

ENGINEERING DEPARTMENT PROJECT NEWS

September 16, 2022

2022 WORK PROGRAM

[2022 Annual Engineering Work Program](#), with estimated construction schedules, separated by project type.

2021 PROJECTS CURRENTLY UNDER CONSTRUCTION

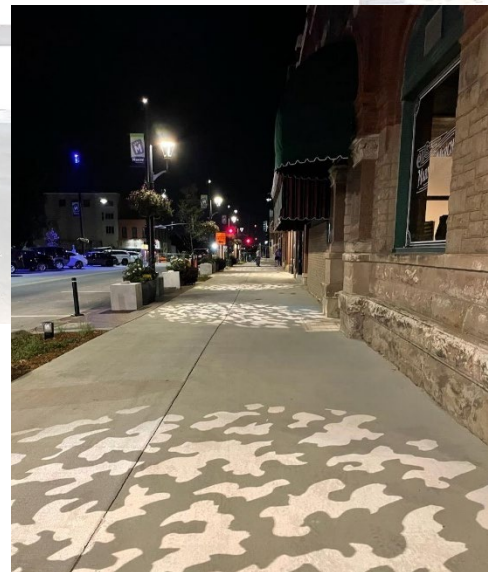
7th Avenue Reconstruction & Streetscape Project – Rathje Construction \$6,898,626.31

Project Overview: The first phase of construction began in 2021 included the 7th Avenue streetscape between 10th Street & 12th Street, 12th Street, between 6th Avenue and 7th Avenue, and the North Plaza.

The second phase of the project, 10th Street, from 7th Avenue to 8th Avenue.

Additional phases including, 10th Street from 7th Avenue to 6th Avenue, 7th Avenue, from 8th Street to 10th Street, and 9th Street from 6th Avenue to 7th Avenue.

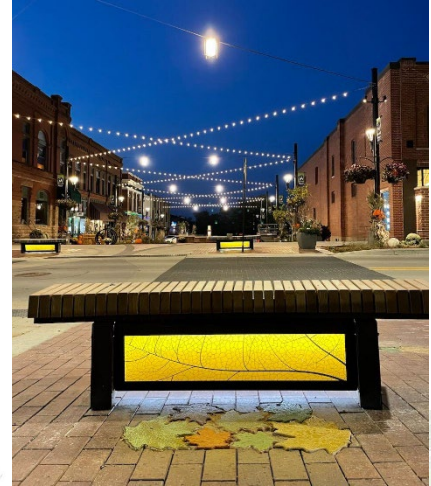
Project Progress: Storm sewer, water main and water service reconnections were completed along 7th Ave between 8th St and 10th St. Parking areas adjacent to Broad and Main were painted. Decorative lighting was programmed and activated.



Stay up to date on this project: [Construction Newsletter](#)

ROAD CLOSURE UPDATE for 7th Avenue Reconstruction & Streetscape Project

Rathje Construction continues working on Phase 5 of the 7th Avenue Reconstruction and Streetscaping Project. During Phase 5, 7th Avenue between 8th Street and 10th Street will be closed to traffic. A detour will be posted and is shown below. The work is expected to last 2 months, weather dependent.



10th Avenue Sidepaths Project - Peterson Contractors, Inc. - \$2,705,569.91

Project Overview: Construct 10-foot-wide side paths within the 10th Avenue (former Business 151) right-of-way, from an existing side path on west side of 35th Street to an existing sidewalk on the east side of Eagleview Drive (approximately 1.1 miles in length, 2.2 miles of trail). No properties are anticipated to be acquired as this project is anticipated to be wholly in the public right-of-way.



Project Progress: A ribbon cutting for the 10th Avenue Sidepaths Project will take place on September 27th at 3:30PM.

2022 ROAD CONSTRUCTION PROJECTS

2022 3rd Avenue Reconstruction Project (NSI) – Rathje Construction \$1,544,679.60

Funding Source: Neighborhood Street Improvements (LOST)

Project Overview: The project will include the complete reconstruction of 3rd Avenue from 22nd Street to 31st Street. This is a two-year project, with the first phase occurring from 26th St to 31st St. Phase 1 will begin after school lets out in the spring. The second stage will occur during the 2023 construction season, and will complete all remaining work from 26th St to 22nd St.

Progress Update: Contractor continued to work on pouring sidewalks and storm sewer tops. Topsoil was put down to prepare for seeding.



S. 31st Street HWY 100 Intersection Improvements - \$727,903.95 – Boomerang Corp.

Project Overview: This is a joint project between the City of Marion and Linn County. The project consists of turn lane improvements and the installation of traffic signals at the intersection of S. 31st Street and Highway 100. The City applied for and was awarded \$500,000 in Traffic Safety Improvement Program funds from the IDOT in early 2020. An agreement was developed between the City of Marion and IDOT. The remainder of the approved budget for the project construction and associated engineering services will be funded by the City of Marion and Linn County.



Progress Update: Signals were activated this week; punch list items remain.

2022 Pavement Rehabilitation Project (Marion Blvd) – Midwest Concrete Inc.
\$624,805

Project Overview: This project will include pavement rehabilitation to Marion BLVD and 1st Avenue E (in Cedar Rapids) from Collins Rd to Armar Dr. This is a joint project with Cedar Rapids to rehabilitate this section of roadway with the intention of reducing impacts to the public by creating a joint project.

Project Progress: Partial patches and full depth patches were completed this week. Next week work will begin on the base and surface.



Tower Terrace Road Project (C Avenue to Alburnett Road)

Phase A Grading & Utility – Boomerang Corp.

Project Overview: This project, using Corridor Metropolitan Planning Organization (CMPO) Regional Surface Transportation Program funding, includes the extension of Tower Terrace Road east from C Avenue to Alburnett Road.

Phase A will contain the grading and underground utility work for this portion of Tower Terrace Rd. Paving and other surface improvements will follow in future years under a separate contract.



Project Progress: Contractor continued to work on grading.

2022 Pavement Patching Project – Eastern Iowa Excavating & Concrete - \$727,723.30

Project Overview: This project will include pavement patching and diamond grinding of the street surface at the following locations:

- 35th St - Willowood to 24th Ave
- 31st St - 3rd Ave to 5th Ave

Project Progress: Removals continued for Phase 2 on 31st St between 4th and 5th Ave. Removals and paving continue 35th St.



ROAD CLOSURE UPDATE for Pavement Patching Project

During Mobilization #3, 31st Street, between 4th Avenue and 5th Avenue will be closed to traffic. This is stage 2 of the patching work to occur on 31st St.

During Mobilization #4, 35th Street, between Willowood Ave and Crown Avenue will have two-way traffic shifted to the east half of the roadway, while patchwork occurs in the west half of the roadway. Patching is to be setup to allow cross street intersections to remain open.

Echo Hill & Alburnett Road Intersection Project – Rathje Construction \$1,484,666.05

Project Overview: A traffic study was completed at the intersection in 2019 and recommended the intersection to be converted to a roundabout. The City applied for and was awarded \$500,000 in Traffic Safety Improvement Program funds from the IDOT in early 2020. The remainder of the approved budget for the project construction and associated engineering services will be funded by the City of Marion.

Project Progress: Contractor continues to work on Phase 2, hauling fill into the center of the roundabout and preparing the area for pouring the cement.



Echo Hill & Alburnett Road Intersection Project ROAD CLOSURE UPDATE – Phase 2
Phase 2 will completely close the north leg of the intersection to traffic. This means access to Echo Hill Road, east of Alburnett Road, will be limited to Alburnett Road from the south, or Echo Hill Road from the west. This intersection will function as a three way stop during Phase 2. This work is expected to last 6-8 weeks, weather dependent.

2022 STORMWATER / DRAINAGE PROJECTS

2022 Storm Sewer / Draintile Project - Midwest Concrete Inc. \$109,212.50

Project Overview: The project, using Storm Water Utility funding, includes the construction and/or reconstruction of storm sewers within the existing system. 2022 Storm Sewer Draintile Project will be done on 5th and 6th Street from 29th to 33rd Avenue.

Project Progress: Contractor worked on cleaning streets and putting topsoil behind the curbs. The remaining driveways and hydroseeding will be done next week.

ROAD CLOSURE UPDATE – Storm Sewer Project

5th and 6th Street, between 29th Avenue and 33rd Avenue traffic will be reduced to one lane of during work hours. Northbound traffic will be required to yield to southbound traffic during this closure. The work is expected to last 14 days, weather dependent.

2022 SANITARY SEWER PROJECT

2022 Miscellaneous Sanitary Sewer Repairs (manhole)

Sanitary Manhole Project: BG Brecke Inc.
\$76,978.00

Project Overview: These projects, using Sanitary Sewer funding generally includes the removal and replacement of old sanitary sewer manholes and associated work. Locations have been identified for the 2022 project.



Project Progress: Contractor completed all of the manholes and have only punchlist items remaining.

Indian Creek Trunk Sewer Replacement Project - \$6,361,229 – LOST and 28E

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.

On June 9, 2016 Marion 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.

Design is complete for Segment 7, letting date to be determined.
Veenstra & Kimm continue design for Segment 11.



Trunk Sewer Segment 11



Trunk Sewer Segment 7

2022

Miscellaneous Sanitary Sewer Repairs (slip lining) – SAK Construction, LLC
\$244,849.00

Project Overview: This project, using Sanitary Sewer funding, typically includes the annual Sanitary Sewer Slip Lining Project.

The project will include the cured-in-place pipe (CIPP) sewer lining of 8-inch to up to 15-inch diameter pipe.

Staff will coordinate with the Public Service Department for sewers within the existing system that are in need of repair but not full replacement.

Project Progress: All pre-cleaning and inspections are complete.

2022 MISCELLANEOUS PROJECTS

2022 Miscellaneous Sidewalk Inspection Program –

Project Overview: This every other year program (even calendar years) includes the evaluation of public sidewalks in approximately half of Marion for code compliance and to notify adjacent owners to correct deficiencies.

Staff will evaluate existing sidewalks per Chapter 141 of the Marion City Code and is intended to minimize public injury liability to both the owner and the City by ensuring that public sidewalks are kept in reasonably good repair.

In 2022, staff will inspect sidewalks on the South side of Marion.

Project Progress: Please contact the Engineering Department at 319-743-6340 with any questions regarding the Sidewalk Inspection Project.

2022 Taube Park Project: Rathje Construction \$163,342.70

Project Overview: This project will reconstruct the parking lot at Taube Park. Work also includes a sidewalk path from Wilkins Elementary to the new parking lot.

Indian Creek Trail – Peterson Contractors Inc. - \$1,719,592.32

Project Overview: The project consists of the construction of a trail connecting Boyson Trail to Tower Terrace Road Sidepaths. The trail will utilize greenspace areas along Indian Creek. Snyder and Associates has been hired as the Engineer for the project. Federal funding has been awarded for the project.

Project Progress: Contractor worked on pilings for bridge 3 this week and continued to pour trail.



SUBDIVISION DEVELOPMENT

Staff provides inspection for the development of all subdivisions and commercial sites within the city limits. This work begins with construction plan review and includes field quality control for storm and sanitary sewers, drain tile, Portland cement concrete maturity, grade, air content, slump (water content) and pavement thickness. The City has adopted the latest version of SUDAS (Statewide Design Standards) and utilizes these standards for all subdivision construction.

Subdivision Residential

Commons at English Glen 6th Addition - Boomerang

Location: Ruffian Road extension. Punch list items remain.

Echo Hill 4th Addition – Pirc Tobin

Location: East of Alburnett Road, north side of Echo Hill Road. Plans have been approved.

First United Methodist Church 1st Addition – 35th Avenue & REC Drive – Dave Schmitt, City Wide - REC Drive plans approved with REC 2nd Addition. 35th Ave plans have been approved but will not be constructed at this time.

Hunters Field 11th Addition – Hawkeye Excavating, E & F

Location: Winslow Rd. and Foxborough Dr. Paving was accepted by Council.

Hunter Ridge North 2nd Addition - Rathje

Location: Royal Oak Ridge Road from Stags Leap Lane to Winslow Road. Contractor worked on paving this week.

Marion Aircom Park 1st Addition - Abode

Location: Location: east of Marion Airport – sanitary and watermain have been installed. Working on Storm sewer.

Rookwood Estates 3rd Addition - Rathje

Location: Between Fernow Rd. and Prairie Ridge Ave., east of HWY 13. Fernow Road work and punch list items remain.

Silver Rock Estates 1st Addition – Pirc Tobin

Location: South side Echo Hill Rd, west of Alburnett Rd. Punch list items remain.

Silver Rock Estates 2nd Addition – Pirc Tobin

Location: South side Echo Hill Rd, west of Alburnett Rd
Sanitary sewer has been installed, and much of the storm.

Commercial Sites

Linn County Business Park - 5606 Business Lane:

Underground utilities are in place. No paving has occurred.

Daisy Garage – 6147 Carlson Way – Underground utilities are in place, building construction is underway.

Green Park Apartments – 1002 31st Street – Building A construction is underway.

Kwik Star – 3055 7th Avenue – Site work and building are nearly complete.

S & S Storage – SW Corner of Partners Ave and N Gateway Drive

Punch list items remain.

Marion Public Library – 6th Ave and 12th Street

Punch list items remain.

Electric Specialty Manufacturing – SW Corner of Partners Ave and Medco Drive

Punch list items remain on the building.

Green Acre Storage – SE Corner of Hwy 151 and Hwy 13

Underground utilities are in place, no paving has occurred.

Broad and Main Mixed Use – SW Corner of 7th Ave and 12th St

Underground utilities are in place, building construction is underway.

Scooters Coffee - 1010 62nd St - underground utilities are in place. Building construction is underway.

Twenty40 Office and Shop - 6407 Partners Ave - Underground utilities are in place. Building construction is underway.

MISD Activities Complex (Marion High School) – Stadium construction is underway.

MISD FMI Addition – Building construction is underway.

Boulevard Apartments and Townhomes - 648 and 610 Marion Blvd - Underground utilities are in place. Building construction is underway.

Tulip Tree Apartments 725 Oakbrook – Site plan is approved. No work has started yet.

Marion Eco-Industrial - 4127 3rd Ave. - Underground utilities are in place. Building construction is underway.

TRAFFIC ADVISORY COMMITTEE (TAC)

As the chairman of the Traffic Advisory Committee (TAC) it is the City Engineer's responsibility to coordinate citizen requests regarding traffic concerns and possible changes in signage or traffic regulations. The TAC is comprised of the City Engineer, City Manager, Police Chief, Fire Chief, Planning Director, and the Public Services Director. The committee meets when necessary and able to evaluate the requests and make a recommendation to City Council whether the request warrants mitigation.

Requests are only accepted in written form (letter or email) and directed to the Mayor and City Council. The City Council then decides if the request is only for information or requires evaluation and referral to the TAC. If review is necessary Council will, by motion, receive and file the item and refer it to TAC.

The TAC evaluates the requests based on several criteria including the following:

- Traffic counts, speed, vehicle type, and overall volumes provided by staff and traffic data collectors,
- Vehicle and pedestrian accident rates provided by the Iowa DOT Saver website,
- Police investigations of actual traffic patterns,
- Site visibility and stopping distances based on engineering standards,
- Emergency vehicle, snow removal, and garbage pickup accessibility,
- General public use versus individual owner needs,
- Input by the requestor and the public.

TAC then uses the criteria to discuss, evaluate, and provide a recommendation to City Council at a regular Council Meeting. The requestor is notified of the date that the report recommendation will be presented and provided a time to address City Council regarding the request. Once Council has acted on the request notice is sent to the requestor and appropriate action is taken by staff. Links to Information on the [Traffic Advisory Committee](#) and the [Correspondence Policy](#) as it relates to TAC request

UPCOMING COUNCIL ACTION ITEMS

On September 22, 2022, City Council will consider:

- Approving a Change Order with Boomerang Corp. associated with the 2022 Sidewalk Ramp Project.
- Approving a contract with Veenstra and Kimm Inc. for Engineering Services related to the 8th Avenue Dam Evaluation and authorizing payment.

PREVIOUS COUNCIL ACTION ITEMS

On September 8, 2022, City Council:

- Approved a Flood Plain Development Permit associated with the Bowman Meadows 7th Addition.

These are not comprehensive lists of items that City Council will consider taking action on or has taken action on; for a comprehensive list please refer to the upcoming City Council agenda, which can be found at www.cityofmarion.org.

IN FOCUS

The City of Marion is pleased to introduce IN FOCUS, a new communication tool and weekly update provided by City Manager Ryan Waller. You can expect high-level updates on various City-related projects, timely reminders and other relevant topics. Sign up to receive the update directly in your inbox at www.cityofmarion.org/enotify, or find it posted on the City website or social media channels.

We continue to build an email list, so please forward addresses to me of those wishing to receive this information. Feel free to forward to anyone with interest.

If you have additional questions regarding ongoing projects, please address them to my email and I will add them to future reports.

Janet Perschek, Project Assistant
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Office 319-743-6340