



ENGINEERING DEPARTMENT WORK PROGRAM

February 22, 2024

PROPOSED 2024 PROJECT CONSTRUCTION

Each year, in conjunction with the City's annual budgeting process, the Engineering Department prepares and presents a **Work Program** to City Council. Council reviews the projects, typically in February or March, and along with the public, provides input based on the approved Capital Improvements Program (CIP).

Funding sources include Capital Improvement Project Bonding, Road Use Tax, General Fund, Tax Increment Financing, Local Option Sales Tax, Storm Water Management and Sanitary Sewer Replacement.

Depending on available funding, the size of the Work Program varies widely from year to year. The Local Option Sales Tax affords the opportunity to complete a consistently larger Work Program, better enabling the City to maintain existing infrastructure and provide new systems associated with new development. This year, staff is challenged with an extensive program, including additional larger projects, and some smaller projects, to be constructed in 2024.

The Work Program is divided into four project types:

1. Street Improvement Projects
2. Stormwater/Drainage Projects
3. Sanitary Sewer Projects
4. Miscellaneous Projects

We begin with completion of previous year projects, transition into current year projects, and finish with project development for next year.

The complete **Annual Engineering Work Program**, including tentative constructions schedules, separated by project type, can be found at cityofmarion.org. At the time this Work Program was compiled, the budget had not been finalized, so some budgets may change depending on available funding. Delays in design due to additional demands on the department may also occur. Timelines for construction projects are dependent on weather, availability of contractors, and utility conflicts.

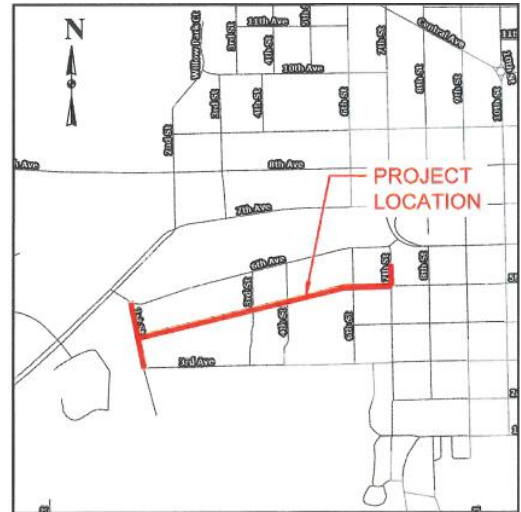
2024 STREET IMPROVEMENT PROJECTS

2024 5TH AVENUE RECONSTRUCTION PROJECT

Contractor: Rathje Construction – \$2,098,113.99

Project Overview: This project will reconstruct 5th Avenue from 1st Street to 7th Street, including necessary upgrades to the water, sanitary sewer and storm sewer infrastructure. This project also includes water main and sewer improvements along 1st Street from 3rd Avenue to 6th Avenue.

The 5th Avenue Reconstruction Project will span two fiscal years and will utilize funding from the Pavement Management Program (ANN-24-001) and the Sanitary Sewer Manhole and Sliplining Program (ANN-18-029). Sanitary Sewer work is estimated at \$522,000. Water infrastructure work, estimated at \$390,000, will be reimbursed to the City by the Marion Water Department.



Work on Stage 1 shall commence no earlier than May 28, 2024, and no later than June 10, 2024, and be completed within 85 working days. Work on Stage 2 shall commence no earlier than May 27, 2025, and no later than June 9, 2025, and be completed within 85 working days.

2024 10TH AVENUE RESURFACING PROJECT

Contractor: L.L. Pelling Co., Inc. – \$1,682,156.80

Project Overview: Utilizing funding from the Pavement Management Program (ANN-24-001), this project includes resurfacing westbound 10th Avenue (Business Highway 151) from 35th Street, near Hy-Vee to Highway 13, near Wal-Mart. This project consists of installing draintile along the edge of the roadway, milling the existing asphalt surface, performing full-depth patchwork, and placing new asphalt.



Work shall commence no earlier than May 28, 2024, and no later than July 29, 2024, and be completed within 55 working days.



2024 PAVEMENT PATCHING PROJECT

Contractor: TBD

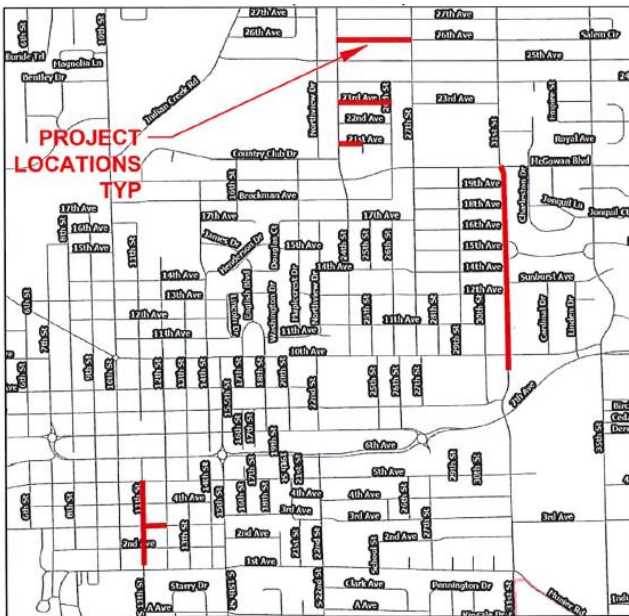
Project Overview: Utilizing funding from the Pavement Management Program (ANN-24-001), this project includes the rehabilitation of several roads throughout the city. The work includes full depth patch and surface grinding.

Staff is currently reviewing street conditions to confirm locations to be included in the 2024 project. As always occurs, not all streets in need will be addressed in this year’s project but will be considered for future years. The project is expected to be let this spring with work beginning in the summer of 2024.

2024 HMA RESURFACING PROJECT

Contractor: TBD – Engineer’s Estimate \$996,146.00

Staff annually evaluates the need for maintenance of local streets against those collector and arterial streets carrying the most traffic. This annual program includes the asphalt overlay of public streets evaluated to be both in the most need, and to provide the greatest benefit to the most drivers. As always occurs, not all streets in need will be addressed in this year’s program but will be considered for future years.



Project Overview: Utilizing funding from the HMA Program (ANN-18-086), the 2024 HMA project will include the following streets:

- 31st Street from 10th Avenue to McGowan Blvd
- 11th Street from 1st Avenue to 5th Avenue
- 3rd Avenue from 11th Street to 12th Street
- 21st Avenue from 24th Street to Golfview Court
- 23rd Avenue from 24th Street to 26th Street
- 26th Avenue from 24th Street to 27th Street

The project is scheduled to be let on March 12, 2024. Work shall be completed no later than September 27, 2024.

TOWER TERRACE ROAD PROJECT

C AVENUE TO ALBURNETT ROAD – PHASE A: PAVING

Contractor: Eastern Iowa Excavating – \$4,052,498.27

Project Overview: This is a joint project between the City of Marion and the City of Cedar Rapids. The project uses Corridor Metropolitan Planning Organization (CMPO) Regional Surface Transportation Program funding.

The ongoing Tower Terrace Road project hopes to expand Tower Terrace Road to connect I-380 on the west to Highway 13 on the east.



When finished, the road will span 8.3 miles through Cedar Rapids, Hiawatha, Robins, a portion of unincorporated Linn County and Marion. The larger Tower Terrace project is currently estimated to be finished in 2045 but could be finished sooner if additional funding can be acquired through a federal grant.

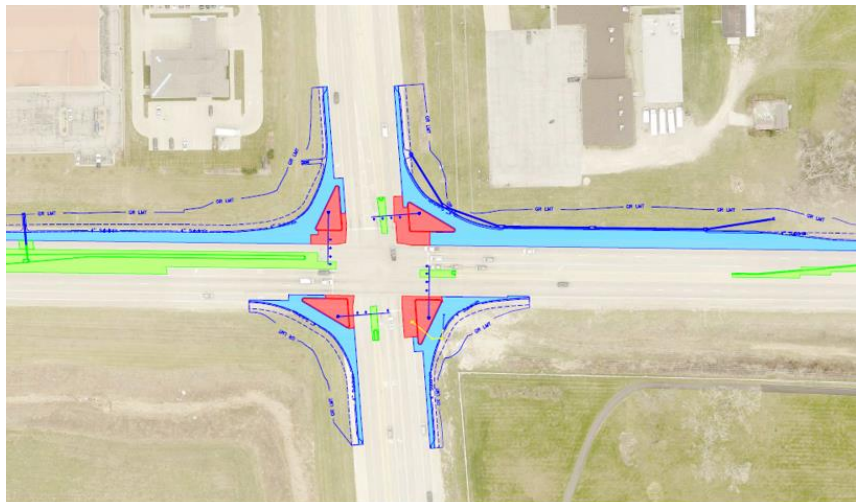
The contractor will begin final paving, lighting, and trail and surface restoration the portion of Tower Terrace Road from Meadowknolls Road east to Alburnett Road. Work shall commence no later than April 1, 2024 and be completed within 100 working days.

2024 HIGHWAY 100 AND EAST POST ROAD TRAFFIC SIGNALS AND TURN LANES IMPROVEMENT PROJECT

Contractor: Boomerang Corp. – \$1,617,333.00

Project Overview: Using CIP bonding funds (TRANS-20-002), this project includes the addition of turn lanes, replacement of the existing traffic signals and addition of queue detection at the intersection.

Work shall commence no later than June 17, 2024, and be completed within 80 working days.



2024 STORMWATER / DRAINAGE PROJECTS

2024 STORM SEWER/DRAINTILE PROJECT

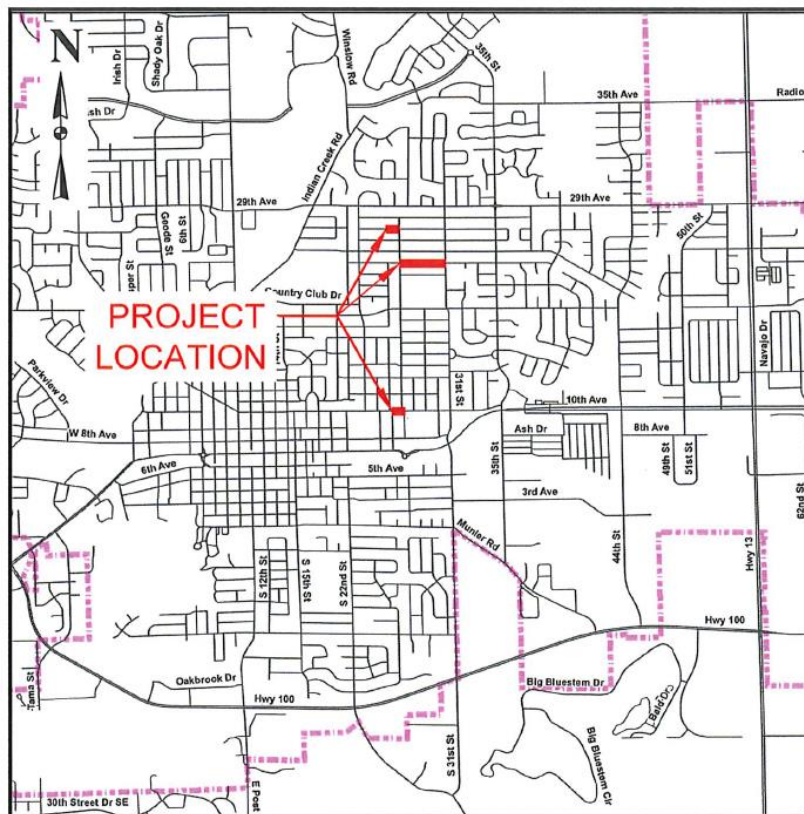
Contractor: Rathje Construction – \$173,312.00

Staff evaluates and considers storm sewer projects as they arise, typically in conjunction with other projects. Storm sewer/draintile projects, funded by Storm Water Utility (ANN-18-031) and Curb Replacement (ANN-25-001), include the construction and reconstruction of storm sewers within the existing system.

Project Overview: The 2024 project includes draintile installation as well as removal and replacement of curb and gutter in these areas:

- Subdrain: south side 24th Avenue from 27th Street to 31st Street
- Subdrain: south side 27th Avenue from 2651 27th Avenue to 27th Street
- Two intakes and 24" RCP: 10th Avenue and 26th Street

Work shall commence no earlier than May 28, 2024, and no later than August 5, 2024, and be completed within 40 working days.



2024 SANITARY SEWER PROJECTS

INDIAN CREEK TRUNK SEWER REPLACEMENT PROJECT

Project Overview: The Indian Creek and Dry Run Creek Trunk Sanitary Sewer consists of approximately 16 miles of sanitary sewer ranging in size from 18-inches to 48-inches in diameter. The trunk sewer is multi-jurisdictional serving Linn County and the cities of Cedar Rapids, Marion, Hiawatha and Robins. The new sanitary sewer will provide additional capacity to accommodate present needs and future growth. The sanitary sewer will be constructed in multiple phases over a period of 15 plus years.

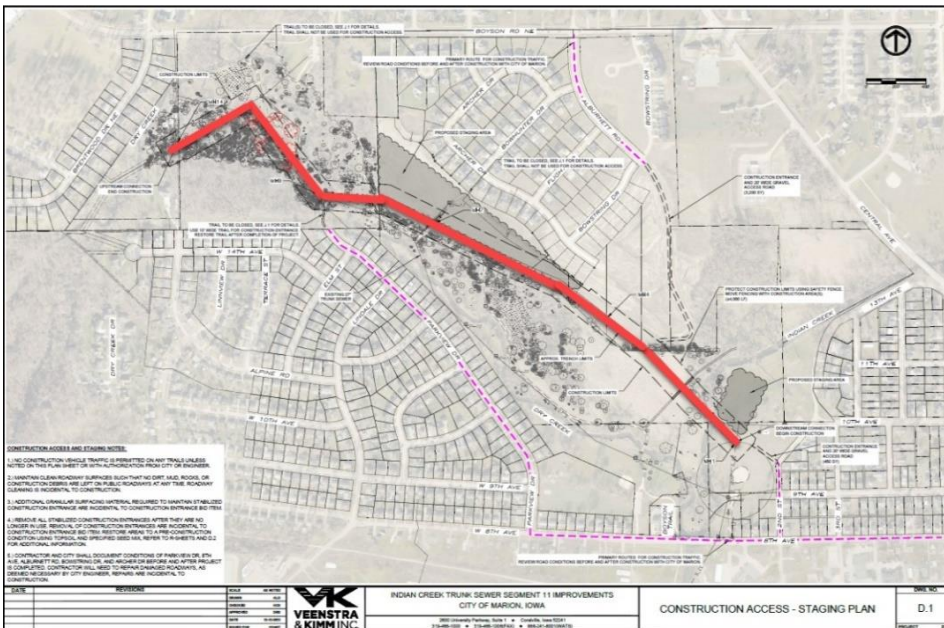
In 2016, City Council approved the 28E Agreement with Cedar Rapids, Hiawatha, Robins, and Linn County. City Council approved a contract with Veenstra & Kimm, Inc. for engineering design services.



SEGMENT 7 IMPROVEMENTS

Contractor: Boomerang – \$12,735,271.27

The Segment 7 project will upsize the trunk sewer to 60” in diameter from approximately the Mt. Calvary Cemetery in Cedar Rapids, to just west of Menards in Marion. Rock excavation and trunk sewer work continue. Pipe and structures continue to be placed.



SEGMENT 11 IMPROVEMENTS

Contractor: Boomerang – \$5,669,415.83

The Indian Creek Trunk Sewer Segment 11 Project uses LOST funds (SWR-17-026). The project starts at Willow Park and goes north westerly to approximately the first Dry Creek crossing 1,200LF west of Parkview Drive. Work on this project shall be completed by June 1, 2025.

2024 MISCELLANEOUS PROJECTS

2024 SIDEWALK INSPECTION PROGRAM

The Sidewalk Inspection Program, which occurs every other year (during even calendar years), includes the evaluation of public sidewalks for code compliance in approximately half of Marion.

In 2024, Engineering staff will inspect sidewalks on the north side of Marion. They will evaluate existing sidewalks per Chapter 278 of Marion City Code, which is intended to minimize public injury liability to both the owner and the City by ensuring that our city sidewalks are user-friendly and safe for citizens.

Owners of non-compliant properties will be notified via mail and will have typically until August to make repairs and correct deficiencies. Non-compliant properties will receive legal notice, and potentially a legal process to provide for repairs.



2024 SIDEWALK RAMP PROJECT

Contractor: Boomerang Corp. – \$157,290.00



The City of Marion's plan is to achieve compliance with the Americans with Disabilities Act (ADA) of 1990. This includes sidewalks, crosswalks, bus stops, pedestrian signals, pedestrian ramps and other features related to the safe movement of pedestrians. The City of Marion updated its ADA Transition Plan in 2023. Per the Transition Plan, the City has committed to annual funding to provide for the reconstruction of non-compliant sidewalk ramps.

The City has approximately 3,748 sidewalk ramps, of which 37% are compliant with design standards and 63% of the sidewalk ramps are considered non-compliant.

Project Overview: Using LOST funds (ANN-18-106), this annual program includes the reconstruction of sidewalks, sidewalk ramps, and associated work. The project has an early start date of May 28, 2024 and a late start date of July 10, 2024.

2024 DRAPER PARK PROJECT

Contractor: TBD – Engineer’s Estimate \$394,683.00

Project Overview: Using CIP bonding and LOST funds (REC-24-001), this project, located at 575 31st St, includes the construction of sidewalk, brick pavers, railroad ties, planting and miscellaneous related work.

Work shall commence no earlier than May 28, 2024, and shall be completed by October 4, 2024.



2024 ADVANCED DETECTION HIGHWAY 151 AND 62ND STREET POLE REPLACEMENT PROJECT

Contractor: K & W Electric, Inc. – \$21,750.00

Project Overview: An advanced detection pole and camera east of 62nd Street on Highway 151 was struck by a vehicle. The damaged infrastructure needs to be replaced. The cost of the replacement will be submitted to insurance for reimbursement.

Work shall commence no earlier than September 4, 2024, and no later than November 1, 2024, and be completed within 10 working days.

