



engineering department **PROJECT NEWS**

JUNE 8, 2015

CITY NEWS

Marion's Boyson Trail and Thomas Park Closed

Boyson Trail and Thomas Park are both closed following heavy rains and flooding that occurred the evening of June 11. The Boyson Trail system, Legion Park Disc Golf Course and Thomas Park playgrounds, pavilions, splash pad, and basketball courts are closed to the public. Access to Thomas Park will be limited to City staff only, until further notice. The public is reminded to observe and obey signage at the entrances of parks and trails. Questions can be directed to the Marion Parks and Recreation Department at (319) 447-3580 or (319) 447-3590.

Uptown Marion Market to Begin June 13

Uptown Marion Market is set for the 2nd Saturday, June – August (June 13, July 11 and August 8) from 8 a.m. – noon in Uptown Marion's City Square Park. This year's market will feature over 50 vendors with fresh produce, plants, baked goods, honey, organic meat, Iowa wines, salsa, jellies and an array of artisan items. In addition, food vendors will be onsite to offer a variety of take-and-eat items.

A variety of programming and live entertainment will be offered throughout the summer along with informational demonstration booths including the Master Gardener Plant Doctors, Linn County Trails Association, Marion Blue Zones Project, City of Marion and more.

Uptown Marion Market is sponsored by the Marion Chamber Platinum Community Partners – Farmers State Bank, Fosters Heating and Air Conditioning, ImOn Communications, MercyCare Community Physicians-Marion and Mercy Medical Center, Philip's Diamond Shop and TownSquare Media and is presented by the Marion Chamber of Commerce and Uptown Marion.

Sunrise Yoga Continues Tomorrow

Rise and Shine! Join the Marion Parks and Recreation Department and Marion Blue Zones Project® every Saturday this summer (June, July, August) at the Klopfenstein Amphitheater at Lowe Park (4500 N. 10th Street) for free sunrise yoga. Classes start at 7:30 a.m. and will last 45 minutes to an hour. Participants are asked to bring a towel or yoga mat to use during the class. Weather-related announcements will be made through Facebook and/or the City website.



2015 PROJECT CONSTRUCTION UPDATE

The complete Annual Engineering Work Program and Map, with estimated construction schedules, separated by project type, can be found at www.cityofmarion.org.

- **Engineering Technician Position Now Open**

The City of Marion is seeking qualified applicants for an **Engineering Technician**. This technical position within the Engineering Department assists in the planning, construction, and maintenance of various public works projects.

Requires: High School Diploma, Graduation from an accredited college or university with an Associate Degree in engineering technology or 3 years of experience in public works construction, and a Valid Iowa driver's license.

Responsibilities include construction testing and inspection, surveying, drafting. Experience in CAD drafting, total station surveying, materials testing, and construction design or inspection desirable.

Salary range \$44,232 - \$58,687, depending upon qualifications and experience. Liberal benefits package. Submit letter of transmittal, City of Marion application, and resume to City Engineer, 1225 6th Avenue, Marion, IA 52302 or email dwhitlow@cityofmarion.org.

Deadline: 5:00 p.m. June 15, 2015

Equal Opportunity Employer.

- **2015 Miscellaneous Sidewalk Assessment Project**

This annual program, using Capital Improvement Project - Sidewalks funding, provides for the construction of sidewalks in areas where no sidewalk currently exists.

This project includes the construction of sidewalk on 27th Street on the east side from 5th Avenue to 2nd Avenue and on 27th Street on the west side from 19th Street to 12th Street. Items include approximately 6,486 SF of 4-inch thick PCC sidewalk, sidewalk ramps and associated work.

On June 4, 2015 City Council approved the project calendar for the project providing for the authorization of proceeding with the construction of the project.

Sealed bids will be received by the City of Marion on the 23rd day of June, 2015.

Work shall commence no later than August 3, 2015 and be completed within 40 working days.

Liquidated damages in the amount of \$300 per working day will be assessed for work not completed within this time.

The preliminary engineer's estimate for associated work is: \$88,332.

Construction is expected in the summer of 2015 and will include some partial lane closures.

- **35th Street / 29th Avenue Mini Roundabout Project – \$229,600**

The project, using LOST and Traffic Safety Improvement Program (TSIP) grant funding, includes the construction of a mini roundabout to replace the existing 2-way stop condition.

This project involves installing 1,066 SY of 8-inch Portland cement concrete (PCC) pavement, 182 SY of 4-inch PCC sidewalk, 888 LF of PCC curb, and street lighting to complete a mini roundabout at the intersection of 35th Street and 29th Avenue.

A mini roundabout is a roundabout with a smaller footprint and a fully traversable central island. As with modern roundabouts, mini roundabouts do not have design standards but rather design guides and principles.

The project has received approval from the Iowa DOT to proceed with construction letting.

Sealed bids will be received by the City of Marion on the 14th day of July, 2015.

Work shall commence no later than April 11, 2016 and be completed within 45 working days. Liquidated damages in the amount of \$300 per day will be assessed for each day in excess of these schedules.

The preliminary engineer's estimate for associated work is \$225,300.

City Council will consider approval of the Project Calendar and direct staff to proceed with distribution of plans and receiving of bids at a future meeting.

- **2015 Storm Sewer Project - Dave Schmitt Const. Co. Inc., \$153,757**

The project includes the construction of storm sewer and draintile, as well as effected sidewalks, drives, and ramps at the following locations:

- Grand Avenue (North Side) 1800 Grand Avenue to South 22nd Street
- 1st Avenue (North Side) South 22nd Street to School Street
- 26th Avenue (South Side) East of Indian Creek Road to Lynn Drive
- Northview Drive (East Side) 25th Avenue to 27th Avenue
- 29th Avenue (South Side) 35th Street to Highland Drive
- Highland Drive (East Side) 28th Avenue to 29th Avenue
- 27th Street (West Side) 18th Avenue to McGowan Boulevard

Nine sealed bids were received by the City of Marion on the 9th day of June, 2015.

A low bid of \$153,757.00 was received from Dave Schmitt Construction Co Inc. @ 76.96% of the engineer's estimate.

The preliminary engineer's estimate for associated work is \$199,793.

Work shall commence no later than April 11, 2016 and be completed within 45 working days.

Liquidated damages in the amount of \$300 per day will be assessed for each day in excess of the specified completion date.

On June 18, 2015 City Council will consider awarding the contract to Dave Schmitt Construction Co Inc. in the amount of \$153,757.

The project will require localized temporary lane closures at several locations.

- **2015 Alburnett Road Widening Project - Rathje Construction Co., \$189,587**

The project, using Miscellaneous Street Repair funding, includes the widening of Alburnett Road between 29th Avenue and East Robins Road to provide for the addition of a dedicated left turn lane north and south. Additional tapers north and south of the intersections/widening will allow traffic to transition into the widened areas.

Eight sealed bids were received by the City of Marion on the 9th day of June, 2015.

A low bid of \$189,587 was received from Rathje Construction Company @ 49.2% of the engineer's estimate.

The preliminary engineer's estimate for associated work is \$385,047.

Work shall commence no later than April 11, 2016 and be completed within 50 working days.

Liquidated damages in the amount of \$300 per day will be assessed for each day in excess of the specified completion date.

On June 18, 2015 City Council will consider awarding the contract to Rathje Construction Company in the amount of \$189,587.

Some lane closures and localized congestion are expected during construction.

- **Central Corridor Complete Streets and Capacity Improvements (Roundabout at 7th Ave & 7th St) - Ricklefs Excavating, LTD, \$2,871,607**

The project, using Bond funding and a grant from the Iowa Clean Air Attainment Program, will include the reconstruction of the 7th Street and 7th Avenue intersection. The completed project will include a roundabout and connection to all entering street legs.

The Iowa DOT held a bid letting date of May 19, 2015. Two sealed bids were received with an apparent low bid of \$2,871,607.

On June 18, 2015 Marion City Council will hold a Public Hearing at 5:30 p.m. and consider award of the contract to Ricklefs Excavating, LTD for the Central Corridor Complete Streets and Capacity Improvements, Roundabout at 7th Avenue 7th Street, in the amount of \$2,871,607.

Any interested person may appear and file written or oral support or objections to the aforesaid improvement or to the cost of the same.

Construction could begin as early as July 2015 or as late as April 2016. The late start date of April 2016 has been provided to accommodate the work load and resources of bidders. 120 working days has been designated.

The project will be broken into 6 stages. Two lanes of through traffic will be maintained at all times, along with access to adjacent businesses.

Timeline:

- Contracts and Bonds Accepted by City Council: 7.9.15
- Contracts and Bonds to Iowa DOT: 7.13.15
- Receive concurrence of Contracts and Bonds from IDOT: TBD
- Proposed Public Open House: TBD

- **Hillview Drive Reconstruction Project** - Abode Construction, Inc., \$314,173.84

The project, using Miscellaneous Street Repair funding, includes the reconstruction of Hillview Drive from 8th Street to 11th Street.

The project includes the reconstruction of the existing pavement, driveways, storm sewer, subdrain, water main and other associated work.

The contractor has completed construction of the mainline pavement and has started driveways and backfilling.

Complete closure of the site will continue with some local traffic allowed until completion of the project.

The contractor has used approximately 24 of 40 working days provided.



Hillview during pavement construction

- **2015 29th Avenue Widening Project** - \$579,000

The project will widen the north half of 29th Avenue from approximately 900 feet east of 35th Street to 44th Street.

On March 19, 2015 Council approved an agreement with Prestwick, LCC (Dustin Kern, Manager) to construct a joint public/private project to complete the widening of 29th Avenue.

The developer has contracted with Anderson-Bogert Engineers to design the project and prepare construction plans. Project construction will be contracted by the developer, not City letting.

City staff has approved construction plans and forwarded them to the developer for bidding.

Once the project is completed, the City will establish access fees to recover costs to be covered by the developers upon final platting of adjacent properties. Construction is expected to occur this summer and require some short term lane closures on 29th Avenue.

- **35th Street Reconstruction Project** - Ricklefs Excavating, Ltd., \$819,320.03

The project, using LOST funding, includes the reconstruction of 35th Street from Business Highway 151 to south of the abandoned railroad (1,400 feet).

All items have been constructed in substantial compliance with the plans and specifications.

On June 18, 2015 City Council will consider acceptance of the project.

Estimated final project cost is to be 101.8% of contract.

The contractor has used approximately 83 of 75 working days provided.

- **2015 Ramp Repair Project** - Hunt Construction, \$65,875.60

The project, using Capital Improvement Project - Sidewalks funding, will include reconstruction of sidewalk ramps and associated work in 24 locations.

The contractor has completed the construction of ramps and is seeding disturbed areas.

The contractor has used approximately 32 of 50 working days provided.

- **Irish Drive Extension Project** - CCE, LLC., \$1,029,896.97

The project, using LOST and Bond funding, includes the construction of the extension of Irish Drive from Tower Terrace Road to Lowe Park. The project also includes the construction of a left-turn lane from east bound Tower Terrace Road onto Irish Drive and the construction of the east-west street intersections and associated utility crossings.

The contractor has completed all concrete work and continues with grading and seeding of adjacent properties.

The project is a public/private effort with construction controlled by the developer so there are no working days assigned to the project.

- **13th Street HMA (Hot Mix Asphalt) / Curb Project** - L. L. Pelling, L.C., \$194,095.45

The project, using LOST Funding, includes the reconstruction of 13th Street from 8th to 10th Avenues.

The project includes the reconstruction of the curb and gutter sections, sidewalks, drives, and ramps and asphalt overlay of the existing brick surface.

The contractor has completed concrete work on the east side and placed asphalt base for pavement. They have begun removal of concrete on the west side and are expected to complete the project by July 1, 2015 if weather allows.

Complete closures of these blocks will continue until pavement reconstruction is complete.



East side concrete work completed

The contractor has used approximately 14 of 35 working days provided.

- **Hwy 151/13 Signal Advanced Warning Device Project - \$150,000**

The project, using Capital Improvement Project–Signal funding, includes the addition of Signal Advanced Warning Devices (AWF) along Highway 151/13 at existing signalized intersections.

Shive completed construction plans regarding the addition of the advanced warning devices at the intersections with Highway 100, Linn Aire Avenue, and 10th Avenue/Highway 151.

The Iowa DOT has provided review and comment for the proposed intersection installations as follows:

Of the three intersections, we would only recommend the installation at IA 100/Secrist Road (both NB and SB). This is consistent with other AWF installations by the DOT on divided highways. Typically, these have been installed in rural/isolated locations with a posted speed limit of 55 mph or greater. Along with the proposed AWF installation, we recommend increasing their NB and SB yellow times from 4.0 seconds to 5.6 seconds (or more based on the grade). The yellow times we recommend are from the Traffic Control Devices Handbook, 2nd Edition (see Table 10-11 in the attachment – YellowTimes.pdf).

At this intersection, they're also proposing an AWF along Secrist Road (Westbound). Since that roadway is under city or county jurisdiction, we will let them comment/decide on that installation. Below is a summary of reasons we do not recommend installation at the other 2 intersections (for each proposed approach):

Business 151/10th Avenue/US 151

Southbound

- This is in a posted 50 mph zone. To be consistent with other DOT AWF installations, we prefer them posted 55 mph or higher.
- Although this is the 1st signal as they enter Marion, within a mile of this intersection, there is more development (residential/commercial) and the speed limit has dropped from 65 mph to 55 mph to 50 mph. This should indicate to the driver they are no longer in a rural higher speed area.
- We recommend increasing their yellow time from 5.0 seconds to 5.2 seconds (or more based on the grade). See Table 10-11 in the attachment (YellowTimes.pdf).

Westbound

- This is in a posted 50 mph zone. To be consistent with other DOT AWF installations, we prefer them posted 55 mph or higher.
- Although this is the 1st signal as they enter Marion, within a half mile of this intersection, the speed limit has dropped from 65 mph to 55 mph to 50 mph. This should indicate to the driver they are no longer in a rural higher speed area.
- The report states this movement has significant truck traffic (6-8%) and the intersection is at the bottom of a hill (what is the grade?). We reviewed their reference to MnDOT's AWF guidelines and they would consider installations where truck volume exceeds 15% and the grade is 3% or greater. We agree with MnDOT's guidelines.
- We recommend increasing their yellow time from 4.3 seconds to 5.2 seconds (or more based on the grade). See Table 10-11 in the attachment (YellowTimes.pdf).

Northbound

- This is in a posted 50 mph zone. To be consistent with other DOT AWF installations, we prefer them posted 55 mph or higher.
- The report states this movement has significant truck traffic (6-8%) and the intersection is at the bottom of a hill (what is the grade?). We reviewed their reference to MnDOT's AWF guidelines

and they would consider installations where truck volume exceeds 15% and the grade is 3% or greater. We agree with MnDOT's guidelines.

- This approach is only about one-third of a mile from the previous signalized intersection (Linn Aire Avenue).
- We recommend increasing their yellow time from 5.0 seconds to 5.2 seconds (or more based on the grade). See Table 10-11 in the attachment (YellowTimes.pdf).

Linn Aire Avenue

Southbound

- This is in a posted 50 mph zone. To be consistent with other DOT AWF installations, we prefer them posted 55 mph or higher.
- The report states this movement has significant truck traffic (6-8%). We reviewed their reference to MnDOT's AWF guidelines and they would consider installations where truck volume exceeds 15%. We agree with MnDOT's guidelines.
- With 0 injuries and 1 PDO collision, we would not consider this a serious crash location.
- Since this is at the top of a hill, this should help vehicles slow down if they are braking.
- This approach is only about one-third of a mile from the previous signalized intersection (Business 151/10th Avenue/US 151).

Northbound

- This is in a posted 50 mph zone. To be consistent with other DOT AWF installations, we prefer them posted 55 mph or higher.
- Within one-third of a mile from this intersection, the speed limit has dropped from 55 mph to 50 mph. This should indicate to the driver they are no longer in a rural higher speed area.
- The report states this movement has significant truck traffic (6-8%). We reviewed their reference to MnDOT's AWF guidelines and they would consider installations where truck volume exceeds 15%. We agree with MnDOT's guidelines.
- With 1 major injury (alcohol) and 2 PDO collisions, we would not consider this a serious crash location.
- Since this is at the top of a hill, this should help vehicles slow down if they are braking.

The City Council will consider staff's recommendation to proceed as recommended at a future meeting.

- **2015 Sanitary Sewer Sliplining Project** – Municipal Pipe Tool Co., \$155,600.75

The project includes the cured-in-place pipe (CIPP) sewer lining of approximately 5,060 LF of 8-inch diameter pipe, 661 LF of 10-inch diameter pipe, and 278 LF of 15-inch diameter pipe.

Work shall be completed no later than Sept. 25, 2015. Liquidated damages in the amount of \$300 per day will be assessed for each calendar day in excess of this schedule.

Staff will schedule a pre-construction meeting when requested by the contractor.

Some lane closures and localized congestion are expected during construction.

- **2015 10th Street Reconstruction Project** - Rathje Construction Co., \$332,298.15

The project, using LOST funding, includes the reconstruction of 10th Street from 5th Avenue to 6th Avenue consistent with the remainder of the new Central Corridor.

The project will include the reconstruction of 10th Street Project from 5th Avenue to 6th Avenue. Quantities include approximately 920 SY of 7-inch and 8-inch concrete pavement, 61 SY of concrete driveway reconstruction and associated work.

Work shall begin no later than July 20, 2015.

The contractor has used approximately 0 of 50 working days provided.

Complete closure will be required with restricted access provided to adjacent businesses.

- **2015 HMA Resurfacing Project** - L. L. Pelling Co., Inc., \$1,020,088.15

This annual program, using Miscellaneous Street Repair funding, includes the asphalt overlay of 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.

The contractor has submitted the following schedule (weather permitting):

Tuesday June 23 – Thursday July 3

- West 9th Avenue – Lindale Drive to Linnview Drive
- Brockman Avenue – 14th Street to 24th Street
- 4th Avenue – 22nd Street to 26th Street

Monday July 6 – Friday July 17

- 8th Avenue – 2nd Street to 6th Street
- Linnview Drive – Alpine Road to 14th Avenue
- 10th Avenue – 6th Street to 7th Street
- 9th Avenue – 9th Street to 10th Street
- 1st Avenue – 27th Street to 31st Street

Monday August 3 – August 14

- 7th Avenue – 31st Street to 35th Street

The contractor has used approximately 0 of 40 working days provided.

Short term closures will occur at each of the locations during milling and overlay procedures. Access to adjacent properties will be maintained for most of the work periods.

- **2015 Art in the Alley Project**

Earlier this year, Marion was awarded a \$350,000 ArtPlace America grant to bring life, vitality and art to Uptown Marion alleys. It also includes infrastructure improvements to the alleys between 10th and 11th Streets and 7th and 8th Avenues. The City will match the grant money with \$250,000 of Bond Funding for some the associated infrastructure improvements.

Project construction will include the installation of new paving surface, lighting, drainage systems, art, and aesthetic enhancements.

The Project Committee met recently to discuss opportunities to reduce the cost of the project.

Staff has received an extension of the grant through 2016 and will prepare the project for a bid letting that will provide for construction in 2016.

- **Grant Wood Trail IA 13 Underpass Project** – Vieth Construction Corporation - \$922,906.44

The project includes the construction of a box culvert crossing under Highway 151/13, approximately 1,000 feet south of Linn Aire Avenue. The project is jointly funded by Linn County Conservation, the City of Marion, and Transportation Enhancement Funds from the Corridor Metropolitan Planning Organization.

Work is specified to begin no later than July 6, 2015 and be completed within 35 working days.

Vieth Construction has again delayed the start of the Highway 13 Underpass Project until June 30th.

The highway underpass will allow the Grant Wood Trail to be connected with Marion's trail system.

The underpass will require removal of the current trail access and parking area near Highway 13.

The contractor has used approximately 0 of 35 working days provided.

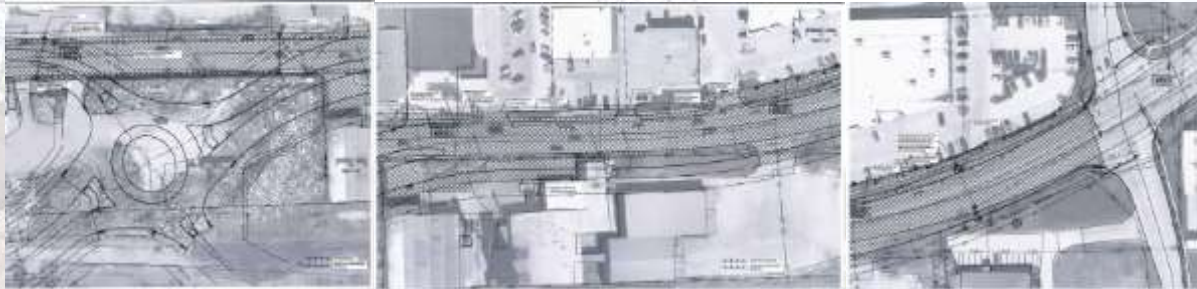
- **Central Corridor Project (13th Street to 31st Street)** - Hall and Hall Engineers, \$383,000

The now reduced project scope will include the reconstruction of the Central Corridor Project from 26th Street to 31st Street including the roundabout near the old Marion Iron Site connecting 6th Avenue to 7th Avenue.

Construction plans are completed. The developer will obtain informal bids and present them to City staff for evaluation.

Council will consider award of the contract to the recommended bidder at a future meeting.

Late start date and working days/completion date will be set and controlled by the developer.



- **Tower Terrace Road Project – Phase V** – YTT Design Solutions, \$179,000

The joint public/private project includes the extension of Tower Terrace Road east from the 10th 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 City has completed right-of-way acquisition of property east of the Linn-Mar property and west of Indian Creek.

The Linn-Mar School Board has rejected the agreement as previously proposed regarding right-of-way for Tower Terrace Road on the school's property east of 10th Street.

Project construction plans have been completed. The developer will now seek bids for the completion of the associated work.

Construction is still anticipated to begin late this summer and have limited impact to traffic.

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

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.

The City has prepared an offer with the property owner to obtain right-of-way and easements, however no response has been received. The City may need to proceed with condemnation for this highly significant project.

Anderson-Bogert Engineers and Pro Source Technologies have now been hired to provide acquisition services and construction plans for the project identifying existing and proposed profiles, horizontal alignment, utility conflicts, and storm sewers.

Staff is preparing a condemnation proposal for an attorney well versed in such. Action will begin in this direction soon.

- **Indian Creek Trunk Sewer Replacement Project** - SM Hentges & Son's, Inc., \$2,754,758.59

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.

Segment 2, Phase 1 (South of Mt Vernon Road to Rosedale Road) – completed, \$3,939,164

Segment 2, Phase 2 (Rosedale Road to Wilder Road) - completed, \$2,064,993

Segment 2, Phase 3 (Wilder Road to east of East Post Road) - \$2,754,758.59

Construction has begun and moving aggressively. City of Marion share estimated to be \$843,000.

The City of Marion has completed the development of a 28E agreement for the construction of Segments 7 and 11. These include:

- a) From 36th Street Drive (east of) to approximately 300 feet north of Iowa Highway 100, approximately 6,393 lineal feet.
- b) From confluence Indian Creek and Dry Run Creek to approximately 700 feet north of the intersection of Alpine Road and West 14th Avenue, approximately 4972 lineal feet.

Each jurisdiction will now consider approval of the 28E Agreement. This is expected to take a couple months.

- **Collins Road Improvement Project**

The project will include the reconstruction of Collins Road by the City of Cedar Rapids which will need to acquire right-of-way and easements within the jurisdiction of Marion.

On Nov. 6, 2014 City Council approved designation of the City of Cedar Rapids as Marion's real estate and acquisition agent.

Cedar Rapids has met with each of the property owners and provided the easements and the offer packages. They are targeting June to get things completed with right-of-way when staff will move towards condemnation if needed. Most of the property owners are being compensated to make parking lot changes as needed to accommodate the proposed improvements. Parking lot modifications are expected to occur this summer or fall.

Staff has been working with Mid-American, Alliant, and Mediacom to relocate into a joint trench along the north side of Collins Road. This work is anticipated to get underway in June and be completed yet this year.

Project letting is planned for this winter and work to begin spring of 2016. The project will likely require two construction seasons.

- **Tower Terrace Road Project (C Avenue to Alburnett Road) - Anderson-Bogert Engineers**

The 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.

The City of Cedar Rapids (Anderson-Bogert Engineers) continues topographic survey and data collection along the corridor.

The project is in very preliminary stages and will proceed slowly towards construction. Preliminary schedule development includes over 18 months of environmental clearances and right-of-way acquisitions.

Construction is anticipated to begin no earlier than late 2016 or early 2017.

- **2014 Miscellaneous Sidewalk Inspection Program**

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.

In 2014 staff inspected an area roughly south of Marion Boulevard/7th Avenue west of 10th Street, and south of McGowan Boulevard east of 10th Street.

Staff continues with the inspection of repaired sidewalks and has documented **97 percent** of all deficient properties (540) have repaired their sidewalks per City Code of Ordinances, Chapter 141. Of the 12 violations remaining, the City Attorney has begun legal action with notification.

In 2016 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.

- **Statewide Urban Design and Specifications (SUDAS)**

Engineering staff have begun the process for the adoption of the Statewide Urban Design and Specifications (SUDAS) with the intent is to replace the locally developed design and construction standards (Cedar Rapids Metropolitan Area Design Standards and Specifications) with standards developed, accepted, and maintained statewide in Iowa.

Staff are reviewing and documenting any substantial differences between the two manuals and preparing Special Provisions to provide for transition from the existing to the proposed.

Once an internal review of the documents has been completed a series of public meetings will be held to obtain public input.

SUBDIVISION DEVELOPMENT

Staff provides inspection for the development of all subdivisions within the city limits. This work begins with construction plan review and includes field quality control for storm and sanitary sewers, drantile, portland cement concrete maturity, grade, air content, slump (water content) and pavement thickness. Current locations are as follows:

Authors 3rd Addition - Rathje Construction, E & F Paving

Location: East side 35th Street

Punch list items remain (small miscellaneous cleanup items).

Bowman Meadows 3rd Addition - Rathje Construction, E & F Paving

Location: South of Boyson Road and west of Alburnett Road

Punch list items remain (small miscellaneous cleanup items).

Bowman Meadows Unit 36 - Rathje Construction, E & F Paving

Location: Brookfield Drive and Hawks Ridge Lane extensions south of East Robins Road

Site grading is expected to start soon.

The Commons at English Glen 3rd Addition -

Location: Extensions of English Glen Ave and Sherwood Drive NE of 29th Ave and 35th Street

Plans approved for construction.

Country Club Estates 10th Addition - Rathje Construction, City Wide

Location: Extensions of W Williams Drive and Bent Creek Drive to Irish Drive

Pavement construction preparation has begun.

Country Club Estates 11th Addition - Rathje Construction, City Wide

Location: Eastview Avenue extension to Irish Drive

Construction of sanitary sewer has been completed. Watermain construction has started.

Gemstone Estates 1st Addition - Rathje Construction, E & F Paving

Location: North of Tower Terrace Road and west of 35th Street

Punch list items remain (small miscellaneous cleanup items).

Gemstone Estates 2nd Addition - Rathje Construction, E & F Paving

Location: North of Tower Terrace Road and west of 35th Street

Site grading has started.

Hunters Field 9th Addition -

Location: Extension of Elderton Drive

Plans approved for construction.

Hunters Field 10th Addition -

Location: Extension of Foxborough

Plans approved for construction.

Nottingham Hills 8th Addition - Rathje Construction, City Wide

Location: Extension of Prescott Lane south of East Robins Road

Preparing pavement subgrade.

Prairie Hill 16th Addition -

Location: Prairie Hill Drive extension to 29th Avenue

Plans reviewed and comments back to Engineer.

Prairie Trail 1st Addition -

Location: West of Alburnett Road adjacent to Oak Park Circle

Plans re-submitted for review.

Siex 1st Addition - Rathje Construction, E & F

Location: East side of Highway 13, south of east Kacena Avenue

Plans reviewed and comments back to Engineer.

Squaw Creek Meadows 6th Addition - Rathje Construction, E & F

Location: South of Grand Avenue and west of 31st Street.

Punch list items remain (small miscellaneous cleanup items).

Squaw Creek Meadows 7th Addition - Rathje Construction, E & F

Location: Alexis Lane extension south of Grand Avenue and west of 31st Street

Mass grading has been completed.

TRAFFIC ADVISORY COMMITTEE (TAC)

As the chairman of the Traffic Advisory Committee (TAC) it is my 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 verses 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.

- **On June 18, 2015 City Council will consider a motion to receive and file and refer to TAC correspondence regarding a request for a Residential On-Street Parking Space for the Disabled (James Potter, 2580 22nd Avenue).**
- **On June 18, 2015 City Council will consider a motion to approve the following stop signs:**

Traffic volumes are growing due to residential development in the areas.

- Stop Sign stopping north bound traffic on Kinderhook Ln at its intersection with W. Williams Dr.
- Stop Sign stopping south bound traffic on Kinderhook Ln at its intersection with Saddleback Rd.
- Stop Sign stopping west bound traffic on Battle Creek Dr. at its intersection with Kinderhook Ln.
- Stop Sign stopping west bound traffic on Saddleback Rd at its intersection with Pinehurst Dr.
- Stop Sign stopping west bound traffic on Bent Creek Dr. at its intersection with Pinehurst Dr.
- Stop Sign stopping north bound traffic on Pinehurst Dr. at its intersection with W. Williams Dr.
- Stop Sign stopping south bound traffic on Shady Oak Dr. at its intersection with Eastview Dr.
- Stop Sign stopping east bound traffic on Aspen Dr. at its intersection with Eastview Dr.
- Stop Sign stopping east bound traffic on Forest Ln at its intersection with Brookfield Dr.
- Stop Sign stopping east bound traffic on Lindenbrook Ln at its intersection with Brookfield Dr.
- Stop Sign stopping east bound traffic on Crescent Oak Ln at its intersection with Brookfield Dr.
- Stop Sign stopping south bound traffic on Hawks Ridge Ln at its intersection with Brookfield Dr.
- Stop Sign stopping west bound traffic on Forest Ln at its intersection with Hawks Ridge Ln.
- Stop Sign stopping east bound traffic on Briargate Dr at its intersection with Hawks Ridge Ln
- Stop Sign stopping west bound traffic on Lindenbrook Ln at its intersection with Hawks Ridge Ln.
- Stop Sign stopping west bound traffic on Crescent Oak Ln at its intersection with Hawks Ridge Ln.

OTHER COUNCIL ACTION ITEMS

- **Discussion regarding Flood Plain Development Permit associated with Function and Fitness Business Park.**

Hall & Hall Engineers has submitted a request for a Plain Development Permit associated with Function and Fitness Business Park. Their request is consistent with City of Marion Code and Policy, however, such work can be of concern by the public

Associated information associated with the request is as follows:

“This letter is to provide additional information to be used with the Flood Plain Development Permit Application submitted June 1, 2015 for importing and placing fill within the floodway fringe south of the proposed Winslow Road location and north of proposed Tower Terrace Road. This area is located just west of the existing Winslow Road Bridge north of the Indian Creek/Winslow Road intersection.

The purpose for filling the floodway fringe in this area is to prepare the site for a future Function and Fitness building. As described in the attached FEMA documentation, since we will not be encroaching into the actual floodway and just placing fill in the floodway fringe the largest increase to the base flood elevation would be less than 0.7 feet for this area. The area to receive

the fill is located between Indian Creek Cross Sections AL and AM (see attached FIRM). FEMA's Indian Creek Floodway Data (see attached Table 5) shows that the north area of this site which is adjacent to Cross Section AM will have a 0.0 foot increase if the entire floodway fringe was filled in due to the existing Winslow Bridge just upstream of this site. The floodway data table also shows that the downstream Cross Section AL, which would be south of proposed Winslow Road would have a 0.70 foot increase in the 100 year elevation if the entire floodway fringe was filled in at that location. This project will fill in a portion of the west floodway fringe between the two cross sections described above, which will result in an increase to the base flood elevation to be sustainably less than 0.70 feet shown for Cross Section AL since this project is located closer to Cross Section AM and only the west portion of the Floodway Fringe is to be filled in.

The existing base (100-yr) flood elevations adjacent to this site range from 796 to 800, the existing homes east of Indian Creek in this area are at elevations 803 to 816. The proposed Function and Fitness building will have a finish floor elevation of 801.00 which is 3.0 feet higher than the 100-yr flood elevation at that location; this exceeds the minimum requirement of 1.0 foot above the 100-yr flood elevation.

No other permits will be required as no floodways or wetlands will be disturbed during fill placement. See the attached National Wetland Inventory Map and Grading plan with wetland map shown.

There may be a small increase in the 100-yr flood elevation but will be well within the FEMA's allowable increase and substantially below the existing home elevations in the area."



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.

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