

July 2024



Monthly *Caretaker* Report



Andy Souza, Public Works Director

(270) 393-3657  andy.souza@bgky.org

To: Jeff Meisel, City Manager

RE: Public Works Monthly Report for July 2024

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

Date: Submitted **05 August 2024**

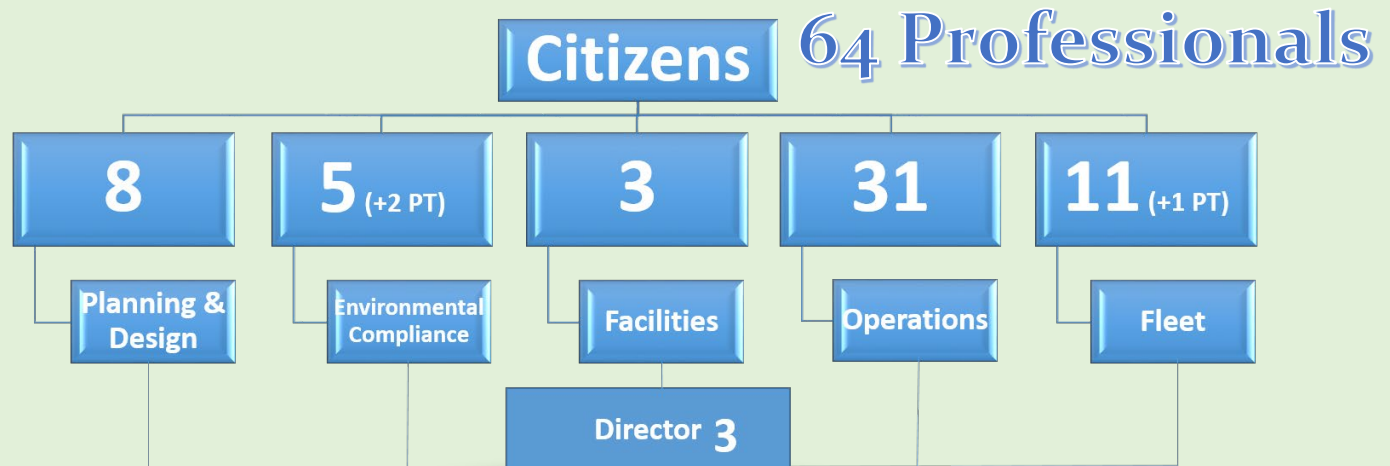


Figure 1- During heavy rains, the Environmental Compliance Division inspects critical stormwater infrastructure. This photo shows the Whiskey Run water quality unit during the 17-18 July storms.



Operations Update

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

- **Summary-** Operations completed 107 work orders in July (99 for June). Operations repaired/installed **5 traffic signal** and **29 signs**. CDL drivers also completed 4-year refresher training on 17 July with Mr. Dave Weisbrodt, Safety/Risk Manager for the city.

Current Month (July 2024)



Potholes
Repaired
9



Street
Sweeping
Hours/miles
107/300



L/ft
Sidewalks
Repaired
45



Tons of
Asphalt Used
4.52

Previous Month (June 2024)

0

70/209

40

3



Figure 2- Operations Maintenance Technician III Matt Barrow (left) and Signal Technician II Eric Joiner (right) create city signs at the Operations shop (9 July)

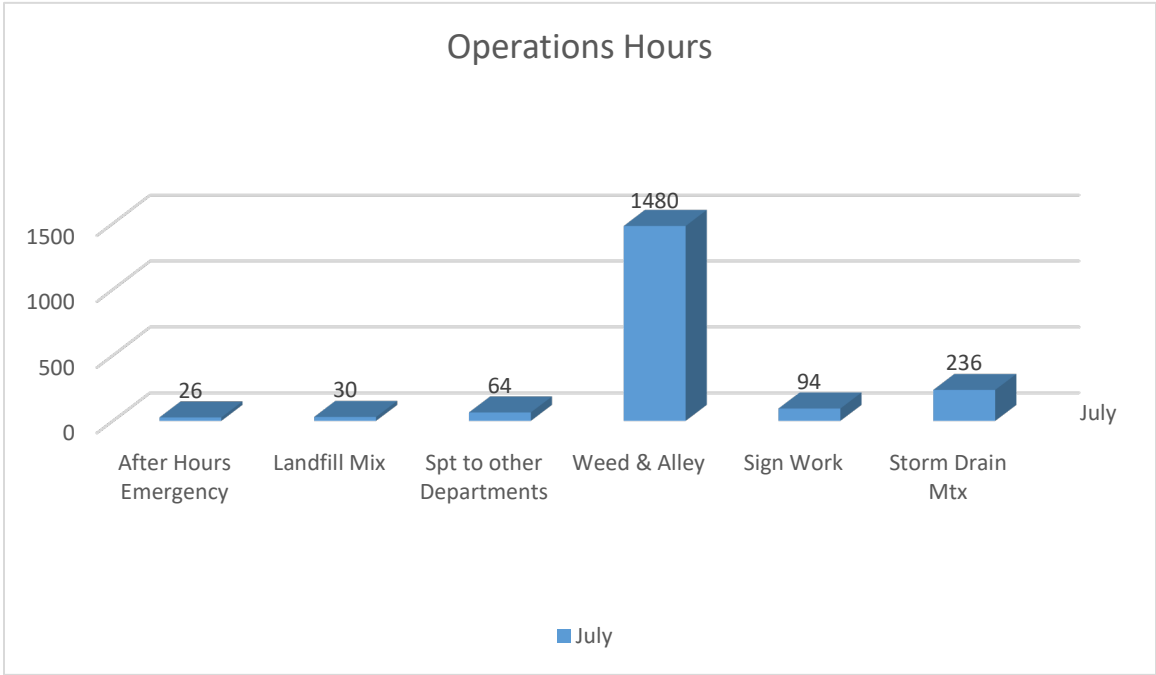


Figure 3- Operations Maintenance Technicians Jeremy Forsythe and Matt Barrow remove storm debris in Zone 10 (18 July)

Operations Highlight #1

Before

Completed

Wind Storm Repairs
 East 13th Ave & Chestnut St
 Completed: 11 July

Operations Highlight #2

24 July

25 July

29 July

31 July

Hydro Excavation

Drywell Drilling

Construction Prep

Concrete Wall Forming

The Fringe Support
 College Street
 Progress: 22-31 July

Operations Highlight #3



Station 4 (Westside)
Rock Filling



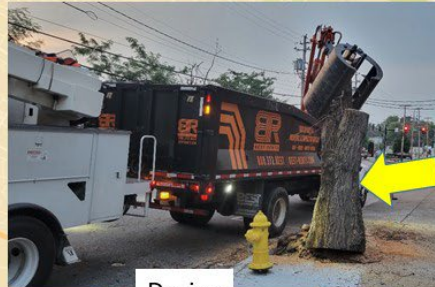
Station 3 (Southside)
Final Concrete Pour

Fire Station Support

Maintenance Pit Fill-In, Stations 3 & 4
Repair: **22-23 July**



Operations Highlight #4



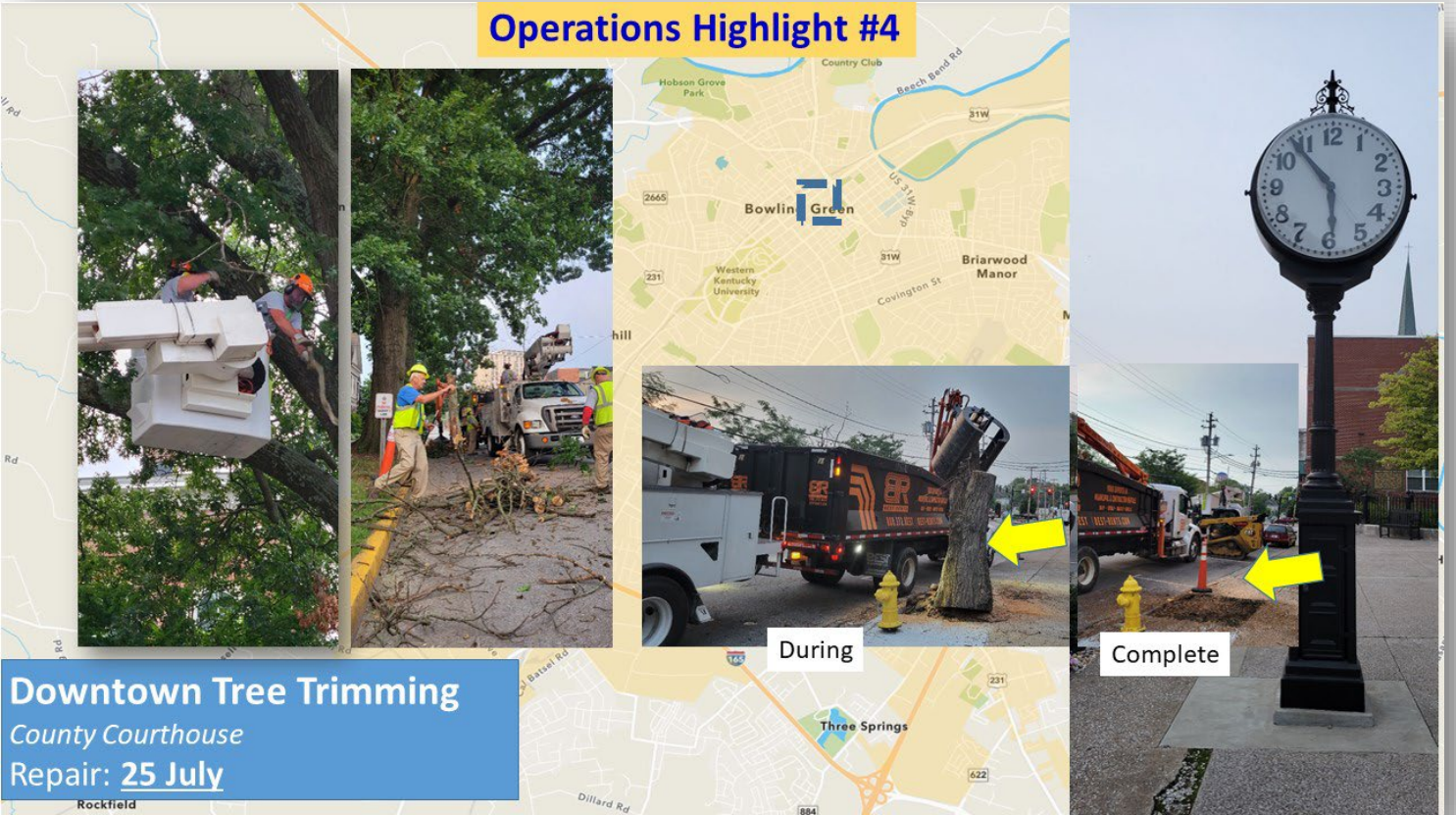
During



Complete

Downtown Tree Trimming

County Courthouse
Repair: **25 July**





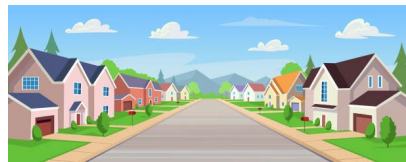
Planning & Design Update



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



Plats Reviewed



Subdivision Inspections



ROW Permits



CDR Reviews

6	25	19	9
----------	-----------	-----------	----------

- **West End Greenway Construction-** Construction on the concrete path along Gordon Ave. and Veterans Memorial Lane began the week of July 15th. Approximately 1,150 l.f. of 10' concrete path has been completed along Gordon Ave to date.
- **12th Ave. Safety Improvements-** a "high friction" material was applied to a section of 12th Ave. between High St. and Park St. to help address recurring issues during wet weather where westbound vehicles have left the roadway and entered private property.
- **Highland Way & Westen Avenue Roundabout-** Utility relocation was completed and the majority of the storm sewer and gradework was completed in July. The roadway remains closed while the remaining concrete and paving work is finished. The project should be substantially complete by mid August.
- **New Sidewalk Construction-** Sidewalk along Morgantown Rd. between Loop Dr. and Old Morgantown Rd. began this month as part of the City's New Sidewalk Construction program. The remaining locations on the current contract include Rockingham Ave., Riverwood Ave., Rodes Dr., and Creekwood Ave. Construction is scheduled to be complete by the end of October.
- **Bluegrass Farms Blvd. Extension –** Public Works staff and Scotty's Contracting and Stone, LLC met to discuss potential cost savings to bring the initial bid down. Through negotiations after closed bids and much discussion, nearly \$400K in cost savings was agreed upon. The project will be recommended for award in the upcoming Board of Commission meeting.



Figure 4-Construction Coordinator I Dara Price inspects a water quality unit at Cherry Farms Apartments (16 July)

Planning & Design Highlight #1



Water Main Relocation



Asphalt Removal



Stormwater junction box



Stormwater pipe Installation

Roundabout Construction
Highland Way & Westen Ave
Conducted: **8-17 July**

Planning & Design Highlight #2



Epoxy applied over the "friction" aggregate



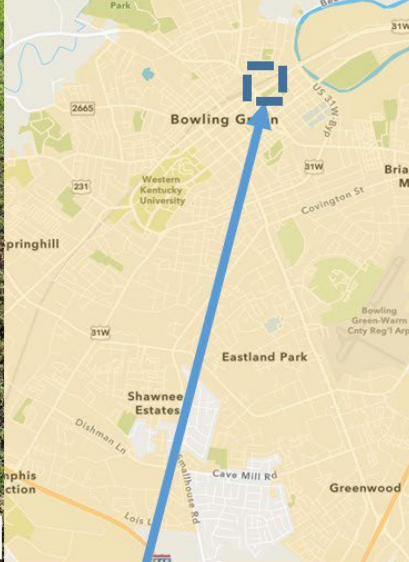
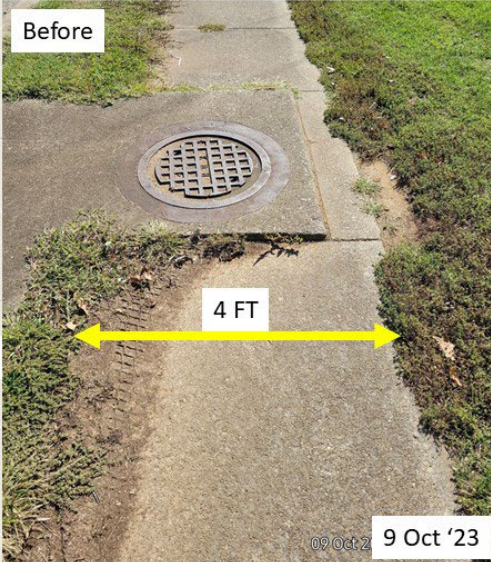
Final surface



Removing Center Stripping

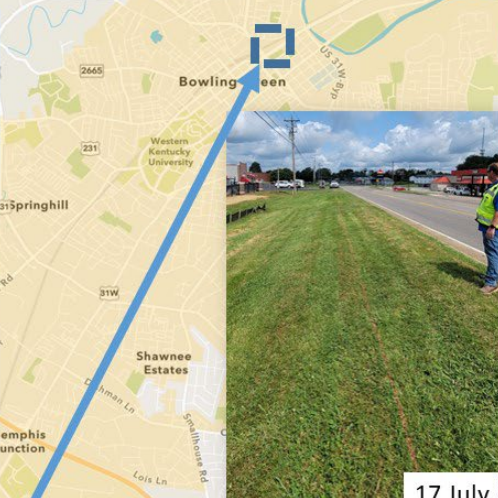
High Friction Surface Treatment
E. 12th Ave & High Street to Park St.
Conducted: **16 July**

Planning & Design Highlight #3



West End Greenway
Gordon Ave
Conducted: 30 July

Planning & Design Highlight #4



Sidewalk Construction
Morgantown Road
Conducted: 17 July -02 Aug

Commercial Development Inspections



Week	New Permits	Sites Inspected
July 1	6	44
July 8	13	46
July 15	31	83
July 22	24	85
Total for July	74	258

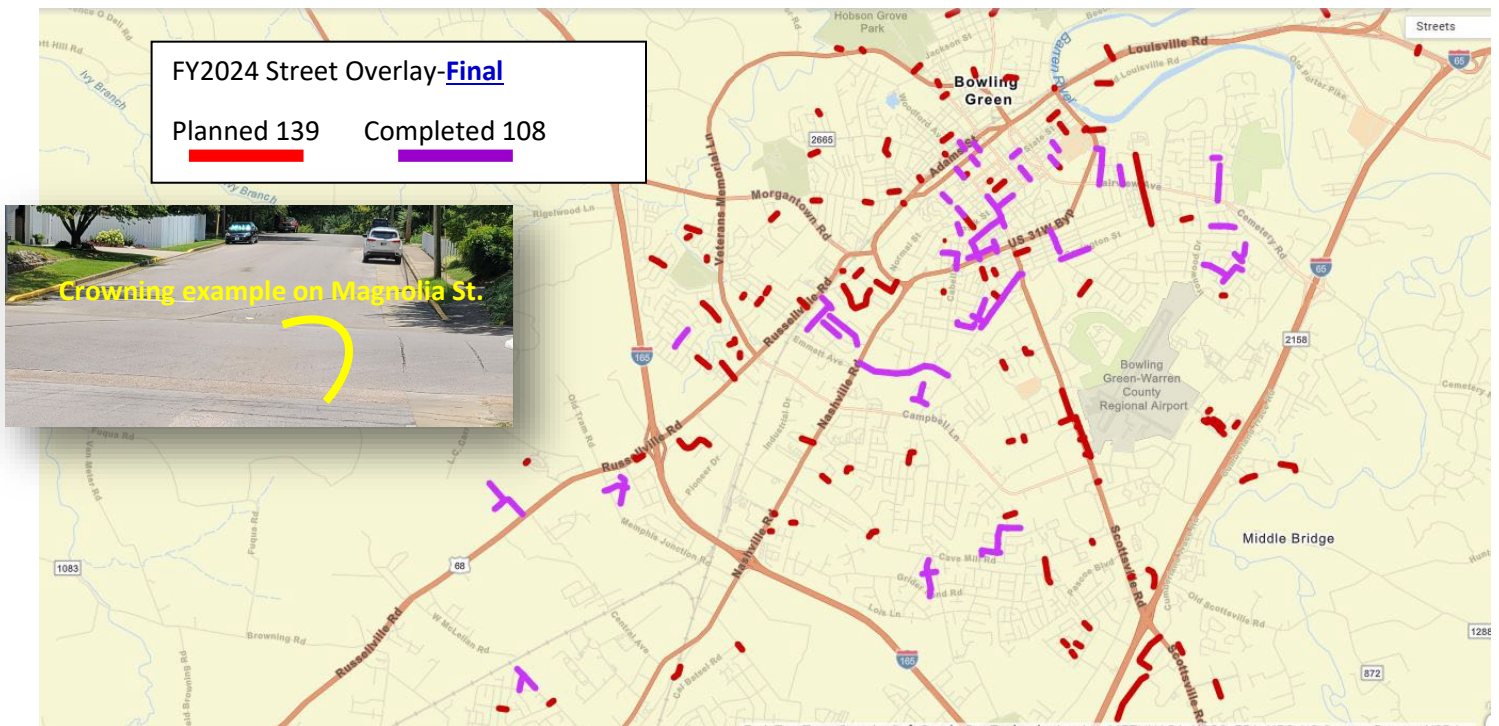


Figure 5-This graphic depicts the planned vs completed street overlay for 2024. Due to road crowning, more intensive repairs were required on some sections. This work increased the overall cost, resulting in less overlay being accomplished this funding year. Unimproved areas will be moved to next year's overlay based on condition and priority.



Environmental Compliance Update



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

The Division is working with services provider Scott Waste to source community litter receptacles that can be serviced by their equipment. A trial series of these have been ordered and will be installed soon.



Figure 6- Environmental Compliance Inspectors Courtenay Howell and Matt Wisenden talked stormwater and provided swag as a “thank you” to those that participated in the Kentucky Waterways Alliance (KWA) Litter Cleanup initiative at Weldon Peete and Mitch McConnell Parks. Over 60 participants registered for the cleanup. (20 July)

Figure 7-Environmental Compliance Inspector Courtenay Howell collecting a sample for water quality analysis during quarterly ambient monitoring of Church Karst Window. (22 July)



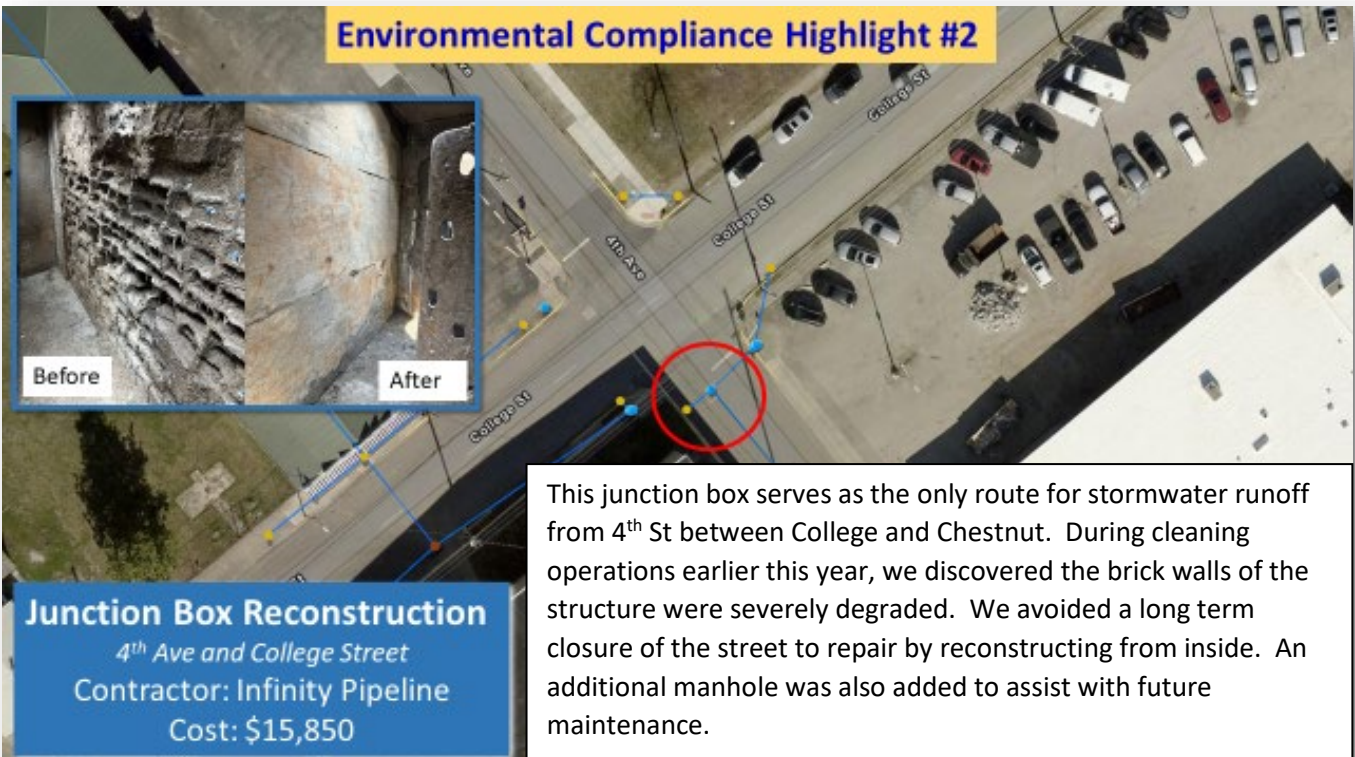
Environmental Compliance Highlight #1



Storm Grate Retrieval
Creason Street Parking Lot

Runoff from the intense rainfall of July 17th lifted grates from several other structures here. The grate covering a 60' borehole, going down 90' into the cave system fell into the hole. The cost of the grate is well over \$1000 and would have taken weeks to receive. ECD staff elected to retrieve the 300 LBS grate with a truck mount and magnets.

Environmental Compliance Highlight #2



Junction Box Reconstruction
4th Ave and College Street
Contractor: Infinity Pipeline
Cost: \$15,850

This junction box serves as the only route for stormwater runoff from 4th St between College and Chestnut. During cleaning operations earlier this year, we discovered the brick walls of the structure were severely degraded. We avoided a long term closure of the street to repair by reconstructing from inside. An additional manhole was also added to assist with future maintenance.



Facilities Update

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



48-Work Orders







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



Figure 8- Facilities Technicians Kenny Woods and Caleb Houtchen assist with the replacement of an HVAC unit at City Hall (8 July)



Fleet Update

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

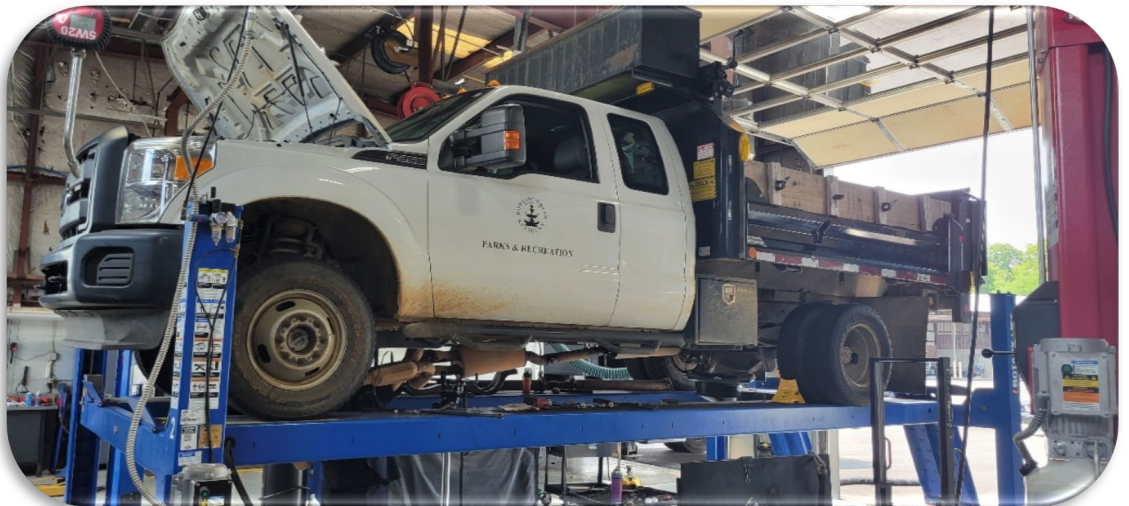
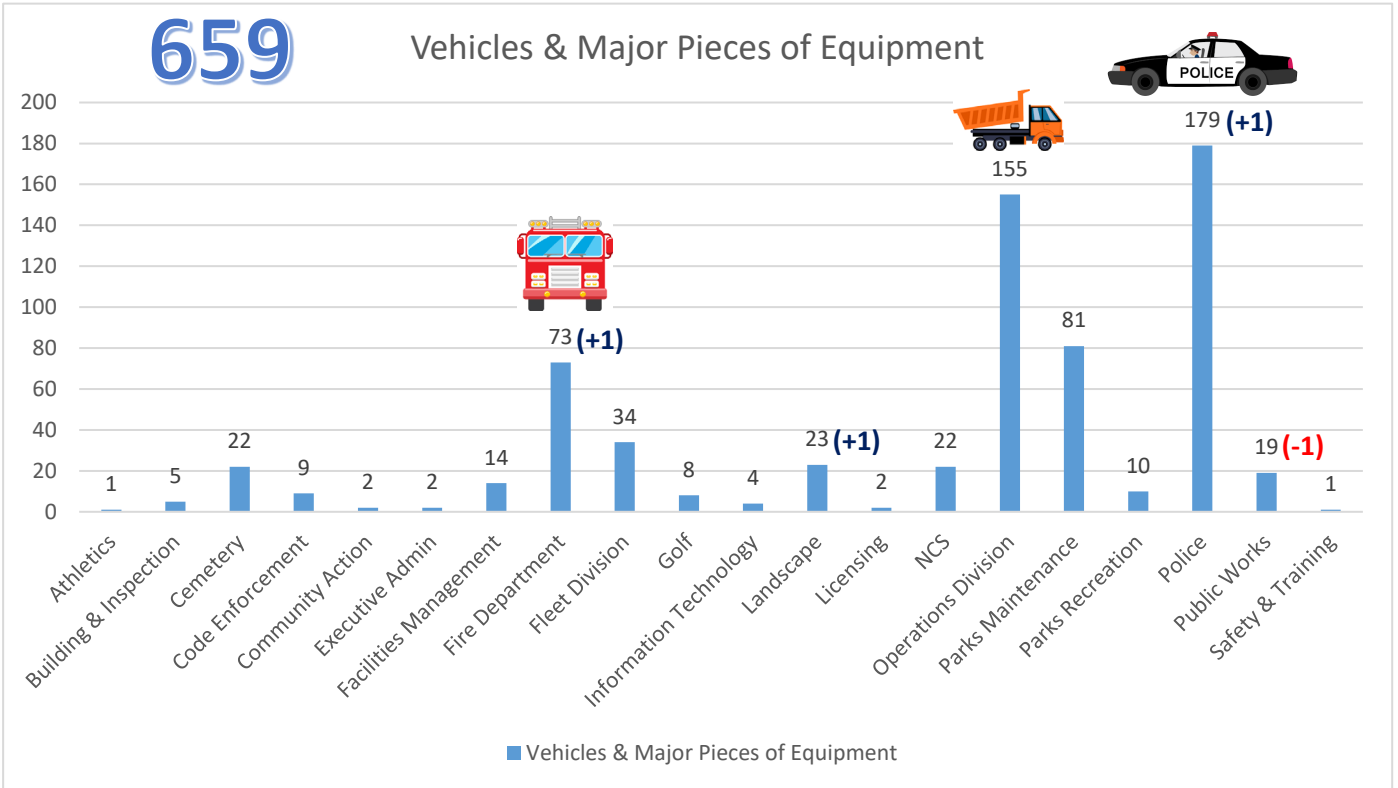

















Figure 9- (Left) Service Technician Trevor Noble performs maintenance on a skid steer (11 July). (Above) Technician Paul Staubs works on a truck's exhaust system (22 July)

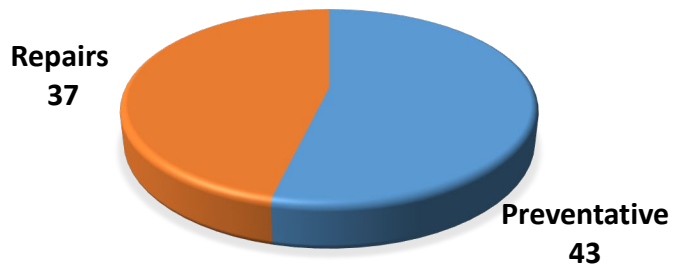
City Leased Equipment

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

Total Parts used in July

233

WORK ORDER TYPES



City Fleet Monthly Usage (Previous Month)

June



17.1K



4.1K



82



\$58,658

May

16.9K

4.2K

212

\$61,457

Gallons

Gallons

Gallons

Dollars



Figure 10-Master Technician Josh Johnson repairs a hydraulic line at the future site of The Fringe on College Street (23 July).



Admin Update



Purchase Order	Facilities Division	The Board of Commissioners approved Municipal Order 2024-153 for the purchase of space saver high density mobile shelving in the amount of \$147,713 with Patterson-Pope of Cincinnati, Ohio on 16 July .
Change Order-Sidewalk	Planning & Design Division	The Board of Commissioners approved Municipal Order 2024-154 for a Change Order to the contract with Baker Contracting of Alvaton, Kentucky for Fiscal Year 2024 sidewalk construction in the amount of \$85,085.00 for a total project cost not to exceed \$1,005,088.95 on 16 July . Sidewalk to be installed on Rockingham Avenue near Bowling Green High School.
Purchase Order	Fleet Division	The Board of Commissioners approved Municipal Order 2024-155 for the purchase of tires through noncompetitive negotiations with Best One Fleet Services of Bowling Green, Kentucky, BG Muffler of Bowling Green, Kentucky and Ziegler Tire & Supply Company of Massillon, Ohio in the total amount not to exceed \$72,500.00 on 16 July .
Purchase Order	Fleet & Operations Divisions	The Board of Commissioners approved Municipal Order 2024-156 for the purchase of an American Road Machinery Leaf Collector in the amount of \$119,759.45 with Brown Equipment Company of Evansville, Indiana on 16 July . The city owns 5 leaf machines and this new unit will replace one older unit, keeping the total number in inventory at 5.
Purchase Order	Fleet & Operations Divisions	The Board of Commissioners approved Municipal Order 2024-157 for the purchase of a street sweeper with Stringfellow, Inc. of Nashville, Tennessee in the amount of \$353,783.20 on 16 July . The city owns 2 sweepers with this new purchase replacing the oldest unit (2006 model).
Purchase Order	Fleet & Operations Divisions	The Board of Commissioners approved Municipal Order 2024-158 for the purchase of a cab tractor and mower attachment with Deere & Company of Cary, North Carolina in the amount of \$176,053.08 on 16 July . This side mount replaces the older unit 4049 (2005 model).
Surplus Property	Fleet Division	2016 Dodge Charger Pursuit vehicle. Asset #17694. Disposal Method 3. Approved on 25 July .



Members of the department teamed up with New Path Recovery Home for Women to enhance their landscaping as part of United Way's Day of Caring.
24 July



Media Engagements

22 July	WBKO	Ambient Water Testing	Environmental Manager Matt Powell
26 July	BG Daily News	West End Greenway Construction	Director Andy Souza

Take Home Vehicles (7)

Fleet #	Employee	Vehicle Type	Mileage	This Month
7027	Stice	2023 Chevy Silverado ½ Ton	7073	884
4159	Phelps	2022 Ford 1/2 Ton	32633	1348
4111	Johnson	2015 Dodge Ram 2500 3/4 Ton	72492	830
4160	Walden	2022 Ford 1/2 Ton	24679	1429
5531	Hehner	2023 Jeep Grand Cherokee	15526	967
5538	Powell	2023 Chevy Silverado ½ Ton	13044	1437
5529	Souza	2020 Ford Explorer	29508	681

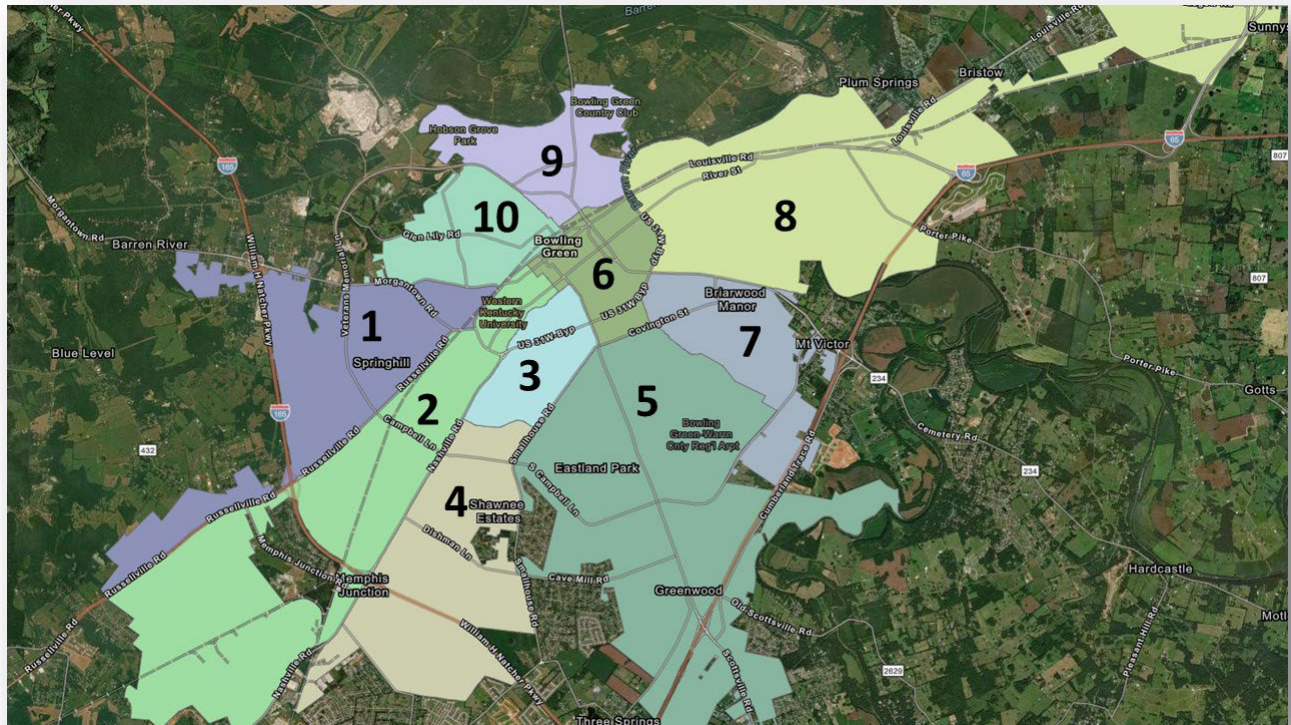


Figure 11-Work Zones (used for sweeping, leaf removal, and snow plowing)

Not sure what Zone you live in? Enter your address here:

<https://www.bgky.org/publicworks/leaf-pickup>