



## **City Council Workshop Report Friday, January 22, 2016 Engineering Department**

Prepared by: Ron Rosenthal, Jay Owens

The Engineering Department consisted of seven full-time employees in 2015:  
Ron Rosenthal - engineering director; Jay Owens - city engineer; Alan Holm - project coordinator;  
Mark Milkanin, Kevin Riegelman, Jared Strusz – engineering technicians; Ryan Illa – CAD technician

### **Accomplishments in 2015:**

- 1) Grants, Plans, Reports, Policies, Studies, Ordinances, etc. involved with in 2015
  - 5 year street reconstruction plan
  - Spring Creek Road/TH 61 Intersection Realignment grant (\$500,000 federal aid). Previously received \$1,273,832 federal aid.
  - Right-of-Way permitting and monitoring for HBC fiber optic and Xcel utility installations city wide.
  - Assisted Cannon Valley Trail with erosion issues.
  - The engineering department manages the Municipal State Aid Street system and financial needs, with annual allotment for 2015 of \$929,665 (\$325,383 – maintenance; \$604,282 – construction) from the state gas tax, motor vehicle sales tax & license tab fees.
  - Served on Mayor's sidewalk task force.
  - Red Wing Grain trail easement agreement for the Riverfront Trail.
  
- 2) Completed various stages of plan review, design and construction related to the following projects.
  - East 5<sup>th</sup> Street storm sewer lift station – Completed construction
  - Sturgeon Lake Road Overpass – Completed final design. Project on hold for funding.
  - 2015 City funded bituminous street mill, overlay, and reclamation project – Completed.
  - 2014 West Avenue Reconstruction Project – Finished striping, turf establishment, and final clean-up in 2015. The project was audited by MnDOT in 2015 also.
  - 2015 MnDOT TH 61 mill & overlay – Assisted MnDOT with construction.
  - 2015/2016 TH 61/Main Street Reconstruction Project – Completed Phase 1 construction.
  - 2015/2016 Levee Road Reconstruction Project – Began construction in fall 2015, with completion scheduled for October 2016.
  - 2017 - 2020 TH 63 River Crossing Bridge Replacement – Member of project management team. Completed preliminary design and began final design.
  - 2016 Street Reconstruction (13<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup>, So. Park, and Central Park Street) – Surveyed and completed majority of design.
  
- 3) Worked with the Public Services Dept. with surveys, neighborhood meetings, public hearings, design, staking, inspections, as-builts, & assessment calculations for construction of the following projects.
  - Alley (between 4<sup>th</sup> St. & 5<sup>th</sup> St., from Bush St. westerly) – Survey, design, and reconstruction.
  - Alley (between 4<sup>th</sup> St. & 5<sup>th</sup> St., from Dakota St. to West Ave.) – Survey & design. Reconst. In 2016.
  - Alley (between 5<sup>th</sup> St. & 6<sup>th</sup> St., from Plum St. to Potter St.) – Survey, design, and reconstruction.
  - Gravel to Pavement construction of West 3<sup>rd</sup> Street & Cleveland Street.
  - Ash Landfill – annual survey and volume calculations.

- 2015 City Street Striping – Measurements, estimate, price quotes, layout, and inspection.
  - Performed storm water pond surveys to comply with city wide storm water permit.
  - Aspen Avenue storm sewer extension – Completed.
  - Golf Ridge Circle sewer service replacements completed.
  - Robert Street Extension (Motel Ave to Fern Ave) – Completed construction.
  - Installed LED Driver Feedback signs on TH 61 (by Burnside Cemetery), East 7<sup>th</sup> St, & Pioneer Road.
  - Pollinator Park – Purchased Taco John's, demolished bldg, repaired Lawrence bldg, const. storm sewer/water service, & graded/planted most of park. Final planting, irrigation, statue, conc. in 2016.
  - Moved all Engineering staff into one common office area in 2015. Tremendous help with work flow.
- 4) Conducted alignment plan, site plan, grading plan and storm runoff reviews for the following projects.
- Red Wing Golf Course grading.
  - Solar Garden project.
  - Rhino Lining's expansion.
  - Goodhue County Health & Human Services building.
  - Wadrickas lot combination.
  - Transient docking layout.
  - Goudy/Gustafson grading project.
  - Xcel Nuclear Power Plant – One Flex building.
  - Lindstrom sewer service relocation.
  - Charlson sewer service relocation and easements defined.
  - Flueger Court replat.
  - Xcel Energy east end transmission lines relocate.
- 5) Engineering Staff (along with Public Works, Planning, Police & Fire) worked on the following sign requests for approval/denial by Council in 2015:
- 3<sup>rd</sup> & Bush Street Intersection – Handicapped stall request.
  - 3<sup>rd</sup> Street – Mid-block crosswalk between Bush St. & East Ave. – Request by Live Healthy Red Wing (LHRW) to mark crossing differently.
  - 4<sup>th</sup> Street near East Avenue – Handicapped stall request.
  - 5<sup>th</sup> Street – Request by HRA to remove parking stall.
  - 6<sup>th</sup> Street – Speed study near Seminary Home.
  - 2-way Alley traffic requests behind Dairy Queen & Randy's restaurants
  - Aspen Avenue – Request by LHRW for striping modifications at Learning Lane intersection.
  - Broad Street – Request by the YMCA for 2 additional 15 minute stalls.
  - Burnside Elementary School – Request for stop sign on Emmett Avenue.
  - Bush Street – Request by Ignite building for parking modifications.
  - East 7<sup>th</sup> Street – Centerline striping and added caution signs at curve in the 500 block.
  - Oak Street – Request for parking restriction.
  - Old West Main Street – Request for 15 minute parking stall (more parking issues in 2016).
  - Pioneer Road & Twin Bluff Road intersection – Stop sign relocation.
  - Southwood Avenue & Foursome Street intersection – Request for a 4-way stop.
  - Stuebaker Ramp – Reassign 3 parking stalls from 9 hour to 1 hour parking limits.
  - Request for Taxi Cab Stands on Plum Street and Old West Main Street.