

**Public Works Department  
Monthly Report  
March 2024**

**Engineering:**

**2023 Local and State MFT Projects:**

**Month Activity:** Work is shut down for the winter and is expected to commence mid-April on Decatur St.

**Project Background:** The local and state MFT projects were designed and advertised by Engineering Staff on August 2, 2023, with bids received on August 15, 2023. Dunn Company provided the lowest responsible bids, and the contract was awarded by the City Council on August 21, 2023. Dunn is scheduled to start the work in early September. Work is complete on Northland, Garfield Ave, Faries, Maryland, and Airport Plaza.

**2023 Water Main Replacement Project:**

**Month Activity:** Work started in March on Medal Dr. with approx. 50% of the main installed. Work is expected to continue for April on the services, hydrants, and restoration.

**Project Background:** The project was designed and advertised by Engineering Staff on August 2, 2023, with bids received on August 30, 2023. Burdick Plumbing and Heating provided the lowest responsible bid, and the contract was awarded by the City Council on September 18, 2023. The preconstruction meeting was held in October and the materials have been ordered.

**William St Pump Station Improvements:**

**Month Activity:** Work started in March with the asbestos removal. Work will continue in April on the valve rebuild.

**Project Background:** The project was designed and advertised by Engineering Staff and consultant CMT on September 6, 2023, with bids received on October 4, 2023. Burdick

Plumbing and Heating provided the lowest responsible bid, and the contract was awarded by the City Council on October 16, 2023.

**Water Sampling Stations:**

**Month Activity:** No work was completed; the delivery of the sampling valve was delayed by the manufacturer for a design change but has been completed and is on order. Work is expected to start in May.

**Project Background:** The project was designed and advertised by Engineering Staff on October 18, 2023, with bids received on November 15, 2023. Burdick Plumbing and Heating provided the lowest responsible bid, and the contract was awarded by the City Council on December 4, 2023.

**Old King's Orchard Garden:**

**Month Activity:** The trees were taken down in March, the demolitions of the remaining houses are not complete. Sitework is expected to start once the houses are removed.

**Project Background:** The project was designed and advertised by Engineering Staff on September 20, 2023, with bids received on October 4, 2023. Entler Excavating Company, Inc provided the lowest responsible bid, and the contract was awarded by the City Council on October 16, 2023.

**2023 Storm Drainage Improvement Projects:**

**Month Activity:** No work was completed in March with work expected to start in June.

**Project Background:** The project was designed and advertised by Engineering Staff on October 4, 2023, with bids received on October 25, 2023. A&R Mechanical, Inc provided the

lowest responsible bid, and the contract was awarded by the City Council on November 6, 2023.

**2023 Annual Manhole Rehab:**

**Month Activity:** No work was completed in March; work is expected to start in April.

**Project Background:** The project was designed and advertised by Engineering Staff on October 18, 2023, with bids received on November 8, 2023. Culy Contracting provided the lowest responsible bid, and the contract was awarded by the City Council on November 20, 2023.

**William Street Closure at Decatur and Eastern Railroad:**

**Month Activity:** Work started in March with the removal of the pavement. Work is expected to be complete in April.

**Project Background:** The project was designed and advertised by Engineering Staff on October 25, 2023, with bids received on November 8, 2023. Kinney Contractors provided the lowest responsible bid, and the contract was awarded by City Council on November 20, 2023

**Fairview Park Storm Sewer:**

**Month Activity:** Work started in March on the storm sewer with approx. 10% complete. Work is expected to be completed in April.

**Project Background:** The project was designed by AECOM and advertised by Engineering Staff on October 25, 2023, with bids received on November 15, 2023. A&R Services provided the lowest responsible bid, and the contract was awarded by the City Council on December 4, 2023.

**Water Service Daylighting Project:**

**Month Activity:** Work started in February with approx. 2/3<sup>rd</sup> of the services daylighted, the remaining work is expected to commence in early May.

**Project Background:** The project was designed and advertised by Engineering Staff on December 6, 2023, with bids received on January 4, 2024. Hoerr Construction Inc. provided the lowest responsible bid, and the contract was awarded by City Council on January 16, 2024.

**Sanitary Sewer Herbicide Root Control Project:**

**Month Activity:** Herbicide was applied to the 1<sup>st</sup> year of the three-year project. The contractor will be back early 2025 for the 2<sup>nd</sup> year application.

**Project Background:** The project was designed and advertised by Engineering Staff on December 13, 2023, with bids received on January 4, 2024. Dukes Root Control provided the lowest responsible bid, and the contract was awarded by the City Council on January 16, 2024.

**Faries Park Interceptor Relocation:**

**Month Activity:** No work was completed in March; work is expected to start late April.

**Project Background:** The project was designed and advertised by Engineering Staff on December 13, 2023, with bids received on January 4, 2024. A&R Services Inc provided the lowest responsible bid, and the contract was awarded by the City Council on February 6 2024.

**Grove Road Bridge Replacement over Sand Creek Arm of Lake Decatur:**

**Month Activity:** Work started in March with the removal of the old bridge deck. The contractor has started the new pier substructures and is working through conflict with an underwater obstruction. The new bridge pier work is expected to continue in April.

**Project Background:** The project was designed by WHKS and advertised by Engineering Staff on December 20, 2023, with bids received on January 12, 2024. C-Hill Civil Contractors provided the lowest responsible bid, and the contract was awarded by the City Council on February 6, 2024. The Work is scheduled to start on March 13<sup>th</sup> with the full closure of Grove road at the structure.

**West Mound Road Bridge Substructure Repairs over Stevens Creek:**

**Month Activity:** Sangamo has started preliminary project preparation and approvals. The work has not been scheduled.

**Project Background:** The project was designed by AECOM and advertised by Engineering Staff on December 20, 2023, with bids received on January 12, 2024. Sangomo Construction Company provided the lowest responsible bid, and the contract was awarded by the City Council on February 6, 2024.

**MUNICIPAL SERVICES MONTHLY DATA  
MARCH 2024**

<b>ASPHALT</b>	<b>QUANTITY</b>	<b>HOURS</b>	<b>OTHER INFO</b>
Dura Patcher (spray)	0 patches	0	
Milling / Asphalt	0 sq yds	0	
Miscellaneous / Asphalt	0	7	
Pothole Patch / Repair	3,913 patches	495	
Street Repair / Asphalt	0 sq yds	0	
<b>CONCRETE</b>	<b>QUANTITY</b>	<b>HOURS</b>	<b>OTHER INFO</b>
Miscellaneous / Concrete	0	174	
SS Utility Cuts / Curb & Gutter	0 linear ft	0	
SS Utility Cuts / Driveway	0 sq yds	0	
SS Utility Cuts / Pavement	0 sq yds	0	
SS Utility Cuts / Sidewalk	10 sq ft	30	
Water Dept Cuts / Curb & Gutter	35 linear ft	54	

Water Dept Cuts / Driveway	5.4 sq yds	20.50	
Water Dept Cuts / Pavement	220.2 sq yds	227.5	
Water Dept Cuts / Sidewalk	327.5 sq ft	107.5	
Lead Service Replacement Pavement	0 sq yds	0	
<b>DOWNTOWN PARKS</b>	<b>QUANTITY</b>	<b>HOURS</b>	<b>OTHER INFO</b>
Downtown Maintenance		223	
Flowerbed Maintenance		22	
Fountain		0	
Sweeping / Downtown Parks		15.5	
Downtown Parks		49.5	
<b>ELECTRICAL</b>	<b>QUANTITY</b>	<b>HOURS</b>	<b>OTHER INFO</b>
Miscellaneous / Electrical		0	
Service Calls / Other Departments		0	
Street Light Maintenance		108	
Traffic Signal Repair		250 Straight / 12.5 OT	
Warning Siren Maintenance		3	
<b>FLEET</b>	<b>AVAILABILITY</b>	<b>BILLABLE HOURS</b>	<b>OTHER INFO</b>
Fleet Tasks	98.91%	766.36	
<b>FORESTRY</b>	<b>QUANTITY</b>	<b>HOURS</b>	<b>OTHER INFO</b>
Miscellaneous		106	
Mowing City Lots		0	
Mowing City Property / ROW		0	

Mowing City Property / State ROW		0	
MSC Maintenance		46	
New Tree Care & Maintenance		0	
Pesticide Application		0	
Storm Damage Clean-up		0	
Stump Removal	45	224	
Tree Removal	510 (inch diameter)	496	
Tree Trimming	6	35	
Vegetation Removal	0	0	
<b>PARKING</b>	<b>QUANTITY</b>	<b>HOURS</b>	<b>OTHER INFO</b>
Mail Delivery		32	
Parking Lots/Garage Maintenance		86.25	
Parking Meter Collection		20	
Parking Meter Repair		15	
Special Projects / Parking		28 OT	
<b>STREET MAINTENANCE</b>	<b>QUANTITY</b>	<b>HOURS</b>	<b>OTHER INFO</b>
Alley Grading	6,357 linear ft	20	
Catch Basin / Pumped	5	13	
Catch Basin / Repaired	6	26	
Culvert / Installed	0 linear ft	0	
Culvert / Jetted	100 linear ft	6	
Ditch / Cleaning	310 linear ft	38	

Storm Sewer / Jetted	127 linear ft	2	
Storm Sewer / Repaired	0	0	
Sanitary Back-up / Jetted	7,512 linear ft	44 Straight / 36 OT	
Sanitary Manholes / Pumped	2	4	
Sanitary Manholes / Repaired	0	0	
Sanitary Sewers / Cleaned	14,502 linear ft	50	
Sanitary Sewers / Jetted	354 linear ft	7	
Sanitary Sewers / Roots	48,768 linear ft	170.5	
Sanitary Sewers / Repaired	0	0	
Street Cleaning / 3 <sup>rd</sup> Shift	112.2 miles	31.5	
Street Cleaning / County Roads	0 miles	0	
Street Cleaning / Neighborhoods	65.6 miles	262.5 Straight / 26.2 OT	
Street Cleaning / Priorities	5.1 miles	7.5	
Street Cleaning / State Routes	104.1 miles	67.5	
<b>TRAFFIC</b>	<b>QUANTITY</b>	<b>HOURS</b>	<b>OTHER INFO</b>
Decals Made	180	25	
Miscellaneous Traffic Control		40	
Sign Inventory		56	
Signs / Installed	18	41	
Signs / Made	30	72	
Signs / Repaired	31	58	
Striping / Paint	0 feet	0	

Striping / Tape	0 feet	0	
Symbols / Paint	0	0	
Symbols / Thermoplastic	0	0	
Traffic Control (set up & removal)		58	
<b>VIOLATION RESPONSE</b>	<b>QUANTITY</b>	<b>HOURS</b>	<b>OTHER INFO</b>
72-hour / City Property		0	
72-hour / Clean-Up	116	406	
72-hour / Clean-Up Court Time		0	
Abatements (weed & brush)	6	21	
Home Secures	19	28	

**Water Production Division  
Monthly Report  
March 2024**

**DeWitt County Wellfield Improvements:** INTERA Inc. completed the preliminary engineering report last year. The completion of this project is on hold due to the recently purchased second DeWitt Co. farm property and to evaluate the site’s potential to be a cutting edge sustainable and resilient solar powered well field.

**Lake Decatur Landscape Maintenance:** This year’s project location will be determined later this year.

**Lake Decatur Water Level:** Lake Decatur was maintained at an average level of 613.1 feet (90% full) which is normal for March.

**Lake Decatur Watershed Management Plan:** USDA RCPP \$9.88M grant tasks included advisory board, partner, farmer and landowner coordination and meetings, and processing applications from 60+ agricultural producers and landowners applying for Best Management Practice (BMP) funding covering 30,000+ watershed acres. The 2022 IEPA Section 319 \$250K grant tasks in progress include creating the Camp Creek sub watershed plan and Lake Decatur shoreline stabilization installation by G & H Marine (now 100% complete). The 2023 IEPA Section 319 \$350K grant application continues to be evaluated by IEPA. Notice of award is anticipated. The 2024 Section 319 grant application is being prepared. Northwater Consulting continued operating the watershed water quality monitoring network, planning to construct high priority BMPs and operationalizing the Spatial Watershed Assessment and Management Model (SWAMM). The monitoring network link is <https://decaturnw.com/waterquality/> and the SWAMM link is <https://theswamm.com/catalogue/#/geostory/794>. City staff continued meeting with farmers to address erosion concerns on landowner fields, design BMPs for this year and manage upcoming projects in the Lake Decatur Watershed Protection Program.

**Nelson Park Boat Ramps Preliminary Study:** Martin Engineering continued work on bid specifications for the ramps design that was overwhelmingly preferred by the public.

**Oakley Sediment Basin Drainage Improvements:** On April 1 the City Council will be considering a construction bid from Lourash and Mahannah Excavation, LLC.

**South Water Treatment Plant East Clarifiers to Claricones Conversion:** Plocher Construction has completed 99% of this project. Completion will occur in mid-2024 due to an extended delivery date for the installation of two valve actuators.

**Vulcan Pit, Rhodes Landfill and Source Water Protection Plan:** INTERA Inc. continued work on the Vulcan Pit new pipeline bid specifications and assessing the pit's water recharge rate. The advertisement for bids is scheduled for this year.

**Water Production:** Continued assisting with the completion of the South Water Treatment Plant claricone construction project and electrical improvements project design. 555.19 million gallons of potable water were pumped into the water distribution system which was 1.51% more than March 2023.

**Performance Outcomes:**

1. Meet or exceed the federal and state drinking water standard for turbidity, chlorine, and nitrate. All these standards were met or exceeded this month.
2. Monitor safety on Lake Decatur by recording the number of boat accidents and boat operating under the influences (OUIs) on the lake annually. No accidents or OUIs occurred this month.
3. Reduce the amount of sediment accumulating in the lake annually. Last year Northwater Consulting completed the draft Year 2 Tributary Monitoring Summary which includes sediment accumulation.

**March 2024**

**Water Services:**

Staff repaired 3 water main failures, 6 fire hydrants, 26 water services and inspected 2 system control valves and 1 fire hydrant. Completed 1,125 Utility Billing service orders, 91 miscellaneous distribution system orders and replaced 41 water meters that were damaged due to the cold snap.

