

August 2024



Monthly *Caretaker* Report



Andy Souza, Public Works Director
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To: Jeff Meisel, City Manager

RE: Public Works Monthly Report for August 2024

Available on the City's Website: <https://www.bgky.org/publicworks>

Date: Submitted **31 August 2024**

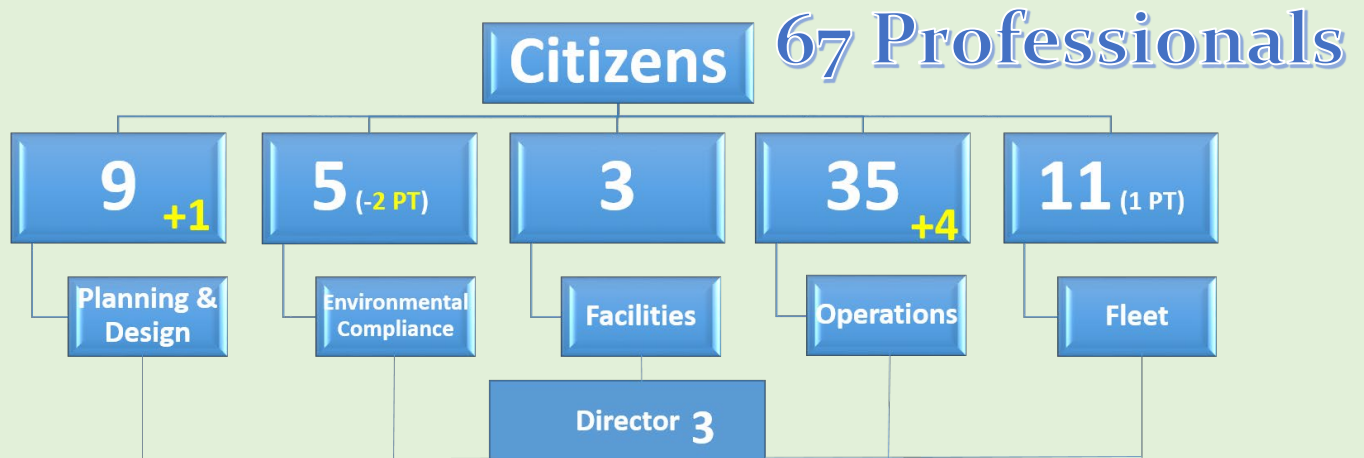


Figure 1- Our Operations Concrete team constructed a wall at the College Street Parking Garage to support the development of the space into a food truck rally point and picnic area called The Fringe (2-6 August)



Operations Update

Ryan Johnson, Operations Manager
270-393-3202 (office)

- **Summary-** Operations completed **114 work orders** in August (107 for July). Operations repaired/installed **4 traffic signal** and **64 signs**. Operations also spent **49** hours painting curbs and street markings.

Current Month (August 2024)



**Potholes
Repaired**
4



**Street
Sweeping
Hours/miles**
146/273



**L/ft
Sidewalks
Repaired**
63



**Tons of
Asphalt Used**
38.7

Previous Month (July 2024)

9

107/300

45

4.52



Figure 2- Operations Maintenance Technician II Timmy Cowles (Left) and Operations Maintenance Technician III Matt White (Right) install a new stormwater drain along Gordon Ave as part of the new greenway (5 August)

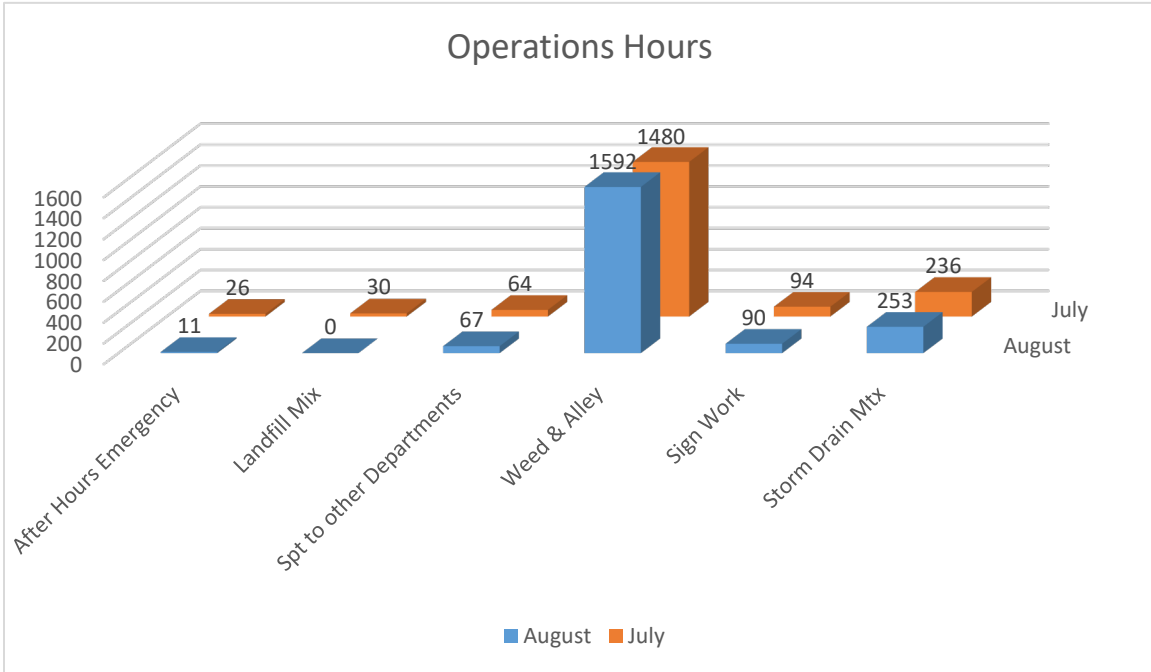


Figure 3- Operations Hours (July-August)



Figure 4- Operations team members participated in the American Public Works Association (APWA) RoadEO in Louisville, KY. (Left to right) Doug Hoots, Josh Miller, Matt White and (also pictured in the right photo) Charles Gray Jr. RoadEO provides a chance to test equipment skills and meet other professionals from across the state. (7 August)

Operations Highlight #1

31 July

2 August

5 August

31 July

The Fringe Support
College Street
Progress: 24 July-14 August

Operations Highlight #1 Continued

2 August

Injection well sealing

13 August

Bollard Install Prep

13 August

Bollard Install

14 August

Complete

The Fringe Support
College Street
Progress: 24 July-14 August

Operations Highlight #2



Alley Paving
Between E 12th Ave & E 13th Ave
Completed: 14 August

Operations Highlight #3



On Call Response- Storm Damage
Euclid Ave
Completed: 17 August (6-9 PM)



Planning & Design Update



Melissa Cansler, City Engineer
270-393-3212 (office)



Plats Reviewed



Subdivision Inspections



ROW Permits



CDR Reviews

7	6	14	11
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- **Bluegrass Farms Blvd Pre-construction kick-off meeting-** On 14 August the team held the preconstruction meeting and gradwork began immediately after for the roadway itself as well as drywell testing and stormwater retention basin work.
- **West End Greenway Construction -** Construction continued along Gordon Ave and Veterans Memorial Lane. Intersection work to improve pedestrian crossing safety began late in the month.
- **Highland Way & Westen St Roundabout completed** – The roundabout was completed and open to traffic on Friday, 16 August. Tie-in asphalt work on adjacent properties’ drive entrances was completed during the week of 19 August. This was the final roundabout for the Westen St. alignment.
- **Habitat for Humanity Meeting-** On 21 August members from Planning and Design, Environmental Compliance and the Director met at Habitat for Humanity’s location on Regis O’Connor Blvd. to discuss plans for city acceptance. Prior to recommending the property to the Board of Commissioners for acceptance, it must pass inspection for streets, sidewalks, stormwater, ADA and other milestones.
- **Highland Way Greenway RFP Update –** The City surveyor has begun property research and the field survey will commence next month. Design work will begin once the survey is complete.
- **Riverview Pedestrian Islands Update-** In-house staff completed the preliminary design this month that will now need to be reviewed by KYTC. Once complete, bid documents will be developed with NCS to meet all the grant guidelines.



Figure 5-Construction Coordinator II Daniel Colter assists with planning efforts for future River Front Pedestrian Bridge enhancements (13 August)

- **Greenhill St./Veteran’s Memorial Blvd. Signal Update-** Staff contacted KYTC regarding the delay to the Greenhill Street extension project (FEMA paperwork). The signal was only approved given the buildout of the Greenhill Street connection. However, the City urged KYTC to consider moving forward with the design and install given proximity of the adjacent Keystone Commons subdivision, proximity to the greenway trail as well as Preston Miller Park. After discussion with both local and state KYTC staff we were approved to more forward with design. Quotes for this work are pending as well as discussions and final agreement with the Keystone Commons developers to split the cost of design and install (as previously agreed upon).
- **Scottsville Road Sidewalk Scoping Meeting-** On 22 August the planning staff met, MPO and City-County Planning Commission staff walked the area from Campbell Lane to Three Springs Road. A request to approve funding for survey and design work will be submitted for approval at the 3 September Board of Commissioners meeting.
- **New Sidewalk Program -** Sidewalk along Morgantown Road from Old Morgantown Road to Loop Drive was completed this month. Additionally, the sidewalk along Rockingham Drive from Karen Ave. to the roundabout at Westen St. was finished.

Commercial Development Inspections



Week	New Permits	Sites Inspected
August 5	22	28
August 12	17	47
August 19	19	73
August 26	11	46
August Totals	69	194

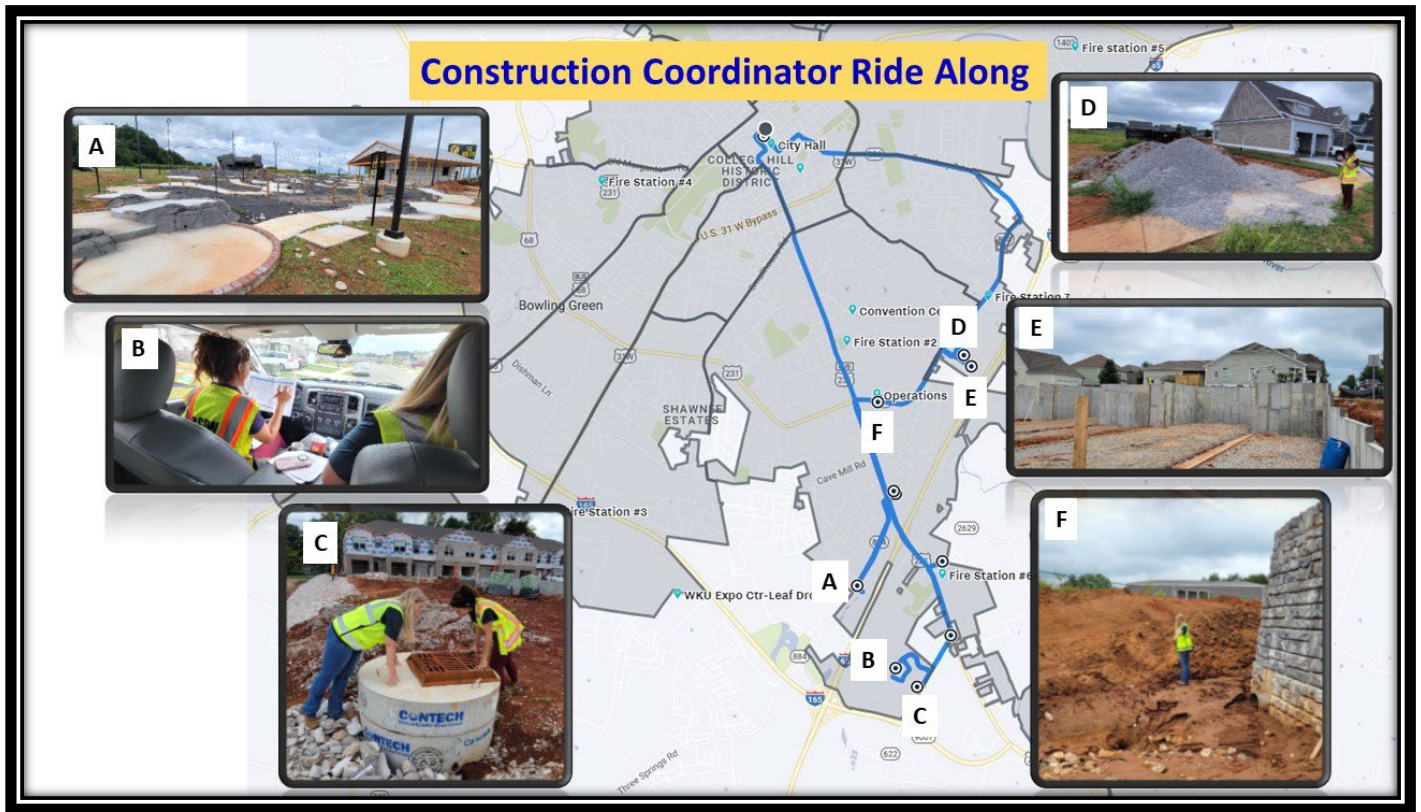


Figure 6-Director Andy Souza did a ride along with Construction Coordinators Dara Price and Journee Nickson. The route is captured in blue. A.) Erosion check at the future mini golf site on Three Springs Road. B.) Confirming the construction matches the plans in the Magnolia Hills Subdivision. C.) Inspecting a hydrodynamic separator near Plano Road. These mechanisms help remove sediment, trash, debris and hydrocarbons from stormwater runoff. D.) Annotating sidewalk condition near Traditions Blvd. E.) Inspecting drainage and retention walls at a construction site along Traditions Blvd. F.) Coordinating with the City Geologist on a possible sinkhole near Lovers Lane. (19 August)



Figure 7- The roundabout at Highland Way and Westen St before signage and striping (15 August)

Planning & Design Highlight #1

28 May

1



12 August

3



23 July

2



15 August

4



Roundabout Construction
Highland Way & Westen Ave
Conducted: May – August 2024



12 August

Roundabout



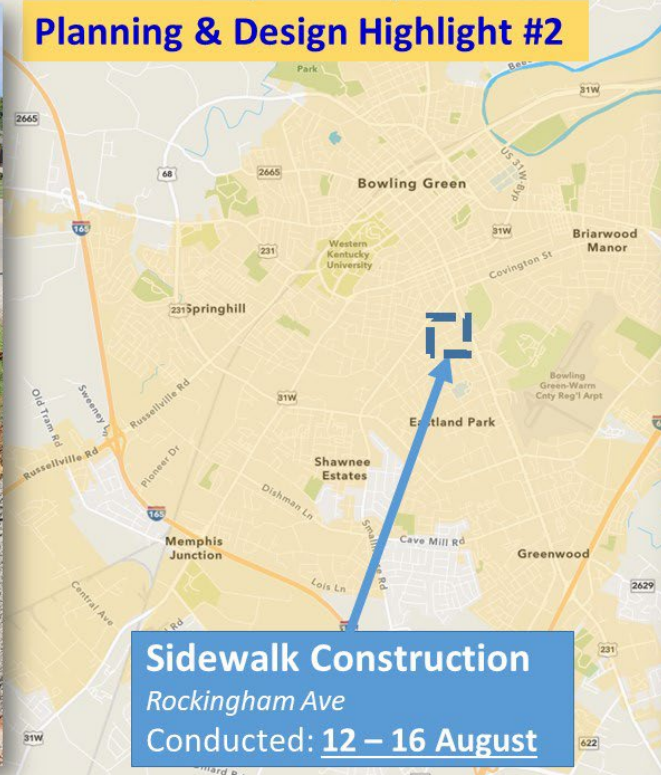
Planning & Design Highlight #2

15 August

Roundabout



Sidewalk Construction
Rockingham Ave
Conducted: 12 – 16 August





Environmental Compliance Update



Matt Powell, Environmental Manager
270-393-3071 (office)

- **Whispering Hills Stormwater Improvement Project**-The Division is working closely with Planning and Design as well as the Federal Emergency Management Agency to effect improvements to the culvert at Whispering Hills BLVD. The goal is to replace the existing culvert with a larger one to reduce the size of the floodplain in the area, reducing the cost of homeowner’s insurance for several families. The project difficulty has been much greater than expected as the existing floodplain map extent is unsupported by modern analysis methods. As the maps are federally statutory the process for making a change such as we’ve proposed is complex. Our collaboration with the Kentucky Division of Water to remap the region to enable our work is the first project of its kind in the State of Kentucky.
- **Stormwater Demo Site at Glen Lily**- Inspired by the Division’s training experience at the University of Auburn in the spring, Courtenay Howell is working with a broad list of industry partners and local contractors to create a similar demonstration space in support of the City’s Erosion Prevention Sediment Control Contractor Certification program. The space is expected to be ready for the Muddy Water Blues Regional Training Event to be held in November. Once again, this effort is the first of its kind in the State of Kentucky.

Environmental Compliance Highlight #1

Bluegrass Farms BLVD Injection Well
Contractor drilled beyond recommended depth and encountered natural gas. Well was cordoned off and must be plugged to Kentucky Division of Oil and Gas Standards. In this instance the 288’ deep well must be dewatered and fill to the surface with No. 1 cement grout.

Bowling Green KY
309°NW (T) 36°54'47"N, 86°25'32"W ±9ft ▲ 574ft

MCM6 Project Management
Matt Powell EGD
Bluegrass Farms
23 Aug 2024 15:36:48

Staff reading of the gas emanating from the well indicates it was in the explosive range and toxic.

This map illustrates the geologic units in the area, the blue indicates the St. Genevieve Limestone and the green indicates the St. Louis. Both formations are highly karst and fractured.



Facilities Update

Dave Hehner, Facilities Management
270-393-3055 (office)



62-Work Orders

	Plumbing 	HVAC 	Electrical 	Carpentry 	Cleaning 	Construction 	Other
PW Admin	1			1			
PW Ops				1			
PW Fleet	3		6				1
City Hall			1				1
CH Annex			6	3			3
NCS	1	1	2	2			2
BGPD	1	2		3			2
Fire HQ		1					
Fire #1		2					
Fire #2	1						
Fire #3		1					
Fire #4	1		3	2			1
Fire #5							
Fire #6							
Fire #7			2				1
Fire #8	1			1			
Convention Ctr		1					
Hobson House							2
White House							
Totals	8	8	20	12			11



Figure 8- Facilities Maintenance Technicians Caleb Houtchen (left) and Kenny Woods (right) move conduit at the NCS building (14 August)



Figure 9- Facilities Manager Dave Hehner oversees air conditioner compressor repair work at the Convention Center (15 August)



Fleet Update

Denise Gilland, Fleet Manager
270-393-3201 (office)



Month Summary- Enterprise Fleet Management Update: 20 of 21 cars purchased for FY '25. The Information Technology Department was able to push an upgrade to our AssetWorks software allowing for more transparency to the customer when dropping a vehicle off for service.

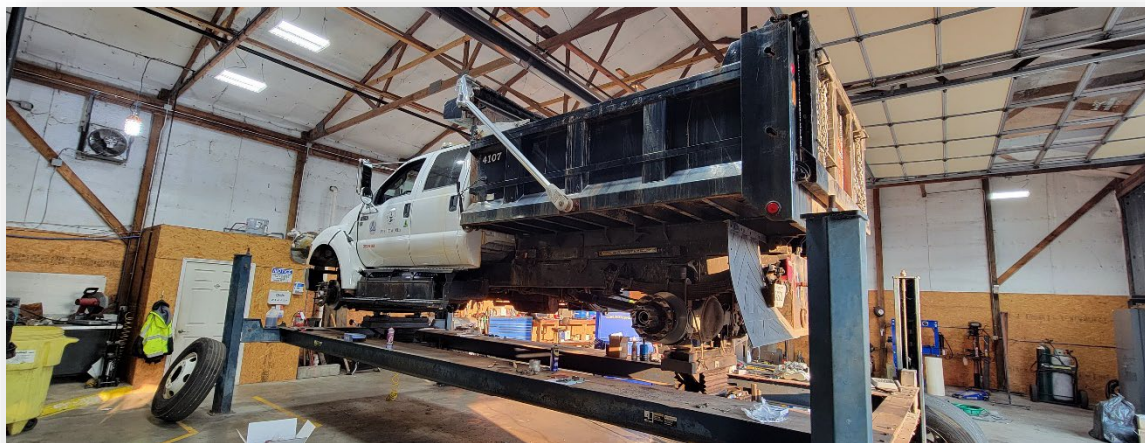
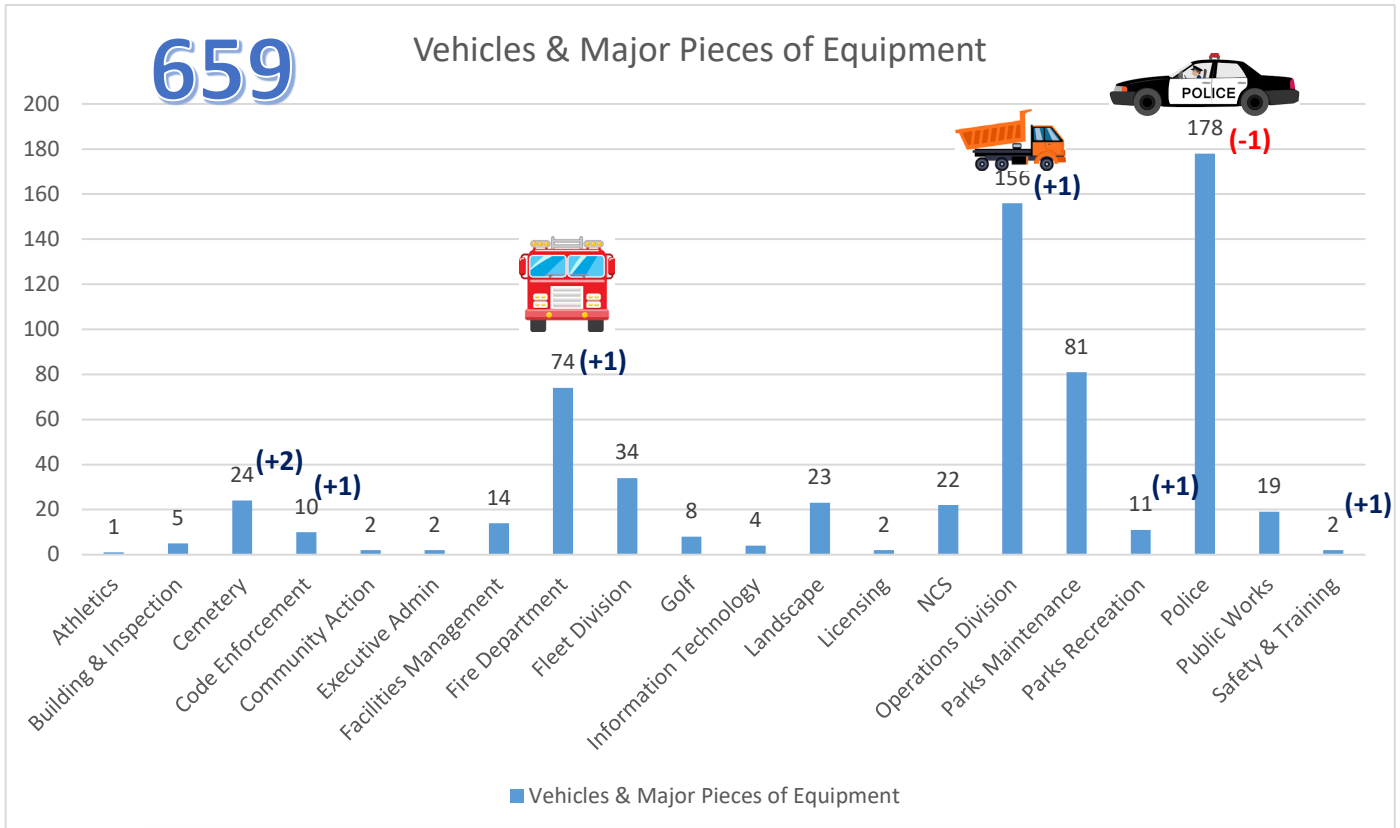



















Figure 10-The Fleet Division is working early to prepare our plows for the snow season. This unit required a new gas tank and brakes. Road deicer is very corrosive to our vehicles and requires vigilance to mitigate salt erosion. (29 August)

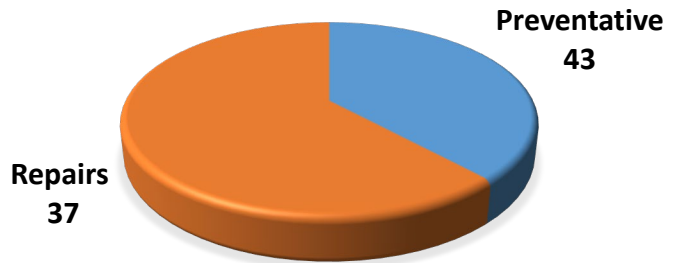
City Leased Equipment

Public Works  4	BYPD  2	BYPD  1	Parks Maintenance  2	PW Fleet  2	Cemetery  1	Code Enforcement/ Building Inspection  3
 1	 4	 1	 1	 HR/Safety		
Landscape  2	NCS  1	PW Ops  1	IT  1	 1		

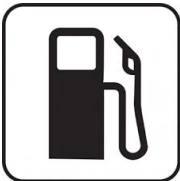



Total Parts used in August

240
(233 July)

WORK ORDER TYPES



City Fleet Monthly Usage (Previous Month)

July		 diesel		
	16.8K	4.4K	109	\$59,201
June	17.1K	4.1K	82	\$58,658
	Gallons	Gallons	Gallons	Dollars



Admin Update



Promotion	Operations Division	The Board of Commissioners approved Municipal Order 2024-162 for the promotion of Charles Gray to Operations Maintenance Technician-III on 6 August .
New Hires	Operations Division	The Board of Commissioners approved Municipal Order 2024-163 for the probationary appointments of David Adams, James Joiner, Dustin Meador and Zane Ward to the position of Operations Maintenance Technician-I on 6 August .
New Hires	Planning and Design Division	The Board of Commissioners approved Municipal Order 2024-164 for the probationary appointment of Trevor Cline to the position of Civil Engineer-I on 6 August .
Maintenance Agreement	Planning and Design Division	The Board of Commissioners approved Municipal Order 2024-173 approving construction and accepting maintenance of Advantage Drive and Rail Right-of-Way and Maintenance Agreement between the City of Bowling Green and the Inter-Modal Transportation Authority, Inc. on 6 August .
Subdivision Acceptance	Planning and Design Division	The Board of Commissioners approved Municipal Order 2024-174 approving construction and accepting maintenance of Hillview Mills Subdivision Section 2 Phase 1 on 6 August .
Subdivision Acceptance	Planning and Design Division	The Board of Commissioners approved Municipal Order 2024-175 approving construction and accepting maintenance of Greystone Subdivision Section 16 on 6 August .
Overlay Change Order	Planning and Design Division	The Board of Commissioners approved Municipal Order 2024-181 authorizing change order to the contract with Scotty's Contracting and Stone, LLC of Bowling Green, Kentucky for Fiscal year 2024 street overlay in the amount of \$210,605.65 for a total cost of \$2,193,762.65 on 6 August . This C/O will address construction on Industrial Drive.
Purchase Order	Environmental Compliance Division	The Board of Commissioners approved Municipal Order 2024-182 accepting the purchase of resistivity equipment through sole source from Advanced Geosciences, Inc of Austin, Texas in the amount of \$80,754 on 6 August . The department had budgeted \$85,000 originally for this equipment.
Purchase Order	Facilities Division	The Board of Commissioners approved Municipal Order 2024-192 approving the purchase of solar panels for Fire Station #8 in the amount of \$134,775 with Trane U.S. Inc. of Louisville, Kentucky through Omnia Partners Cooperative Purchasing Contract on 20 August .

Media Engagements

01 August	BG Daily News	Storm Debris Follow-up	Operations Manager Ryan Johnson
02 August	WBKO	Cavemill Road Widening	City Engineer Melissa Cansler
07 August	BG Daily News	House Bill 5/Safer Kentucky Act	Director Andy Souza
13 August	BG Daily News	FY '25 Geologist position	City Geologist Nick Lawhon Director Andy Souza
14 August	Public Safety Announcement	Roundabouts	Construction Coordinator I Journee Nickson Construction Coordinator II Melanie Shy Director Andy Souza
21 August	BG Daily News	Solar Installation at Fire Station #8 and other efforts across the city	Facilities Manager Dave Hehner Director Andy Souza
27 August	WNKY	Bluegrass Farms Blvd Extension	Director Andy Souza



Figure 10- Link to our Public Safety Announcement regarding Roundabouts (15 August)

<https://vimeo.com/manage/videos/999176141>



Figure 11-Executive Assistant Lizette Garcia is one of the city's newest bilingual interpreters. (29 August)

Take Home Vehicles (7)

Fleet #	Employee	Vehicle Type	Mileage	Miles Last Month	Miles This Month
7027	Stice	2023 Chevy Silverado ½ Ton	7834	884	761
4159	Phelps	2022 Ford 1/2 Ton	34182	1348	1549
4111	Johnson	2015 Dodge Ram 2500 3/4 Ton	73124	830	632
4160	Walden	2022 Ford 1/2 Ton	25948	1429	1269
5531	Hehner	2023 Jeep Grand Cherokee	16425	967	899
5538	Powell	2023 Chevy Silverado ½ Ton	14381	1437	1337
5529	Souza	2020 Ford Explorer	30263	681	755