



City Council Workshop Report Friday, January 31, 2020 Engineering Department

Prepared by: Ron Rosenthal, Jay Owens

The Engineering Department consisted of seven full-time employees in 2019: Ron Rosenthal - engineering director; Jay Owens - city engineer; Open Position – staff engineer; Mark Milkanin, Jared Strusz, Ted Florine – engineering technicians; Ryan Illa – CAD technician

Accomplishments in 2019:

- 1) Grants, Plans, Reports, Policies, Studies, Ordinances, etc. involved with in 2017
 - 2020 Trail connection from pedestrian bridge to Levee Road trail – Received \$150,000 grant from the MnDNR.
 - 2021 Riverfront Trail (Barn Bluff to Colvill) – Received \$250,000 grant from the MnDNR.
 - 2023 E. 7th Street Reconstruction – Received \$925,000 in federal highway funds.
 - The Engineering Department manages the Municipal State Aid Street system and financial needs, with annual allotment for 2019 of \$1,013,752 (\$354,813 – maintenance; \$658,939 – construction) from the state gas tax, motor vehicle sales tax & license tab fees.
 - 5 year street reconstruction plan updates.
 - Right-of-Way permitting and monitoring for private utility installations (Xcel, HBC, etc.).
 - Implemented the Transportation Plan as part of the RW 2040 Plan.

- 2) Completed various stages of plan review, design and construction on the following projects.
 - 2017 roundabout project @ Pioneer Rd & Twin Bluff Rd – Plant warranty work remains.
 - 2017 - 2020 TH 63 River Crossing Bridge Replacement – Member of project management team. Completed construction on 3rd year of 4 year project.
 - 2018 street reclamation, mill & overlay project – Closed out.
 - 2018 street reconstruction (McSorley, Bush, South Park, 9th, 10th & 11th Streets) – Completed, but not closed out.
 - 2018 Spring Creek Rd/TH 61 intersection realignment – Completed, but not closed out.
 - 2018 3rd & Bush Street intersection reconstruction – Closed out.
 - 2019 Levee Wall Dockage & Park Improve. – Constructed majority of project.
 - 2019 State Aid mill, overlay, & ADA improvements - Constructed majority of project.
 - 2019 street reconstruction (Sanford, Kingman, & Grace Streets) - Completed, but not closed out.
 - 2019 TH 58/Pioneer Road signal modifications (added left turn flashing arrow & ADA) – Completed and closed out.
 - 2020 Old West Main St. Pedestrian Bridge over CP Rail – Determined alignment, acquired ROW, started final design.
 - 2021 Old West Main Street Reconstruction – Started final design.
 - 2021 Riverfront Trail (Barn Bluff to Colvill) – ROW acquisition agreement with CP, preliminary design, & continue applying for funds.

- Sturgeon Lake Road Overpass – Completed Memorandum of Agreement for ROW with PIIC, applied for federal BUILD grant (unsuccessful).
 - 2021 MnDOT TH 61 Crossover Barrier Project.
- 3) Worked with the Public Works Dept. and Planning Dept. with surveys, neighborhood meetings, public hearings, design, staking, inspections, as-builts, & assessment calculations for construction and planning of the following projects.
- Pottery Pond Phase 2 Improvements
 - Ash Landfill – annual survey and volume calculations.
 - Alley (between. 3rd & 4th, from Dakota to Fulton Streets) - Construction completed.
 - Alley (between. 3rd & 4th, from Fulton to Franklin Streets) - Construction completed.
 - 2019 City Street Striping – Measurements, layout, and inspection.
 - Ignite Building sewer separation.
 - Performed storm water pond surveys to comply with city wide storm water permit.
 - Sunnyside School playground surveying & staking.
 - East end street light upgrades.
 - Friedrich building & property sale.
 - Storm sewer extension into Pine Valley Park
- 4) Conducted storm runoff, alignment, site, and grading plan reviews for the following projects:
- Xcel Energy gas main replacement in the downtown business area
 - Tile Drive Storage – site plan
 - Park Place Apartments – site plan revisions
 - Anytime Fitness – site plan
 - Red Wing Golf Course – site plan
 - City PW Facility on Bluff St – site plan
 - 3M Proposed Expansion
 - United Lutheran Church – site plan
 - Larry Kull Industrial Subdivision – site plan
 - Moundview Drive Storage Units – site plan
 - Amory Parking Lot – site plan
- 5) Engineering Staff (along with Public Works, Planning, Police & Fire) worked on the following sign and parking requests for approval/denial by Council in 2019:
- 3rd & Plum Street parking stall requests (handicapped, short term, removal, diagonal).
 - 4th & Bush Street parking stall request at Associated Bank.
 - E. 4th & Sanderson Street all-way stop request.
 - E. 7th & Bluff Street all-way stop request.
 - E. 6th & Hodgeman Street request for no parking signs near intersection.
 - Hewitt Boulevard no parking request.
 - Pine Ridge Boulevard parking request.
 - Old West Main Street – 15 minute parking stall request.
 - Request for School Speed Zones.
 - Sumac Drive request for parking restrictions.
 - Woodland Drive speeding complaint.
 - Boxrud Street request to change parking from one side of the street to the other.
 - Sala Way street vacation request.