



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

ENGINEERING DEPARTMENT Monthly Activity Report

November 2024

Permits & Degradation

- 20 Permits/Licenses (27 last month) for asphalt paving (0), driveway grades/concrete pour inspections (1), storm water (0), excavating (13), Street Privilege (1), storm connection (0), permit parking (1), banner (1), environmental testing well (0), contractor licenses (3)
 - 2024 – 267 permits & licenses to date
 - 2023 – 278 permits & licenses
- 79 Diggers Locates for Storm Sewer & Sanitary Sewer (224 last month)
 - 4 Emergency locates (2 outside of normal business hours)
- Degradation fees this month = \$3,647.58
 - This year = \$82,179.50

Traffic

- Stop Sign / Yield Sign Requests / Speed Studies
 - Completed crosswalk study at 7th St S and Miller Avenue. Report is attached.
- Traffic Study
- Vision Issues

- ITS Standalone Signal Grant
 - 2023 Project @ Expy and W Grand Ave started on September 25th. The final item – replacement of two blank out signs is moving forward and parts have been ordered.
 - 2024 Project @ Expy and High St and Expy and Chase St – (bid opening 4/4/24) – contracts are signed. Construction began Nov. 4th and is now beyond the 3 weeks anticipated schedule.
CN permitting has been delaying some of the activities, but we anticipate on December 2nd to have Chase St operational and re-opening the westbound left at High St and Expressway.
 - Project Scope & Details:*
 - Signal improvements are occurring at both High Street and Expressway & Chase Street and Expressway intersections.
 - Work includes new signal controllers, updated timings, upgraded communication with the railroad, new conductors, and new vehicle detection systems.
- Signal complaints – N/A

Project Designs/Construction underway:

2025 & 2026 Projects



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- Design
 - 14th Ave N (W Grand Ave to Fremont St) – 90%
 - McKinley St (8th Ave N to 14th Ave N) – 60%
 - Plover St – 90%
 - Harrison Ave – 75%
 - E Jackson St – 45% (2026)
 - 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.
- Construction Activity
 - Mead Pickleball Courts – court finish coating will occur in the spring.
 - Dixon Parking Lot – this project is being considered for spring of 2025
 - Sewer Manhole Connecting to Rudolph’s Force Main – *Complete*
 - see Public Works’ monthly report for additional project activities.
- Future Projects
 - Preliminary Survey for future projects
 - Plover St (1st St N to Apricot St) – 100%
 - 3rd St N (Spring St to Cherry St) Storm Maintenance Project – 100%
 - Zoo Playground and Otter Exhibit – 100%
 - 13th Ave (W Grand Ave to north end) – 0% (spring)
 - 2nd St N (Spring St to Pleasant View Drive) – 100%

Projects Involving Grants

- 8th St S and Wood Ave - Highway safety Improvement Grant (HSIP).
 - Design has started with construction proposed in 2025.
 - Project plans and specifications have been submitted to the DOT on 10/31/24 for final review and bidding.
- 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. With the project complete we will be requesting reimbursement before the end of the year.
- 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)
 - 8th St S – Lakewood Ln to Whitrock Ave – proposed DOT project in 2028. Met with DOT design team on 10/16/24 to discuss preliminary scoping and needs.
 - 8th St S – Whitrock Ave to Expressway – proposed DOT project >2030.
 - DOT ADA pedestrian curb ramp stand-alone project scheduled for construction in 2029.
- Rail Notification – Predictive Mobility Project



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- Project funding has been authorized so this project can resume. Next steps are completion and submission of environmental and procurement documentation.
- Met with the DOT to discuss the deliverables. In house plans and specifications were developed and submitted to DOT on October 1. The DOT is working on completing the environmental report.
- Met with a company called Trainfo on 10/28/24 to discuss capabilities and deliverables as a comparison to LinqThingz.
- Federal Rail Crossing Elimination Grant –The City uploaded the grant document on September 23rd. It is not anticipated to hear on the grant award for 6-8 months. Ayres & Associates started on the grant writing for a track relocation planning grant on 8/21/24.

Storm Water Utility

- One Mile Cr.
 - New project update letters were sent out the week of 9/23/24. Water level drawdown has also occurred per permit requirements.
 - Dredging and Dam Permits have been granted

Other Highlights

- 32nd St railroad crossing near Kingston Road - Office of the Commissioner of Railroads (OCR)
 - A Final Decision was sent to the City on March 12th, 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 32nd St crossing by April 29th, 2024.
 - Engineering Dpt filed for an extension request until October 31st, 2024.
 - A concept plan was developed in June and submitted to OCR in July. An additional concept was sent back to OCR on 8/29/24 showing the removal of excess pavement width through the crossing.
 - *Council approved the resolution on 11/19/24. Resolution was filed with OCR on 11/22/24.*
- Met with DOT, OCR and CN on 7/31/24 to discuss the possible closure of Kingston Rd. *Council approved proceeding with the voluntary closure on 11/19/24.*
- Bridge Lighting
 - Work began on September 16th. *Bridges were lit on 11/27 as part of the Bridge Lighting Ceremony. Remaining items include internet connectivity configuration and training.*