February 21, 2020

PROPOSED 2020 PROJECT CONSTRUCTION

The complete *Annual Engineering Work Program and Map*, with estimated construction schedules, separated by project type, can be found at [www.cityofmarion.org](http://www.cityofmarion.org).

Each year, in conjunction with the annual City budgeting process, the Engineering Department prepares a Work Program to be presented to City Council for review and approval. Council review typically occurs during February or March when projects are presented by staff and input is taken from Council and the public 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 funds.

The size of the program varies widely from year to year depending on available funding. Local Option Sales Tax has now provided the ability to complete a consistently larger program, better allowing the City to maintain existing infrastructure and provide new systems associated with new development. This year staff is again challenged with an extensive program, including additional larger projects and some smaller projects as constructed in 2019.

The program is divided into four sections: street improvement projects, stormwater/drainage projects, sanitary sewer projects, and miscellaneous projects. We begin with the completion of last year’s projects, transition into this year’s projects, and finish with project development for the next year.

The complete program, with estimated constructions schedules, separated by project type, can be found at [www.cityofmarion.org](http://www.cityofmarion.org). At the time of putting this work program together not all of the budget has been finalized and so some of the 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 availability of contractors, weather and utility conflicts. Descriptions of the proposed projects are as follows.
STREET IMPROVEMENT PROJECTS

Central Corridor Project (13th Street to 19th Street) - Genesis Equities, LLC, $2,100,000 – SUSPENDED FOR WINTER

Funding Source: This is a joint public/private project with the City and Genesis Equities, LLC.

Project Overview: This portion of the project includes the reconstruction of 6th Avenue from 13th Street to 19th Street and a roundabout located at 6th Avenue and 15th Street.

Progress Updates: This project will resume in the Spring.

The Contractor has completed approximately 96% of the contract and used 271 working days.

Intersection Improvements – Highway 13/Hennessey Parkway – Price Industrial Electric - $574,843 – SUSPENDED FOR WINTER

Project Overview: The City of Marion was selected for TSIP funding for the installation of traffic signals and the reconstruction of left turn lanes at the intersection of Hennessey Parkway and IA 13. The improvements are a reaction to commercial development adjacent to the intersection and safety concerns.

Progress Updates: The turn lane improvement portion of the project has been completed and the intersection of Highway 13 & Hennessey Parkway is open to traffic. Project will resume in the Spring.
2019 RCB Culvert Under Central Avenue North of Indian Creek – Boomerang Corp.
$677,777 Funding Source: LOST – SUSPENDED FOR WINTER

**Project Overview:** The project includes the construction of 121 LF of a 12’ by 10’ reinforced box culvert and other associated work at a location just northwest of the Alburnett Rd – Central Ave Bridge. The project will provide a trail crossing underneath Alburnett Road for the future Indian Creek Trail project as well as provide flooding backwater relief of Indian Creek for the proposed Alburnett Road Extension.

**Progress Update:** The project will resume in the Spring.

2019 14th Street Reconstruction Project Neighborhood Streets Improvement (NSI)

**Funding Source:** Neighborhood Street Improvements (LOST) - $1,250,000

**Project Overview.** This project includes the reconstruction of the existing pavement, driveways, storm sewer, subdrain, water main, and other associated work on 14th Street from 12th Avenue to Brockman Avenue. Letting March 10, 2020.
**2020 A Avenue Reconstruction Project Neighborhood Streets Improvement (NSI)**

**Funding Source:** Neighborhood Street Improvements (LOST) - $650,000

**Project Overview:** The proposed project would include the complete removal and replacement of A Avenue and the placement of a rock subbase. The street will be reconstructed from S. 11th St to S. 15th St. This proposal also includes storm sewer improvements the entire length of the project along with relaying sanitary sewer from S. 11th St to S. 12th St and relaying water main from S. 12th St to S. 14th St. The project will be constructed in two phases. Letting March 31, 2020.

![Map of A Avenue Reconstruction Project](image)

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**2019 Irish Drive – Abode Construction - $402,015 – SUSPENDED FOR WINTER**

**Project Overview:** This project will extend Irish Drive from just north of Gill Park to Tower Terrace Road. The roadway extension is a required portion of the overall proposed Marion Fire Station Headquarters Project.

**Progress Update:** Utility work is complete, project work will resume in the Spring.

![Image of Irish Drive Construction](image)
2019 HMA Resurfacing Project - $1,025,331.00 - LL Pelling Company – Contract signed September 19, 2019 work shall be completed no later than June 26, 2020

**Project Overview:** 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. Staff annually evaluates the need for maintenance of local streets against those collector and arterial streets carrying the most traffic.

Staff has reviewed street conditions to confirm locations to be included in the 2019 program. As always occurs, not all streets in need will be addressed in this year’s program but will be considered for future years. Below is the list of streets for resurfacing.

<table>
<thead>
<tr>
<th>STREET</th>
<th>FROM</th>
<th>TO</th>
<th>LENGTH</th>
<th>WIDTH</th>
<th>AREA (SY)</th>
<th>ESTIMATED COST</th>
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<tr>
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<tr>
<td>1 Dry Creek Lane</td>
<td>Dead End</td>
<td>Linnview Dr</td>
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<td>660</td>
<td>26</td>
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<td>300’ N of Squaw Creek</td>
<td>670</td>
<td>30</td>
<td>2233</td>
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2020 HMA Resurfacing Project - $1,000,000

**Project Overview:** 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. Staff annually evaluates the need for maintenance of local streets against those collector and arterial streets carrying the most traffic.

Staff is currently reviewing street conditions to confirm locations to be included in this year’s program. Proposed letting April 2020.
Mini Roundabout – 10th Avenue/10th Street

**Funding Source:** TSIP - $293,000 - LOST - $207,000

**Project Overview:** On December 18, 2018 the City received notice of award of $293,000 from the Traffic Safety Improvement Program [TSIP] for the construction of a mini roundabout at the intersection of 10th Street and Central Avenue/10th Avenue. The remainder of the approved budget for the project construction and associated engineering services will be funded with the City of Marion Local Option Sales Tax Funds. Design is currently underway on the project. Proposed letting is proposed to occur in April/May 2020.
Central Corridor Project (19th Street to 26th Street) – Genesis Equities, TBD

This project is a joint public/private project with the City and Genesis Equities

**Project Overview:** On May 10, 2014 a resolution approving a development agreement with Genesis Equities, LLC including tax increment financing payments in an amount not to exceed $8,400,000 plus interest, was approved by City Council providing for the construction funding by the developer. This agreement includes the Central Corridor Project from 13th Street to 31st Street.

This portion of the project includes the construction of 6th Avenue from 19th Street to 26th Street and will connect to the east end roundabout. Depending on acquisitions, this project may be constructed in multiple phases. The plans have been completed. There are still a few property acquisitions and easements to be completed.

Working days and completion date will be set as part of the public/private agreement for this phase.

Echo Hill and Alburnett Road Intersection Project – $1,000,000

**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. TSIP Funding will become available in July 2020 and an agreement will be 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. Design is anticipated to begin in the summer of 2020.
S. 31st Street HWY 100 - $505,000

**Project Overview:** 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. TSIP Funding will become available in July 2020 and an agreement will be 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. Design is anticipated to begin in the summer of 2020.

7th Avenue and 35th Street - $850,000

**Project Overview:** The project consists of turn lane & median improvements and the installation of new traffic signals at the intersection of 7th Avenue & 35th Street. The project also consists of extending Linden Dr to 7th Avenue and creating a right in / right out intersection. The City applied for and was awarded $140,000 in Traffic Safety Improvement Program funds from the IDOT in early 2020. TSIP Funding will become available in July 2020 and an agreement will be 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. Design is currently underway for this project.
**Tower Terrace Road Project (C Avenue to Alburnett Road) - $9,300,000**

**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. The construction will extend the typical cross section of the divided street with grass median, decorative lights, and trees.

An open house was held in December 2019 to show the slight modifications that have been made due to the environmental review being completed.

The project now moves into final design and property acquisition.

Construction is expected 2021 – 2024. The project will likely be constructed with a utility and grading package occurring one year and a paving section the next. The work will begin at the intersection of Alburnett Road and Tower Terrace heading westerly, broke into several stages.

Additional information can be found at the Tower Terrace website: [https://www.towerterraceroad.com/about](https://www.towerterraceroad.com/about)

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**STORMWATER / DRAINAGE PROJECTS**

**2020 Storm Sewer / Draintile Project - $180,000**

**Project Overview:** The project, using Storm Water Utility funding, includes the construction and/or reconstruction of storm sewers within the existing system. Staff will evaluate and consider projects as they arise typically in conjunction with other projects. Letting will be March 10, 2020.
SANITARY SEWER PROJECTS

2020 Miscellaneous Sanitary Sewer Repairs (manhole) - $120,000

Project Overview: This project, using Sanitary Sewer funding generally includes the removal and replacement of old sanitary sewer manholes and associated work. Locations have been identified for the 2020 project. Proposed Letting April 2020.

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 in an amount not to exceed $315,000.00. Segment 7 is currently being designed; this is expected to take several months. Construction of Segments 7 (1 - 2 phases). Letting for this project is dependent on acquisitions and coordination with the Indian Creek Trail Project.

Trunk Sewer Segment 7
2020 Miscellaneous Sanitary Sewer Repairs (slip lining) - $250,000

**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.

This project will become more important as we convert to a flow based agreement with the City of Cedar Rapids to limit the infiltration of clean groundwater into the sanitary sewer. Proposed letting April 2020.

MISCELLANEOUS PROJECTS

**Airport Improvement Program** - $1,950,000 – LL Pelling – SUSPENDED FOR WINTER

**Project Overview:** The City of Marion was able to obtain grants from the IDOT to take the existing runway that is currently approximately 21 feet wide to a 60-foot-wide runway. This includes additional grading, draintile, runway lighting and other improvements.

**Project Progress:** Work began on this project on September 14, 2019. Contractor worked throughout the Fall on the grading and draintile. Work will be completed on this project in the Spring. Completion date will be weather dependent.
2020 Miscellaneous Sidewalk Inspection Program - $0

**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 2020, staff will inspect an area roughly north of Marion Boulevard/7th Avenue west of 10th Street, and north of McGowan Boulevard east of 10th Street.

Properties found to have violations will be notified of the requirements and procedures to repair the adjacent sidewalk.

2020 Ramp Repair Project – $230,000

**Project Overview:** This annual program, using bonded funding, will include the reconstruction of approximately of sidewalks, sidewalk ramps, and associated work. In 2013 the City of Marion adopted the “Marion 2013 Americans with Disabilities Act Transition Plan” as required by the Americans with Disabilities Act (ADA) of 1990 and Title II. Marion City Council approved the 2017 Marion Americans with Disabilities Act Transition Plan as amended from the 2013 Plan at their March 3, 2017 meeting.

The City of Marion has approximately 3690 sidewalk ramps, of which 34% are compliant with design standards and 66% of the sidewalk ramps are considered non-compliant.

Per the Transition Plan the City has committed to annual funding to provide for the reconstruction of non-compliant ramps.
Cemar Trail

Project Overview: This project is being led by the Planning Department, but the Engineering Department will be taking it over once it is let. Shoemaker and Haaland has been hired as the Engineer for the project.

November 7, 2019 Council approved an addendum to the original agreement to break the project into additional phases so that each phase can move forward as it is designed rather than do it all at once:

- Phase 1 - Demolition of Existing Rail Bridge over Marion Blvd ($320,000). The project is currently contracted with Peterson Contractors Inc. and has a late start date of 8/24/2020 and 40 working days.
- Phase 2 - Construction of Paved Trail from Grand Avenue Spur to Marion Blvd Bridge over Indian Creek ($635,000). Project Letting in April 2020.
- Phase 3 - Reconfiguration and Preservation of Existing Rail Bridge over Indian Creek and Construction of Paved Trail Adjacent to Bridge ($1,445,000). Project letting in February 2020.
- Phase 4 - Construction of Pedestrian Trail Bridge over Marion Blvd and Paved Trail from Bridge to 7th Street ($1,813,000). Letting date to be determined.
- Phase 5 - Construction of Paved Trail from Grand Avenue Spur to City Limits near Mount Cavalry Cemetery ($1,886,000). Letting date to be determined.
Indian Creek Trail - $575,200

**Project Overview:** The project consists of the construction of a trail connecting Boyson Trail to future Tower Terrace Road Sidepaths. The trail will utilize greenspace areas along Indian Creek. This project is being led by the Planning Department, but the Engineering Department will be taking it over once it is let. Snyder and Associates has been hired as the Engineer for the project. Federal funding has been awarded for the project and the project is currently in the environmental and alignment selection portion of the design phase.

![Indian Creek Trail Map](image)

Safe Route to School - $145,000

**Project Overview:** The City of Marion was able to obtain grants WellMark Foundation Match Grant to construct a 10’ wide sidepath between Vernon, FMI, and Marion High School. The first portion of the project will construct a 10’ sidepath from 14th St to 15th St with intersection and crossing upgrades. The project is anticipated to be let in April/May 2020 and constructed the summer of 2020.