



**AGENDA INFORMATION  
TIFFIN CITY COUNCIL COMMUNICATION**

**DATE:** July 31, 2025

**AGENDA ITEM:** Engineer's Report

**ACTION:** None

**ATTACHMENTS:** Engineer's Report

## City of Tiffin, IA

### CLIENT LIAISON:

Andrew Inhelder, PE  
 Office: 319.364.4773  
 Cell: 515.802.0906  
[ainhelder@msa-ps.com](mailto:ainhelder@msa-ps.com)

### DATE:

July 31, 2025



## ON-GOING PROJECTS

### REVERSE OSMOSIS WATER TREATMENT PLANT DESIGN – CLINT WIENEN

The mass fill has been completed and MSA continues to monitor the settlement plates. TriCon cannot proceed with construction until it is determined that the settlement is at an acceptable level. The alternate trail has been paved as well.

### HIGHWAY 6 CONCEPT AND COST ESTIMATE – JAMES WATTERS

Coordination with franchise utilities in the right-of-way remains ongoing. MSA continues to pursue responses from utility coordinators who missed the June 16<sup>th</sup> due date for Preliminary work plans. MSA is also working on a set of environmental documents for the DOT and gathering information to perform an operational analysis for the intersection of Croell Avenue and US Highway 6.

### SYSTEMWIDE SANITARY SEWER MODEL – ERIC THOMPSON

Flow meters continue to collect data in select locations within the sanitary sewer. One meter was removed and recalibrated after seeing variability in flows during non-rain events, suggesting debris/calibration issues. GIS data continues to be updated with missing invert information. Next steps will be importing the GIS data into PCSWMM to start model development. Land use classification and sewersheds are also ready to incorporate into the model.

### NORTH PARK ROAD IMPROVEMENTS – JAMES WATTERS

Machine paving on the roundabout, roundabout legs, the Frontage Road, and the main line south of the roundabout has been completed. Hand pours for a number of fillet and intersection areas are in progress. With the pedestrian underpass covered, and the end sections have been poured, the next portion of the road to be paved is the section from the roundabout to the Oak Hill entrance.

Both school sites remain accessible only from the north via the Oak Hill entrance. It is currently anticipated that when school resumes in August, access by car and bus to Tiffin Elementary will be open from both directions for each school. It is not yet known if both lanes will be open to traffic by the time school resumes. Temporary pavement will be placed to transition vehicles from existing pavement to new pavement near the Oak Hill entrance.

Remaining work for Stage 1 and 2 areas such as sidewalk/trail, median, roadway lighting, etc., is anticipated to be completed in the fall.

## PROJECT UPDATE

### DEVELOPMENT ASSISTANCE – ANDREW INHELDER

#### NO FURTHER COMMENTS

| Development Name                                             | Description                           |
|--------------------------------------------------------------|---------------------------------------|
| 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.   |
| 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.  |
| Tiffin West Phase 2                                          | No further comments sent on 7/17/25.  |

#### UNDER CONSTRUCTION

| Development Name                         | Description                                                                                      |
|------------------------------------------|--------------------------------------------------------------------------------------------------|
| Tiffin Heights West OFF Site             | All offsite infrastructure is installed and has passed testing.                                  |
| Tiffin Heights West ON Site              | Sanitary sewer is complete and is being tested. Currently working on water main and storm sewer. |
| Tiffin West Phase 1 ON & OFF Site        | Walkthrough performed on 5/28/25. Punch list provided to developer to be completed in 2025.      |
| Tiffin West Phase 2                      | Construction has begun extending Village Dr & utilities to west.                                 |
| Village Drive Extension (By water tower) | Utilities and roadway grading is under construction. Construction began 5/22/25.                 |
| The States – Anderson Addition OPD       | Utilities are currently under construction. Construction began 5/29/25.                          |
| Tiffin West – Kwik Star                  | Construction anticipated to start 8/4/25.                                                        |

#### 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.                                                                                |
| Grove Park                                                  | Review comments sent 6/5/25. Awaiting resubmission.                                                                                 |
| 301 Main Street Site Plan                                   | Review comments sent 6/24/25. Awaiting resubmission.                                                                                |
| Bailey Way Extension                                        | Review comments sent 7/2/25. Awaiting resubmission.                                                                                 |
| Homemaker's Site Plan – Phase 1                             | Review comments sent 7/17/25. Awaiting resubmission.                                                                                |

#### IN REVIEW

| Development Name | Description |
|------------------|-------------|
|                  |             |

## PROJECT UPDATE

City of Tiffin  
July 31, 2025

| Upcoming Infrastructure Project                                                 | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Next Steps/Schedule                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Wastewater Treatment Improvements</i>                                        | <p>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. <b>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.</b></p> <p><b>From design to construction the process typically takes 3-4 years.</b></p> | <p><b>Final Compliance with NPDES Permit required October 1, 2025.</b></p> <p><b>MSA presented its findings on November 1st, 2022. MSA has prepared a proposed schedule for wastewater treatment, water treatment and water supply improvement projects.</b></p> |
| <i>Deer View Ave &amp; Tall Grass Ave &amp; Hwy 6 Intersection Improvements</i> | <p>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.</p>                                                                                                                                                             | <p><b>Begin conceptual review of intersection/signals.</b></p>                                                                                                                                                                                                   |
| <i>Roberts Ferry Road &amp; Village Drive Signal</i>                            | <p>MSA is preparing an agreement for the design and bid of a signal at the Roberts Ferry Road &amp; Village Drive Intersection</p>                                                                                                                                                                                                                                                                                                                                                                                  | <p><b>MSA to provide agreement to begin design.</b></p>                                                                                                                                                                                                          |