



CITY ENGINEER'S AGENDA
City of Mapleton Council Meeting
Tuesday, April 12, 2022 at 6:00 pm

- 1.0 Ground Storage Water Reservoir; District No. 2019-1**
 - 1.1 GPS equipment
 - 1.1.1 Completed GPS equipment demo on 3/1
 - 1.1.2 GPS equipment quote
 - 1.1.3 ArcGIS Online Subscription - \$500/year (~\$42/month)
 - 1.1.4 VRS Subscription - \$1,650/year (\$138/month)
 - 1.1.5 Tablet with mobile LTE mobile connection
 - 1.1.5.1 Can be used for multiple purposes with LTE, such as InSight and Web Map service.
 - 1.2 Final State Water Commission Cost-Share Request
 - 1.3 Moore Invoice 29546 - \$502.50
 - 1.4 Engineering Amendment No. 5 – GIS Mapping
 - 1.4.1 GIS Webmap and Mapping updates completed over last 2 years
 - 1.4.2 About \$100k remaining in budget after amendment

- 2.0 Wastewater Treatment Expansion**
 - 2.1 Funding Update
 - 2.1.1 Waiting for potential USACE Section 594 funding (75% cost-share) for 2023
 - 2.2 Force Main Easements Update
 - 2.3 Diversion Crossing
 - 2.3.1 Working with Diversion Authority on transfer of design
 - 2.4 Moore Invoice 29563 - \$2,583.75
 - 2.5 Moore Invoice 29564 - \$2,012.50
 - 2.6 Accounts Receivables – \$214,851.19 (see attached list)
 - 2.6.1 Discuss payment plan

- 3.0 6th Avenue SW; District No. 2020-1**
 - 3.1 Project Update
 - 3.1.1 Downtown District Zone Update – TIF Questions
 - 3.2 Moore Invoice 29548 - \$2,692.32

- 4.0 County Highway 11 Shared Use Path; District No. 2021-2**
 - 4.1 Project Update
 - 4.2 Moore Invoice 29549 - \$8,317.50

- 5.0 Citywide Street Improvements; District No. 2022-2**
 - 5.1 Project Update
 - 5.2 Revised Engineer's Report
 - 5.3 Sunset Drive Pedestrian Safety Improvements
 - 5.3.1 Additional striping
 - 5.4 Engineering Amendment No. 2 - Construction Engineering Services and Ped Safety
 - 5.5 Moore Invoice 29567 - \$15,858.09
 - 5.6 TC2 Invoice 22-017 - \$4,500.00

- 6.0 Mapleton I-94 Development Park; 5th Ave SW; District No. 2022-3**
 - 6.1 Project Update

- 7.0 Maple Pointe Street Improvements; District No. 2022-1**
 - 7.1 Schedule Public Works Committee this summer

- 8.0 Ashmoor Glen 4th Addition; District No. 2021-1**
 - 8.1 Project Update
 - 8.2 Moore Invoice 29566 - \$2,131.25

- 9.0 Levee Recertification; District No. 2012-1**
 - 9.1 Draft Final Cass County Flood Sales Tax Funding Request for Cost-Share
 - 9.2 Moore Invoice 29568 - \$54,247.50
 - 9.2.1 Invoice 29568 includes 314 labor hours spanning from 11/27/2019 to 1/24/2022 (>2 years) responding to FEMA questions and requests to update data.
 - 9.2.2 \$26,364.70 covered by Cass County cost-share (\$27,882.80 local)
 - 9.2.3 Local share currently at \$851,307.64 (with above invoice). Budget is \$935,000 (bonded and special assessed). \$83,692.36 remaining in project budget.
 - 9.3 Recommend flap gates for remaining two storm sewer outlets into Maple River

- 10.0 Original Townsite and Maplewood Addition - Sewer, Water and Street Improvements**
 - 10.1 Study Update
 - 10.2 Moore Invoice 29547 - \$6,013.75

- 11.0 Levee Improvements – Golf Cart Path Repairs**
 - 11.1 Study Update
 - 11.2 Moore Invoice 29551 - \$2,897.50

- 12.0 General City Engineer**
 - 12.1 System Operations & Maintenance (O&M) Manuals
 - 12.1.1 Water System - COMPLETE
 - 12.1.2 Sanitary Sewer System
 - 12.1.3 Storm Sewer & Drainage System
 - 12.2 Emergency Plan of Operations
 - 12.2.1 Add Flood Protection Tasks to web map and link document