



**AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION**

DATE: August 29, 2025

AGENDA ITEM: Engineer's Report

ACTION: None

ATTACHMENTS: Engineer's Report

City of Tiffin, IA

CLIENT LIAISON:

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DATE:

August 28, 2025



ON-GOING PROJECTS

REVERSE OSMOSIS WATER TREATMENT PLANT DESIGN – CLINT WIENEN

The fill placement was completed to preload the site and Terracon gave their approval to commence with the building/structure construction on August 18th. The alternate trail route has also been paved. Construction is expected to pick back up after Labor Day.

HIGHWAY 6 CONCEPT AND COST ESTIMATE – JAMES WATTERS

Coordination with franchise utilities in the right-of-way remains ongoing. MSA is still pursuing responses from utility coordinators who missed the June 16th due date for Preliminary work plans.

Work with the DOT Right-of-Way staff has been ongoing regarding the fit of the design within existing right-of-way. Several small adjustments have been made to ditch slopes and sidewalk near the “Hawk Wash” property on the southeast corner of US6 and Croell Avenue.

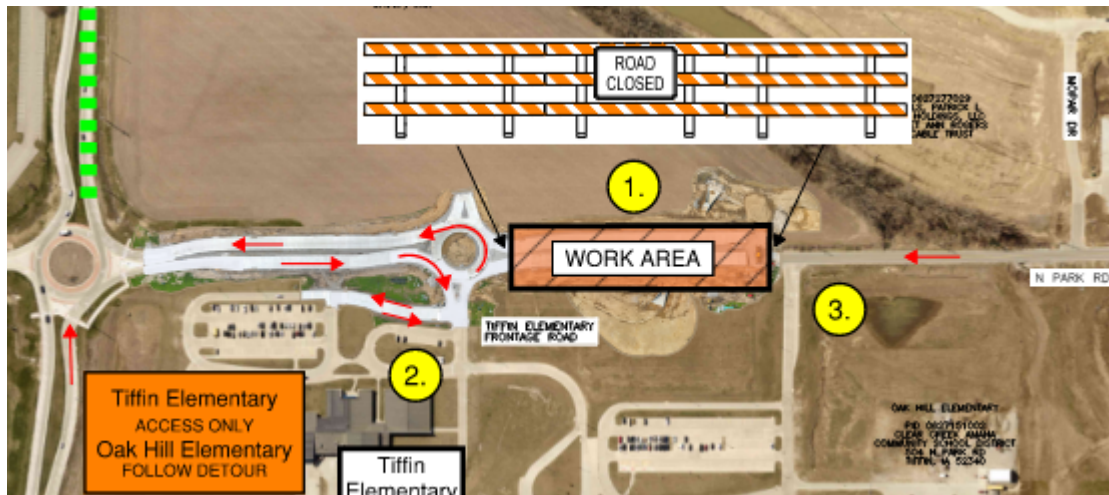
MSA is preparing an operations analysis for the Croell Ave and Kimberlite St intersections with US 6 (Marengo Rd) after receiving feedback on crash history of the Croell Ave intersection during public engagement period. Turning movement counts were collected at these intersections during the second week of August and a report of findings and recommendations is expected to be ready in September.

SYSTEMWIDE SANITARY SEWER MODEL – ERIC THOMPSON

Flow meters in the sanitary system have been collecting data throughout the summer. One meter was moved to a new location in a larger pipe further downstream. The prior meter was not recording adequate sanitary flows to support calibration. Currently, MSA is waiting for more dry weather flow days, as it has been a rainy summer. Once adequate dry weather days are recorded (spanning Sunday – Saturday), MSA will remove the flow meters and begin calibration of the sanitary system model in PCSWMM.

NORTH PARK ROAD IMPROVEMENTS – JAMES WATTERS

As of August 25th, 2025, the south section of North Park Road including the new roundabout at the Tiffin/Oak Hill Elementary School bus loop is open to traffic. Some work in this section is still being completed but is expected to be finished by the end of the month.



The section of roadway between the roundabout and the main entrance of Oak Hill Elementary will remain closed until all construction activities are completed. Remaining tasks include median pavement, sign installation, pavement markings, roadway lighting installation, and seeding work. Once these items are finished, Boomerang construction personnel are expected to leave the site. The reopening of this portion of the road is anticipated between mid-September and mid-October 2025. Following the conclusion of the 2025 construction season, North Park Road is expected to be open to two-way traffic for the remainder of the year until construction resumes in the Spring of 2026.

The majority of sidewalk/trail and the pedestrian underpass will not be available for public use following the opening of North Park Road for this fall. Much of the sidewalk/trail is not yet constructed or does not connect with other proposed or existing facilities.

An on-site safety meeting was held on August 8th to discuss conditions required for opening of the road to the public as well as site safety and security concerns. Representatives from the City of Tiffin, MSA, CCACSD, the Johnson County Sheriff's Office, and Boomerang were present.

The following week on August 14th, CCACSD staff were briefed on traffic control expected to be in place for the "Back to School" events and for the start of classes.

VILLAGE DRIVE & ROBERTS FERRY ROAD SIGNAL DESIGN – CHAD WAGNER

Traffic counts at this intersection are being scheduled along with survey. A kickoff meeting will be scheduled with City staff to discuss project once traffic counts are collected.

PARK PLACE EAST OF NORTH PARK ROAD DRAINAGE STUDY

Existing conditions modeling has been completed and preliminary results sent to the City and Bishop on August 22. Results indicate that the Pinseekers Pond, with the approved outlet, should be held to a 100-yr outflow of 79.13 cfs. The Homemakers Pond should be held to a 100-yr outflow of 397.60 cfs (as per its agreement with the City based on the 2017 report) plus 60.95 cfs for the School Pond once they are combined, for a total outflow of 458.55 cfs. In existing conditions, the Homemakers Pond is outletting 258.59 cfs due to the current outlet structure configuration.

Next steps include looking at upsizing the Pinseekers Pond to maximize storage and minimize outflow to the Homemakers Pond and assessing a reroute of flows from N Park Road to the regional detention basins to the west on Oakdale Blvd. MSA will continue to give preliminary results as each of the options are evaluated. Once the analysis is complete, a report will be drafted which details the process and results of each alternative.

DEVELOPMENT ASSISTANCE – ANDREW INHELDER

NO FURTHER COMMENTS

Development Name	Description
Park Place City Center, Lot 8	No further comments sent on 5/15/24.
Tiffin Heights West On & Off-Site Improvements	No further comments sent on 10/16/24.
Shamrock Center Lot 9	No further comments sent on 12/16/24.
Park Place City Center, Part 1, Lot 3	No further comments sent on 1/29/25.
Hunt Club Phase 4	No further comments sent on 4/9/25.
Tiffin West – Kwik Star	No further comments sent on 4/16/25.
Veritas Church Expansion – Phase 2	No further comments sent on 5/15/25
Park Place City Center, Part 4, Phase 4, Lot 22 – Firing Pin	No further comments sent on 6/24/25.
Prairie Village Part 3, Phase 4	No further comments sent on 7/11/25.
301 Main Street Site Plan	No further comments sent on 8/8/25.

UNDER CONSTRUCTION

Development Name	Description
Tiffin Heights West ON Site	Currently under construction.
Tiffin West ON & OFF Site	Walkthrough performed on 5/28/25. Punch list provided to developer to be completed in 2025.
Tiffin West Phase 2	Currently under construction. Construction began in August 2025.
Village Drive Extension (By water tower)	Currently under construction. Construction began in May 2025.
The States – Anderson Addition OPD	Currently under construction. Construction began May 2025.

AWAITING RESUBMISSION

Development Name	Description
Prairie Village Commercial Part 1, Lot 2	Review comments sent 7/25/23. Awaiting resubmission.
Kimberlite North of Hwy 6 Connection	City, Developer, MSA, and DOT met on 8/22/24 to discuss steps moving forward. Developer to submit proposed improvements for review.
Prairie West	Review comments sent 11/13/24. Awaiting resubmission.
Park Place City Center, Part 3, Lot 1, EMA Storage Building	Review comments sent 2/24/25. Awaiting resubmission.
Prairie Village Lot 55 – Medical Clinic	Review comments sent on 8/19/25. Awaiting resubmission.
Homemaker's Site Plan – Phase 2	Review comments sent on 8/19/25. Awaiting resubmission.
Park Place City Center, Part 2, Phase 6, Lot 33 – Multipurpose Building	Review comments sent on 8/26/25. Awaiting resubmission.
Homemaker's Site Plan – Phase 1	Review comments sent on 8/27/25. Awaiting resubmission.
Bailey Way Extension	Review comments sent on 7/2/25. Awaiting resubmission.

IN REVIEW

Development Name	Description
Grove Park	Submitted on 8/15/25. In review currently.

PROJECT UPDATE

City of Tiffin
August 28, 2025

Upcoming Infrastructure Project	Description	Next Steps/Schedule
<i>Wastewater Treatment Improvements</i>	The current wastewater treatment facility (WWTF) has a chloride compliance schedule. There is not any wastewater treatment equipment/processes designed to remove chloride so typically source control is the only economical means of meeting compliance. The existing treatment facility is at about 50% capacity. However, if the past growth rate continues an expansion will be required in the next 5-7 years. From design to construction the process typically takes 3-4 years.	Final Compliance with NPDES Permit required October 1, 2025. MSA presented its findings on November 1st, 2022. MSA has prepared a proposed schedule for wastewater treatment, water treatment and water supply improvement projects.
<i>Deer View Ave & Tall Grass Ave & Hwy 6 Intersection Improvements</i>	DOT has agreed to continue the existing permit based on the City's plan to replace the signals with a permanent installation in 2026. Scope includes both pedestrian and vehicle accommodations. MSA is reaching out to the DOT to request a time extension and will begin conceptually reviewing the signals and intersection for DOT approval.	Begin conceptual review of intersection/signals.