



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

## **ENGINEERING DEPARTMENT Monthly Activity Report**

October 2024

### Permits & Degradation

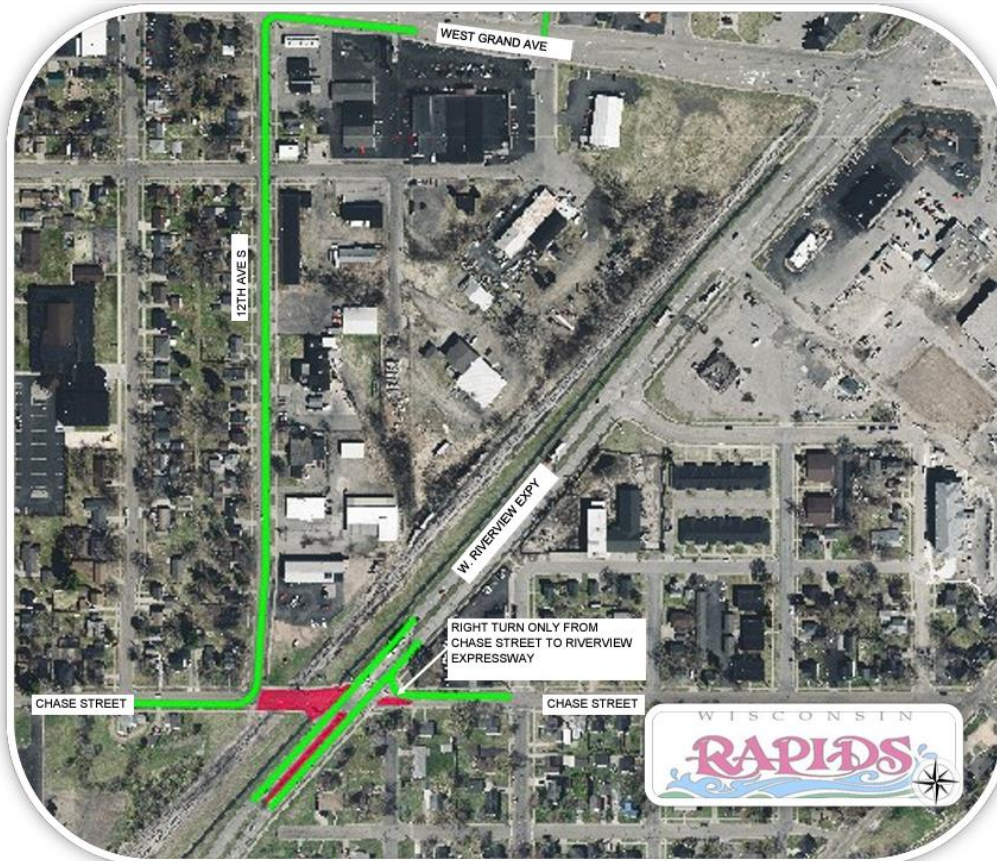
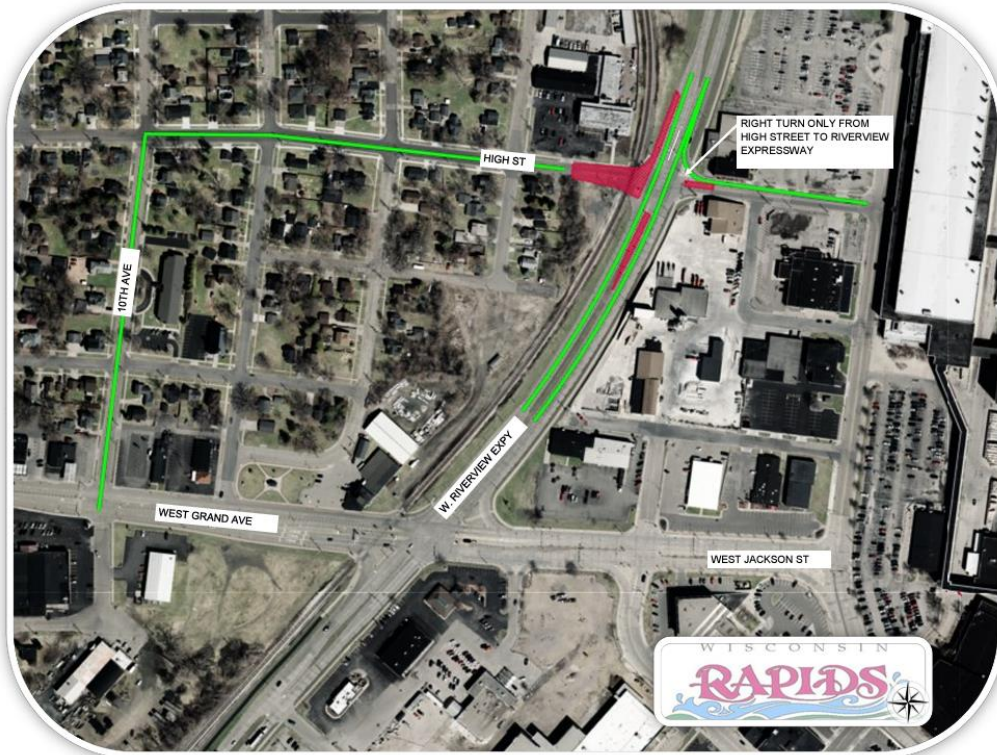
- 27 Permits/Licenses (28 last month) for asphalt paving (3), driveway grades/concrete pour inspections (4), storm water (0), excavating (16), Street Privilege (1), storm connection (0), permit parking (1), banner (0), environmental testing well (0), contractor licenses (2)
  - 2024 – 247 permits & licenses to date
  - 2023 – 278 permits & licenses
- 224 Diggers Locates for Storm Sewer & Sanitary Sewer (167 last month)
  - 12 Emergency locates (1 outside of normal business hours)
- Degradation fees this month = \$22,858.49
  - This year = \$78,531.92

### Traffic

- Stop Sign / Yield Sign Requests / Speed Studies
- Traffic Study
- Vision Issues
  
- ITS Standalone Signal Grant
  - 2023 Project @ Expy and W Grand Ave started on September 25<sup>th</sup>. *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 begins Nov. 4<sup>th</sup> and will take approximately 3 weeks to complete.*
    - 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.*
      - *To accommodate the fastest completion of these projects, both Chase Street and High Street will be closed simultaneously for a period of roughly 3 weeks. During that time, the signals will be shut down completely and turning movements will primarily be restricted to the thru routes along the Expressway.*
      - *The west leg of the intersections will be closed entirely and traffic will be detoured.*



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- Signal complaints – N/A

#### Project Designs/Construction underway:

##### 2025 & 2026 Projects

- Design
  - 14<sup>th</sup> Ave N (W Grand Ave to Fremont St) – 80%
  - McKinley St (8<sup>th</sup> Ave N to 14<sup>th</sup> Ave N) – 60%
  - Plover St – 50%
  - 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 – Fall of 2024
  - see Public Works' monthly report for additional project activities.
- Future Projects
  - Preliminary Survey for future projects
  - Plover St (1<sup>st</sup> St N to Apricot St) – 100%
  - 3<sup>rd</sup> St N (Spring St to Cherry St) Storm Maintenance Project – 100%
  - Zoo Playground and Otter Exhibit – 100%
  - 13<sup>th</sup> Ave (W Grand Ave to north end) – 0% (spring)
  - 2<sup>nd</sup> St N (Spring St to Pleasant View Drive) – 100%

#### 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.
  - *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.



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- 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.*
  - 8<sup>th</sup> 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
  - 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 23<sup>rd</sup>. 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

- 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. An additional concept was sent back to OCR on 8/29/24 showing the removal of excess pavement width through the crossing.
    - *A plan has been developed and prepared to send back to OCR. The next step is Committee review of those documents and consider a resolution to submit a **Petition for Alteration.***
- Met with DOT, OCR and CN on 7/31/24 to discuss the possible closure of Kingston Rd. *Committee began discussions in October, but will consider it further in November.*



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- Bridge Lighting
  - Work began on September 16<sup>th</sup>. Completion is expected in November. *Initial light programs are scheduled for November 25<sup>th</sup> and 26<sup>th</sup>. Final programming and training to occur into early December.*