



**ENGINEERING DEPARTMENT**  
**444 West Grand Avenue**  
**Wisconsin Rapids, WI 54495-2780**  
Engineering (715) 421-8205 FAX (715) 421-8291

## **ENGINEERING DEPARTMENT Monthly Activity Report**

July 2024

### Permits & Degradation

- 26 Permits/Licenses (21 last month) for asphalt paving (3), driveway grades/concrete pour inspections (8), storm water (0), excavating (9), Street Privilege (1), storm connection (1), permit parking (0), banner (0), environmental testing well (0), contractor licenses (4)
  - 2024 – 162 permits & licenses to date
  - 2023 – 278 permits & licenses
- 181 Diggers Locates for Storm Sewer & Sanitary Sewer (252 last month)
  - 3 Emergency locates (1 outside of normal business hours)
- Degradation fees this month = \$6,362.05
  - This year = \$44,318.20

### Traffic

- Stop Sign / Yield Sign Requests / Speed Studies – 7/31 request from Alderperson Palmquist to study the intersection of 15<sup>th</sup> Pl S and Rosewood Ave.
- Traffic Study
- Vision Issues – Vision complaint was submitted in July and is being followed up on at the intersection of 8<sup>th</sup> St and Pepper Ave.
- ITS Standalone Signal Grant
  - 2023 Project @ Expy and W Grand Ave started on September 25<sup>th</sup>. Reimbursement Request was made to the DOT and received. Contractor paved the islands that were disturbed with the new pole bases the week of 7/22. One punch list item remains and that is the replacement of existing blank out signs to LED signage to reduce voltage load on the cabinet.
  - 2024 Project @ Expy and High St and Expy and Chase St – (bid opening 4/4/24) – contracts are signed. Waiting to schedule preconstruction meeting and obtain a construction schedule.
- Signal complaints – N/A

### Project Designs/Construction underway:

#### 2024 Projects

- Contracts – concrete pavement maintenance on STH 13/34 is complete.
- Design
  - 9<sup>th</sup> St S (Peach St to Chestnut St) – 100%
  - Lincoln St (Expressway to Peach St) – 100%
  - Wylie St (8<sup>th</sup> St N to 12<sup>th</sup> St N) – 100%



- Sewer Manhole Connecting to Rudolph's Force Main – 100%
- Dixon Parking Lot – 99%.
- Mead Field Pickleball Courts – 100% (Preconstruction meeting was held in July and construction is expected to begin week of August 12<sup>th</sup>.)
- Library alternative ADA entrance – design complete and working with contractor to schedule activity.
- Construction Activity – see Public Works' monthly report.
- Future Projects
  - Preliminary Survey for future projects
    - 14<sup>th</sup> Ave N (W Grand Ave to Fremont St) – 100%
    - McKinley St (8<sup>th</sup> Ave to 14<sup>th</sup> Ave) – 100%
    - E Jackson St (Jackson St Bridge to E Grand Ave) – 100%
    - Harrison St (9<sup>th</sup> Ave N to 7<sup>th</sup> Ave N) – 100%
    - 13<sup>th</sup> Ave (W Grand Ave to north end) – 0% (late summer)
    - Plover St (1<sup>st</sup> St N to Apricot St) – 8% (full survey pick-up scheduled for 8/5)
    - 2<sup>nd</sup> St N (Spring St to Pleasant View Drive) – 3% (late summer/fall)
  - Design for future Projects
    - 14<sup>th</sup> Ave N (W Grand Ave to Fremont St) – 60%
    - McKinley St (8<sup>th</sup> Ave N to 14<sup>th</sup> Ave N) – 50%
    - E Jackson St – 40%
    - Harrison Ave – 60%
    - Veterans and Mead Rapids View Park Riverwall Rehabilitation Project – design is complete and permitting efforts are underway. We are working with contractors on means & methods as well as the DNR on permitting requirements.

### Projects Involving Grants

- 8<sup>th</sup> St S and Wood Ave - Highway safety Improvement Grant (HSIP).
  - Design has started with construction proposed in 2025.
- DOT awarded the City's application for Local Road Improvement Funding for Lincoln St through the MSIS program. Eligible projects costs are \$468,000 and the grant dollars are \$234,000.
- Flashing Yellow Arrow Signal Modification Project as applied for at Expressway & Plover Rd and Plover Rd and Washington St in April through the DOT's SISP Grant Program.
- Connecting Highway (DOT)
  - 8<sup>th</sup> St S – Lakewood Ln to Whitrock Ave – proposed DOT project in 2028 (2026 advanceable).
  - 8<sup>th</sup> St S – Whitrock Ave to Expressway – proposed DOT project >2030.
- Rail Notification – Predictive Mobility Project
  - Project funding has been authorized so this project can resume. Next steps are completion and submission of environmental and procurement documentation.



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- Federal Rail Crossing Elimination Grant – grant opportunity would be best fitted for the grade separation project at W Grand Ave and Expressway. A referral was submitted to Finance (August mtg) to consider the grant and grant assistance from Ayres & Associates.

Transportation Utility – n/a

Storm Water Utility – n/a

- One Mile Cr.
  - Project Update letters were sent out May 1<sup>st</sup>, 2024 to adjacent property owners notifying them of the status of the project. New letters will be mailed out in August as the project has now received approval for both permits. If the project is scheduled for winter of 24/25 the water level will need to be drawn down in August per permit conditions.
  - Dredging Permit – This permit has been granted.
  - Dam Permit – This permit was granted on 7/23/24

Other Highlights

- Rainfall and storm water concerns. Information is now available on the City’s website (engineering->storm water)
  - <https://climatology.nelson.wisc.edu/may-and-spring-2024-climate-summary/>
  - [www.wirapids.org/uploads/1/0/3/3/103347874/storm\\_water\\_and\\_groundwater\\_baseament\\_drainage\\_causes\\_and\\_solutions.pdf](http://www.wirapids.org/uploads/1/0/3/3/103347874/storm_water_and_groundwater_baseament_drainage_causes_and_solutions.pdf)
- 32<sup>nd</sup> St railroad crossing near Kingston Road - Office of the Commissioner of Railroads (OCR)
  - A Final Decision was sent to the City on March 12<sup>th</sup>, 2024 with the following order:
    - City of Wisconsin Rapids, in consultation with the Village of Biron and Wisconsin Central Limited, shall file a petition for alteration for the 32<sup>nd</sup> St crossing by April 29<sup>th</sup>, 2024. (Document is attached)
    - Engineering Dpt filed for an extension request until October 31<sup>st</sup>, 2024.
    - A concept plan was developed in June and submitted to OCR in July.