to Front Axle	BA	40.0	INCHES
Eff. Bumper to Front Axle	N/A	40.0	INCHES
Wheelbase	WB	151.0	INCHES
Rear Overhang	OH	50.0	INCHES
Overall Length	OL	241.0	INCHES
Bumper to Back of Cab	BBC	107.0	INCHES
Eff. Bumper to Back of Cab	EBBC	107.0	INCHES
Eff. Cab to Rear Axle	ECA	84.0	INCHES
Eff. Front Axle to Back of Cab	EAC	67.0	INCHES
Eff. Cab to End of Frame	ECEF	134.0	INCHES
Unladen Frame Height	FH	40.9	INCHES
Cab Height	CH	69.1	INCHES
Overall Height	OVH	110.0	INCHES
Driver CG	DCG	59.1	INCHES





VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY				
Description	Sales Code	Dwg Ref	Left Value(in)	Right Value(in)
Wheelbase	N/A	WB	151.0	151.0
Available Rail Space Right	N/A	ARSR	N/A	68.9
Available Rail Space Left	N/A	ARSL	58.8	N/A
Eff. Front Axle to Back of Cab	N/A	REF	67.0	67.0
Front Axle To Fender	001AA3	N/A	30.0	30.0
Battery Box	001AA3	N/A	0.0	25.0
50 GALLON (190 L) 22" ALUMINUM ROUND / TRUCK	288AC2 / 001AA3	N/A	41.0	0.0
Ad-Blue Tank	001AA3	N/A	0.0	6.0
Drive Tire Radius	901090	N/A	21.1	21.1



Top View image is intended for illustration purposes only and is not presented to scale. Wheelbase, Axle Spacing and After frame are not shown as specified, but are a representation. Customer Adaptation (CA) options and relocated components are not represented in these images. Most CA options impact the variation of the image, thus an image may not populate. Calculations are approximate to a tolerance of ± 4 inches due to component mounting variation. Certain chassis component options are NOT represented in the Top View image, such as, but not exclusive to, Front Frame Extensions, Fuel Water Separators, Air Dryers, PTOs, Fifth Wheels, Chassis Fairings, Toolboxes, Trailer Connections. For further information on these items and their respective locations on your specification, please refer to the data sheets associated with those items in the configurator.

MACK®



Mack Trucks
www.macktrucks.com

Quote

Rogers Manufacturing Company, Inc.

110 Transit Ave Nashville, TN 37210

Quote # 12431

Customer

Phone 615-244-9720 Fax 615-244-9719

Date 6/23/2025

Account # 859872

Quote Valid for 30 Days Sales Rep. JIM

WORLDWIDE EQUIPMENT

6614 WILBANKS RD

KNOXVILLE, TN 37912

Truck

MACK MD

Chassis ID

CA / CT

84"

Transmission

Allison 3000 Series

Axles

Single

Exhaust

Unknown

Horns on Cab

Unknown

Quoted To

Nikolas Peters

Owner

City of Jefferson City

Email

nikolas.peters@thetruckpeople

Chassis Arrival

Expected Completion

P.O.

F.O.B.

Nashville, TN

Body Reference

Group	Sub Group	Type	Description	Qty
Body	Model	R	R Series	1
	Length		10'-0"	
	Inside Width		7'-4"	
	Outside Width		8'-0"	
Floor	Material		7 Ga Hi Tensile Steel	
	Longitudinals		5" x 2" x 3/16" Longitudinal	
	Subframe		8" @ 11.5 lbs/ft channel	
	Crossmembers		4" @ 5.4 lbs/ft channel	
Sides	Height		30"	
	Material		10 Ga Hi Tensile Steel	
	Front Post		10 GA Hi Tensile	
	Side Post		10 GA Hi Tensile	
	Rear Post		7 GA Hi Tensile Steel	
	Top Rail		3 1/2" x 3 1/2" x 3/16"	
	Fenders		Formed rub rail w. deflectors between each side post	
	Fender Option		None	
	Board Pockets		Front and Rear	
	Center Lug		None	
	Top of Sides	Option	8" Wooden Side Board Painted Black	
	Steps		Flat bar steps and walk rod full length of body both sides	
Front	Material		10 GA Hi Tensile Steel	
	Cabshield		20" w/ built in windscreen	
	Exhaust		Factory provided turnouts/elbows	
Tailgate	Height		36"	
	Material		10 GA Hi Tensile Steel	
	Type		Standard 2 way	
	Slope		None, Straight	
	# of Panels		Standard	
	Hinges		Standard	

*Dealer / Customer to complete for Order

Chassis Model: _____ Last 6 of Vin: _____ Cab Height _____

Transmission: _____ CA/CT _____ Horns top of Cab: Yes or No

Exhaust Type: Single RH, Dual (turnouts), Duals (notched C/S), Horiz. under cab

Total

Quote

Rogers Manufacturing Company, Inc.

110 Transit Ave Nashville, TN 37210

Quote # 12431

Date 6/23/2025

Customer

Account # 859872

WORLDWIDE EQUIPMENT

6614 WILBANKS RD

KNOXVILLE, TN 37912

Phone 615-244-9720 Fax 615-244-9719

Quote Valid for 30 Days Sales Rep. JIM

P.O. #**F.O.B.** Nashville, TN**Body Reference #****Truck** MACK MD**Chassis ID #****CA / CT** 84"**Transmission** Allison 3000 Series**Axles** Single**Exhaust** Unknown**Horns on Cab** Unknown**Quoted To**

Nikolas Peters

Owner

City of Jefferson City

Email nikolas.peters@thetruckpeople**Chassis Arrival****Expected Completion**

Group	Sub Group	Type	Description	Qty
	T/G Chains	Option	Long Chains, Pins Inside	
	Controls		Air Latch	
	Latches		Forged Lower Latches	
	Apron / Spreader Lip		8", Bolt On	
Lights	Body Lights		LED Lights to meet FMVSS #108	
	Rear Stop/Turn		6" LED Oval, surface mount (1 on each rear post)	
	Marker Lights		Standard LED	
Paint	Color		Black	
Tarp	Manufacturer	Option	Donovan	
	Operation		Electric	
	Arms		Aluminum Curved	
	Cover Material		Vinyl	
Mud Flaps	Front		None	
	Rear		"Worldwide" rubber flaps	
Chassis / Hydraulics	PTO		Allison Automatic Trans PTO	
	Pump		Direct Mount w/ Shifter valve	
	Control - PTO		Air Shift	
	Control - Pump		Air Shift	
	Hoist		Front Mount Telescopic	
	Cylinder Base		Cylinder base in Subframe	
	Hydraulic Tank		Standard	
	Rear Hinge Assembly		Sub Frame Rear hinge assembly	
	Chassis Lights		Use Factory Existing	
	Back Up Alarm		Yes	
	Body Safety Support		Standard body supports	
Tractor Package		Option	Tractor Package	

*Dealer / Customer to complete for Order

Chassis Model: _____ Last 6 of Vin: _____ Cab Height _____

Transmission: _____ CA/CT _____ Horns top of Cab: Yes or No

Exhaust Type: Single RH, Dual (turnouts), Duals (notched C/S), Horiz. under cab

Total

\$24,475.00



FIRE DEPARTMENT
AGENDA ITEM REPORT

TO: City Council

FROM: Lee Turner, Chief

DATE: July 9, 2025

SUBJECT: Gas Detection System Replacement

BACKGROUND:

- The existing analog gas detection system at Fire Station 1 is no longer functioning properly and poses an ongoing safety risk to our personnel.

FISCAL IMPACT:

- After consultation with our current life safety vendor, SecuFire, we received a proposal to upgrade the system to a modern digital controller and sensor configuration at a total cost of \$9,169.40.
- Please see the attached quote titled 'Jefferson City FD – Gas Detection System Replacement' for detailed pricing and scope of work.

REQUEST/RECOMMENDATION:

We recommend performing this upgrade concurrently with the scheduled fire alarm replacement to minimize disruption and achieve labor cost savings.

ATTACHMENTS:

JC_Fire Department Gas Detection System Quote
Technical specifications: DGC6 & DT6 systems

DESCRIPTION

Highly configurable controller for up to 96 sensors distributed on a robust RS-485 bus. Programmed with user-friendly PC software or via front panel pushbuttons, the DGC6 can be used for single- or multi-zone applications with on-off or variable speed fan controls.

With advanced hardware and software diagnostics and certification to the rigorous EN 50545-1 international standard for parking garages and tunnels, the DGC6 redefines best-in-class performance for safety, reliability and energy efficiency.

The DGC6 controller operates in conjunction with DT6-, DR6- and DC6- sensors and sensor / controllers to provide cost effective solutions for any project. These EN 50545-1 certified field devices utilize advanced, self-diagnosing X-Change technology for maximum reliability and minimum life-cycle cost.

The addition of trunk repeater modules allow for flexible communication bus and power distribution routing.

APPLICATION

To control and alarm upon the presence of any toxic, combustible and refrigerant gases in parking garages, vehicle maintenance facilities, package distribution centers, tunnels, chiller/boiler rooms, laboratories, and more. The controller interfaces via binary outputs, 4-20 mA signals, and/or optional BACnet-IP and/or Modbus-RTU port with any compatible electronic control, DDC/PLC control or building automation system.

FEATURES

- Up to (96) PolyGard®2 digital sensors, or combination of PolyGard®2 digital sensors and 4-20 mA analog sensors
- Over (50) toxic, combustible and refrigerant gas sensors available in DT6-, DR6- and DC6-Series sensors and sensor/controllers
- User-friendly setup of ventilation zones and control / alarm thresholds
- Occupancy schedules and zone-based diagnostics (CA Title 24 Compliance)
- Four (4) programmable alarm thresholds per sensor
- Four (4) digital inputs
- Multiple alarm relays configurable per alarm
- Four-level password protection
- Latching mode alarms resettable via digital input
- Flexible sensor lockout function to prevent nuisance alarms during service
- Alarm actions on rising or falling sensor readings
- Personal computer connection for easy programming and program archiving
- Max. (32) SPDT alarm relays (local plus remote), dry contact, max. 250 VAC, 5 A
- Max. (96) signal relays (availability is determined by digital sensors on connected DC6 Controllers)
- Fault relay with SPST normally open contact, max. 250 VAC, 5 A
- Max. 16 analog outputs (local plus remote), 4-20 mA, with scalable signal output, supervised, for service mode, system or sensor faults, etc.
- Integrated warning horn for alarms and faults
- Data logging function, optional
- Modbus-RTU and/or BACnet-IP gateways, optional
- High-impact NEMA 4X (IP65) enclosure
- Hardware & software conforms to SIL 2 standard

PolyGard®2 DGC6



Enclosure "Type A"



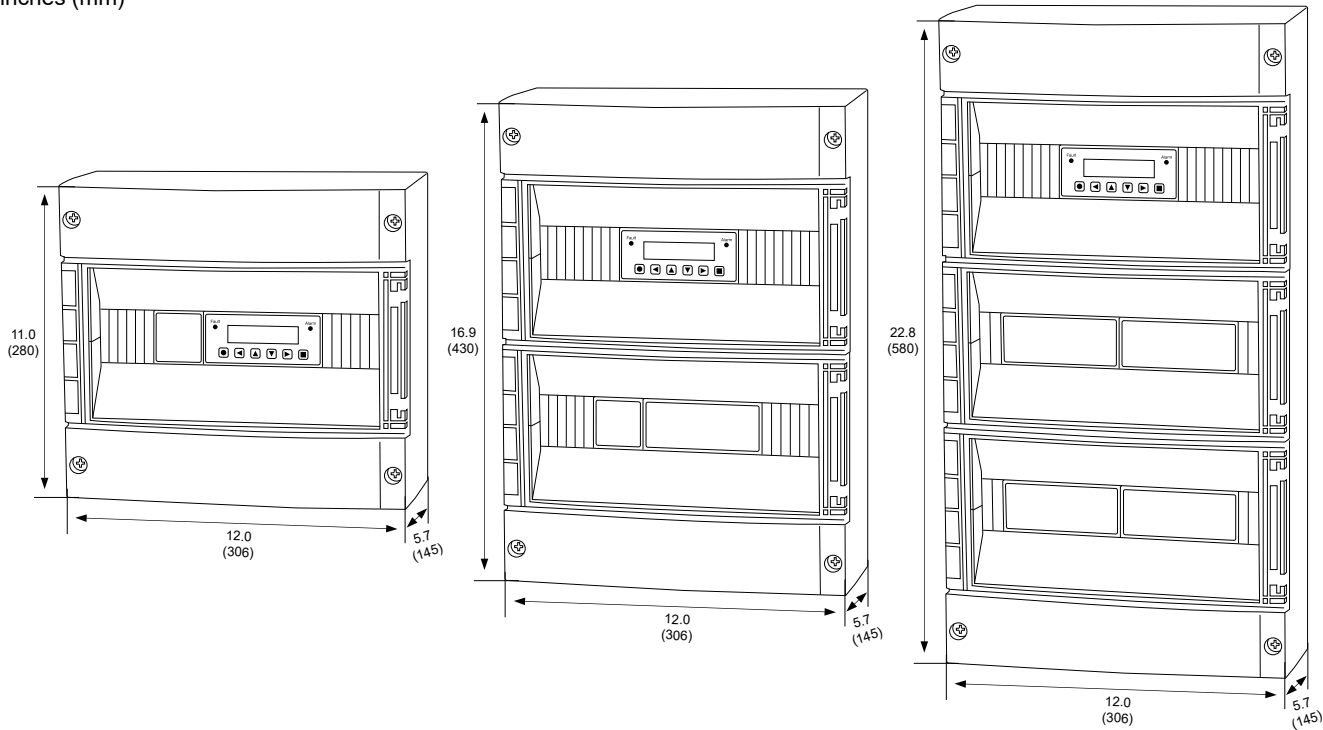
- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- EN 50545-1
- EN 50271
- EN 61010-1:2010
- ANSI/UL 61010-1
- CAN/CSA-C22.2 No. 61010-1
- City of Los Angeles Approved
- California Title 24 Compliant

SPECIFICATIONS

Electrical			
Power supply	110/230 VAC 50/60 Hz; 24 VDC ± 20%	- conforms to	UL Type 1, UL 508 / UL 50 standards
Power consumption (incl. sensors)	Min. 30 W, 0.15 A, Max. 160 W, 0.7 A Depending on type and configuration	- color	Light gray, smoked gray for cover
Device configuration	(96) PolyGard®2 digital sensors, or combination of PolyGard®2 digital sensors and 4-20 mA analog sensors	- protection	NEMA 4X (IP65)
Stage level / setpoint	Four (4) alarm thresholds per sensor input, assignable to current or mean (average) value	- installation	Wall (surface) mounted
Digital inputs	Four (4), each can be individually assigned to any relay	Cable entry, knock outs	10 holes for 1/2 in. conduit on top
- application	Remote audio/visual alarm reset or override function	Wire connections	Terminal blocks, Push-on connect and screw type for lead wire
Analog outputs configurable for each input	(16) max., local plus remote, proportional, overload and short-circuit- protected, ext. load resistance ≤ 500 Ω 4-20 mA = measuring range; 3.0 < 4 mA = under range; > 20-21.2 mA = over range; 2.0 mA = fault	Wire size	
Fault relay	(1) 250 VAC, 5 A, normally closed, dry contact, SPST	- power supply input	Min. 16 AWG (1.5 mm²) Max. 14 AWG (2.5 mm²)
Alarm relays	(32) max., local plus remote, 250 VAC, 5 A, normally open, dry contact, SPDT	- inputs/outputs	Min. 20 AWG (0.5 mm²) Max. 16 AWG (1.5 mm²)
Operation Interface		Enclosure type "A"	
LCD	Two lines, 16 characters each, illuminated	- dimensions (H x W x D)	11.0 x 12.0 x 5.7 in. (280 x 306 x 145 mm)
Status LED (4)	Green: Power-on Yellow: Fault (fail) Orange: 1 st Alarm Red: 2 nd Alarm	- weight	7.7 lb (3.5 kg)
Operation	Six (6) push-buttons	Enclosure type "B"	
Interface Field Bus		- dimensions (H x W x D)	16.9 x 12.0 x 5.7 in. (430 x 306 x 145 mm)
Transceiver	RS-485 / 19200 Baud	- weight	10.4 lb (4.7 kg)
Gases	Digital PolyGard®2 and analog sensors for toxic, combustible & refrigerant gases	Enclosure type "C"	
Environmental		- dimensions (H x W x D)	22.8 x 12.0 x 5.7 in. (580 x 306 x 145 mm)
Permissible ambient		- weight	13.9 lb (6.2 kg)
- working temperature	23°F to 104°F (-5°C to 40°C)	Audible Alarm (Buzzer)	Built-in
- storage temperature	-4°F to 104°F (-20°C to 40°C)	Acoustic pressure	85 db (distance 10 ft)
- humidity	15 to 95% RH, non-condensing	Frequency	3.5 kHz
- working pressure	Atmospheric + 10%	Conforms to	EMC Directive 2014/30/EU Low Voltage Directive 2014/35/EU EN 50545-1, EN 50271 EN 61010-1:2010 ANSI/UL 61010-1 CAN/CSA-C22.2 No. 61010-1 City of Los Angeles California Title 24
Physical			Two years material and workmanship
Enclosure (panel)		Warranty	
- material	Polycarbonate, impact resistance EN 50102/IK08, flammability rating UL 94-5V	OPTIONS	
		Data Logger	Storage of measured values, of alarm status and faults with time and date stamp on an USB flash drive; log rate adjustable from 10 to 10,000 sec; output of the data in standard Excel format
		Interface Modbus-RTU	Transmission of current and average values, alarm and relay status, and analog output states in Modbus-RTU RS-485 protocol to external devices
		Interface BACnet-IP	Technical data, function and protocol see datasheet C6-BAC
		Keylock	"GC-LOCK"; keylock order separately per Encl Type: A=1, B=2, C=3

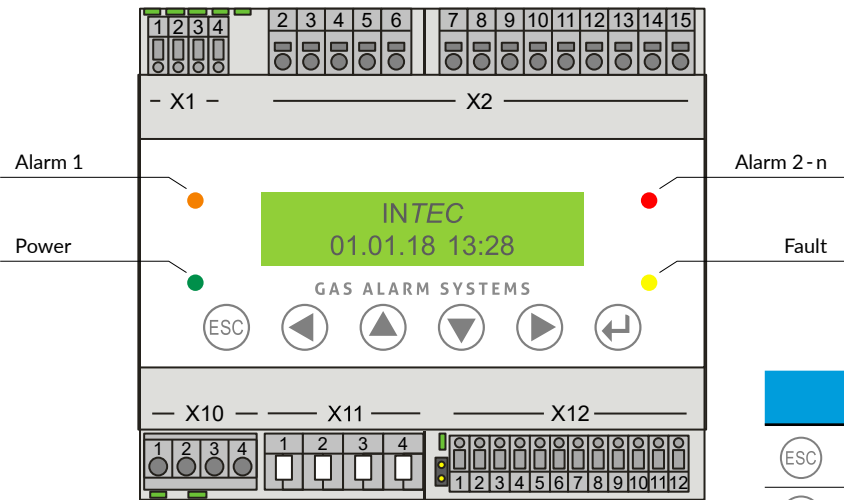
DIMENSIONS

inches (mm)



USER INTERFACE & CONTROLLER

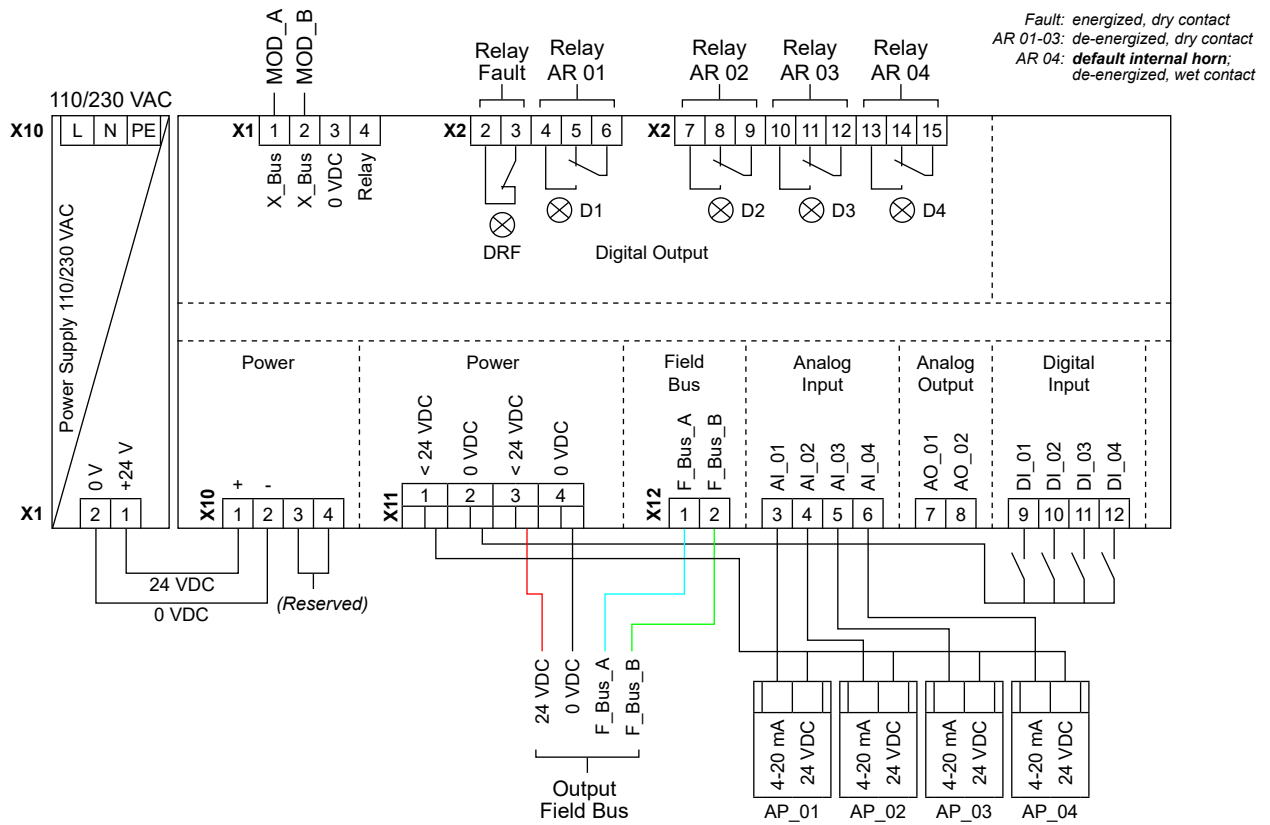
GC-06 Built-in Controller Programming Module



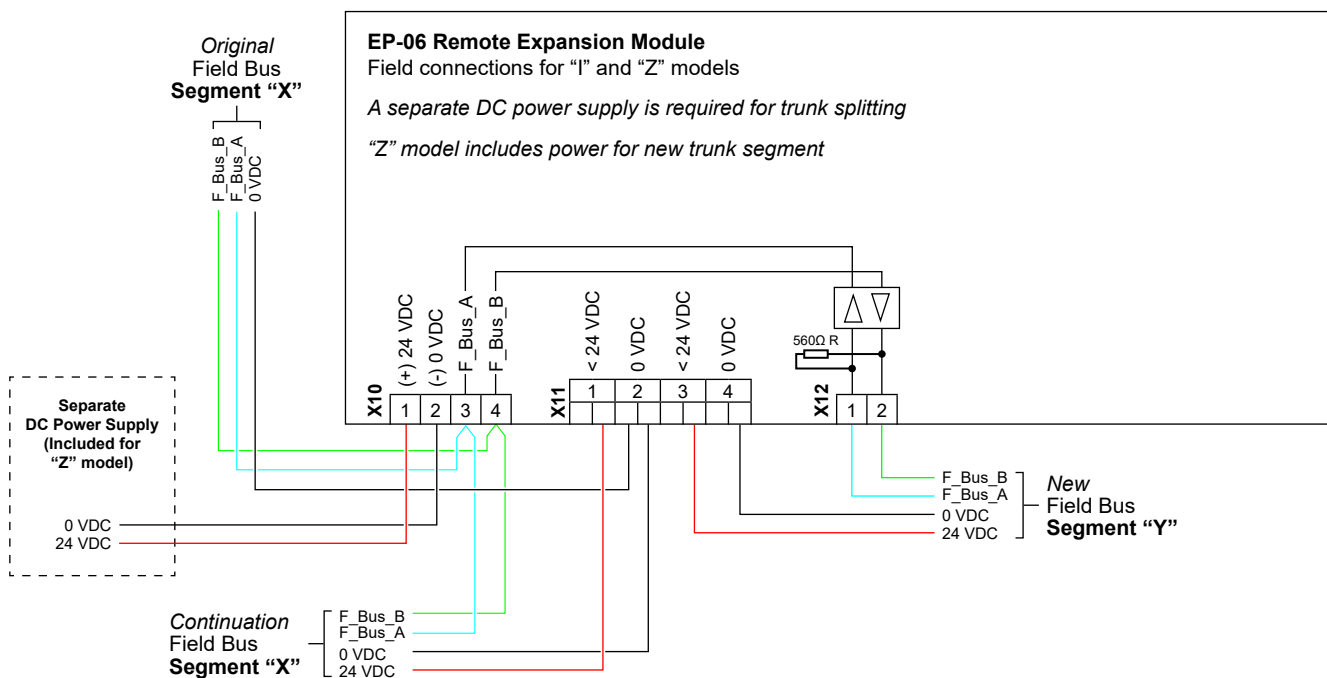
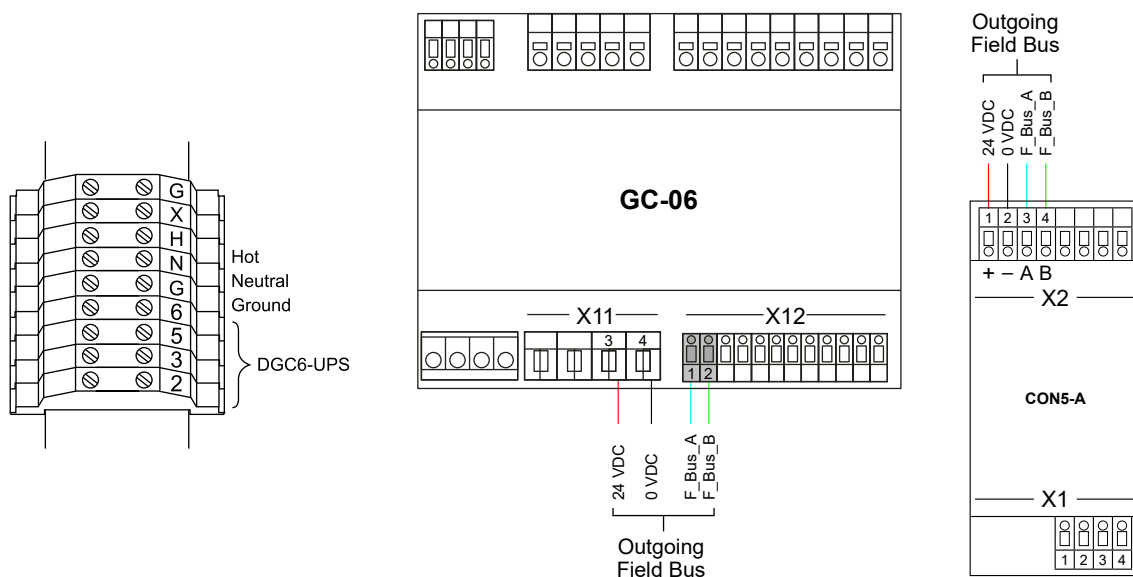
KEYPAD FUNCTIONS	
See DGC6 User Manual for Guidance	
	<ul style="list-style-type: none">Exits programmingReturns to the previous menu level
	<ul style="list-style-type: none">Enters sub menusSaves parameter settings
	<ul style="list-style-type: none">Scrolls up and down within a menuChanges a value
	<ul style="list-style-type: none">Moves the cursor position

WIRING CONFIGURATION

GC-06



FIELD BUS CONNECTIONS



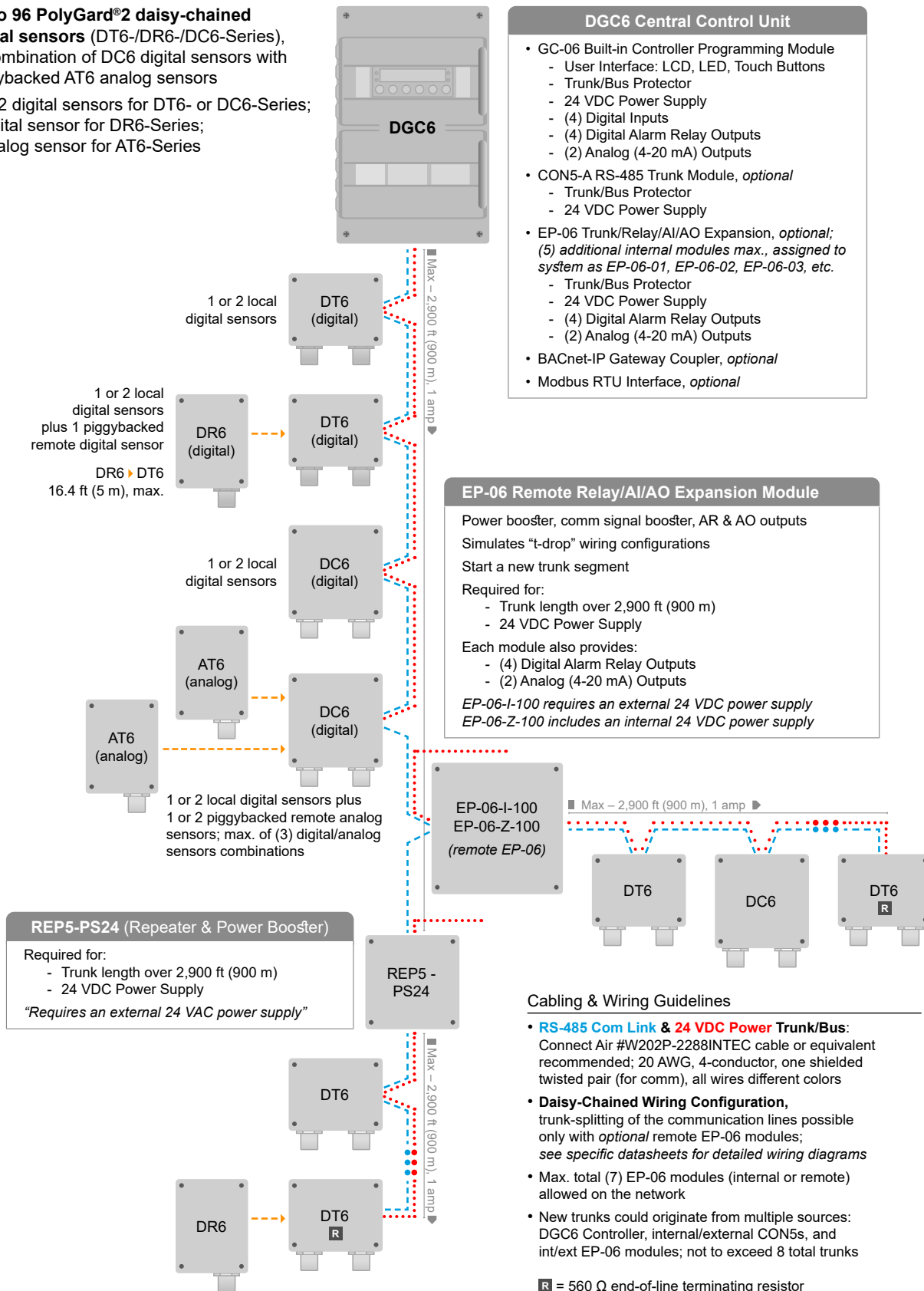
PolyGard®2 DGC6 Multi-Point RS-485 Digital Gas Detection and Control System Network Overview

Up to 96 PolyGard®2 daisy-chained digital sensors (DT6-/DR6-/DC6-Series), or combination of DC6 digital sensors with piggybacked AT6 analog sensors

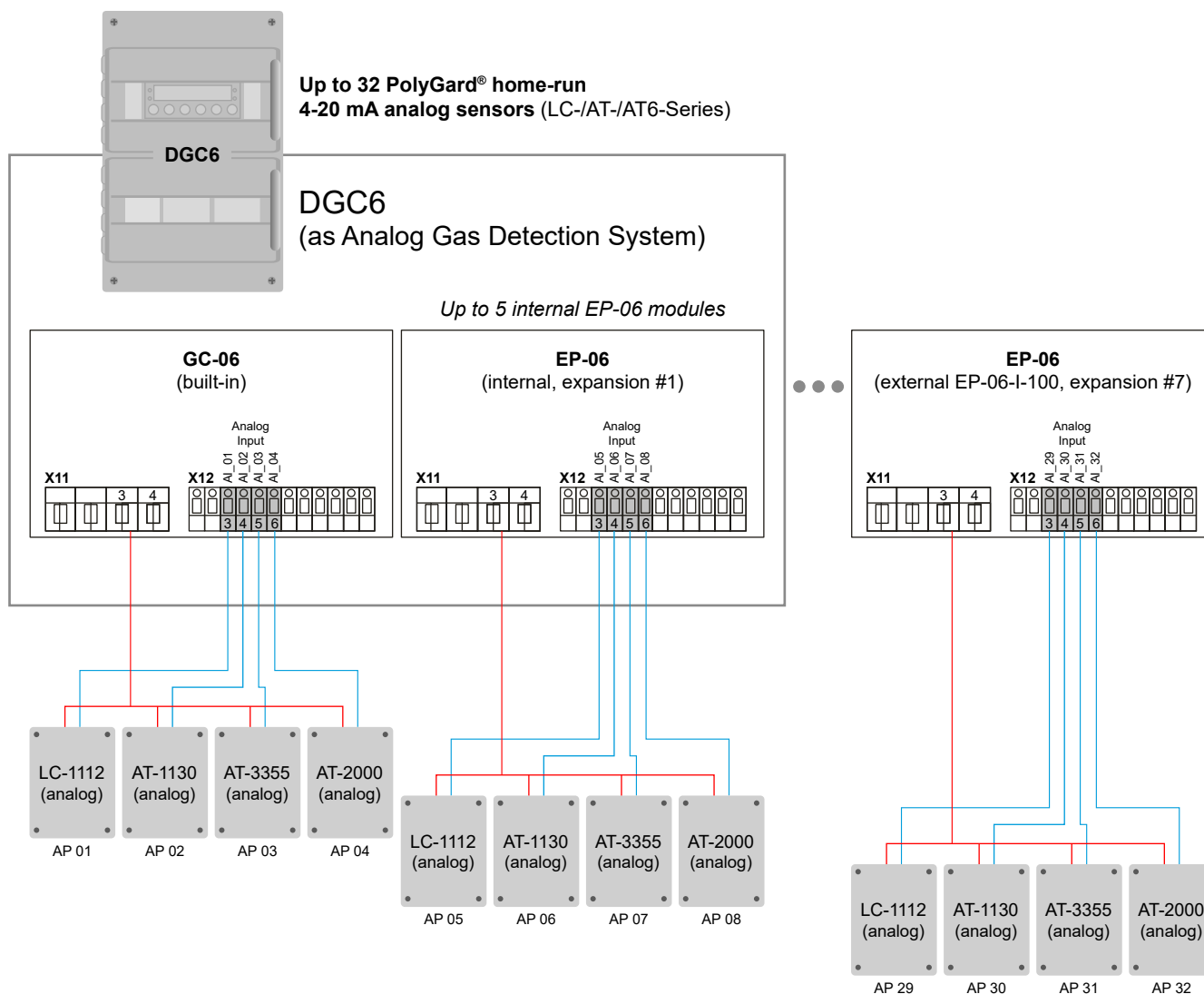
1 or 2 digital sensors for DT6- or DC6-Series;

1 digital sensor for DR6-Series;

1 analog sensor for AT6-Series



PolyGard®2 DGC6 Multi-Point Analog Gas Detection and Control System Network Overview



Cabling & Wiring Guidelines

- Analog Link & 24 VDC Power Trunk/Bus:**
4-20 mA signal devices; two wires, different colors
- Home-run Wiring Configuration Only**
- Max. total (7) EP-06 modules (internal & external) allowed; not to exceed 8 total trunks

External
Part # EP-06-I-100

Address Assignment Table EP-06 Modules

EP Number	EP Address	AP Address	Relay Number	Analog Output Number
01	01	05-08	05-08	03-04
02	02	09-12	09-12	05-06
03	03	13-16	13-16	07-08
04	04	17-20	17-20	09-10
05	05	21-24	21-24	11-12
06	06	25-28	25-28	13-14
07	07	29-32	29-32	15-16

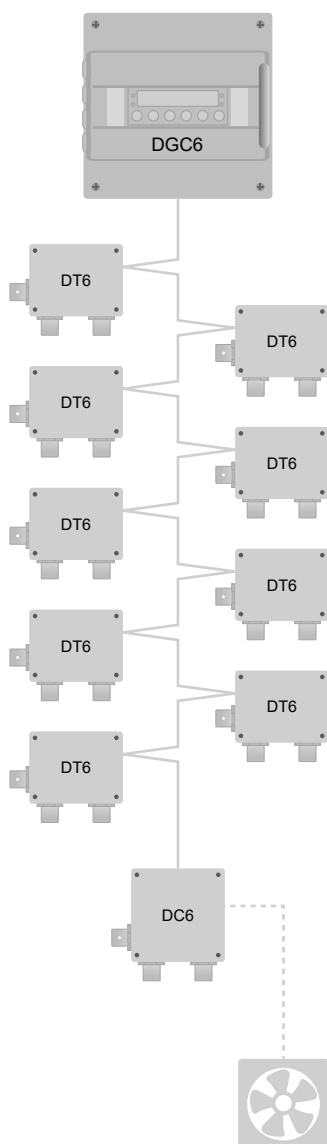
TYPICAL SYSTEM CONFIGURATIONS

**One Floor
Single Ventilation Zone**

- CO and NO₂
- ~50,000 sqft / 200 parking spaces

Part Numbers

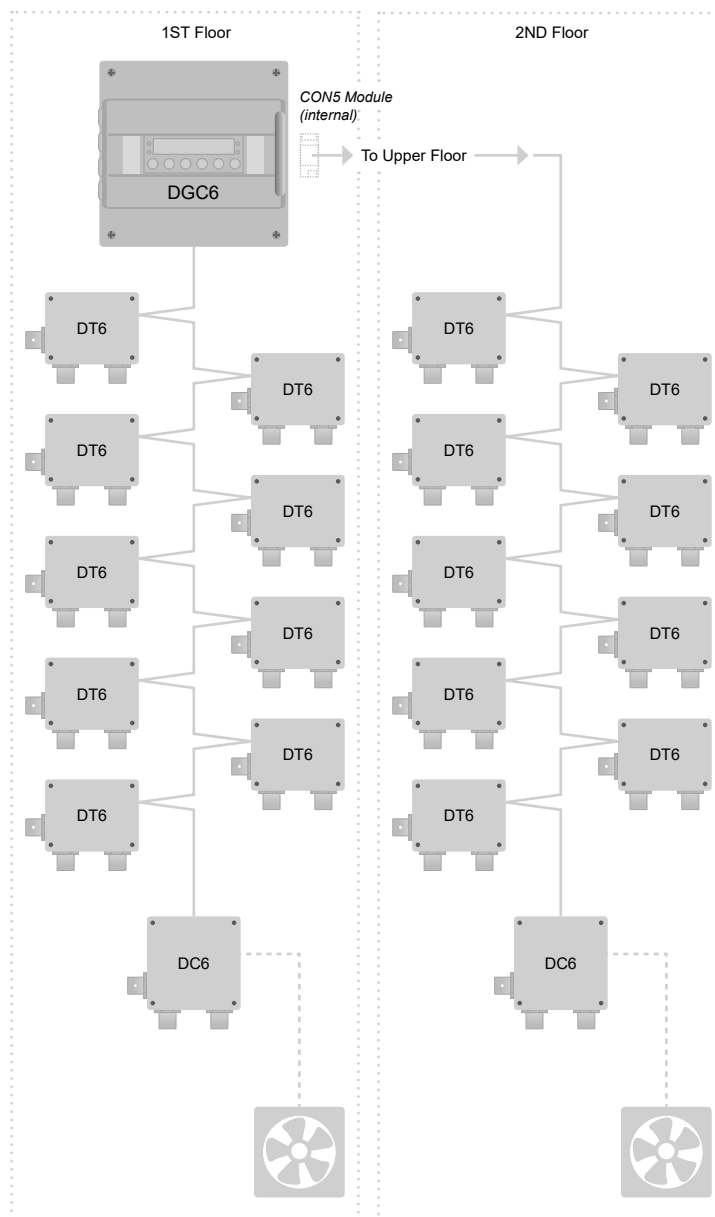
- (1) DGC6-A-00-0000US
– Digital Gas Controller
- (9) DT6-E1110-E-E1130-B-32
– CO/NO₂ Combo w/Horn+LED option
- (1) DC6-E1110-E-E1130-B-43
– CO/NO₂ Combo w/Horn+LED option


**Two Floors
Two Ventilation Zones**

- CO and NO₂
- ~100,000 sqft / 400 parking spaces

Part Numbers

- (1) DGC6-A-00-1000US
– Digital Gas Controller + (1) CON5 Module
- (18) DT6-E1110-E-E1130-B-32
– CO/NO₂ Combo w/Horn+LED option
- (2) DC6-E1110-E-E1130-B-43
– CO/NO₂ Combo w/Horn+LED option

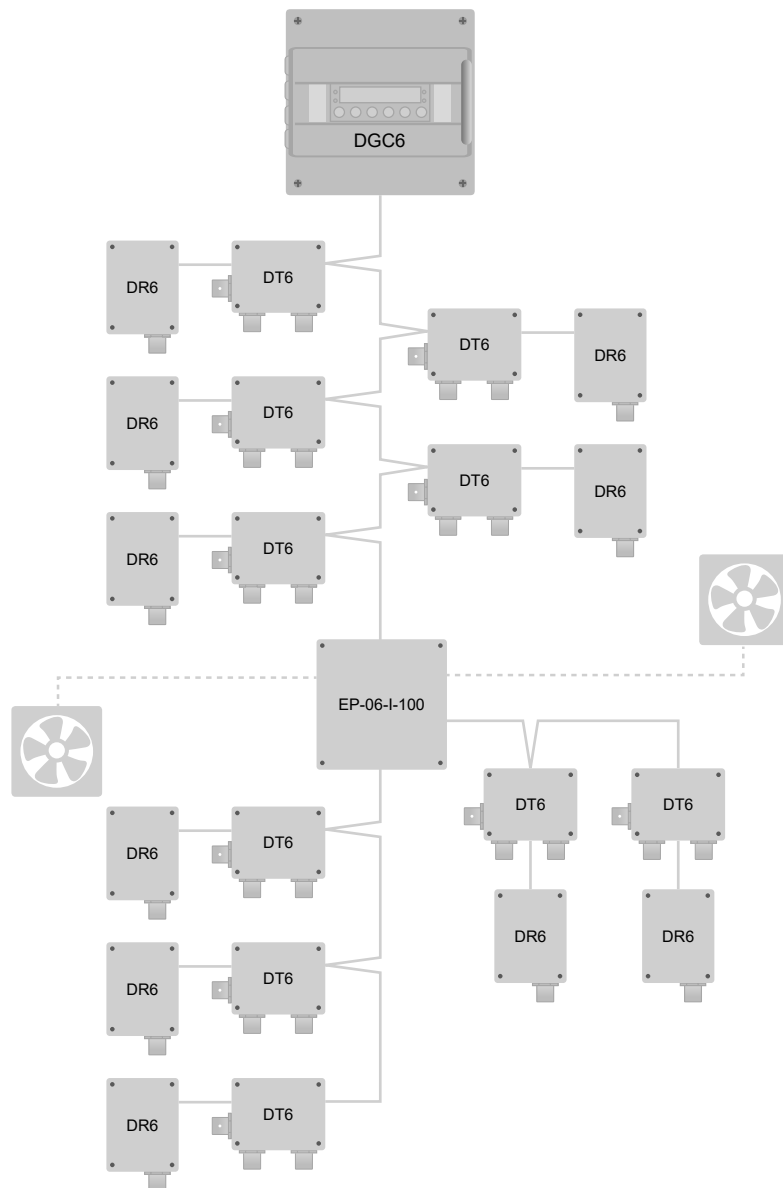


TYPICAL SYSTEM CONFIGURATIONS (CONT...)
**Package Sorting Facility
One Ventilation Zone**

- CO and NO₂ and Methane
- ~XXXX sqft / XXXX parking spaces

Part Numbers

- | | | |
|------|------------------------|--|
| (1) | DGC6-A-00-0000US | – Digital Gas Controller |
| (10) | DT6-E1110-E-E1130-B-32 | – CO/NO ₂ Combo w/Horn+LED option |
| (10) | DR6-P3400-A | – Methane |
| (1) | EP-06-I-100 | – Remote Relay/AI/AO Expansion Module |



ORDERING INFORMATION

DGC6 - X - 0X - XXXXUS

Communication Gateway Options				
		SU Req.		
00*	No Option	0		
B1	BACnet-IP	1		
B2	(See Table for Max I/O)	1		
M0	Modbus-RTU (Internal)	0		

* Standard

Data Logging				
		SU Req.		
0*	No Option	0		
L	Data Logging	0		

* Standard

RS-485 Serial Port/Trunk Connections				
		SU Req.		
0*	Built-in (1) Trunk Module	0		
1 - 7	CON5 Module	1 per		

If desiring additional trunk with relays add EP-06 instead; not to exceed 8 total trunks
 * Standard

EP-06 Trunk/Relay/AO/AI Expansion Modules				
	Alarm Relays	Analog Outputs	Analog Inputs	SU Req.
0*	04	02	04	0
1	08	04	08	3
2	12	06	12	6
3	16	08	16	9
4	20	10	20	12
5	24	12	24	15

Each EP-06 Expansion Module provides (4) Alarm Relays, (2) Analog Outputs and (4) Analog Inputs; (5) local modules within DGC6 possible
If desiring just additional trunk add CON5 instead; not to exceed 8 total trunks
 * Standard

Enclosure Type			
			Space Unit (SU) Available, Max.
A*	1 DIN Rail / 1 Window (Encl-A) "Small"		3
B	2 DIN Rails / 2 Windows(Encl-B) "Medium"		9
C	3 DIN Rails / 3 Windows(Encl-C) "Large"		15

* Standard

BACnet-IP Options		
	B1	B2*
Digital Gas Sensors	96	75
Analog Inputs	32	0
Signal Relays	0	75
Alarm Relays	32	32
Analog Outputs	16	16
Failure Relay	1	1

* Adding a B2 gateway will reduce the total number of sensors on the network from 96 to 75 max.

Ordering Guide Steps

1) **EP-06 Relay/AO Expansion Modules and Trunks.** Determine the number of Alarm Relays and Analog Outputs and choose the appropriate (additional) EP-06 Expansion Modules and Trunks. Note the Space Units (SU) required.

2) **Communication Gateway and other options.** Include a Communication Gateway if needed; a BACnet gateway occupies "1" Space Unit, while a Modbus gateway will be integrated with the main controller module and requires "0" Space Unit. Data Logger requires "0" Space Unit.

3) **Enclosure Type.** Sum the Space Units from Step 1 and Step 2, and choose an adequate enclosure.

Example - Ordering Part Number:

DGC6-A-00-2LB1US

Configuration includes:

Housing: • Encl-A "Small",
11.0 x 12.0 x 5.7 in.

ARs/AOs: • (0) Standard,
(4) Alarm Relays, max.,
(2) Analog Outputs, max.

Trunks: • (2) CON5 Modules; 3 Total Trunks

D/L: • Data Logging

Gateway: • BACnet-IP, B1

"GC-LOCK" – Keylock Order Separately	
1	Keylock with 2 Keys for Encl-A
2	Keylock with 2 Keys for Encl-B
3	Keylock with 2 Keys for Encl-C

DESCRIPTION

Digital RS-485 communicating, addressable toxic and combustible gas sensor for direct connection to the DGC6-Series Digital Gas Controller.

Compliant with Safety Integrity Level 2 (SIL 2) and rigorous international standard EN 50545-1 for parking garages and tunnels, DT6-Series sensors utilize advanced self-diagnostics and flexible ventilation control functions to ensure maximum human safety without compromising energy efficiency.

Each DT6 may be configured with one or two integrated SC2 sensor modules with X-Change sensor technology. An additional DR6 remote sensor module may “piggyback” onto the DT6 providing the capability to monitor up to three gases at one location.

Advanced, microprocessor-based X-Change sensor modules meet or exceed the EN 50545-1 and EN 378 self-diagnostic standards, including notifying the controller when calibration is due. MPS sensors are also available, offering a 15-year, maintenance-free lifespan.

APPLICATION

DT6 transmitters, in combination with DGC6 Digital Gas Controllers, provide scalable solutions for monitoring and controlling toxic and/or combustible gas and refrigerant levels. The DT6 allows monitoring of up to two separate gases or refrigerants. The transmitters are economical electrochemical sensors.

FEATURES

- Sensor node for 1, 2, or 3 gas sensor modules (3rd sensor with DR6 remote module)
- X-Change toxic and combustible gas sensor modules for reliable operation and easy maintenance
- RS-485 serial communications to DGC6-Series Digital Gas Controllers
- Digital measurement processing with temperature compensation
- Internal diagnostics including integrated hardware watchdog
- High-impact NEMA 4X (IP65) enclosure
- Hardware & software conforms to SIL 2 standard

PolyGard®2 DT6



- UL 2075 Listed
- EMC Directive 2014/30/EU
- CE
- EN 50271
- EN 61010-1:2010
- ANSI/UL 61010-1
- CAN/CSA-C22.2 No. 61010-1
- City of Los Angeles Approved

SPECIFICATIONS

Electrical

Power supply	16-29 VDC, polarity protected
Power consumption	24 VDC
- base	6 mA
- sensors	See SC2 datasheet
- horn & status LED	5 mA, max.
Output for local bus	5 VDC, 250 mA max. Overload, short-circuit and polarity protected

Output signal for serial communication	Digital, RS-485, proprietary DGC6 protocol, 19200 baud
---	--

Sensors

- performance	See SC2 datasheet for specific gases
- coverage	See SC2 datasheet for specific gases
- storage time	6 months (for sensor elements)

Environmental

Permissible ambient	See SC2 datasheet for specific gases
---------------------	---

Serial interface

- local bus	plug connector / 19200 Baud
- field bus	RS-485 / 19200 Baud
- tool bus	2-wire / 19200 Baud

Physical

Enclosure "A", standard	
- material	Polycarbonate, UL 94-HB, fire retardant UL 50
- conforms to	Light gray
- color	NEMA 4X (IP65)
- protection	Wall (surface) mounted, or single gang electrical box; mounted vertically for single gas sensor and horizontally for dual gas sensor
- installation	

Dimensions (H x W x D)

- base unit	5.12 x 3.70 x 2.25 in. (130 x 94 x 57 mm)
-------------	--

Cable entry, knock out	1 hole (long side) for 1/2 in. conduit, closed w/screwed "plug"
------------------------	--

Wire connection

- field bus	Screw-type removable terminal; 24 AWG (0.25 mm ²), min. 14 AWG (2.5 mm ²), max.
-------------	---

- local bus (SC2)	3-pin removable connector
-------------------	---------------------------

Cable lengths local bus for Remote Sensor Board	16.4 ft (5 m), max.
--	---------------------

Weight	0.7 lb (0.3 kg)
--------	-----------------

Certified to

UL 2075 Listed,
NRTL performance tested
for models DT6-E1110-E-02,
DT6-E1110-E-E1130-B-02,
DT6-E1110-E-E1130-B-32

Conforms to

EMC Directive 2014/30/EU
CE
EN 50271, EN 61010-1:2010
ANSI/UL 61010-1
CAN/CSA-C22.2 No. 61010-1
City of Los Angeles
Two years material and
workmanship,
12 months normal exposure for
sensor element

Warranty

OPTIONS & ACCESSORIES

Horn & Status LED

Configurable to local thresholds set at this unit	
- acoustic pressure	> 85 dB (A) (dist. 0.1 m / 0.3 ft)
- frequency	2300 Hz
- protection class	NEMA 4X (IP65)

Status LED

- color / mode	Red = Alarm
- protection class	NEMA 4X (IP65)

Duct Mounting Kit

- flow rate	PG2-DUCTKIT Min. 3.1 mph (5000 m/h), max. 12.4 mph (20,000 m/h)
- air duct diameter	Min. 3.94 in. (0.1 m), max. 39.37 in. (1.0 m)
- length of sampling tube	9.84 in. (250 mm), adaptable
- hose length	2 x 39.37 in. (1000 mm)

Calibration Kits

- carbon monoxide	CALKIT-PG2-CO Sensor calibration adapter w/ tube and cup, 500 mL/min. regulator, 17L 200 ppm carbon monoxide, 17L 99.99% nitrogen, carrying case
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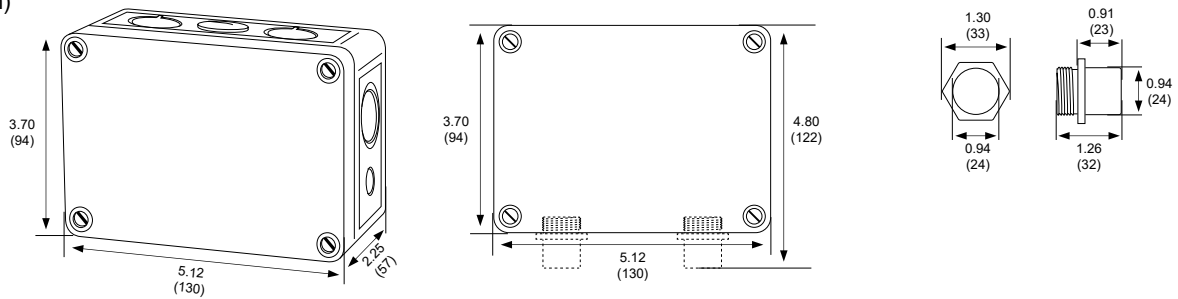
- combustible gases	CALKIT-PG2-COMB Sensor calibration adapter w/ tube and cup, 150 mL/min. regulator, 17L 2.5% methane, 17L 99.99% nitrogen, carrying case
---------------------	---

- nitrogen dioxide	CALKIT-PG2-NO2 Sensor calibration adapter w/ tube and cup, 500 mL/min. regulator (stainless steel), 70L 10 ppm nitrogen dioxide, 70L 99.99% nitrogen, carrying case
--------------------	--

- carbon monoxide & nitrogen dioxide	CALKIT-PG2-CO-NO2 Sensor calibration adapter w/ tube and cup, 500 mL/min. regulator (for CO), 500 mL/ min. regulator (stainless steel, for NO2), 17L 200 ppm carbon monoxide, 70L 99.99% nitrogen, 70L 10 ppm nitrogen dioxide, and (2) carrying cases
---	---

DIMENSIONS

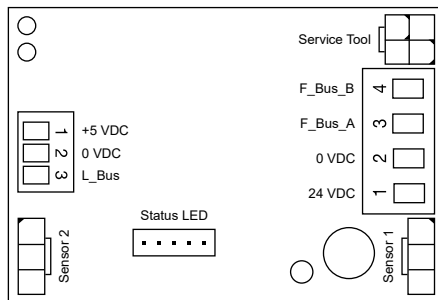
inches (mm)



Mounting Recommendation		Vertical for single gas sensor
		Horizontal for dual gas sensor
		Horizontal for dual gas sensor with <i>optional</i> Horn & Status LED

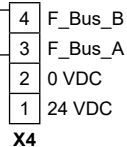
WIRING CONFIGURATION

DT6 Sensor Board

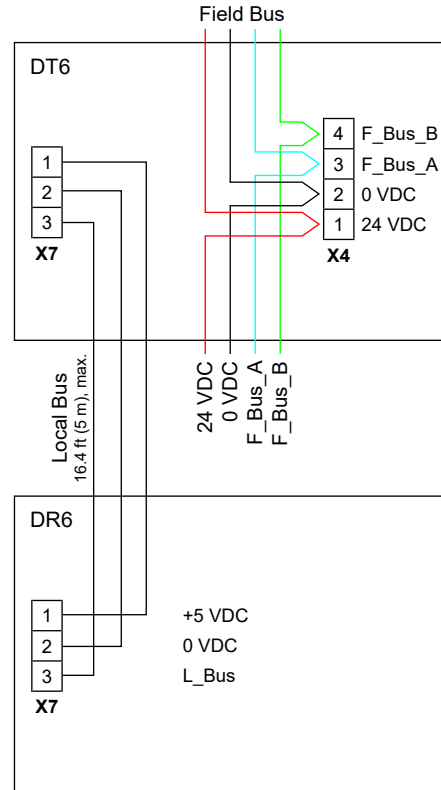


DT6 Last Device on Trunk Segment

If this DT6 is the last device on a PG2 trunk segment, use a 560 Ω resistor at terminal X4 pins 3 and 4.



DT6 with piggybacked DR6 remote transmitter



ORDERING INFORMATION

PART NUMBER	DESCRIPTION
BUNDLED SENSORS AND CONTROLS	
DT6-E1110-E-02	DT6, DGC6 Protocol, (1) 0-250 ppm CO sensor
DT6-E1110-E-E1130-B-02	DT6, DGC6 Protocol, (1) 0-250 ppm CO sensor, (1) 0-20 ppm NO ₂ sensor
DT6-E1110-E-E1130-B-32	DT6, DGC6 Protocol, (1) 0-250 ppm CO sensor, (1) 0-20 ppm NO ₂ sensor, Horn & status LED
SENSOR PLATFORM	
DT6-02	DT6, DGC6 Protocol, up to (3) sensor inputs capable; includes "A" enclosure; sensor cartridges ordered separately
□□□-3□	<u>OPTION:</u> Horn & status LED

SC2 Sensor Cartridges available separately.
See SC2 datasheet for specifications.

The DT6 accepts up to (2) SC2 Sensor Cartridges simultaneously.

In a 2-sensor configuration, both sensor modules (a) must have the same mounting height requirements and (b) sensor-1 and sensor-2 module cannot be identical part numbers.

A 3-sensor configuration is possible with a remote DR6. The DR6's chosen sensor module cannot be an identical part number to ones that already exists on the connected DT6 transmitter.

Gas Sensor & Range				
#	TOXIC GASES AND OXYGEN			Mounting Height (ft)
E1110-E	Carbon Monoxide	CO	0-250 ppm	5-6
E1110-F	Carbon Monoxide	CO	0-300 ppm	5-6
E1130-A	Nitrogen Dioxide	NO ₂	0-10 ppm	5-6
E1130-B	Nitrogen Dioxide	NO ₂	0-20 ppm	5-6
E1130-C	Nitrogen Dioxide	NO ₂	0-30 ppm	5-6
E1130-D	Nitrogen Dioxide	NO ₂	0-500 ppm	5-6
E1125-A	Ammonia	NH ₃	0-100 ppm	Ceiling
E1125-B	Ammonia	NH ₃	0-300 ppm	Ceiling
E1125-C	Ammonia	NH ₃	0-500 ppm	Ceiling
E1125-D	Ammonia	NH ₃	0-1000 ppm	Ceiling
E1193-C	Chlorine	Cl ₂	0-10 ppm	Floor
E1189-C	Ethylene	C ₂ H ₄	0-200 ppm	5-6
E1185-B	Formaldehyde	CH ₂ O	0-10 ppm	Floor
E1183-C	Hydrogen Cyanide	HCN	0-100 ppm	Ceiling
E1197-A	Hydrogen Sulfide	H ₂ S	0-50 ppm	Floor
E1195-A	Oxygen	O ₂	0-25 Vol%	5-6
E1190-A	Ozone	O ₃	0-5 ppm	Floor
E1196-B	Sulfur Dioxide	SO ₂	0-20 ppm	Floor
#	INFRARED SENSORS <i>(Incompatible with DR6 module)</i>			Mounting Height (ft)
I1164-B	Carbon Dioxide	CO ₂	0-5 Vol%	5-6
I1164-C	Carbon Dioxide	CO ₂	0-2 Vol%	5-6
#	COMBUSTIBLE GASES			Mounting Height (ft)
P3485-A	Acetone	C ₃ H ₆ O	0-100% LEL	Floor
P3408-A	Ammonia	NH ₃	0-100% LEL	Ceiling
P3460-A	Butane	C ₄ H ₁₀	0-100% LEL	Floor
P3472-A	Cyclopentane	C ₅ H ₁₀	0-100% LEL	Floor
P3427-A	Ethyl Acetate	C ₄ H ₈ O ₂	0-100% LEL	Floor
P3425-A	Ethyl Alcohol	C ₂ H ₅ OH	0-100% LEL	Floor
P3410-A	Ethylene	C ₂ H ₄	0-100% LEL	Ceiling
P3496-A	Gasoline Vapors	-	0-100% LEL	-
P3491-A	Heptane	C ₇ H ₁₆	0-100% LEL	Floor
P3435-A	Hexane	C ₆ H ₁₄	0-100% LEL	Floor
P3440-A	Hydrogen	H ₂	0-100% LEL	Ceiling
P3476-A	Isopentane	C ₅ H ₁₂	0-100% LEL	Floor
P3482-A	Isopropyl Alcohol	C ₃ H ₈ O	0-100% LEL	Floor
P3402-A	LPG	-	0-100% LEL	-
P3400-A	Methane	CH ₄	0-100% LEL	Ceiling
P3450-A	Methanol	CH ₃ OH	0-100% LEL	Floor
P3458-A	Methyl Ethyl Ketone	C ₄ H ₈ O	0-100% LEL	Floor
P3475-A	Pentane	C ₅ H ₁₂	0-100% LEL	Floor
P3480-A	Propane	C ₃ H ₈	0-100% LEL	Floor
P3480-C	Propane	C ₃ H ₈	0-5000 ppm	Floor
P3484-A	Propyl Alcohol	C ₃ H ₈ O	0-100% LEL	Floor
P3490-A	Toluene	C ₇ H ₈	0-100% LEL	Floor

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Gas Sensor & Range			
#	REFRIGERANTS		Mounting Height (ft)
S2064-01-A	R123	- 0-2000 ppm	Floor
S2063-08-A	R1233zd	- 0-2000 ppm	Floor
S2063-01-A	R1234yf	- 0-2000 ppm	Floor
S2063-07-A2	R1234ze	- 0-2000 ppm	Floor
S2080-01-A	R125	- 0-2000 ppm	Floor
S2077-01-A	R134a	- 0-2000 ppm	Floor
S2080-10-A	R143a	- 0-2000 ppm	Floor
S2070-01-A	R22	- 0-2000 ppm	Floor
S2061-01-A	R23	- 0-2000 ppm	Floor
S2080-02-A	R32	- 0-2000 ppm	Floor
S2070-02-A	R401a	- 0-2000 ppm	Floor
S2070-03-A	R401b	- 0-2000 ppm	Floor
S2070-04-A	R402a	- 0-2000 ppm	Floor
S2070-05-A	R402b	- 0-2000 ppm	Floor
S2070-06-A	R403a	- 0-2000 ppm	Floor
S2080-03-A	R404a	- 0-2000 ppm	Floor
S2077-02-A	R407a	- 0-2000 ppm	Floor
S2080-04-A	R407c	- 0-2000 ppm	Floor
S2077-11-A	R407f	- 0-2000 ppm	Floor
S2070-07-A	R408a	- 0-2000 ppm	Floor
S2070-08-A	R409a	- 0-2000 ppm	Floor
S2080-05-A	R410a	- 0-2000 ppm	Floor
S2070-09-A	R411a	- 0-2000 ppm	Floor
S2077-03-A	R416a	- 0-2000 ppm	Floor
S2077-04-A	R417a	- 0-2000 ppm	Floor
S2077-05-A	R422a	- 0-2000 ppm	Floor
S2077-06-A	R422d	- 0-2000 ppm	Floor
S2077-07-A	R427a	- 0-2000 ppm	Floor
S2080-06-A	R434a	- 0-2000 ppm	Floor
S2077-08-A	R437a	- 0-2000 ppm	Floor
S2077-09-A	R438a	- 0-2000 ppm	Floor
S2080-08-A	R448a	- 0-2000 ppm	Floor
S2077-10-A	R449a	- 0-2000 ppm	Floor
S2077-12-A	R450a	- 0-2000 ppm	Floor
S2063-02-A	R452a	- 0-2000 ppm	Floor
S2080-09-A	R452b	- 0-2000 ppm	Floor
S2063-06-A	R454b	- 0-2000 ppm	Floor
S2063-04-A	R454c	- 0-2000 ppm	Floor
S2063-05-A	R455a	- 0-2000 ppm	Floor
S2080-07-A	R507a	- 0-2000 ppm	Floor
S2061-02-A	R508b	- 0-2000 ppm	Floor
S2063-03-A	R513a	- 0-2000 ppm	Floor
S2020-04-A	R1234yf	- 0-50 % LEL (LFL)	Floor
S2020-05-A2	R1234ze	- 0-50 % LEL (LFL)	Floor
S2020-01-A	R32	- 0-50 % LEL (LFL)	Floor
S2020-03-A	R454b	- 0-50 % LEL (LFL)	Floor
S2020-02-A	R455a	- 0-50 % LEL (LFL)	Floor

ACCESSORIES	
PG2-DUCTKIT	(1) Duct mounting kit for SC2 / AT6 sensor
CALKIT-PG2-CO	Carbon monoxide calibration kit for SC2 / AT6 sensors
CALKIT-PG2-COMB	Combustible calibration kit for SC2 / AT6 sensors
CALKIT-PG2-NO2	Nitrogen dioxide calibration kit for SC2 / AT6 sensors
CALKIT-PG2-CO-NO2	CO & NO2 calibration kit for SC2 / AT6 sensors

MPST™ Sensors

For PolyGuard®2 and PolyXeta®2

- 15+ years service life
- Low power consumption
- High accuracy, linearity, repeatability and stability
- Integrated environmental compensation (pressure, humidity and temperature)
- Integrated self-testing and fault management
- Highly resistant to poisoning

Available Gases:

R-32 | R-1234ze | Methane | Propane | Acetylene*Ask your account executive to learn more!*



FIRE DEPARTMENT AGENDA ITEM REPORT

TO: City Council

FROM: Lee Turner, Fire Chief

DATE: July 8, 2025

SUBJECT: Hazardous Materials Education Program (HMEP) Grant

BACKGROUND:

- The Jefferson City Fire Department has been awarded a HMEP Grant and is requesting to purchase grant items. The grant funds must be spent prior to August 31, 2025.

FISCAL IMPACT:

- The Grant requires a 20% match, which can be covered through personnel costs, direct match in purchasing or in-kind.
- The total amount of the grant is for up to \$81,000, with a match of \$16,200.

REQUEST/RECOMMENDATION:

The fire department is requesting City Council waive sealed bidding requirements due to the equipment being purchased from GSA or single source bidders.

ATTACHMENTS:

Items/Services to be purchased with the HMEP Grant.

Jefferson City Fire Department

Section 5, Item c.

HMEP Grant Items

2023 HMEP	IAFC	Haz Mat Conference	\$7,500.00
2024 HMEP	Flow Stop	Pump Caddy	\$3,500.00
2024 HMEP	Flow Stop	Air Drill Kit	\$535.00
2024 HMEP	Flow Stop	SCBA Regulator	\$535.00
2024 HMEP	Responder Training	Propane Water Injection	\$2,600.00
2024 HMEP	Responder Training	Propane Flare	\$2,500.00
2024 HMEP	Responder Training	LP Hose for Flare	\$500.00
2024 HMEP	Responder Training	Propane Class	\$3,500.00
2024 HMEP	Responder Training	Class Costs	\$1,500.00
2024 HMEP	Northwest Hazmat	Tank Truck Rollover	\$8,120.00
2024 HMEP	Northwest Hazmat	Tank Truck Assessory Kit	\$975.00
2024 HMEP	Northwest Hazmat	Lip Tight Dome Kits	\$840.00
2024 HMEP	Northwest Hazmat	Betts Valves	\$3,778.00
2024 HMEP	Northwest Hazmat	Rupture Seal Training Kit	\$159.90
2024 HMEP	Northwest Hazmat	Tank Shipping	\$988.00
2025 HMEP	Indian Springs	CI Training Dome	\$3,747.75
2025 HMEP	Indian Springs	LPG/NH Training Dome	\$6,293.75
2025 HMEP	Indian Springs	ERK Kit	\$9,357.50
2025 HMEP	Indian Springs	Kit Shipping	\$425.00
2025 HMEP	IAFC	Haz Mat Conference	\$9,000.00
			\$66,354.90



BUILDING DEPARTMENT AGENDA ITEM REPORT

TO: City Council

FROM: Jeff Houston, Building Official

DATE: July 10, 2025

SUBJECT: Proposed Annexation and Plan of Services

BACKGROUND:

- The Mossy Creek Farms LLC/Leonard proposed Annexation Plan of Services was approved unanimously at the June 23, 2025, Jefferson City Regional Planning Commission meeting.
- Per MTAS, the next step in the process is the City Council's consideration of a Resolution calling for a public hearing on the proposed annexation and approving a Plan of Services.

FISCAL IMPACT:

- See attached Plan of Services

REQUEST/RECOMMENDATION:

I have attached the Resolution and Plan of Services for Councils' consideration. Due to a 30-day public hearing notice requirement for the school system, I would like to ask that the public hearing and a special-called meeting be held on September 16th, which is a scheduled City Council Work Session. This should allow more than the required time for the public hearing notice requirements.

ATTACHMENTS:

Proposed Resolution and Plan of Services

A Resolution Calling for a Public Hearing on the Proposed Annexation of Territory into the City of Jefferson City by Owner Consent and Approving a Plan of Services (Exhibit A Pages 1-3)

The Mossy Creek Farms LLC Property, Located off Crooke Rd. (map 023, parcel 049.00)

WHEREAS, the City of Jefferson City, having been petitioned by interested persons, proposes the extension of its corporate limits by the annexation of certain territory adjoining its existing boundaries and within its urban growth boundaries by owner consent; and

WHEREAS, a plan of services (Exhibit A) for the territory proposed for annexation by owner consent has been reviewed by the Jefferson City Regional Planning Commission; and

WHEREAS, the governing body desires to conduct a public hearing on the proposed annexation and plan of services (Exhibit A);

NOW THEREFORE BE IT RESOLVED by the City of Jefferson City, Tennessee as follows:

A. That a public hearing is hereby scheduled for 5:00 pm on September 16th, 2025, at 112 City Center Drive Jefferson City, Tn. 37760 (City Hall), on the proposed annexation of territory by owner consent, and Plan of Services (Exhibit A), to wit:

Being a parcel of land located in the Fourth (4th) Civil District of Jefferson County, Tennessee, being a portion of CLT Tax Map 34, being a portion of parcel 4, and being more particularly described as follows, and being all of Lot 3 of the re-plat of Tract 6 of Mossy Creek Farm, and being more particularly described as follows;

Beginning on an iron rod in the Northern right-of-way line of Crooke Road, being a common corner to Hutchison (parcel 27.02); **Thence**, with the Northern right-of-way line of Crooke Road, North 84 deg 21 min 53 sec West, 427.09 feet to an iron rod; **Thence**, North 85 deg 09 min 39 sec West, 862.00 feet to an iron rod; **Thence**, leaving the northern right-of-way line of Crooke Road, North 05 deg 35 min 17 sec East, 395.53 feet to an iron rod; **Thence**, with a new divisional line, South 84 deg 52 min 37 sec East, 1269.00 feet to an existing drill steel; **Thence**, South 02 deg 40 min 49 sec West, 395.42 feet to the POINT OF BEGINNING. Containing 503,030 square feet or 11.548 acres more or less.

B. That a copy of this resolution, describing the territory proposed for annexation by owner consent, along with the plan of services (Exhibit A), shall be promptly sent to the last known address listed in the office of the Jefferson county property assessor for each property owner of record within the territory proposed for annexation, with such being sent by first class mail and mailed no later than twenty-one (21) calendar days prior to the scheduled date of the hearing on the proposed annexation.

C. That a copy of this resolution shall also be published by posting copies of it in at least three (3) public places in the territory proposed for annexation and in a like number of public places in the City of Jefferson City, and by publishing notice of the resolution at or about the same time in the Standard Banner, a newspaper of general circulation in such territory and the City of Jefferson City.

D. That notice of the time, place and purpose of a public hearing on the proposed annexation by owner consent and the plan of services (Exhibit A) shall be published in a newspaper of general circulation in the City of Jefferson City not less than twenty-one (21) days before the hearing, which notice included the locations of a minimum of three (3) copies of the plan of services (Exhibit A) for public inspection during all business hours from the date of notice until the public hearing.

E. Written notice of the proposed annexation shall be sent to the affected school system as soon as possible, but in no event less than thirty (30) days before the public hearing.

WHEREUPON, the Mayor declared the Resolution adopted, affixed a signature and the date thereto, and directed that the same be recorded.

_____Date: _____

Mitch Cain, Mayor

Bettina Chandler, City Recorder

Approved as to Form and Legality this ____ day of _____, 20__

City Attorney



CITY OF JEFFERSON CITY

MITCH CAIN, MAYOR

JAMES GALLUP, CITY MANAGER

Plan of Services For the Annexation of The Mossy Creek Farms LLC Property (Map 023, Parcel 049.00)

Being a parcel of land located in the Fourth (4th) Civil District of Jefferson County, Tennessee, being a portion of CLT Tax Map 34, being a portion of parcel 4, and being more particularly described as follows, and being all of Lot 3 of the re-plat of Tract 6 of Mossy Creek Farm, and being more particularly described as follows;

Beginning on an iron rod in the Northern right-of-way line of Crooke Road, being a common corner to Hutchison (parcel 27.02); **Thence**, with the Northern right-of-way line of Crooke Road, North 84 deg 21 min 53 sec West, 427.09 feet to an iron rod; **Thence**, North 85 deg 09 min 39 sec West, 862.00 feet to an iron rod; **Thence**, leaving the northern right-of-way line of Crooke Road, North 05 deg 35 min 17 sec East, 395.53 feet to an iron rod; **Thence**, with a new divisional line, South 84 deg 52 min 37 sec East, 1269.00 feet to an existing drill steel; **Thence**, South 02 deg 40 min 49 sec West, 395.42 feet to the POINT OF BEGINNING. Containing 503,030 square feet or 11.548 acres more or less.

A. Police

1. Patrolling, radio response to calls, and other routine police services, using present personnel and equipment, will be provided on the effective date of annexation.

B. Fire

1. Fire Protection by the present personnel and the equipment of the fire fighting force, within the limitations of available water and distances from fire stations, will be provided on the effective date of annexation. The current ISO rating is ISO level three (3).

C. Water

1. The developer has agreed to complete the extension of main water lines to provide service for the proposed development. Any new main lines and service lines for domestic use as part of the newly proposed development are to be provided by the developer.

2. Water for fire protection will be provided once the extension of water main lines to provide service to the proposed development is complete. The new fire hydrants and lines to service the new fire hydrants as part of the proposed development are to be provided by the developer.

D. Sanitary Sewers

1. The developer has agreed to install the necessary intercepting and trunk sewers to service the proposed development.

2. Construction of intercepting and trunk sewers as part of the proposed development are to be installed by the developer. The collection sewers for the proposed residences will then be connected to those sewers in accordance with current policies of the City.

E. Refuse Collection

The same regular refuse collection service now provided within the city will be extended to the annexed area or proposed residential development once the roadways and infrastructure of the proposed development have been dedicated and accepted by the city. After which refuse collection will begin once the current city contractor has been notified, and the proposed development added to their route.

F. Streets

1. Streets as part of the proposed development, designed and constructed to meet the requirements of the Jefferson City Subdivision Regulations, are to be installed by the developer. Emergency maintenance of Streets (repair of hazardous chuck holes, measures necessary for traffic flow, etc.) of the proposed development by the city, will begin after dedication and acceptance of the streets by the city.

2. Routine maintenance, on the same basis as in the present city, will begin upon dedication and acceptance of the streets by the city.

3. Installation of storm drainage facilities, curbs, and gutters as part of the proposed development are to be installed by the developer. Reconstruction and resurfacing of streets, repair of storm drainage facilities, curbs, gutters, and other major improvements will be accomplished under current policies of the city only after dedication and acceptance of streets and infrastructure by the city.

4. Cleaning of streets having curbs and gutters will begin within Two (2) weeks after the effective date of the acceptance of streets and infrastructure by the city, on the same basis as the cleaning of streets within the present city.

G. Schools

Schools for the proposed development are located in Jefferson County. Notification to the School System will be given thirty (30) days prior to the public hearings and considerations of the Resolutions of Annexation and Plan of Services.

H. Inspection Services

Any inspection services now provided by the city (building, plumbing, mechanical, etc.) will begin in the annexed area on the effective date of annexation.

I. Planning and Zoning

The planning and zoning jurisdiction of the city will extend to the annexed area on the effective date of annexation. City planning will thereafter encompass the annexed area. The property herein annexed shall be zoned (R-3 High Density Planned Residential Development District Requested and recommended based on proposed plan).

J. Street Lighting

Streetlights will be installed in the proposed development by the developer, under the standards currently prevailing in the existing city.

K. Recreation

Future residents of the proposed development may use all existing recreational facilities, parks, etc., on the effective date of annexation. The same standards and policies now used in the present city will be followed in expanding the recreational program and facilities in the enlarged city.

L. Miscellaneous

1. Where needed street name signs will be installed within approximately six (6) months after dedication and acceptance of the streets and infrastructure by the city.
2. The same regular Brush and Junk Collection Services now provided by the city will be extended to the annexed area or proposed development within two (2) weeks after the dedication and acceptance of streets and infrastructure by the city.

Reviewed by the Jefferson City Regional Planning Commission 6/23/2025 – Approved Unanimously on a Motion by Mr. Chitwood, second by Mr. Bunch



INFORMATION TECHNOLOGY DEPARTMENT
AGENDA ITEM REPORT

TO: City Council Members

FROM: Allen Gillespie, IT Manager

DATE: July 7, 2025

SUBJECT: Request for Authorization to Proceed with Fire Alarm at Various City Facilities

BACKGROUND:

- Council previously authorized capital improvement funds in our annual FY2026 budget for the replacement of failing fire alarm systems at the following facilities:
 - Jefferson City Public Library – \$26,370.50
 - City Hall – \$19,713.50
 - Police Department – \$19,787.10
 - Fire Department – \$19,692.50
- All quotes were submitted by SecuFire LLC, our existing vendor for fire, burglar, and access control systems, whose pricing continues to be significantly lower than competitive bids received in prior years. Their continued involvement ensures consistency, compatibility with our infrastructure, and cost efficiency by avoiding unnecessary system overhauls.

FISCAL IMPACT:

- In accordance with purchasing policies that allow a waiver of the formal bid process when continuing services with an existing vendor yields substantial savings and operational benefit, I respectfully request the Council’s approval to proceed directly with SecuFire LLC to complete these projects.

REQUEST/RECOMMENDATION:

1. Approve the use of capital funds to proceed with fire alarm system replacements at the Library, City Hall, Police Department, and Fire Department as quoted by SecuFire.

2. Waive the formal bid process due to the continuation of service with an existing vendor and documented cost advantages.

ATTACHMENTS:

- JC_Police Department Fire Alarm Quote (PDF)
- JC_City Hall Fire Alarm Quote (PDF)
- JC_Public Library Fire Alarm Quote (PDF)
- JC_Fire Department Fire Alarm Quote (PDF)



SECUFIRE, LLC.

9111 Cross Park Drive, Suite D200

Knoxville, TN 37923

865-770-1484: Phone

Section 5, Item e.

Customer: Jefferson City
Attention:
Project: Police department Fire alarm update
Address: 100 City Center Drive, Jefferson City, TN 37760
Submission Date: 2/1/2025
Submitted By: E. Beebe
Job#:

NOTICE

Prices quoted are FOB factory

Quote is good for 30 days

Not responsible for omitted or misquoted items

All information contained herein is to be considered **CONFIDENTIAL**

<u>Part Number</u>	<u>Description</u>	<u>Qty</u>	<u>Price Ea.</u>	<u>Sub-Total</u>
POTAFC-100	Addressable fire alarm panel w/ batteries and surge protection	1	\$ 1,562.00	\$ 1,562.00
POTMC1000	Multi-connect expander	1	\$ 338.00	\$ 338.00
POTPSN1000	Intelligent notification power expander	1	\$ 1,135.00	\$ 1,135.00
POTPAD300-HD	Addressable heat detector	1	\$ 80.00	\$ 80.00
POTPAD300-PD	Addressable photoelectric smoke detector	9	\$ 92.00	\$ 828.00
POTPAD100-PSDA	Addressable dual action pull station	7	\$ 166.00	\$ 1,162.00
POTPAD100-SIM	Addressable monitor module	3	\$ 94.50	\$ 283.50
POTPAD300-DUCTR	Addressable duct detector w/ relay	2	\$ 386.00	\$ 772.00
POTSTN-2.5	Duct detector sample tube 2.5'	2	\$ 23.00	\$ 46.00
WLPE-HSR	LED horn strobe	31	\$ 84.60	\$ 2,622.60
WLPE-STR	LED strobe	4	\$ 69.00	\$ 276.00
Misc material	Hardware, ties, etc.	1	\$ 250.00	\$ 250.00
Labor	Labor to update the fire alarm panel and field devices, program, and test.	1	\$ 9,560.00	\$ 9,560.00
			\$ -	\$ -
POTUD-2000	Fire panel UDACT	1	\$ 132.00	\$ 132.00
POTRA6500FR	Fire alarm annunciator	1	\$ 740.00	\$ 740.00
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -

Estimated Total:

\$ 19,787.10

Notes:

The above quoted price includes materials and labor to complete the job in a professional timely manner.

Per agreed terms.

By signing this quote you agree to pay the estimated total. Signatures are to be of a authorized rep of the owner or the owner.

Signature: _____ **Date:** _____



SECUFIRE, LLC.

9111 Cross Park Drive, Suite D200

Knoxville, TN 37923

865-770-1484: Phone

Section 5, Item e.

Customer: Jefferson City
Attention:
Project: City Hall Fire alarm update
Address: 112 City Center Drive, Jefferson City, TN 37760
Submission Date: 2/1/2025
Submitted By: E. Beebe
Job#:

NOTICE

Prices quoted are FOB factory

Quote is good for 30 days

Not responsible for omitted or misquoted items

All information contained herein is to be considered **CONFIDENTIAL**

<u>Part Number</u>	<u>Description</u>	<u>Qty</u>	<u>Price Ea.</u>	<u>Sub-Total</u>
POTAF-100	Addressable fire alarm panel w/ batteries and surge protection	1	\$ 1,562.00	\$ 1,562.00
POTMC1000	Multi-connect expander	1	\$ 338.00	\$ 338.00
POTPSN1000	Intelligent notification power expander	1	\$ 1,135.00	\$ 1,135.00
POTRA6500FR	Fire alarm annunciator	1	\$ 740.00	\$ 740.00
POTPAD300-PD	Addressable photoelectric smoke detector	9	\$ 92.00	\$ 828.00
POTPAD100-PSDA	Addressable dual action pull station	5	\$ 166.00	\$ 830.00
POTPAD100-SIM	Addressable monitor module	3	\$ 94.50	\$ 283.50
POTPAD300-DUCTR	Addressable duct detector w/ relay	2	\$ 386.00	\$ 772.00
POTSTN-2.5	Duct detector sample tube 2.5'	2	\$ 23.00	\$ 46.00
WLPE-HSR	LED horn strobe	35	\$ 84.60	\$ 2,961.00
WLPE-STR	LED strobe	4	\$ 69.00	\$ 276.00
Misc material	Hardware, ties, etc.	1	\$ 250.00	\$ 250.00
Labor	Labor to update the fire alarm panel and field devices, program, and test.	1	\$ 9,560.00	\$ 9,560.00
POTUD-2000	Fire panel UDACT	1	\$ 132.00	\$ 132.00
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -

Estimated Total:

\$ 19,713.50

Notes:

The above quoted price includes materials and labor to complete the job in a professional timely manner.

Per agreed terms.

By signing this quote you agree to pay the estimated total. Signatures are to be of a authorized rep of the owner or the owner.

Signature: _____ **Date:** _____



SECUFIRE, LLC.

9111 Cross Park Drive, Suite D200

Knoxville, TN 37923

865-770-1484: Phone

Section 5, Item e.

Customer: Jefferson City
Attention:
Project: Public Library Fire alarm update
Address: 108 City Center Drive, Jefferson City, TN 37760
Submission Date: 2/1/2025
Submitted By: E. Beebe
Job#:

NOTICE

Prices quoted are FOB factory

Quote is good for 30 days

Not responsible for omitted or misquoted items

All information contained herein is to be considered **CONFIDENTIAL**

<u>Part Number</u>	<u>Description</u>	<u>Qty</u>	<u>Price Ea.</u>	<u>Sub-Total</u>
POTAF-1000V	Addressable fire alarm panel w/Voice EVAC, batteries, and surge.	1	\$ 6,376.00	\$ 6,376.00
POTMC1000	Multi-connect expander	1	\$ 338.00	\$ 338.00
POTPSN1000	Intelligent notification power expander	1	\$ 1,135.00	\$ 1,135.00
			\$ -	\$ -
POTPAD300-PD	Addressable photoelectric smoke detector	9	\$ 92.00	\$ 828.00
POTPAD100-PSDA	Addressable dual action pull station	3	\$ 166.00	\$ 498.00
POTPAD100-SIM	Addressable monitor module	3	\$ 94.50	\$ 283.50
POTPAD300-DUCTR	Addressable duct detector w/ relay	4	\$ 386.00	\$ 1,544.00
POTSTN-2.5	Duct detector sample tube 2.5'	4	\$ 23.00	\$ 92.00
WLSSTR	Speaker strobe	22	\$ 123.00	\$ 2,706.00
WLPE-STR	LED strobe	4	\$ 69.00	\$ 276.00
Misc material	Hardware, ties, etc.	1	\$ 350.00	\$ 350.00
Labor	Labor to update the fire alarm panel and field devices, program, and test.	1	\$ 11,072.00	\$ 11,072.00
			\$ -	\$ -
POTUD-2000	Fire panel UDACT	1	\$ 132.00	\$ 132.00
POTRA6500FR	Fire alarm annunciator	1	\$ 740.00	\$ 740.00
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -

Estimated Total:

\$ 26,370.50

Notes:

The above quoted price includes materials and labor to complete the job in a professional timely manner.

Per agreed terms.

By signing this quote you agree to pay the estimated total. Signatures are to be of a authorized rep of the owner or the owner.

Signature: _____ **Date:** _____



SECUFIRE, LLC.

9111 Cross Park Drive, Suite D200

Knoxville, TN 37923

865-770-1484: Phone

Section 5, Item e.

Customer: Jefferson City
Attention:
Project: Fire department Fire alarm update
Address: 104 City Center Drive, Jefferson City, TN 37760
Submission Date: 2/1/2025
Submitted By: E. Beebe
Job#:

NOTICE

Prices quoted are FOB factory

Quote is good for 30 days

Not responsible for omitted or misquoted items

All information contained herein is to be considered **CONFIDENTIAL**

<u>Part Number</u>	<u>Description</u>	<u>Qty</u>	<u>Price Ea.</u>	<u>Sub-Total</u>
POTAF-100	Addressable fire alarm panel w/ batteries and surge protection	1	\$ 1,562.00	\$ 1,562.00
POTMC1000	Multi-connect expander	1	\$ 338.00	\$ 338.00
POTPSN1000	Intelligent notification power expander	1	\$ 1,135.00	\$ 1,135.00
POTPAD300-HD	Addressable heat detector	1	\$ 80.00	\$ 80.00
POTPAD300-PD	Addressable photoelectric smoke detector	13	\$ 92.00	\$ 1,196.00
POTPAD100-PSDA	Addressable dual action pull station	5	\$ 166.00	\$ 830.00
POTPAD100-SIM	Addressable monitor module	3	\$ 94.50	\$ 283.50
POTPAD300-DUCTR	Addressable duct detector w/ relay	3	\$ 386.00	\$ 1,158.00
POTSTN-2.5	Duct detector sample tube 2.5'	3	\$ 23.00	\$ 69.00
WLPE-HSR	LED horn strobe	35	\$ 84.60	\$ 2,961.00
WLPE-STR	LED strobe	2	\$ 69.00	\$ 138.00
Misc material	Hardware, ties, etc.	1	\$ 250.00	\$ 250.00
Labor	Labor to update the fire alarm panel and field devices, program, and test.	1	\$ 9,560.00	\$ 9,560.00
POTUD-2000	Fire panel UDACT	1	\$ 132.00	\$ 132.00
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -

Estimated Total:

\$ 19,692.50

Notes:

The above quoted price includes materials and labor to complete the job in a professional timely manner.

Per agreed terms.

By signing this quote you agree to pay the estimated total. Signatures are to be of a authorized rep of the owner or the owner.

Signature: _____ **Date:** _____



OFFICE OF THE CITY MANAGER

AGENDA ITEM REPORT

TO: Honorable City Council

FROM: James A. Gallup, City Manager

DATE: July 11, 2025

SUBJECT: Recommendation of Award for 26-01 On-Call Mowing & Property Cleanup Program

BACKGROUND:

- Bids for the city's On-Call & Property Cleanup Program was held on July 10, 2025 at 2PM. This project is to assist with codes enforcement of overgrown lots and properties throughout the city in accordance with T.C.A. § 6-54-113 and city code, specifically Title 13 (Property Maintenance Regulations) and Title 17 (Refuse and Trash Disposal).
- Two vendors submitted bids for this project and are recorded in the attached bid tabulation. The lowest bid was from **Full Service Property, LLC**.

FISCAL IMPACT:

- In accordance with T.C.A. § 6-54-113, the municipality may collect the costs assessed against the owner through an action for debt filed in any court of competent jurisdiction [...] collected at the same time and manner as property taxes are collected.
- For owner-occupied residential property, the municipality shall wait until cumulative charges for remediation equal or exceed five hundred dollars (\$500).

REQUEST/RECOMMENDATION:

- Staff recommends a split award to both **Full Service Property, LLC**, and to **Total Property Management, LLC** with Full Service Property, LLC as the primary vendor and Total Property as back up in case the primary vendor is unavailable.

ATTACHMENTS:

- 26-01 Bid Tabulation
- Copy of T.C.A. § 6-54-113



FINANCE DEPARTMENT
Purchasing Division
112 City Center Drive
PO Box 530
Jefferson City, TN 37760
(865) 475-9071

BID TABULATION SHEET

Project Number: 26-01

Date Bids Advertised: July 03, 2025

Project Name: On-Call Mowing & Property Cleanup

Bid Deadline (Date/Time): July 10, 2025 @ 2PM

Requesting Department: BUILDING/CODES DEPARTMENT

of Addendums Issued: None

VENDOR INFORMATION

<u>Vendor</u>	<u>Company Name</u>	<u>Contact Person</u>	<u>Phone</u>	<u>Email</u>	<u>Date/Time Bid Received</u>
A	Total Property Management	Ed Bateson	(865) 415-7796	ED@TPM.Biz	9 July 2025 @ 1330
B	Full Service Property Management	Scott Whitehead	(865) 900-9591	Scott@fullserviceproperty.org	10 July 2025 @ 1337
C					

BID SUMMARIES

<u>Item Description</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>
	<i>Per Hour</i>	<i>Per Hour</i>			
MOWING:	\$ 175.00	\$ 100.00			
EDGING & TRIMMING:	\$ 75.00	\$ 100.00			
WEED ABATEMENT:	\$ 75.00	\$ 100.00			
DEBRIS & TRASH REMOVAL:	\$ 250.00	\$ 150.00			
BRUSH & OVERGROWTH REMOVAL:	\$ 210.00	\$ 150.00			
DISPOSAL:	\$ 250.00	\$ 100.00			
	*Landfill Disposal fees will be billed in addition to disposal rate, per ton, per classification	* and \$35.00 per cubic yard of disposal			

[Go to Other Versions of The Tennessee Code](#) ▼

2024 Tennessee Code
Title 6 - CITIES AND TOWNS (§§ 6-1-101 — 6-59-107)
MUNICIPAL GOVERNMENT
GENERALLY (§§ 6-51-101 — 6-59-107)
Chapter 54 - MUNICIPAL POWERS
GENERALLY (§§ 6-54-101 — 6-54-1018)
Part 1 - GENERAL PROVISIONS (§§ 6-54-101 — 6-54-148)
Section 6-54-113 - Removal of
vegetation and debris from certain lots

Universal Citation:

TN Code § 6-54-113 (2024) ○

[◀ Previous](#)[Next ▶](#)**(a)**

(1) "Municipality," as used in this section, includes incorporated cities and towns and metropolitan governments.

(2) The authority provided in this section is permissive and not mandatory and may or may not be exercised by a municipality, as each municipality deems

appropriate.

(b) If it is determined by the appropriate department or person as designated by the governing body of a municipality that any owner of record of real property has created, maintained or permitted to be maintained on such property the growth of trees, vines, grass, underbrush or the accumulation of debris, trash, litter, or garbage, or any combination of the preceding elements, so as to endanger the health, safety or welfare of other citizens or to encourage the infestation of rats and other harmful animals, the appropriate department or person shall provide notice to the owner of record to remedy the condition immediately. The notice shall be given by United States mail, addressed to the last known address of the owner of record. When an attempt at notification by United States mail fails or no valid last known address exists for the owner of record, the municipality may publish the notice in a newspaper of general circulation in the county where the property sits for no less than two (2) consecutive issues or personally deliver the notice to the owner of record. For purposes of this section, such publication shall constitute receipt of notice effective on the date of the second publication of the notice and personal delivery shall constitute receipt of notice immediately upon delivery. The notice shall state that the owner of the property is entitled to a hearing. The notice shall be written in plain language and shall also include, but not be limited to, the following elements:

- (1)** A brief statement of this section, which shall contain the consequences of failing to remedy the noted condition;
- (2)** The person, office, address and telephone number of the department or person giving notice;
- (3)** A cost estimate for remedying the noted condition, which shall be in conformity with the standards of cost in the community; and
- (4)** A place wherein the notified party may return a copy of the notice, indicating the desire for a hearing.

(c)

(1)

(A) If the person fails or refuses to remedy the condition within ten (10) days after receiving the notice, the appropriate department or person shall immediately cause the condition to be remedied or removed at a cost in conformity with reasonable standards and the cost thereof assessed against the owner of the property. The municipality may collect the costs assessed against the owner through an action for debt filed in any court of competent jurisdiction. The municipality may bring one (1) action for debt

against more than one (1) or all of the owners of properties against whom such costs have been assessed, and the fact that multiple owners have been joined in one (1) action shall not be considered by the court as a misjoinder of parties. Upon the filing of the notice with the office of the register of deeds of the county in which the property lies, the costs shall be a lien on the property in favor of the municipality, second only to liens of the state, county and municipality for taxes, any lien of the municipality for special assessments, and any valid lien, right or interest in such property duly recorded or duly perfected by filing, prior to the filing of such notice. These costs shall be collected by the municipal tax collector or county trustee at the same time and in the same manner as property taxes are collected. If the owner fails to pay the costs, they may be collected at the same time and in the same manner as delinquent property taxes are collected and shall be subject to the same penalty and interest as delinquent property taxes.

(B) When the owner of an owner-occupied residential property fails or refuses to remedy the condition within ten (10) days after receiving the notice, the appropriate department or person shall immediately cause the condition to be remedied or removed at a cost in accordance with reasonable standards in the community, with these costs to be assessed against the owner of the property. Subdivision (c)(1)(A) shall apply to the collection of costs against the owner of an owner-occupied residential property, except that the municipality shall wait until cumulative charges for remediation equal or exceed five hundred dollars (\$500) before filing the notice with the register of deeds and the charges becoming a lien on the property. After this threshold has been met and the lien attaches, charges for costs for which the lien attached are collectible as provided in subdivision (c)(1)(A) for these charges.

(2) If the person who is the owner of record is a carrier engaged in the transportation of property or is a utility transmitting communications, electricity, gas, liquids, steam, sewerage or other materials, the ten-day period specified in subdivision (a)(1) shall be twenty (20) days, excluding Saturdays, Sundays and legal holidays.

(3) As an alternative to the remedies provided in subdivision (c)(1)(A), if the owner of record of real property, including owner-occupied residential real property, fails or refuses to remedy the condition after receiving the notice described in subsection (b) within ten (10) days of receipt of the notice, or

twenty (20) days of receipt of the notice when the owner of record is a carrier engaged in the transportation of property or is a utility transmitting communications, electricity, gas, liquids, steam, sewerage, or other materials, the municipality may bill the owner the costs to remedy or remove the condition, in the same manner as municipal real property taxes and add the amount on the real property tax notice sent to the owner. If this remedy is used by a municipality, the amount billed to the property owner shall not constitute a lien on any affected property or accrue penalties or interest for late payment. Any municipality that adds such costs to the real property tax notices shall bear all expenses related to system modifications necessary to add the costs to the notices.

(d)

(1) The municipal governing body or the appropriate department, or both, may make any rules and regulations necessary for the administration and enforcement of this section. The municipality shall provide for a hearing upon request of the person aggrieved by the determination made pursuant to subsection (b). A request for a hearing shall be made within ten (10) days following the receipt of the notice issued pursuant to subsection (b). Failure to make the request within this time shall without exception constitute a waiver of the right to a hearing.

(2) Any person aggrieved by an order or act of the board, agency or commission under this subsection (d) may seek judicial review of the order or act. The time period established in subsection (c) shall be stayed during the pendency of a hearing.

(e) The provisions of this section are in addition and supplemental to, and not in substitution for, similar authority in any municipality's charter or other applicable law.

(f) In the event a privately owned cemetery would otherwise meet the requirements of this section, and if a Boy Scout troop or other organization were to remedy the conditions existing on such property, the municipality shall be prohibited from filing a lien against such property for the value of the work performed by such organization. Such organization shall be immune from any legal action for damages, and no cause of action for civil or criminal liability may be brought by the owner of record of the cemetery or descendants of those buried in the cemetery against such organization,

so long as reasonable care is taken by such organization not to violate § 46-2-105, § 46-3-108 [repealed], or any other provision of law, rule or regulation.

(g)

(1) As used in this subsection (g):

(A) "Community organization" means a community-oriented organization or group including, but not limited to, a school group, church youth group, neighborhood preservation nonprofit corporation, or community support group; and

(B) "Vacant property" means property on which no building exists or on which a building exists but any such building is no longer utilized for any business, commercial or residential purposes.

(2) Except as provided in subsection (f), if a person fails to remedy the condition on vacant property within the time period prescribed by subsection (c), subject to any stay as provided in subsection (d), upon the adoption of a resolution by a two-thirds (2/3) vote of the municipal legislative body of any municipality located in any county having a population in excess of eight hundred thousand (800,000), according to the 2000 federal census or any subsequent federal census, to implement this subsection (g) within any such municipality, a community organization shall be entitled to petition the municipality to enter upon such vacant property to remedy the conditions identified in subsection (b). Upon the filing of such a petition, the municipality is authorized to contract with such community organization for such purposes. The contract shall provide for the manner in which the community organization shall be compensated for remedying the conditions pursuant to such contract. Any municipality that contracts with a community organization for such purposes shall be absolutely immune from any liability to any and all persons and for damage to the vacant property for conditions remedied by the community organization. No monetary liability and no cause of action of any nature shall arise against the municipality for acts of omission or commission of such community organization for conditions remedied pursuant to such contract.

Amended by 2023 Tenn. Acts, ch. 314, s 1, eff. 4/28/2023.

Amended by 2014 Tenn. Acts, ch. 963, s 3, eff. 1/1/2015.

Amended by 2014 Tenn. Acts, ch. 840, s 1, eff. 4/29/2014.

Acts 1988, ch. 564, § 1; 1989, ch. 100, § 1; 1991, ch. 515, §§ 1, 3; 1993, ch. 210, § 1; 2007, ch. 382, §§ 1, 2; 2010, ch. 923, § 3.

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