

## ENGINEERING DEPARTMENT PROJECT NEWS

September 9, 2016

### CITY NEWS

#### **Swamp Fox Festival Set for Sept. 24**

Don't miss the 27th annual Swamp Fox Festival in Marion. This year's festival will again coincide with the Fall Marion Market coordinated by the Marion Chamber of Commerce. A variety of events will take place in and around City Square Park including the Swamp Fox 5k, a 1-mile kids' fun run, a pancake breakfast, and the always popular Swamp Fox Parade. The market features more than 50 vendors with seasonal produce, artisan items and food options along with children's activities and musical entertainment by Craig Erickson. The fun moves to Lowe Park on Saturday evening for live music at the amphitheater featuring Alisabeth Von Presley, food, life-size games, and a grand fireworks finale. 5K registration forms and the complete listing of events can be found at [www.cityofmarion.org/swampfox](http://www.cityofmarion.org/swampfox).



#### **New Building Inspection Fees Adopted**

Some fees for building permits and rental inspections and services may be changing with your next building project or rental housing inspection. The change was adopted by Marion City Council and went into effect Sept. 1, 2016. The change coincides with a software update and aligns rates with other communities in the metro area. The last rate increase was in 2008. Visit [www.cityofmarion.org](http://www.cityofmarion.org) to learn more.

#### **Fall Into Fitness Tuesday Evenings in September**

Join the Marion Parks & Recreation Department and Marion Blue Zones Project® for a series of fitness classes held outdoors at the Klopfenstein Amphitheater for the Performing Arts at Lowe Park (4500 N 10th Street) in Marion. Each week, for four weeks, a different fitness class will be offered free of charge. Classes will take place every Tuesday evening from 6-7 p.m. during the month of September.

Upcoming classes are as follows:

- Sept. 13 – Pilates (bring a mat or towel)
- Sept. 20 -- FIT Fun (Fitness Interval Training)
- Sept. 27 -- Aerobic Hi/Lo Intervals

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).

## 2016 PROJECTS CURRENTLY UNDER CONSTRUCTION

**35<sup>th</sup> Street / 29<sup>th</sup> Avenue Mini Roundabout Project** – Eastern Iowa Excavating, \$255,366  
**Funding Source:** LOST & Traffic Safety Improvement Program (TSIP) grant funding.

**Project Overview:** The construction of a mini roundabout to replace the existing 2-way stop condition. This project includes installing concrete pavement, sidewalks, curbs and street lighting to complete a mini roundabout at the intersection of 35<sup>th</sup> Street and 29<sup>th</sup> Avenue.

**Progress Updates:** The contractor has used 39 of the 45 working days provided; 100% of the contract has been completed. The project received IDOT approval; City Council accepted the project at their September 8, 2016 meeting.

**Alburnett Road Extension Project** - \$1,300,000 (Concept Study – Snyder & Associates, \$248,950)

**Funding Source:** LOST funding; project funding is not intended to provide for the construction of the bridge over Indian Creek.

**Project Overview:** The funding was proposed to complete several early phases of the project, including the concept study, design and possible right-of-way acquisitions from Boyson Road to 7<sup>th</sup> Avenue. Council has reaffirmed the need for the realignment due to traffic volumes on Central Avenue and 10<sup>th</sup> Street. City Council awarded a contract to Snyder & Associates regarding the concept study on June 23, 2016 in an amount of \$248,950.00.

**Progress Updates:** The Cultural Resource Investigation – Phase 1 is complete and the report is being compiled. The topographic survey is almost complete along with the utility locates. Survey crews are still in the area as they continue the boundary survey and search for pins. They are also working on the Indian Creek hydraulic analysis and the Environmental Report.

An open house will be held regarding the concept study once information and data have been collected and preliminary design decisions have been made.



## Central Corridor Complete Streets and Capacity Improvements

(Roundabout at 7<sup>th</sup> Ave & 7<sup>th</sup> St) - Ricklefs Excavating, LTD, \$2,871,607

**Funding Source:** Bond Funding and a grant from the Iowa Clean Air Attainment Program.

**Project Overview:** Complete reconstruction of the 7<sup>th</sup> Street and 7<sup>th</sup> Avenue intersection which will include a four-legged roundabout. The project will be broken into 7 stages.



**Progress Updates:** The contractor continues to install water main and storm sewer within the current stage. They also continue to pour concrete for the Country Kitchen parking lot and roundabout. Some Stage 7 work may be completed during Stage 5.

The contractor has used approximately 90 of 120 working days provided; 55% of the contract has been completed.

## Central Corridor Project (26<sup>th</sup> Street to 31<sup>st</sup> Street) – Abode Construction

**Funding Source:** This is a joint public/private project.

**Project Overview:** The project includes the partial construction of the Central Corridor Project between 13<sup>th</sup> and 31<sup>st</sup> Streets by Abode Construction, including the roundabout near the old Marion Iron site connecting 6<sup>th</sup> Avenue to 7<sup>th</sup> Avenue. The roundabout will be constructed as a part of Phase 2 with five separate stages.



**Progress Updates:** Last week CenturyLink finished their work and Alliant removed all power poles. The installation of drain tile and water main has been completed for this stage. This week the contractor continued to work on grading and placing the granular subbase. Stage 2 is anticipated to be completed by mid-September, weather and utility dependent.

Working days and completion date will be set and controlled by the developer. The contractor has completed 34% of the Phase II contract.

We encourage people to use 8<sup>th</sup> Avenue to access those businesses within the construction area as it is difficult to make left hand turns during peak hours. At this time, left hand turns are not permitted at the intersection of 7<sup>th</sup> Avenue and 31<sup>st</sup> Street.

**Fairview Drive Reconstruction** - Rathje Construction Co., \$537,400

**Funding Source:** Miscellaneous Street Repair funding.

**Project Overview:** The project includes the reconstruction of Fairview Drive from S. 8<sup>th</sup> Street to S. 11<sup>th</sup> Street.

**Progress Updates:** Last week driveways were poured back and intake tops were set. This week final grading and installation of sidewalks began.

The contractor has used approximately 57 of 70 working days provided; 84% of the contract has been completed. Liquidated damages in the amount of \$500 per day will be assessed for each calendar day in excess of this schedule.



**ImaginArt in the Alleys Project** - Central States Concrete, LLC, \$343,468.15

**Funding Sources:** ArtPlace America Grant - \$350,000; City bond funds - \$315,000; public/private donations approximately - \$175,000.

**Project Overview:** Infrastructure improvements to the alleys between 10<sup>th</sup> & 11<sup>th</sup> Streets and 7<sup>th</sup> & 8<sup>th</sup> Avenues. The project includes the installation of: new paving, lighting, drainage systems, art, and aesthetic enhancements.

**Progress Updates:** Last week light pole bases, art work footings, frost footings and intakes were all poured. They started building the retaining wall and steps. Mediacom also got their cables moved underground. This week they are finishing the retaining wall and steps. ImOn will also move their lines underground.



The contractor has completed 50% of the contract. The project shall be completed no later than October 23, 2016. Liquidated damages in the amount of \$1,500 per day will be assessed for each calendar day in excess of this schedule.

**2016 Lowe Park Parking Lot Project** - L.L. Pelling Company, Inc., \$671,415.65

**Funding Source:** LOST funding

**Project Overview:** This includes the extension of Irish Drive into Lowe Park, along with the construction of two parking lots and adjacent trails.

**Progress Updates:** The site has been too wet for the contractor to work the past week. The site has been rocked and is ready to be paved once it dries out.



Three extra working days were added to the project per a change order. The contractor has used approximately 29.5 of the 53 working days provided; 50% of the contract has been completed. Liquidated damages in the amount of \$300 per day will be assessed for each calendar day in excess of these schedules.

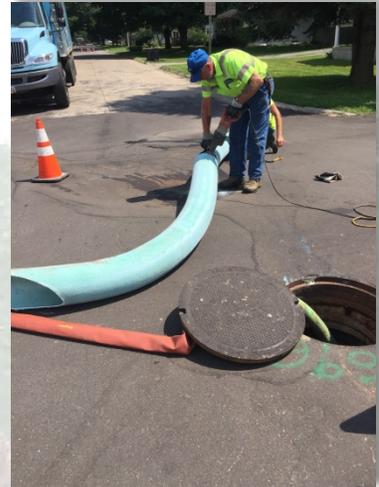
### **2016 Sanitary Sewer Slip Lining Project – Visu-Sewer, Inc., \$137,303**

**Funding Source:** The 2016 Sanitary Sewer Repair Program has a budget of \$240,000. This is being broken down into two separate projects due to the differences in the types of projects and the contractors that would bid these types of projects.

**Project Overview:** This project, using Sanitary Sewer funding, will include the cured-in-place pipe (CIPP) sewer lining of approximately 6,123 LF of 8-inch diameter pipe. Locations are as follows:

- 5<sup>th</sup> Street, north of 29<sup>th</sup> Avenue
- 26<sup>th</sup> Street, south of 17<sup>th</sup> Avenue
- 17<sup>th</sup> Avenue, from 26<sup>th</sup> Street to 27<sup>th</sup> Street
- 18<sup>th</sup> Avenue, 27<sup>th</sup> Street to 31<sup>st</sup> Street
- 26<sup>th</sup> Street, from 4<sup>th</sup> Avenue to 5<sup>th</sup> Avenue
- 4<sup>th</sup> Avenue, from 26<sup>th</sup> Street to 31<sup>st</sup> Street
- 27<sup>th</sup> Street, from 10<sup>th</sup> Avenue to 11<sup>th</sup> Avenue
- 27<sup>th</sup> Street, from 12<sup>th</sup> Avenue to 14<sup>th</sup> Avenue
- 28<sup>th</sup> Street, from 10<sup>th</sup> Avenue to 12<sup>th</sup> Avenue
- 30<sup>th</sup> Street, from 11<sup>th</sup> Avenue to 12<sup>th</sup> Avenue
- 12<sup>th</sup> Avenue, from 30<sup>th</sup> Street to 31<sup>st</sup> Street

**Progress Updates:** The contractor has completed 100% of the contract; work was required to be completed no later than Sept. 25, 2016. City Council accepted the project on September 8, 2016.



### **2016 Sidewalk Assessment Project – Borst Bros. Construction, Inc. \$128,445**

**Funding Source:** Annual program using Capital Improvement Project funds

**Project Overview:** This annual program provides for the construction of sidewalks in areas where no sidewalk currently exists. Below are the locations that will receive sidewalk as a part of this program per the State process for assessment along with their approximate starting dates:

- 27<sup>th</sup> Street (West Side) From 10<sup>th</sup> to 12<sup>th</sup> Avenue **[Completed]**
- Grand Avenue (South Side) South 15<sup>th</sup> Street to 420' west **[Completed]**



- Barrington Parkway (North Side) west of 10<sup>th</sup> Street [**approx. 8.22.16 – 9.2.16**]
- East Post Road (West Side) Oakbrook Drive to 1040 Grand Avenue [**Completed**]

**Progress Updates:** Concrete work is finished on 27<sup>th</sup> Street, East Post Road and Grand Avenue. The forms are in place on Barrington Parkway. This section will be poured in the upcoming weeks.

The contractor has used approximately 20 of the 40 working days provided; 98% of the contract has been completed. Liquidated damages in the amount of \$300 per day will be assessed for each calendar day in excess of the schedule.

### 2016 Sidewalk Inspection Program

**Project Overview:** Every two years the Engineering Interns walk the sidewalks, marking those that do not meet City of Marion standards with pink paint. This year they have walked the northern portion of Marion, approximately McGowan Blvd and north. This is done to help ensure that our city sidewalks are user friendly and safe for citizens.



**Progress Updates:** A second round of letters were mailed out on August 16 to those property owners that had not repaired their sidewalk violation. Approximately 77% of the violations have been repaired.

### Tower Terrace Road Project – Phase V – Mooney-Engle Land Company, \$1,517,642

**Funding Source:** This is a joint public/private project.

**Project Overview:** The project includes the extension of Tower Terrace Road east from the 10<sup>th</sup> Street intersection to the new location of Winslow Road, west of Indian Creek. The construction will extend the typical cross section of the divided street with grass median, decorative lights, and trees. The project will also include the completion of the signalization of the 10<sup>th</sup> Street and Tower Terrace Road intersection.



**Progress Updates:** Rock is in place and is waiting for the string line to be placed. Once that is done the road is ready to be paved.

Construction activities are anticipated to have limited impact to traffic.

### Waldo's Rock Park Parking Lot - \$150,000

**Funding Source:** REAP grant awarded to the Marion Parks & Recreation Department

**Project Overview:** In June 2015 Waldo Morris donated 7.4 acres of land near Partners Avenue and 62<sup>nd</sup> Street to the City to be used as a city park. The park will feature a glacial erratic

boulder formation, which will serve as the center of the park. The park will include a trail loop and a fishing pier. An access road and parking lot will be constructed off of Partners Avenue. The project also includes a trail head connection to the Grant Wood Trail, pavilion, and trees and prairie grasses.



**Progress Updates:** Grading and asphalt surfacing of the parking lot and roadway entrance along with the trail loop around the pond have been completed. They have also started constructing the pavilion. Within the next few weeks, pond restoration and deepening will begin.

The project is expected to be completed and opened to the public in 2017.

### **Winslow Road Realignment Project** - Mooney-Engle Land Company, \$1,070,411

**Funding Source:** Joint public/private project

**Project Overview:** This includes the relocation of Winslow Road from south of Settlers Drive to Tower Terrace Road. The new alignment will go through Bridge Creek Fourth Addition. The realignment will have a typical cross section of a collector street with trail on one side and sidewalk on the other.

**Progress Updates:** The new realignment of Winslow Road will remain closed west of the current Winslow Road/Winslow Road (new alignment) intersection until the connection is made with Tower Terrace Road. This section has been rocked and is waiting to be paved. Sidewalk ramps still need to be poured for the portion of the street that has been paved.

Working days and completion date will be set and controlled by the developer. Paving of the realigned Winslow Road has been completed just past the existing Winslow Road.



### **2016 Winslow Road Reconstruction Project** – Rathje Construction - \$994,589.75

**Funding Source:** LOST funding

**Project Overview:** The project will include the reconstruction of Winslow Road from approximately Para Drive south to Berry's Run Bridge. The project includes the reconstruction of the existing pavement, driveways, storm sewer, sub drain, water main and other associated work. The project will begin in 2016 and will be completed in 2017. During the 2016 construction season, work is expected to last approximately 3-5 months. The project has been split into four stages; complete street closure will occur within each stage of the project and the detour plans can be found on the City's website. Detour signs will also be posted.



### **Armar Drive Extension Project - \$400,000**

**Project Overview:** The project will extend Armar Drive from the existing south end (in Cedar Rapids) to Highway 100. The intersection at Highway 100 has already been constructed and signalized with ARRA Funds.



**Progress Updates:** The owner's appraisal received by the City on August 11, 2016 is currently being reviewed by the City's attorney in preparation of condemnation proceedings.

### **Boyson Road and 10<sup>th</sup> Street Traffic Study - \$60,000**

**Funding Source:** LOST funding

**Project Overview:** This study will evaluate the need for improvements at the Boyson Road and 10<sup>th</sup> Street intersection. It is expected that the intersection of Indian Creek Road and 10<sup>th</sup> Street will also need to be included due to its proximity to the study area.

Traffic volumes, accident rates, congestion levels, and visibility will be studied prior to the selection of a traffic device to solve any related issues. Separate funding will be needed to complete any recommended changes.

### **2016 Lowe Park Lighting Project – Trey Electric Corporation, \$79,173**

**Funding Source:** LOST funding

**Project Overview:** This project includes the installation of 6 street lights, 5 dual parking lights, 18 trail bollards, footings, electrical systems, and miscellaneous related work and appurtenances in accordance with the contract documents.



**Progress Updates:** Work cannot start on this project until the 2016 Lowe Park Parking Lot Project is complete; however, work shall begin no later than April 30, 2017 and be completed within 25 working days. Liquidated damages in the amount of \$100 per day will be assessed for each calendar day in excess of these schedules.

## **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

**Authors 4<sup>th</sup> Addition** - Rathje Construction, E & F Paving

Location: East side 35th Street

Installation of sanitary sewer has begun.

**Bedford Heights** – Pirc Tobin Construction

Location: West of Alburnett Road / south of Echo Hill Road

Punch list items remain.

**Bowman Meadows 4<sup>th</sup> Addition** – Rathje, E & F

Location: South of Boson Road, west of Alburnett Road

Water main is being installed.

**Bowman Woods Unit 37** - Rathje Construction, E & F Paving

Location: south of East Robins Road, west of Alburnett Road

Work is on hold. They plan on paving next year.

**Bridge Creek 4<sup>th</sup> Addition** - Ricklefs Excavating, City Wide

Location: Winslow Road south of Rolling Glen Drive Storm

See Winslow Road Realignment.

**Echo Ridge Estates 1<sup>st</sup> Addition** - Pirc Tobin

Location: west side of Alburnett Road, north of Echo Hill Road

Crossings are completed. Water main and sanitary work in

south basin is next.

**Edgebrooke Estates North 1<sup>st</sup> Addition** – Rathje

Construction, E & F Paving

Location: extension of Edgebrooke Drive to Vaughn Drive and

White Oak Drive to Edgebrooke Drive.

Streets have been paved. Still need to pave the intersections.

**Gemstone Estates 3<sup>rd</sup> Addition** – Rathje Construction, E & F

Paving

Location: extension of Gemstone Drive and connection to Tower Terrace Road via Lennon Lane.

Streets have been paved. Still need to pave the intersections.

**Prairie Hill 17<sup>th</sup> Addition** –

Location: extensions of 50<sup>th</sup> Street and Prairie Hill Drive, and 28<sup>th</sup> Avenue.

A preconstruction meeting has not been held yet.

**Prairie Ridge Estates 7<sup>th</sup> Addition** – Ricklefs, City Wide

Location: East of Hwy 13 and north of E. Kacena Ave, extension of Crestwood Lane.

Installation of sanitary sewer has begun.



## Commercial Sites

**APC Emmeret Site Plan (4155 3<sup>rd</sup> Ave)**

A temporary occupancy certificate has been issued.

**Arbor Trails Senior Housing (1362 Blairs Ferry Rd)**

Building is under construction.

**Arctic Insulation Specialists (Partners Ave)**

Site plan reviewed and approved. Site work has not started.

**Blairs Ferry Senior Housing (830 Blairs Ferry Rd)**

Building is under construction.

**Capital Commercial (1204 7<sup>th</sup> Ave)**

The current building permit has expired. It is unknown at this time when reconstruction will begin.

**Croell Redi-Mix (600 49<sup>th</sup> St)**

Site under construction.

**Electric Specialty Manufacturing (6451 Partners Ave)**

A temporary occupancy certificate has been issued.

**El Plast Site Plan (Partners Ave)**

Site stabilization and punch list items remain.

**Hills Bank (3204 7<sup>th</sup> Ave)**

Site under construction.

**Hotchkiss Commercial Property (1286 Blairs Ferry Rd)**

Building construction continues on Building C; Buildings A & B have been given temporary occupancy.

**Integrity Homes Commercial Condos (591 62<sup>nd</sup> St)**

Site work nearly completed.

**Former Irwin's Building (1180 7<sup>th</sup> Ave)**

Plans have been approved.

**KTRO Storage Units (4150 3<sup>rd</sup> Ave)**

Construction is complete and the final occupancy certificate has been issued.

**Lebeda Mattress Factory (2525 7<sup>th</sup> Ave)**

Site is under construction, the exterior brick and interior framing has been completed.

**Legacy Site Plan (6509 Partners Ave)**

Temporary occupancy certificate has been issued.

**Linn COOP Expansion (3<sup>rd</sup> Ave)**

Building Department has issued a temporary occupancy certificate.

**Linn Mar High School Remodel (10<sup>th</sup> St)**

Site under construction.

**MISD-Longfellow Elem (2900 8<sup>th</sup> Ave)**

Site is in the beginning stages of construction.

**Marion Public Services Site (3<sup>rd</sup> Ave)**

No additional review was done. Prelim plans have been reviewed in the past.

**Moose Properties (44<sup>th</sup> St)**

Construction has started on the proposed "middle" building.

**Parks/Schmidt Stonefield (901 Tower Terrace Rd)**

Plans have been approved and foundation work has begun.

**Platinum Multi-Family (Prairie Hill Drive)**

Construction of the site continues.

**Platinum Multi-use (29<sup>th</sup> Ave / Prairie Hill Dr)**

Site plan reviewed and comments sent back to Consultant.

**Platinum Warehouse (102 35<sup>th</sup> Street)**

Building construction has started.

## 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 Police Department,
- 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.

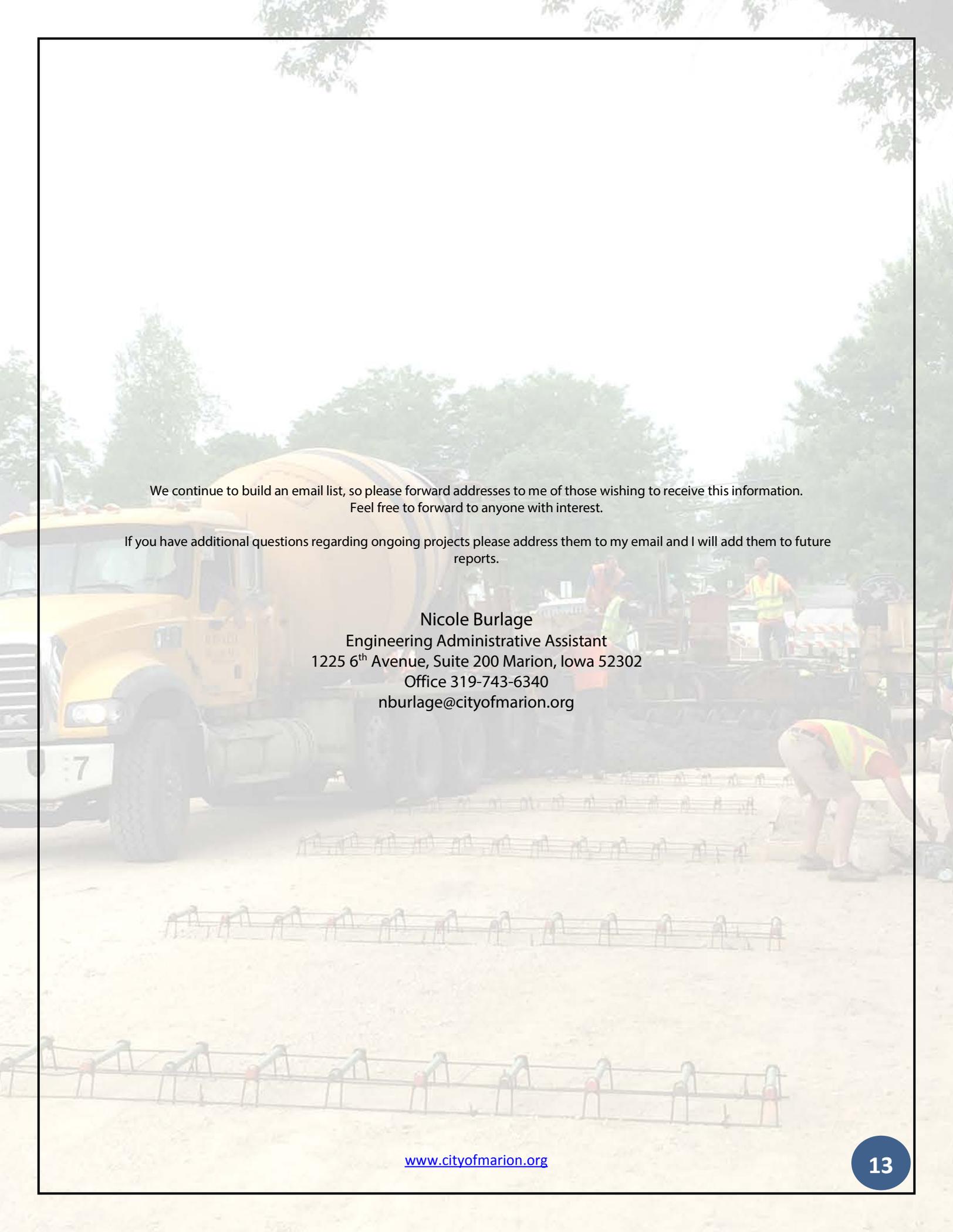
TAC then uses the criteria to discuss, evaluate, and provide a recommendation to City Council at a regular Council Meeting. The requestor is notified of the date that the report recommendation will be presented and provided a time to address City Council regarding the request. Once Council has acted on the request notice is sent to the requestor and appropriate action is taken by staff.

- **At this time TAC has not received any requests to review.**

## PREVIOUS COUNCIL ACTION ITEMS

- **On September 8, 2016 City Council:**
  - **accepted the 35<sup>th</sup> Street and 29<sup>th</sup> Avenue Mini-Roundabout (CS-TSF-4775(629)--85-57).**
  - **accepted the 2016 Sanitary Sewer Sliplining Project.**
  - **Accepted an encroachment agreement with Ken and Karen Swalley regarding 3501 29<sup>th</sup> Avenue.**
  - **approved the installation of stop signs on Adare Pass, Lennon Lane, Citrine Court, Vaughn Drive, and White Oak Drive.**

*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](http://www.cityofmarion.org).*



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.

Nicole Burlage  
Engineering Administrative Assistant  
1225 6<sup>th</sup> Avenue, Suite 200 Marion, Iowa 52302  
Office 319-743-6340  
nburlage@cityofmarion.org