



## City Council Regular Meeting Agenda

August 04, 2025 at 5:00 PM

Jefferson City Municipal Building

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### 1. Call to Order

Opening Prayer

Pledge of Allegiance

### 2. Roll Call

### 3. Approval of Minutes from Previous Meetings

a. Minutes from July 7, 2025, Meeting

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

### 5. Communications from the Mayor

### 6. Reports from Committees, Council Members, and other Officers

a. **Building/Codes/Planning Department Monthly Report.** Receive a report from Jeff Houston, Building Inspector, concerning a summary of the department's activity for July 2025.

b. **Fire Department Monthly Report.** Receive a report from Lee Turner, Fire Chief, concerning a summary of the department's activity for July 2025.

c. **Parks and Recreation Monthly Report.** Receive a report from Kevin Bolden, Parks & Recreation Director, concerning a summary of the department's activity of July 2025.

d. **Police Department/City Court Monthly Report.** Receive a report from Andy Dossett, Police Chief, concerning a summary of the department's activity for July 2025.

e. **Public Works Monthly Report.** Receive a report from Porter Massengill, Public Works Director, concerning a summary of the department's activity for July 2025.

f. **City Manager Monthly Report.** Receive a report from James Gallup, City Manager, concerning a summary of his activity for July 2025.

### 7. Appointments

a. **Appoint** Tony Pettit to the Jefferson Healthcare Foundation by Council appointment for a three-year term.

### 8. Acceptance of Bids/Professional Services/Leases/Grants

- a. **Approve** purchase of Single Axle Dump Truck for Water/Sewer Department
- b. **Approve** purchase and installation of Gas Detection System Replacement
- c. **Approve** purchase of proposed items through the Hazardous Materials Education Program (HMEP) Grant
- d. **Approve** installation of updated Fire Alarm system at Various City Facilities
- e. **Approve** bids received for Bid 26-01: On Call Mowing & Property Cleanup Program
- f. **Approve** Bid for TDEC ARPA Wastewater System Improvements Project

**9. Old Business**

**10. New Business**

- a. **Approve** Resolution 2025-22 Proposed Annexation and Plan of Services

**11. Adjourn**

Minutes of Regular Meeting

July 7, 2025

The City Council of Jefferson City, Tennessee, met in regular session on Monday, July 7, 2025, at 5:00 p.m., at City Hall, 112 City Center Drive, with Mayor Mitch Cain presiding.

The opening prayer and Pledge of Allegiance was led by Mayor Cain.

Roll Call by the City Recorder was as follows:

Mayor Cain	Present
Vice Mayor Bunch	Present
Councilwoman Combs	Present
Councilman Melton	Present
Councilwoman Purkey	Present

Also present were James Gallup, City Manager; Robert Burts, City Attorney; and Bettina Chandler, City Recorder.

Upon motion of Vice Mayor Bunch, seconded by Councilwoman Combs, the City Council minutes of June 2, 2025, the Beer Board minutes of June 2, 2025, the Beer Board minutes of June 17, 2025, and the Special Meeting minutes of June 17, 2025, were unanimously approved as written.

Upon request from Mayor Cain for citizen comments, there were none.

In communications from the Mayor, he commented that sales tax collections for the past couple of months have exceeded budgeted amounts. He also commented that the July 4th celebration was a success and expressed his appreciation to Parks and Recreation and city employees for their hard work with the event.

The following reports were presented to City Council: Building/Codes/Planning Department Monthly Report, Fire Department Monthly Report, Parks and Recreation Monthly Report, Police Department Monthly Report, Public Works/Utilities Monthly Report, and the City Manager’s Monthly Report. James Gallup, City Manager, announced the following: appreciation for all who participated in the July 4th activities; Joint LAMTPO Executive/TAC meeting at 9:00 a.m. on July 9th; bid deadline for RFB 26-01: on-call mowing and property cleanup is July 10th at 2:00 p.m.; pre-construction meeting for North Hills Water Tank Project is July 17th at 2:00 p.m.; new utility bill collection SOP takes effect July 23rd and 24th; Mossy Creek Foundation will meet for their quarterly Downtown Property and Business Forum on July 20th at 6:00 p.m. at Mossy Creek Roasters; there will be a free community day at the Jefferson City Outdoor Pool on July 31st; calendars for the Jefferson City Public Library and Senior Citizens Center are attached to agendas; and Public Works has developed a plan to address the issues with the water pressure on Rhoten Street.

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Minutes of Regular Meeting  
July 7, 2025

Upon motion of Vice Mayor Bunch, seconded by Councilman Melton, the purchase of three police SUVs from Carville Dodge (BlueSky Automotive, Inc.) in the amount of \$42,500 each (totaling \$127,500), was unanimously approved.

Upon motion of Vice Mayor Bunch, seconded by Councilwoman Purkey, the purchase of emergency equipment and installation for the new K-9 SUV from Dana Safety Supply in the amount of \$16,988.39, was unanimously approved.

Upon motion of Councilwoman Purkey, seconded by Councilwoman Combs, the purchase of police vehicle emergency equipment and installation from Dana Safety Supply in the amount of \$13,093.19, was unanimously approved.

Upon motion of Councilwoman Combs, seconded by Vice Mayor Bunch, the renewal of a 10-year joint agreement with TDOT for Gateway Signs and Wayfinding Sign Project, was unanimously approved.

The meeting was adjourned at 5:10 p.m.

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Mitch Cain, Mayor

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Bettina Chandler, City Recorder



# BUILDING/CODES ENFORCEMENT/PLANNING DEPARTMENT

## MONTHLY REPORT FOR JULY 2025



### Permits and Inspections

Number of Permits Issued:

Building: 9

Sign: 2

Demo: 0

Floodplain: 0

Inspections Performed: 53

Certificates of Occupancy Issued: 8

Plan Reviews Performed: 5

Active Permits: 91

### Code Enforcement

Complaints Received: 8

Violations Found: 7

Notices of Violation Issued: 7   Citations Issued: 0

Cases Closed: 12

Total Open Cases: 10

### (NPDES) Stormwater

Number of Active Construction General Permits: 20 (9 Active)

Stormwater Inspections Performed: 9

Violations Found: Multiple Minor Violations

Enforcement Actions Taken: Minor Violations Corrected on Site

Plan Reviews: 1

# BUILDING/CODES ENFORCEMENT/PLANNING DEPARTMENT

## MONTHLY REPORT FOR JULY 2025

Section 6, Item a.

### City Planning

July 28<sup>th</sup> Agenda

#### Regional Planning Commission:

- a. Jeff Houston - Preliminary Plat Approval for McQueen Subdivision Cannon's Crossing - Located off Old A.J. Highway and Black Oak Rd – Contingencies Met – Preliminary Plat Approved
- b. Billy Knight - 3 Separate Plat Review/ Approvals - Located off Fate Rankin Rd. in Growth Boundary – All 3 Plats Approved

#### Board of Zoning Appeals:

- a. Tim Smawley - Seeking Special Exception to allow Temporary Gravel Drive Thru - Located off Broadway Blvd. and Odyssey Rd. – Tabled for legal opinion
- b. David Hensley - Seeking Special Exception to Install Dynamic Sign in a R-1 Zone - Located off Overlook Ave - Approved



# JEFFERSON CITY FIRE DEPARTMENT

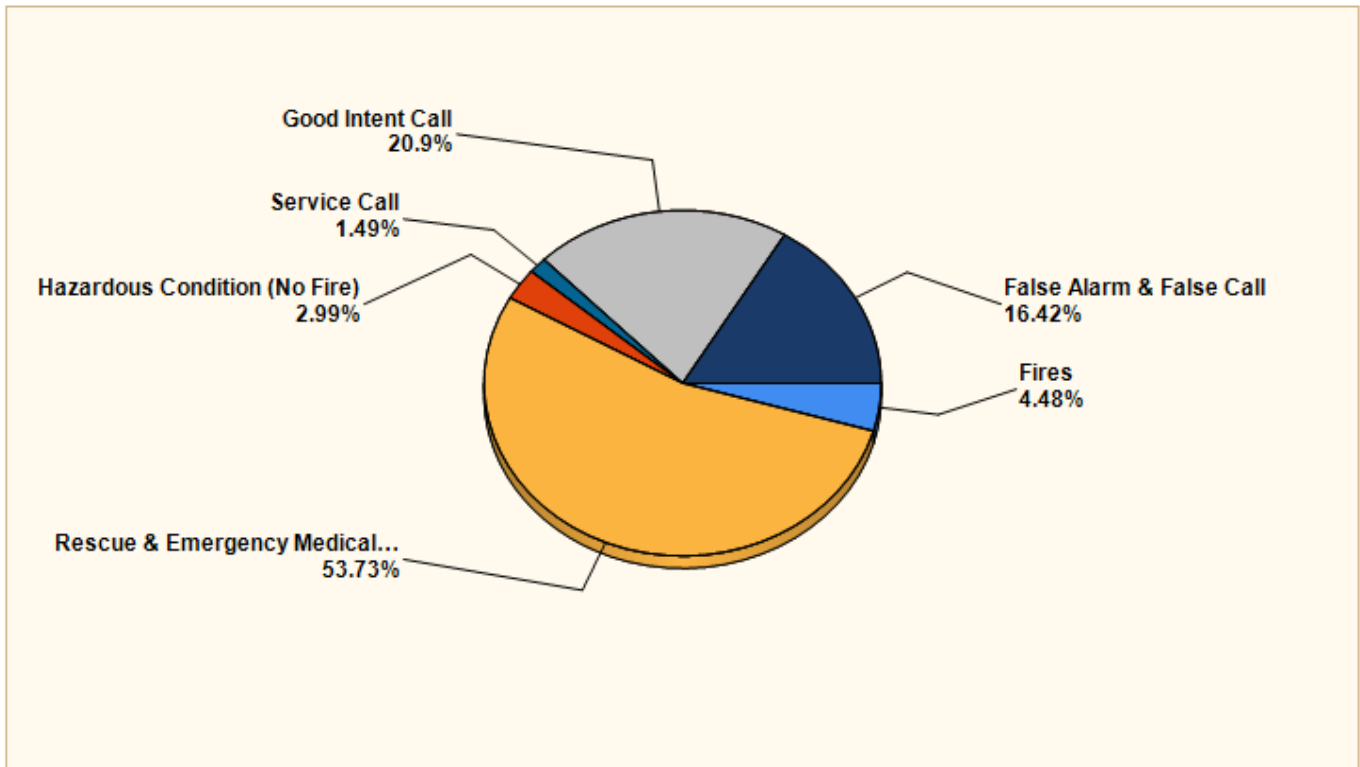
Section 6, Item b.

104 City Center Drive • Jefferson City, TN 37760  
Telephone • 865-475-3616  
Fax • 865-471-7099

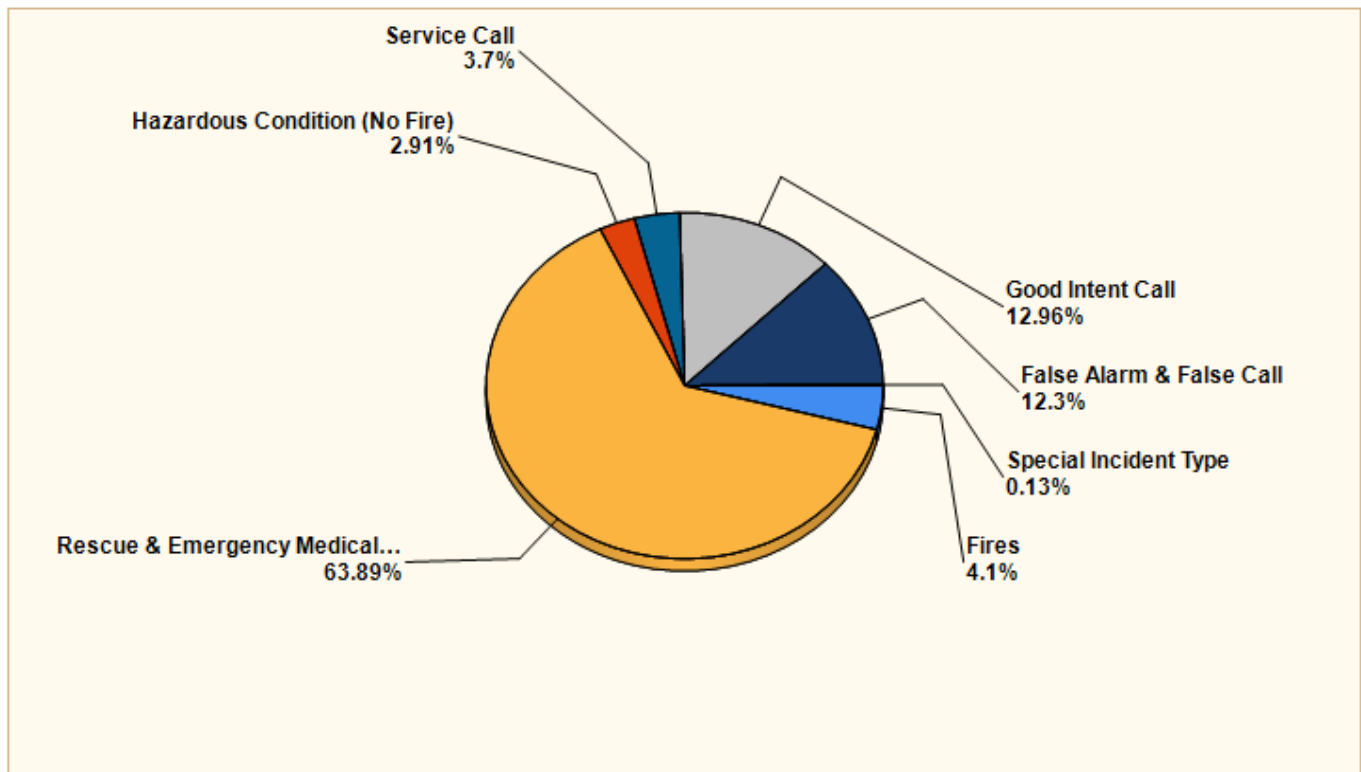
## Office of the Fire Chief Monthly Department Activity Summary

July 2025

### Operations



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	3	4.48%
Rescue & Emergency Medical Service	36	53.73%
Hazardous Condition (No Fire)	2	2.99%
Service Call	1	1.49%
Good Intent Call	14	20.9%
False Alarm & False Call	11	16.42%
<b>TOTAL</b>	<b>67</b>	<b>100%</b>

Calls (Year to Date)

MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	31	4.1%
Rescue & Emergency Medical Service	483	63.89%
Hazardous Condition (No Fire)	22	2.91%
Service Call	28	3.7%
Good Intent Call	98	12.96%
False Alarm & False Call	93	12.3%
Special Incident Type	1	0.13%
<b>TOTAL</b>	<b>756</b>	<b>100%</b>

Overlapping Incidents

4 (6%)

Fire Prevention/Public Education

Company Inspections/Pre-Planning Visits	20
Station Tours/Visits	2
Public Education Deliveries/Classes	2
Smoke Alarms Installed	8
Child Car Seats Installed/Inspected	3

Average Monthly Response Time:

6:10 minutes

90% Percentile Response

Fire: 7:36 minutes

EMS: 7:16 minutes

**Other Items of Interest:**

The Fire Department hosted the Walters State Paramedic Class in July for a day of hazardous materials training on patient care and decontamination operations.

All fire apparatus were annual inspected, and pumps tested in July. All Engine and the Aerial Ladder passed their NFPA required pump tests.

Reserve Firefighter Zach Gillam tested for and passed his State Firefighter II exam. Reserve Firefighter Annala McCowen passed her State Firefighter I exam.

Chief Lee Turner attended the Southeastern Association of Fire Chiefs Annual Leadership Conference in Franklin on July 14-18, 2025.

**Parks and Recreation Monthly Report**  
**July 2025**

Weekly Attendance

Sat. June 28<sup>th</sup> – Fri. July 4<sup>th</sup> 833

Sat. June 5<sup>th</sup> – Fri. July 11<sup>th</sup> 902

Sat. July 12<sup>th</sup> – Fri. July 18<sup>th</sup> 922

Sat. July 19<sup>th</sup> – Fri. July 25<sup>th</sup>  
900

Sat. July 26<sup>th</sup> – August 1<sup>st</sup> 885

Monthly staff meeting with maintenance and front desk staff.

I attended weekly department head team meetings.

All parks have undergone their safety inspections.

The Basketball Court at Roy Harmon Park has been painted and lined on one side.

We had our second movie night downtown, with 107 viewers in attendance.

Our summer T-Ball League ended this past week with great attendance and zero rainouts.

Picnic tables at the Community Center have been painted.

Rubber mulch has been added to the playground at Centennial Park.

Floors have been waxed at the Community Center.



# Jefferson City Police Department

"Integrity, Service & Dedication"

Andy Dossett, Chief of Police



Section 6, Item d.

## Monthly Report July 2025

### Training

Officer(s)	Training/Location	Hours
Sgt. Bunch/ PO Carter	Crisis Intervention	32
PO Carter/ PO Peterson	THP Interdiction Plus	24

### Community Outreach

Officer(s)	Event/Project/Meeting	Hours
PO Snowden/ PO Kinder/ Dossett	July 4 celebration and parade	2

### Municipal Court Report

Citations Heard	52	Docket Count	72	Fines/Costs Imposed	6179.00
Fines/Costs Collected	15350.19	Fines/Costs Referred	3790.00	Fail to Appear	43
Guilty	17	Not Guilty	2	Charges Dismissed	0
Referred to Driving School	9				

### Patrol Activity

911 Calls for Service	992	Vehicle Crash	39	Miles Patrolled	19564
Reports Filed	83	Citations	260	Property Checks	9199
Drug Violations	14	Vehicle Stops	334	DUI	1
Misd. Arrests	66	Felony Arrests	6	Directed Foot Patrol	524

### Announcements/Updates/Employee Recognition

- Current police officer vacancies: 2
- Annual National Night Out, August 5, 6PM-8PM
- Promotions:
  - 1- Lt. Ben Hammer, Patrol Div.
  - 2- Sgt. Jason Dean, Patrol Div.
  - 3- Sgt. Paul Henderson, CID Narcotics
  - 4- Cpl. Mark Snowden, CNU
  - 5- Cpl. Jeremy Hayes, Patrol Div.

100 City Center Drive-Jefferson City-TN-37760  
Office (865) 475-2002 Fax (865) 475-4794

## Crime Report

Drug Narcotic Offenses - Drug/Narcotic Violations	29
All Other Offenses	25
Larceny/Theft Offenses - Shoplifting	23
Assault Offenses - Simple Assault	11
Larceny/Theft Offenses - All Other Larceny	9
Warrant Service Other Agency	4
Drug Narcotic Offenses - Drug Equipment Violations	4
Incident	4
Drunkenness	2
Fraud Offenses - False Pretenses/Swindle/Confidence Game/Flimflam/Scam	2
Driving Under the Influence	2
Assault Offenses - Aggravated Assault	2
Destruction/Damage/Vandalism of Property	2
Counterfeiting/Forgery	2
Larceny/Theft Offenses - Theft From Motor Vehicle	1
Liquor Law Violations	1
Motor Vehicle - Motor Vehicle Theft	1
Disorderly Conduct	1
Fraud Offenses - Impersonation	1
All Other Offenses	25
Assault Offenses - Aggravated Assault	2
Assault Offenses - Simple Assault	11
Counterfeiting/Forgery	2
Destruction/Damage/Vandalism of Property	2
Disorderly Conduct	1
Driving Under the Influence	2
Drug Narcotic Offenses - Drug Equipment Violations	4
Drug Narcotic Offenses - Drug/Narcotic Violations	29
Drunkenness	2
Fraud Offenses - False Pretenses/Swindle/Confidence Game/Flimflam/Scam	2
Fraud Offenses - Impersonation	1
Incident	4
Larceny/Theft Offenses - All Other Larceny	9
Larceny/Theft Offenses - Shoplifting	23
Larceny/Theft Offenses - Theft From Motor Vehicle	1
Liquor Law Violations	1
Motor Vehicle - Motor Vehicle Theft	1
Warrant Service Other Agency	4



Major Projects Status

- ❖ Wastewater Plant Improvement Project – New process is online.
- ❖ CDBG funded sewer line replace/rehab in Spring 2024. Awaiting closeout.
- ❖ Old AJ repaving in Design phase, plans submitted to TDOT.
- ❖ JLG pretreatment permit has been issued.
- ❖ Black Oak Fire Protection Project – Construction by City Crews is scheduled for Summer of 2025.
- ❖ Chucky Pike Safety Improvements currently on schedule.

Task – June 2025

Water & Sewer

Water Taps: 5  
Sewer Taps: 5  
Water Treated: 147.74 million gallons  
Water leaks: 20  
Wastewater Treated: 42.18 million gallons.  
Wastewater effluent violation: 0  
Overflow: 0

Streets & Sanitation

Brush Hauled – 34 loads.  
Junk Hauled – 26 loads.  
Recycle Hauled – 40.40 tons.



## OFFICE OF THE CITY MANAGER

### City Manager Report

August 4th, 2025

#### Activities:

- Met with representatives from TVA, Economic Alliance, and TNECD regarding future development
- Attended and supported the annual July 4<sup>th</sup> Independence Day Parade
- Hosted joint LAMTPO Executive Board/Technical Advisory Committee meeting
- Attended Jefferson Economic Alliance Quarterly Meeting hosted at City Hall
- Hosted bid opening for TDEC ARPA Sewer Rehab Project with McGill Associates
- Met with Tennessee Outdoor Recreation representatives regarding future grants
- Coordinated with Mossy Creek Mini Golf to host city-sponsored free mini-golf night
- Attended pre-construction meeting for N. Hills Tank Project
- Attended Jefferson County Joint Economic Development Board meeting
- Met with County Tourism to discuss projects for Tourism Enhancement Grant
- Hosted meeting between SMART Initiatives and staff regarding Naloxone Dispensing units
- Attended Mossy Creek Foundation's Quarterly Downtown Property/Business Owner Forum
- Applied and accepted into Chamber of Commerce's Leadership Class

#### Announcements/Events:

- 5th August – National Night Out 6-8 PM at City Center
- 1<sup>st</sup> September – Administrative Offices/Community Center Closed in observance of Labor Day
- 2<sup>nd</sup> September – Regular Council meeting on the Tuesday following Labor Day
- Tentative bids being advertised next week for August Work Session consideration:
  - o Senior Center Parking Lot Resurfacing
  - o Community Center Sand Filtration System Replacement
  - o Community Center Dextron Unit Replacement
  - o 2025 Street Paving Bid

#### Attachments:

- Jefferson City Public Library August Calendar/Newsletter

## Special Events

- Aug 5: Food Truck
- Aug 14: Movie Night
- Aug 19: Open Mic

# HELLO August

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1 3:30 PM Scribble Society	2 10AM Summer Reading Grand Finale
3	4	5 10:30 AM Homeschool Academy 4:30 PM Book Social	6 10:30 AM Storytime Go! 4PM Watercolor	7 10:30 AM Little Listeners	8 3:30 PM Scribble Society	9 11AM Poetry Perspectives
10	11	12 10:30 AM Homeschool Academy 4PM 13+ Craft Night	13 10:30 AM Storytime Go! 4PM Watercolor	14 10:30 AM Little Listeners	15 3:30 PM Scribble Society	16 11AM Poetry Perspectives
17	18	19 4PM Mixed Media Arts & Crafts Night	20 10:30 AM Storytime Go! 4PM Watercolor	21 10:30 AM Little Listeners 4PM Lego Builders	22 3:30 PM Scribble Society	23 11AM Poetry Perspectives
24	25 4PM Anime Club	26	27 10:30 AM Storytime Go! 4PM Watercolor	28 10:30 AM Little Listeners	29 3:30 PM Scribble Society	30 11AM Poetry Perspectives
31	1	2	3	4	5	6





## Additional Events

### Anime Club is Back!

**Monday, August 25 4:00-5:30**

Anime Club will be meeting once monthly. For more information, contact Andrew Smith at 865-318-5890.

**Movie Night: Thursday, August, 14  
3:00-5:00pm**

Join us for popcorn and refreshments as we watch the 2004 film National Treasure. Everyone is welcome, and as always, it's FREE!



**Summer Reading Program Finale:  
Saturday, August 2 10:00am-1:00pm**

This year's finale will be a Touch A Truck event! We are partnering with the Jefferson City Police Department and the Jefferson City Fire Department for a super fun day. Come dressed for water play, get a close up look at fire trucks and police vehicles, and join us for a hot dog lunch!



## August at JCPL

Section 6, Item f.

### What's happening at the library

## SUMMER READING FINALE 2025

**Saturday, August 2<sup>nd</sup>**

**10:00am-1:00pm**

# Touch a TRUCK



### Closings/ Holidays

Jefferson City Public Library will be open

Monday-Friday 9:00am-6:00pm

Saturday 9:00am-2:00pm





## Children

**Homeschool Academy: Tuesdays at 10:30am**

**We will not meet August 19 or August 26**

Join us for special guest speakers and programs to enrich your child's learning experiences. For homeschoolers of all ages!

**Storytime, Go: Wednesdays at 10:30am**

Join us for stories, songs, and crafts designed to promote children's early literacy skills. Geared towards children ages 3-5.

**Little Listeners: Thursdays at 10:30am**

A Storytime for babies and toddlers to enjoy songs, books, and rhymes with their caregiver. Geared towards children under 3 years old.

**Lego Builders: Thursday, August 21 at 4:00pm**

The third Thursday of every month, bring your imagination and we'll bring the Legos!

## Teens and Up

**Scribble Society Writing Group: Fridays at 3:30pm**

For teens and adults. Join us for writing, sprints, and fun with fellow writers. We meet every Friday and talk about how our writing is going before working on a prompt and then sharing our work.

**Poetry Perspectives: Saturdays at 11:00am**

Join us as we read published poems and share and discuss our own works. This is for mature teens and adults.

Mon-Fri: 9:00AM-6:00PM Sat.: 9:00AM-2:00PM  
Sun: Closed

## Adults

Section 6, Item f.



**Mixed Media Arts & Crafts:**

**Tuesday, August 19 at 4:00pm**

Join us the third Tuesday of every month. All supplies will be provided. **Class size is limited - registration is required!** Sign up sheet is at the circulation desk.

**Book Social: Tuesday, August 05 at 4:30pm**

The first Tuesday of every month, come to talk about your latest reads. Make friends, have snacks, and enjoy the company of other readers!

**Watercolor Club: Wednesdays at 4:00pm**

No talent required. Bring your own supplies and get creative!

**Yoga: Fridays at 9:00am**

Bring your own mat. Beginner friendly!

## Teens and Up

**Rock Painting Workshop:**

**Tuesday, August 12 at 4:00pm**

For adults and teens 13 and up. Join us the second Tuesday of every month. Bring a friend and paint some rocks!



108 City Center Drive, Jefferson City, TN 37760  
865-475-9094



## **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

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### **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 8, 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 8, 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 8, 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 8, 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

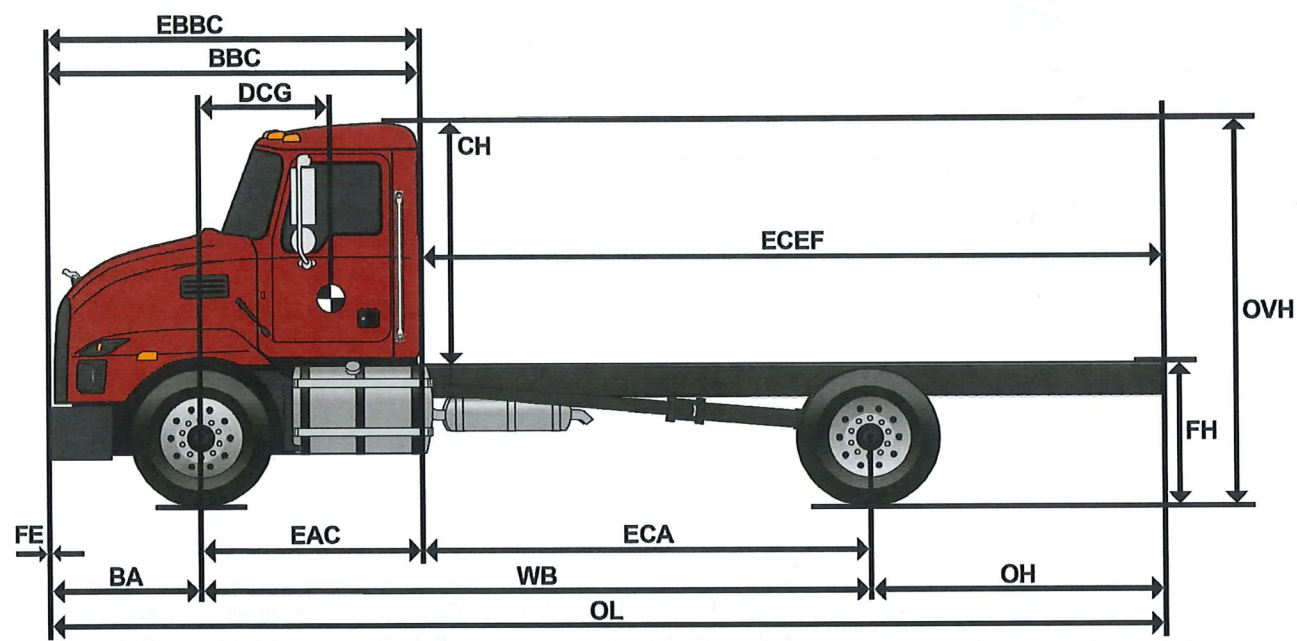
3810

**TOTAL WEIGHT (LB)**

10309



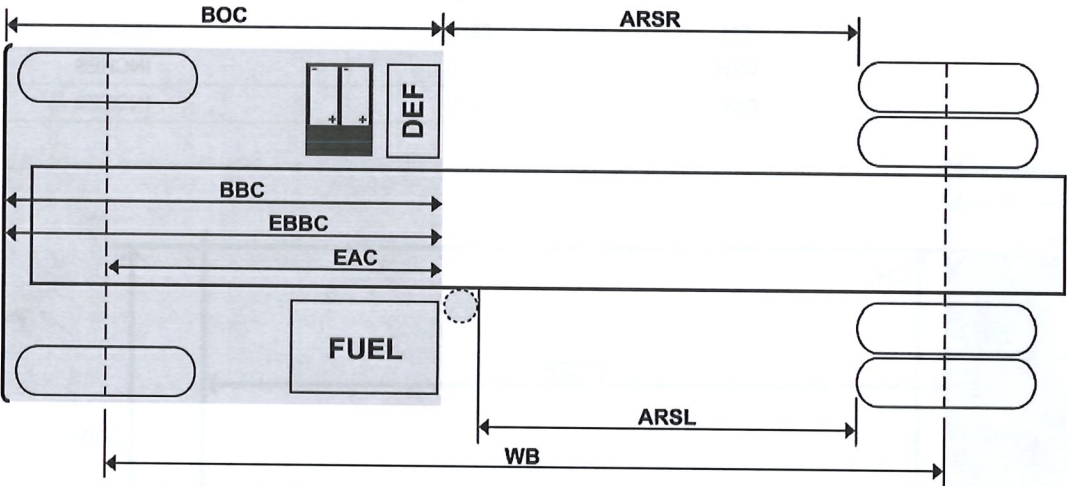
VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY			
Description	Dwg Ref	Length	UOM
Front Frame Extension	FE	0.0	INCHES
Bumper to Front Axle	BA	40.0	INCHES
Eff. Bumper to Front Axle	N/A	40.0	INCHES
Wheelbase	WB	151.0	INCHES
Rear Overhang	OH	50.0	INCHES
Overall Length	OL	241.0	INCHES
Bumper to Back 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  $\pm 4$  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](http://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

## 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

- 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

## SPECIFICATIONS

### Electrical

Power supply	110/230 VAC 50/60 Hz; 24 VDC $\pm$ 20%
Power consumption (incl. sensors)	Min. 30 W, 0.15 A, Max. 160 W, 0.7 A Depending on type and configuration
Device configuration	(96) PolyGard®2 digital sensors, or combination of PolyGard®2 digital sensors and 4-20 mA analog sensors
Stage level / setpoint	Four (4) alarm thresholds per sensor input, assignable to current or mean (average) value
Digital inputs	Four (4), each can be individually assigned to any relay
- application	Remote audio/visual alarm reset or override function
Analog outputs configurable for each input	(16) max., local plus remote, proportional, overload and short-circuit- protected, ext. load resistance $\leq$ 500 $\Omega$ 4-20 mA = measuring range; 3.0 < 4 mA = under range; > 20-21.2 mA = over range; 2.0 mA = fault
Fault relay	(1) 250 VAC, 5 A, normally closed, dry contact, SPST
Alarm relays	(32) max., local plus remote, 250 VAC, 5 A, normally open, dry contact, SPDT

### Operation Interface

LCD	Two lines, 16 characters each, illuminated
Status LED (4)	Green: Power-on Yellow: Fault (fail) Orange: 1 <sup>st</sup> Alarm Red: 2 <sup>nd</sup> Alarm
Operation	Six (6) push-buttons

### Interface Field Bus

Transceiver	RS-485 / 19200 Baud
Gases	Digital PolyGard®2 and analog sensors for toxic, combustible & refrigerant gases

### Environmental

Permissible ambient	
- working temperature	23°F to 104°F (-5°C to 40°C)
- storage temperature	-4°F to 104°F (-20°C to 40°C)
- humidity	15 to 95% RH, non-condensing
- working pressure	Atmospheric + 10%

### Physical

Enclosure (panel)	
- material	Polycarbonate, impact resistance EN 50102/IK08, flammability rating UL 94-5V

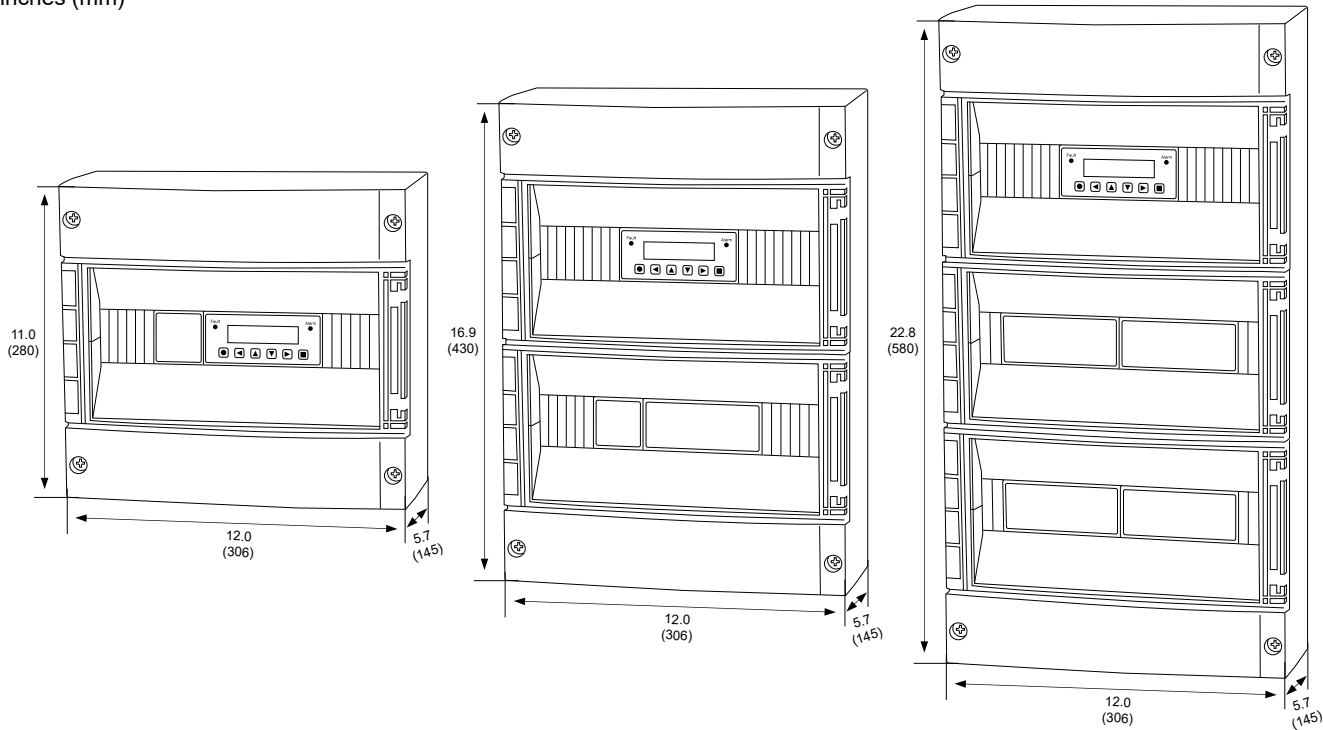
- conforms to	UL Type 1, UL 508 / UL 50 standards
- color	Light gray, smoked gray for cover
- protection	NEMA 4X (IP65)
- installation	Wall (surface) mounted
Cable entry, knock outs	10 holes for 1/2 in. conduit on top
Wire connections	Terminal blocks, Push-on connect and screw type for lead wire
Wire size	
- power supply input	Min. 16 AWG (1.5 mm <sup>2</sup> ) Max. 14 AWG (2.5 mm <sup>2</sup> )
- inputs/outputs	Min. 20 AWG (0.5 mm <sup>2</sup> ) Max. 16 AWG (1.5 mm <sup>2</sup> )
Enclosure type "A"	
- dimensions (H x W x D)	11.0 x 12.0 x 5.7 in. (280 x 306 x 145 mm)
- weight	7.7 lb (3.5 kg)
Enclosure type "B"	
- dimensions (H x W x D)	16.9 x 12.0 x 5.7 in. (430 x 306 x 145 mm)
- weight	10.4 lb (4.7 kg)
Enclosure type "C"	
- dimensions (H x W x D)	22.8 x 12.0 x 5.7 in. (580 x 306 x 145 mm)
- weight	13.9 lb (6.2 kg)
<b>Audible Alarm (Buzzer)</b>	Built-in
Acoustic pressure	85 db (distance 10 ft)
Frequency	3.5 kHz
<b>Conforms to</b>	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
<b>Warranty</b>	Two years material and workmanship

## OPTIONS

<b>Data Logger</b>	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
<b>Interface Modbus-RTU</b>	Transmission of current and average values, alarm and relay status, and analog output states in Modbus-RTU RS-485 protocol to external devices
<b>Interface BACnet-IP</b>	Technical data, function and protocol see datasheet C6-BAC
<b>Keylock</b>	"GC-LOCK"; keylock order separately per Encl Type: A=1, B=2, C=3

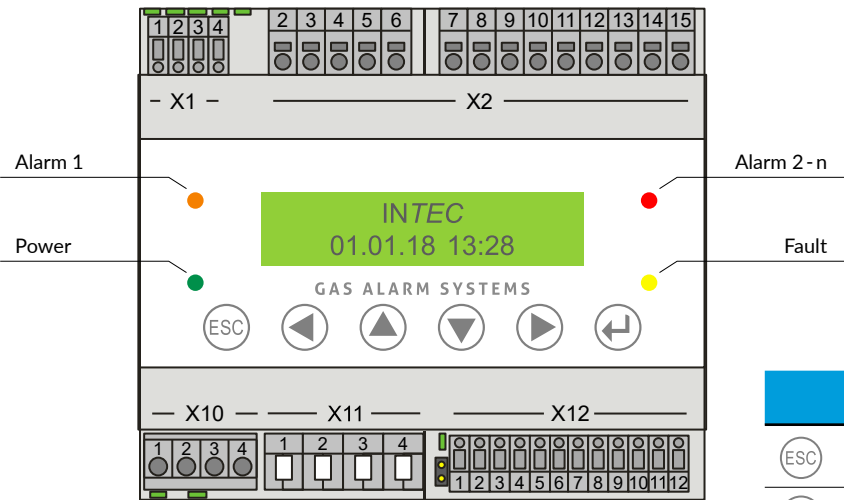
DIMENSIONS

inches (mm)



USER INTERFACE & CONTROLLER

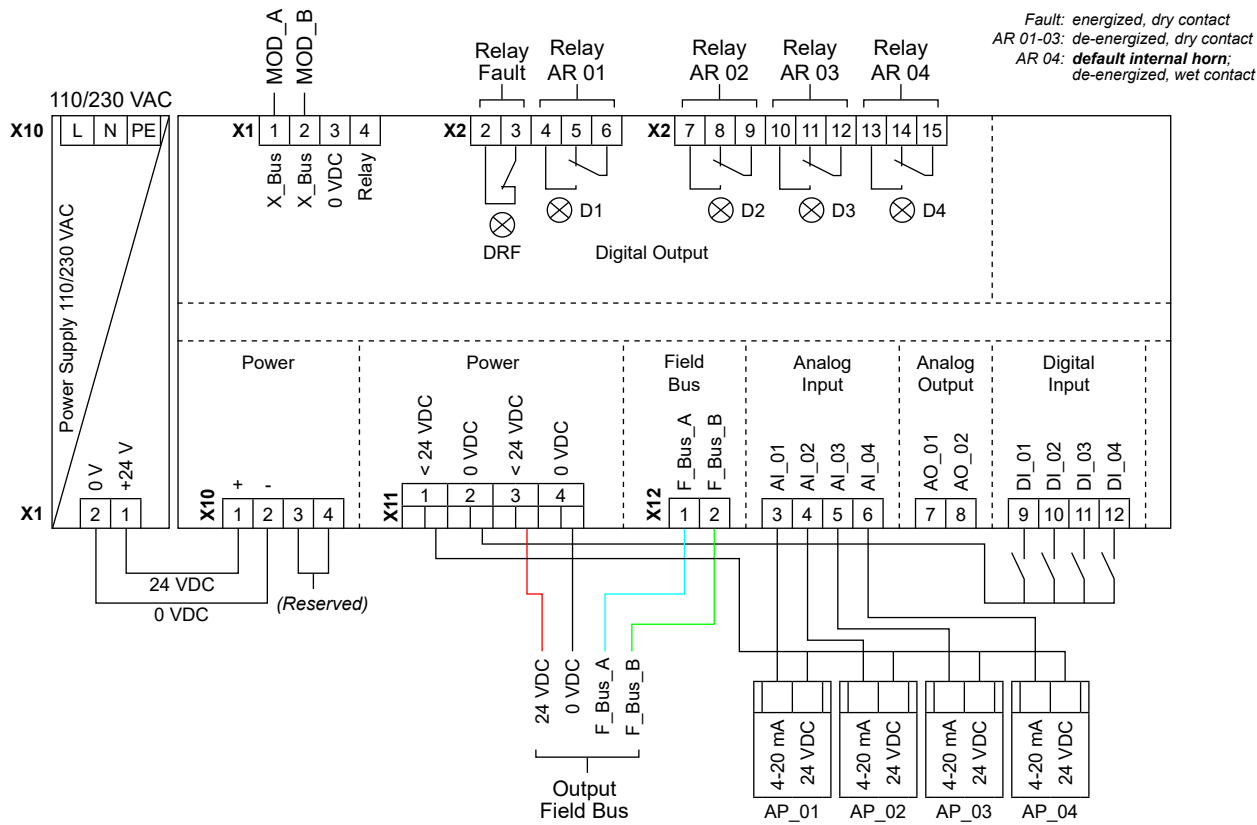
GC-06 Built-in Controller Programming Module



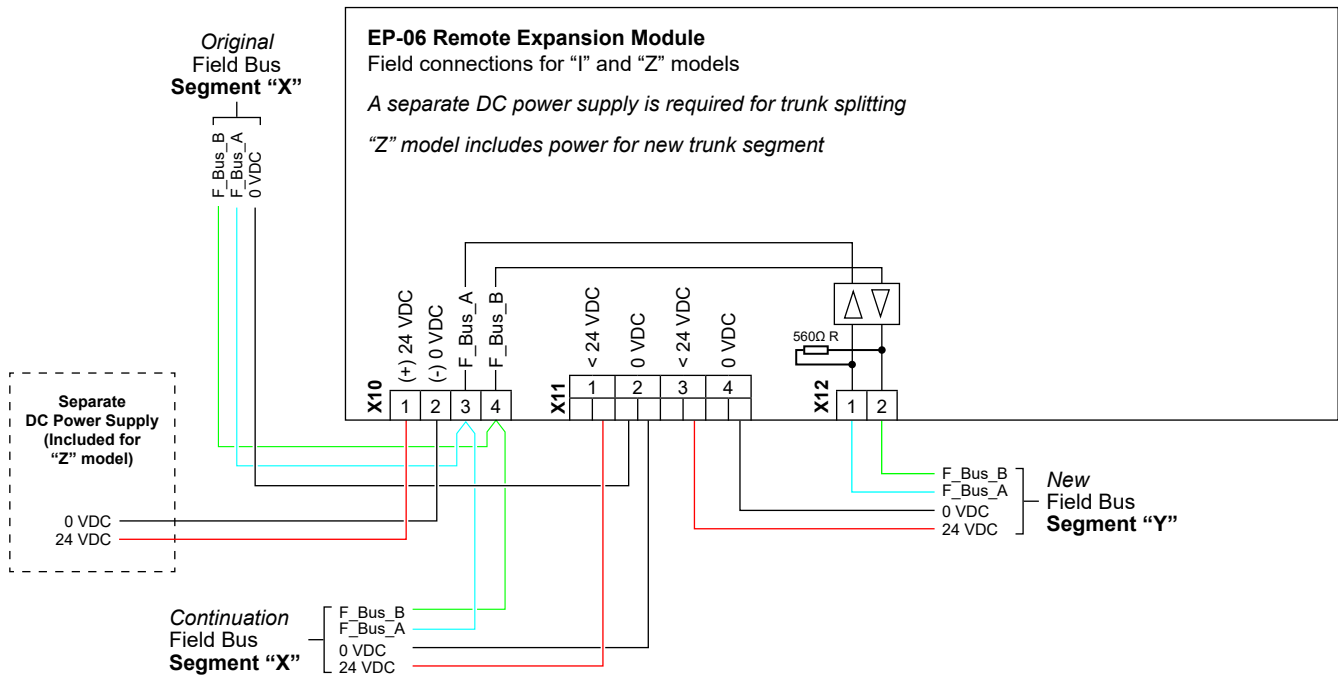
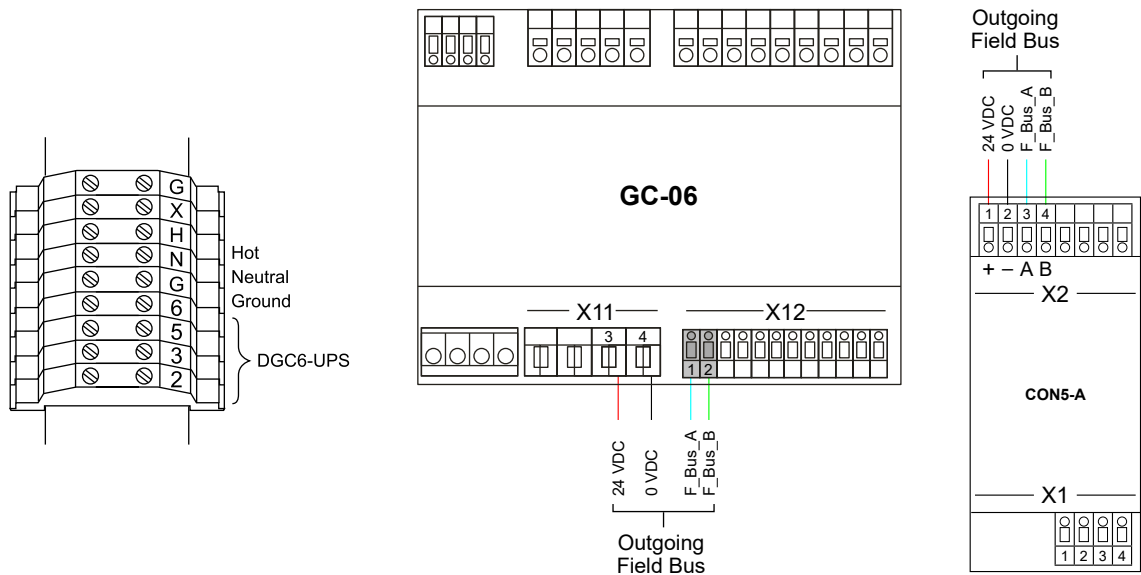
KEYPAD FUNCTIONS	
See DGC6 User Manual for Guidance	
	<ul style="list-style-type: none"><li>Exits programming</li><li>Returns to the previous menu level</li></ul>
	<ul style="list-style-type: none"><li>Enters sub menus</li><li>Saves parameter settings</li></ul>
	<ul style="list-style-type: none"><li>Scrolls up and down within a menu</li><li>Changes a value</li></ul>
	<ul style="list-style-type: none"><li>Moves the cursor position</li></ul>

WIRING CONFIGURATION

GC-06



FIELD BUS CONNECTIONS





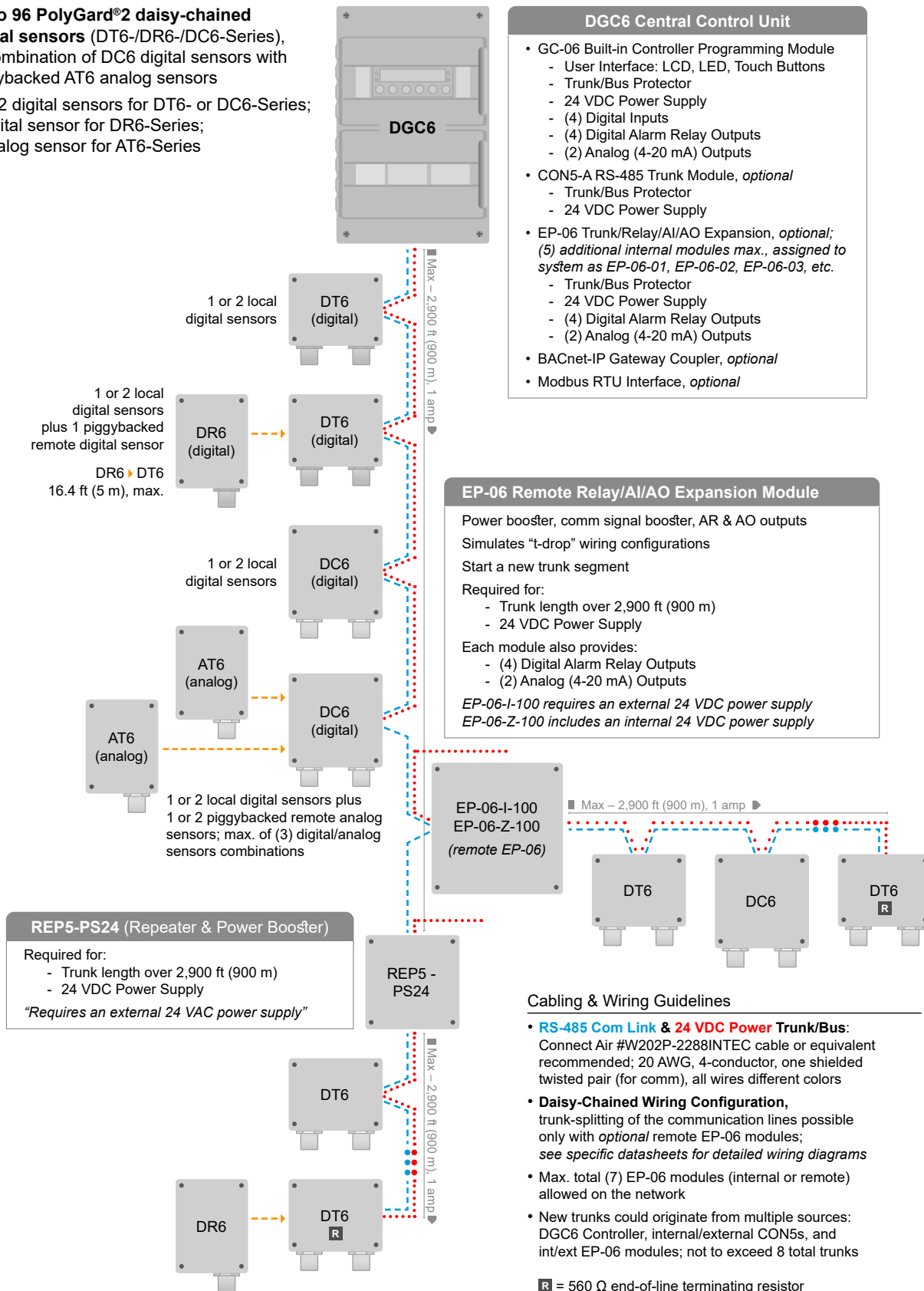
## PolyGard®2 DGC6 Multi-Point RS-485 Digital Gas Detection and Control System Network Overview

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

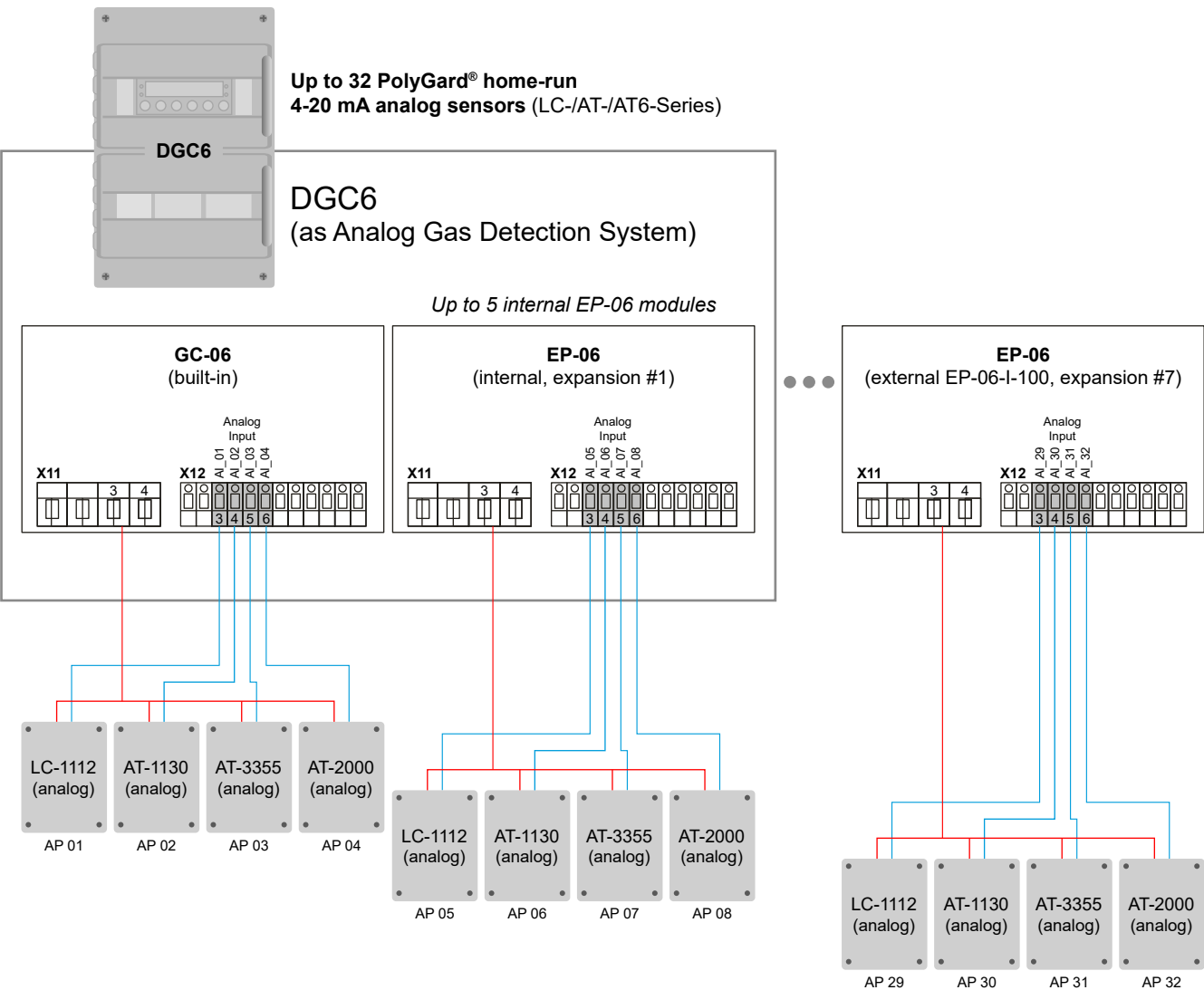
1 or 2 digital sensors for DT6- or DC6-Series;

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

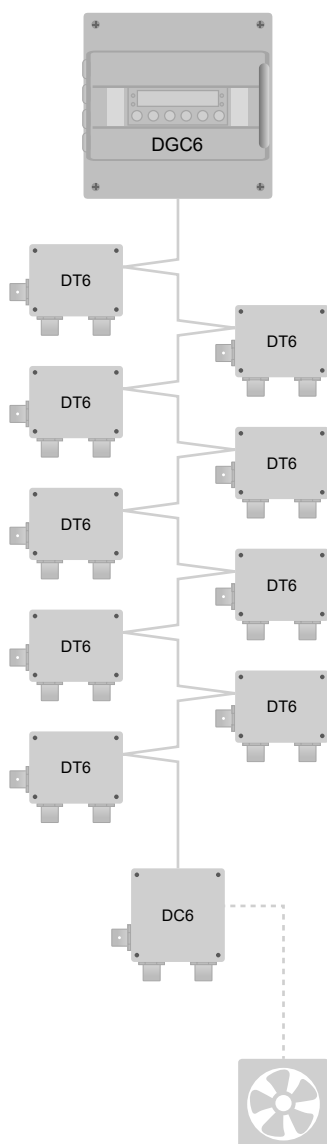
## TYPICAL SYSTEM CONFIGURATIONS

### One Floor Single Ventilation Zone

- CO and NO<sub>2</sub>
- ~50,000 sqft / 200 parking spaces

#### Part Numbers

- (1) DGC6-A-00-0000US  
– Digital Gas Controller
- (9) DT6-E1110-E-E1130-B-32  
– CO/NO<sub>2</sub> Combo w/Horn+LED option
- (1) DC6-E1110-E-E1130-B-43  
– CO/NO<sub>2</sub> Combo w/Horn+LED option

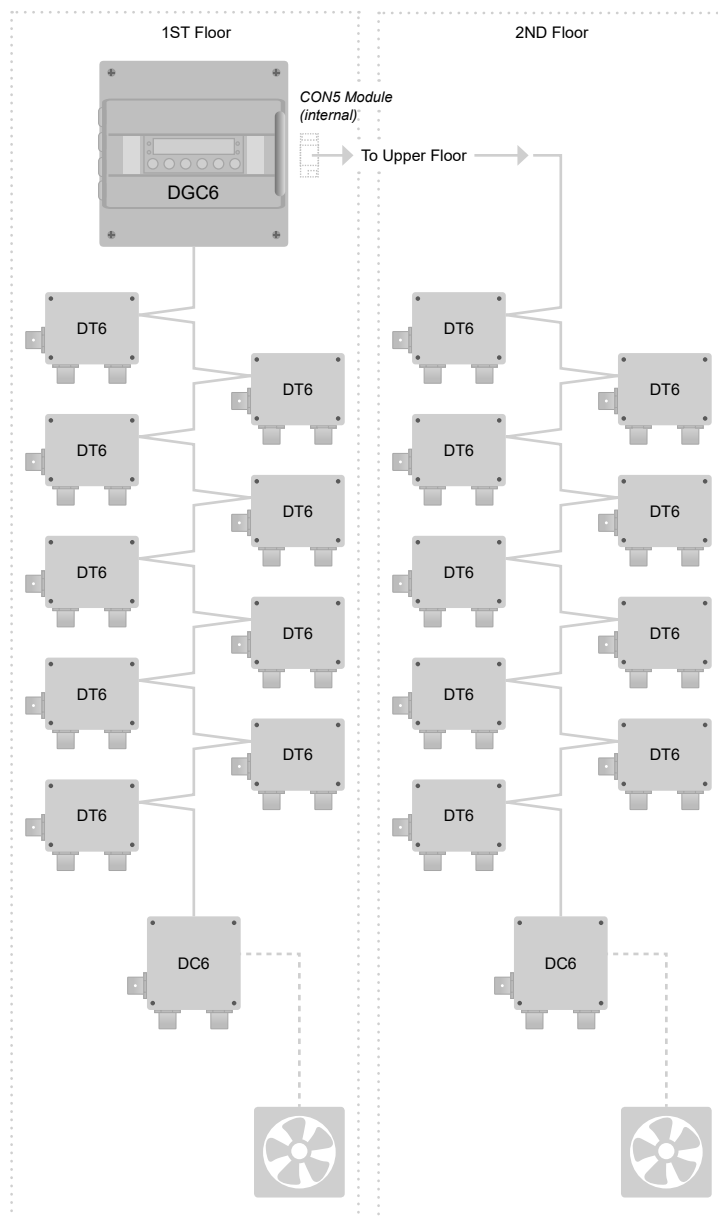


### Two Floors Two Ventilation Zones

- CO and NO<sub>2</sub>
- ~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/NO<sub>2</sub> Combo w/Horn+LED option
- (2) DC6-E1110-E-E1130-B-43  
– CO/NO<sub>2</sub> Combo w/Horn+LED option

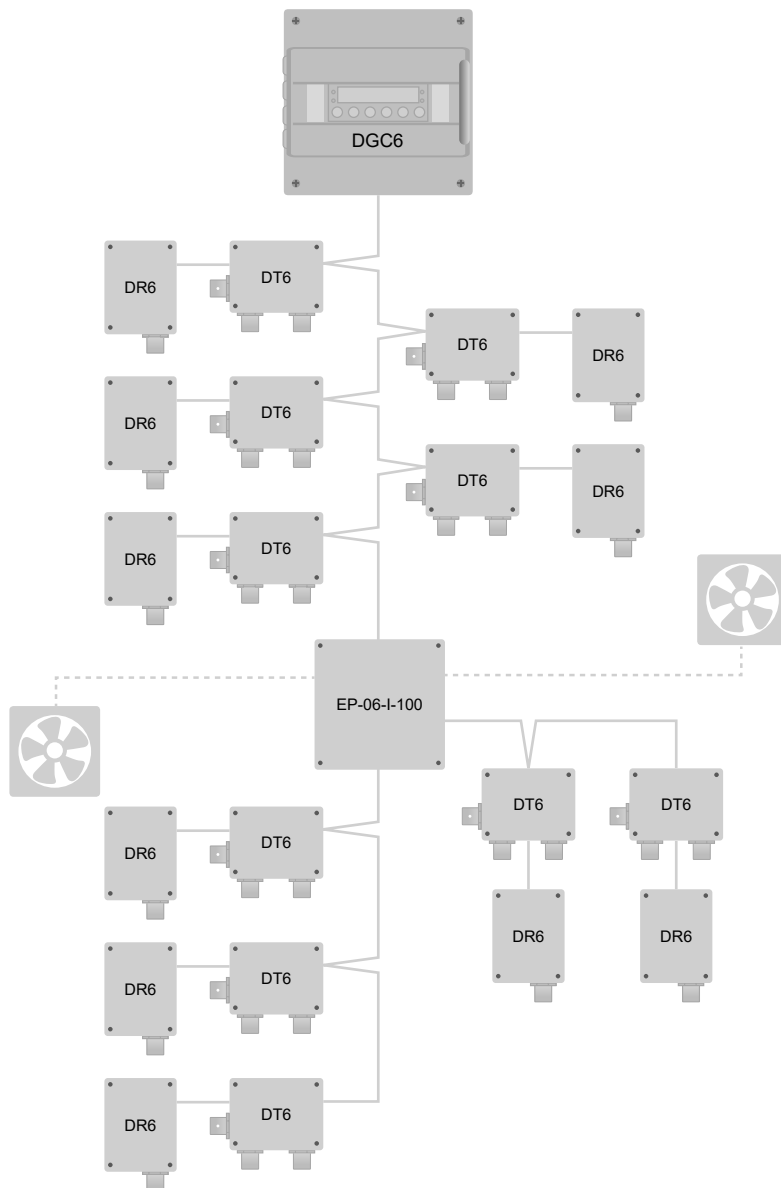


**TYPICAL SYSTEM CONFIGURATIONS (CONT...)**
**Package Sorting Facility  
One Ventilation Zone**

- CO and NO<sub>2</sub> 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 <sub>2</sub> 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 <sup>2</sup> ), min. 14 AWG (2.5 mm <sup>2</sup> ), 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	<b>PG2-DUCTKIT</b> 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

- 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

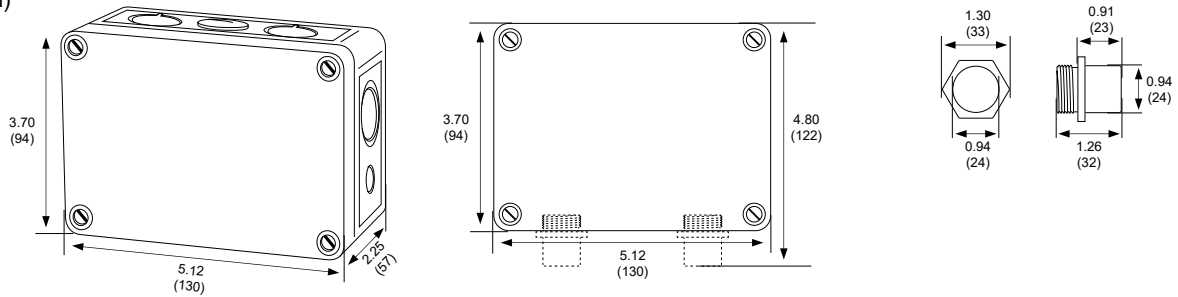
- carbon monoxide & nitrogen dioxide	
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

#### 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

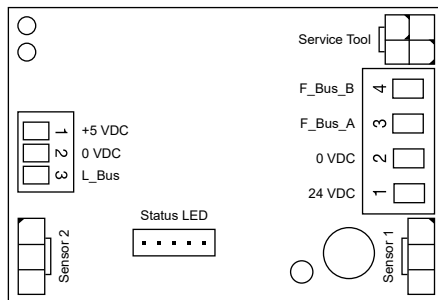
inches (mm)



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

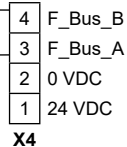
## WIRING CONFIGURATION

### DT6 Sensor Board

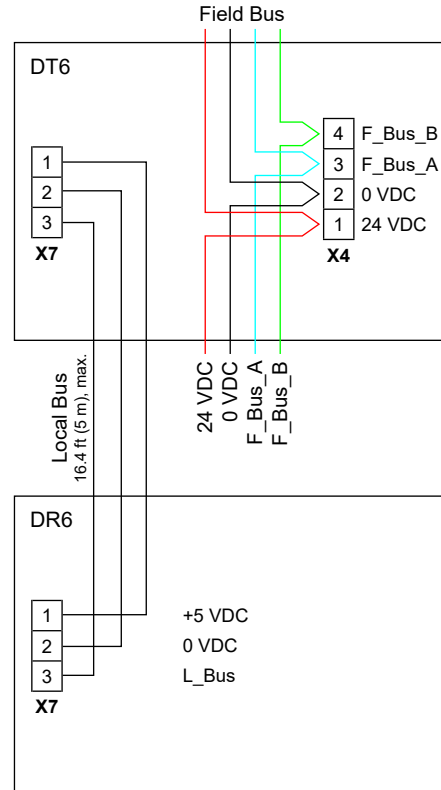


### DT6 Last Device on Trunk Segment

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



### DT6 with piggybacked DR6 remote transmitter





## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
<b>BUNDLED SENSORS AND CONTROLS</b>	
<b>DT6-E1110-E-02</b>	DT6, DGC6 Protocol, (1) 0-250 ppm CO sensor
<b>DT6-E1110-E-E1130-B-02</b>	DT6, DGC6 Protocol, (1) 0-250 ppm CO sensor, (1) 0-20 ppm NO <sub>2</sub> sensor
<b>DT6-E1110-E-E1130-B-32</b>	DT6, DGC6 Protocol, (1) 0-250 ppm CO sensor, (1) 0-20 ppm NO <sub>2</sub> sensor, Horn & status LED
<b>SENSOR PLATFORM</b>	
<b>DT6-02</b>	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 <sub>2</sub>	0-10 ppm	5-6
E1130-B	Nitrogen Dioxide	NO <sub>2</sub>	0-20 ppm	5-6
E1130-C	Nitrogen Dioxide	NO <sub>2</sub>	0-30 ppm	5-6
E1130-D	Nitrogen Dioxide	NO <sub>2</sub>	0-500 ppm	5-6
E1125-A	Ammonia	NH <sub>3</sub>	0-100 ppm	Ceiling
E1125-B	Ammonia	NH <sub>3</sub>	0-300 ppm	Ceiling
E1125-C	Ammonia	NH <sub>3</sub>	0-500 ppm	Ceiling
E1125-D	Ammonia	NH <sub>3</sub>	0-1000 ppm	Ceiling
E1193-C	Chlorine	Cl <sub>2</sub>	0-10 ppm	Floor
E1189-C	Ethylene	C <sub>2</sub> H <sub>4</sub>	0-200 ppm	5-6
E1185-B	Formaldehyde	CH <sub>2</sub> O	0-10 ppm	Floor
E1183-C	Hydrogen Cyanide	HCN	0-100 ppm	Ceiling
E1197-A	Hydrogen Sulfide	H <sub>2</sub> S	0-50 ppm	Floor
E1195-A	Oxygen	O <sub>2</sub>	0-25 Vol%	5-6
E1190-A	Ozone	O <sub>3</sub>	0-5 ppm	Floor
E1196-B	Sulfur Dioxide	SO <sub>2</sub>	0-20 ppm	Floor
#	INFRARED SENSORS <i>(Incompatible with DR6 module)</i>			Mounting Height (ft)
I1164-B	Carbon Dioxide	CO <sub>2</sub>	0-5 Vol%	5-6
I1164-C	Carbon Dioxide	CO <sub>2</sub>	0-2 Vol%	5-6
#	COMBUSTIBLE GASES			Mounting Height (ft)
P3485-A	Acetone	C <sub>3</sub> H <sub>6</sub> O	0-100% LEL	Floor
P3408-A	Ammonia	NH <sub>3</sub>	0-100% LEL	Ceiling
P3460-A	Butane	C <sub>4</sub> H <sub>10</sub>	0-100% LEL	Floor
P3472-A	Cyclopentane	C <sub>5</sub> H <sub>10</sub>	0-100% LEL	Floor
P3427-A	Ethyl Acetate	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	0-100% LEL	Floor
P3425-A	Ethyl Alcohol	C <sub>2</sub> H <sub>5</sub> OH	0-100% LEL	Floor
P3410-A	Ethylene	C <sub>2</sub> H <sub>4</sub>	0-100% LEL	Ceiling
P3496-A	Gasoline Vapors	-	0-100% LEL	-
P3491-A	Heptane	C <sub>7</sub> H <sub>16</sub>	0-100% LEL	Floor
P3435-A	Hexane	C <sub>6</sub> H <sub>14</sub>	0-100% LEL	Floor
P3440-A	Hydrogen	H <sub>2</sub>	0-100% LEL	Ceiling
P3476-A	Isopentane	C <sub>5</sub> H <sub>12</sub>	0-100% LEL	Floor
P3482-A	Isopropyl Alcohol	C <sub>3</sub> H <sub>8</sub> O	0-100% LEL	Floor
P3402-A	LPG	-	0-100% LEL	-
P3400-A	Methane	CH <sub>4</sub>	0-100% LEL	Ceiling
P3450-A	Methanol	CH <sub>3</sub> OH	0-100% LEL	Floor
P3458-A	Methyl Ethyl Ketone	C <sub>4</sub> H <sub>8</sub> O	0-100% LEL	Floor
P3475-A	Pentane	C <sub>5</sub> H <sub>12</sub>	0-100% LEL	Floor
P3480-A	Propane	C <sub>3</sub> H <sub>8</sub>	0-100% LEL	Floor
P3480-C	Propane	C <sub>3</sub> H <sub>8</sub>	0-5000 ppm	Floor
P3484-A	Propyl Alcohol	C <sub>3</sub> H <sub>8</sub> O	0-100% LEL	Floor
P3490-A	Toluene	C <sub>7</sub> H <sub>8</sub>	0-100% LEL	Floor

***Continues on next page...***

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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	
<b>PG2-DUCTKIT</b>	(1) Duct mounting kit for SC2 / AT6 sensor
<b>CALKIT-PG2-CO</b>	Carbon monoxide calibration kit for SC2 / AT6 sensors
<b>CALKIT-PG2-COMB</b>	Combustible calibration kit for SC2 / AT6 sensors
<b>CALKIT-PG2-NO2</b>	Nitrogen dioxide calibration kit for SC2 / AT6 sensors
<b>CALKIT-PG2-CO-NO2</b>	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 8, 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



## 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 8, Item d.

**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 8, Item d.

**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 8, Item d.

**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 8, Item d.

**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	<a href="mailto:ED@TPM.Biz">ED@TPM.Biz</a>	9 July 2025 @ 1330
B	Full Service Property Management	Scott Whitehead	(865) 900-9591	<a href="mailto:Scott@fullserviceproperty.org">Scott@fullserviceproperty.org</a>	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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## OFFICE OF THE CITY MANAGER

### AGENDA ITEM REPORT

**TO:** Honorable City Council

**FROM:** James A. Gallup, City Manager

**DATE:** July 31, 2025

**SUBJECT:** Recommendation of Award for TDEC ARP SWIG Wastewater System Improvements

---

#### BACKGROUND:

- McGill Associates, on behalf of Jefferson City, hosted bids for the TDEC ARPA Sewer Rehab Project. Two vendors submitted bids for consideration and are included in the attached certified bid tab provided by McGill Associates. **Morgan Contracting, Inc.** was tabulated lowest, responsive, responsible bidder with base bid of \$1,070,300 and additional alternate submitted totaling \$219,050.

#### FISCAL IMPACT:

- Funding for this project is through the TDEC ARP reimbursable grant program to which Jefferson City is allocated up to \$1.798M for reimbursement. These monies are being used to fund two projects: this Sewer Rehab project and the Sewer Asset Management Plan Project.
- Both projects, in toto, including the additional alternate for this project are within budget by approximately **\$151,736.61**.

#### REQUEST/RECOMMENDATION:

- Staff concurs with McGill Associate's recommendation to award the construction contract for the TDEC ARP SWIG Wastewater System Improvements to **Morgan Contracting, Inc.** for base bid (\$1,070,300) and additional alternate (\$219,050) for a total of **\$1,289,350**.

#### ATTACHMENTS:

- Letter of Recommendation & Certified Bid Tab from McGill Associates

July 21, 2025

Mr. James Gallup, MPPA  
City Manager  
112 City Center Drive  
Jefferson City, Tennessee 37650

RE: Bid Opening Results and Recommendation  
TDEC ARP SWIG Wastewater System Improvements  
City of Jefferson City  
Jefferson County, Tennessee

Dear Mr. Gallup:

On June 30, 2025, at 10:00 AM EDT, Jefferson City received two (2) bids in person for the Wastewater System Improvements project. The bids were received in person by Jamie Carden (McGill Associates, engineer of record). The bid package identified the project scope and highlighted the components for consideration.

In the bid package, contractors were also provided with a bid schedule consisting of a Base Bid, an Alternate, and an Additive Alternate item. At the time called to open bids (10:00 AM EDT), two (2) bids were received in person, with all conforming documents, in accordance with the Instructions to Bidders, Advertisement for Bid, and Addendum #1 and recorded by McGill Associates, PA. The bid results are listed as follows:

- Morgan Contracting, Inc. (LOW) \$1,070,300.00 (Base Bid)
  - \$182,000.00 (Alt #1)
  - \$219,050.00 (Add Alt #2)
  
- Brabston, Inc. \$1,613,408.00 (Base Bid)
  - \$202,150.00 (Alt #1)
  - \$482,010.00 (Add Alt #2)

*Note: The Additive Alternates will depend on field conditions as well as available funding in order to be awarded and does not alter the selection of lowest bidder shown above.*

Morgan Contracting, Inc. of Knoxville, TN holds an Unlimited General Contracting License with the Tennessee Licensing Board for General Contractors. Morgan Contracting, Inc. appears to have the capability to complete the work required for the project in accordance with the construction plans and specifications.



Mr. James Gallup, MPPA, City Manager  
July 21, 2025  
Page 2 of 2

Section 8, Item f.

Therefore, McGill Associates recommends that Jefferson City award the construction contract for the "TDEC ARP SWIG Wastewater System Improvements" to Morgan Contracting, Inc. for the base bid (\$1,070,300.00) + the Additive Alternate (\$219,050.00) for a total of \$1,289,350.00.

Upon approval of this construction contract, we would immediately request all necessary contract documents to be processed to expedite the start of the project. If you have any questions regarding this matter or require additional information, please do not hesitate to contact me.

Sincerely,  
**McGILL ASSOCIATES, P.A.**



**JAMIE CARDEN, PE**  
Principal

Enclosures: Certified Bid Tabulation

cc: Bettina Chandler, City of Jefferson City

<b>CERTIFIED BID TABULATION</b>  <b>2024 ARP SWIG Wastewater System Improvements</b> <b>City of Jefferson City</b> <b>BID OPENING: June 30, 2025 @ 10:00 AM EDT</b> <b>McGill Project Number: 24.06009</b>				<b>MORGAN CONTRACTING</b> <b>900 DUTCH VALLEY DRIVE, KNOXVILLE, TN 37918</b> <b>VINCENT BAYLES</b> <b>865.444.0912</b> <b>VBAYLES@MORGAN1.COM</b>		<b>BRABSTON, INC.</b> <b>1455 HARRIS ROAD, KNOXVILLE, TN 37924</b> <b>JAMES KOONTZ</b> <b>865.500.7002</b> <b>JAMES@BRABSTONINC.COM</b>	
<i>Bid Opened</i>				<input checked="" type="checkbox"/>	X	<input checked="" type="checkbox"/>	X
<i>Bid Bond (5%)</i>				<input checked="" type="checkbox"/>	X	<input checked="" type="checkbox"/>	X
<i>All Addenda Acknowledged</i>				<input checked="" type="checkbox"/>	X	<input checked="" type="checkbox"/>	X
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization (3% maximum)	1	LS	\$ 32,000.00	\$ 32,000.00	\$ 46,990.00	\$ 46,990.00
2	Reconnection to Existing Sewer	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 8,556.00	\$ 8,556.00
3	Connect to Existing Manhole	1	EA	\$ 15,000.00	\$ 15,000.00	\$ 8,556.00	\$ 8,556.00
4	Casing Pipe Installation #1 (Sta. 28+00 to 29+50) - Includes approximately 145 LF 20" Steel Casing Pipe by Jack & Bore	1	LS	\$ 152,000.00	\$ 152,000.00	\$ 280,475.00	\$ 280,475.00
5	Casing Pipe Installation #2 (Sta. 23+40 to 24+05) - Includes approximately 65 LF 20" Steel Casing Pipe by Jack & Bore	1	LS	\$ 88,000.00	\$ 88,000.00	\$ 189,900.00	\$ 189,900.00
6	12" CL350 DIP Gravity Sewer (all depths)	295	LF	\$ 550.00	\$ 162,250.00	\$ 430.00	\$ 126,850.00
7	12" SDR35 PVC Gravity Sewer (all depths)	765	LF	\$ 200.00	\$ 153,000.00	\$ 443.00	\$ 338,895.00
8	15" SDR35 PVC Gravity Sewer (all depths)	250	LF	\$ 285.00	\$ 71,250.00	\$ 411.00	\$ 102,750.00
9	Existing Sewer Manhole Demolition and Abandonment (all depths)	5	EA	\$ 3,800.00	\$ 19,000.00	\$ 2,548.00	\$ 12,740.00
10	4' Diameter Manhole w/ Standard Frame and Cover (0-8' Depth)	6	EA	\$ 10,600.00	\$ 63,600.00	\$ 13,905.00	\$ 83,430.00
11	4' Diameter Manhole w/ Standard Frame and Cover (8'+ Depth)	3	EA	\$ 16,400.00	\$ 49,200.00	\$ 18,585.00	\$ 55,755.00
12	Single Sewer Service Connection/Reconnection with Cleanout	6	EA	\$ 2,500.00	\$ 15,000.00	\$ 7,211.00	\$ 43,266.00
13	Double Sewer Service Connection/Reconnection with Cleanout	5	EA	\$ 3,600.00	\$ 18,000.00	\$ 7,511.00	\$ 37,555.00
14	Additional 4" PVC Service Line (as directed by Engineer)	100	LF	\$ 140.00	\$ 14,000.00	\$ 184.00	\$ 18,400.00
15	Additional 6" PVC Service Line (as directed by Engineer)	600	LF	\$ 130.00	\$ 78,000.00	\$ 187.00	\$ 112,200.00
16	Point Repair for all sizes (up to 20 LF maximum) (full stone backfill) (As directed by Engineer)	2	EA	\$ 20,000.00	\$ 40,000.00	\$ 18,390.00	\$ 36,780.00
17	Cut, Cap and Abandon In Place Existing Sewer Line	4	EA	\$ 3,500.00	\$ 14,000.00	\$ 2,145.00	\$ 8,580.00
18	Asphalt Drive Repair (per detail)	375	LF	\$ 100.00	\$ 37,500.00	\$ 186.00	\$ 69,750.00
19	Miscellaneous Stone Backfill (as directed by Engineer)	100	TON	\$ 100.00	\$ 10,000.00	\$ 76.00	\$ 7,600.00
20	Miscellaneous Concrete (as directed by Engineer)	20	CY	\$ 500.00	\$ 10,000.00	\$ 470.00	\$ 9,400.00
21	Water Tight Manhole Frame & Cover (as directed by Engineer)	5	EA	\$ 3,700.00	\$ 18,500.00	\$ 2,996.00	\$ 14,980.00
<b>BASE BID TOTALS</b>					<b>\$ 1,070,300.00</b>		<b>\$ 1,613,408.00</b>

Section 8, Item f.

<b>CERTIFIED BID TABULATION</b>  <b>2024 ARP SWIG Wastewater System Improvements</b> <b>City of Jefferson City</b> <b>BID OPENING: June 30, 2025 @ 10:00 AM EDT</b> <b>McGill Project Number: 24.06009</b>		<b>MORGAN CONTRACTING</b> <b>900 DUTCH VALLEY DRIVE, KNOXVILLE, TN 37918</b> <b>VINCENT BAYLES</b> <b>865.444.0912</b> <b>VBAYLES@MORGAN1.COM</b>	<b>BRABSTON, INC.</b> <b>1455 HARRIS ROAD, KNOXVILLE, TN 37924</b> <b>JAMES KOONTZ</b> <b>865.500.7002</b> <b>JAMES@BRABSTONINC.COM</b>
<i>Bid Opened</i>		<input checked="" type="checkbox"/> X	<input checked="" type="checkbox"/> X
<i>Bid Bond (5%)</i>		<input checked="" type="checkbox"/> X	<input checked="" type="checkbox"/> X
<i>All Addenda Acknowledged</i>		<input checked="" type="checkbox"/> X	<input checked="" type="checkbox"/> X

Section 8, Item f.

**TDEC ARP SWIG WASTEWATER SYSTEM IMPROVEMENTS**  
**CITY OF JEFFERSON CITY**  
**ALTERNATE 1 BID SCHEDULE**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
5A	Casing Pipe Installation #2 (Sta. 23+40 to 24+05) - Includes approximately 65 LF 20" Steel Casing Pipe by <b>Open Cut</b>	1	LS	\$ 182,000.00	\$ 182,000.00	\$ 202,150.00	\$ 202,150.00
<b>ALTERNATE 1 BID TOTALS</b>					\$ 182,000.00		\$ 202,150.00

**TDEC ARP SWIG WASTEWATER SYSTEM IMPROVEMENTS**  
**CITY OF JEFFERSON CITY**  
**ADDITIVE ALTERNATE 2 BID SCHEDULE**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
201	16" DR17 HDPE (IPS) Gravity Sewer Installed by Pipe Bursting (includes Pre and Post CCTV, cleaning)	770	LF	\$ 265.00	\$ 204,050.00	\$ 597.00	\$ 459,690.00
202	Rehabilitate Existing Manhole (3)	30	VF	\$ 500.00	\$ 15,000.00	\$ 744.00	\$ 22,320.00
<b>ADDITIVE ALTERNATE 2 BID TOTALS</b>					\$ 219,050.00		\$ 482,010.00

**Corrected mathematical error on submitted bid.**

This is to certify that the bids tabulated herein were publicly opened and read aloud at 10:00 AM on the 30th day of June 2025, at the City of Jefferson City, 112 City Center Drive, Jefferson City, Tennessee 37760 and that said bids were accompanied by acceptable certified checks or bidder's bonds in the amount of 5% of the bid.



McGill Associates, PA  
3231 Middlebrook Pike  
Knoxville, TN 37921  
865.540.0801

Jamie Carden, PE  
License # 106014



07/21/25

## JEFFERSON CITY, TENNESSEE

### Resolution 2025-22

#### **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 (4<sup>th</sup>) 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 on this 4<sup>th</sup> day of August, 2025.

\_\_\_\_\_  
Mitch Cain, Mayor

\_\_\_\_\_  
Bettina Chandler, City Recorder

Approved as to Form and Legality this 4<sup>th</sup> day of August, 2025

\_\_\_\_\_  
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 (4<sup>th</sup>) 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