



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

ENGINEERING DEPARTMENT Monthly Activity Report

June 2023

Permits & Degradation

- 30 Permits/Licenses (18 last month) for asphalt paving (0), driveway grades/concrete pour inspections (11), storm water (0), excavating (15), Street Privilege (0), storm connection (0), permit parking (0), banner (1), environmental testing well (0), contractor licenses (3)
 - This year – 120 permits & licenses
- 162 Diggers Locates for Storm Sewer & Sanitary Sewer (234 last month)
 - 2 Emergency locates
- Degradation fees - this year = \$33,812.28
 - This month = 5,060.19 (\$6,868.26 last month)
- 3 driveways were installed without permits – Engineering sent letters to property owners this month.

Traffic

- Stop Sign / Yield Sign Requests
 - Traffic studies for the following intersections will be completed in February.
 - 5th St and Strodman Ave – Concerns about uncontrolled intersection. Study requested on May 24th, 2023. Traffic counters were set out June 15th and moved on June 21st.
- Traffic Study
 - Request to allow right turn no stop for westbound traffic on Two Mile Ave at 1st St S. Some preliminary research has been done to gather guidance documents. A traffic study has been completed.
- Vision Issues
 - 14th St N and Avon St – letters sent
 - Mead and 3rd St – letter sent
 - Sampson St and Taylor Ave – letter sent
 - Expressway & Lincoln St – WB LT. Vision distances and Stopping Sight Distances are being verified.
- ITS Standalone Signal Grant
 - ITS Standalone Signal Grant – Chase St and High St was awarded to the City.
 - 2023 Project
 - Material/equipment supplies are creating some challenges and schedule creation is pending. However, we heard from Tapco that equipment should be in at the end of June. Scheduling for the project should be forthcoming.



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- Signal complaints
 - Riverview Expressway having to stop at every intersection. Travel time tests were conducted twice
 - FYA request for WB left traffic on Expressway at Plover Road
 - Signal adjustments requested at 8th St and Expressway for NB lefts
 - A request for traffic signals at 16th St S and Expressway to switch quicker for vehicles heading north and south on 16th St S AND for the green to stay on longer.
 - Request to make 3rd St / Market St / Jackson St intersection an all-way stop.
 - STH 54 & CTH W – too few cars can get through (9/20/2022)
- Signal Equipment
 - Spare cabinet is ordered and is expected to arrive in September or October.

Project Designs/Construction underway:

Maintenance Projects

- Sidewalk and Curb & Gutter Maintenance – A contract is award to Potrykus Construction. All contract paperwork is ready to go. A schedule is being provided on 6/30/23.
- Sidewalk Cutting with Safestep. The cutting work is complete.

2023 Reconstruction Projects

- 2023 Contracts
 - Crushing Contract – Contractor completed work on June 22nd, 2023. Contractor started on May 30th. Bid date was 3/2/2023.
 - Sewer Lining Contract – Bid date is set for June 29th, 2023 at 1pm.

2024 Reconstruction Projects

- Preliminary Survey for 2024 and 2025 Projects
 - Lincoln St (Expressway to Peach St) – 100%
 - Wylie St (8th St N to 10th St N) – 100%
 - **14th Ave N (W Grand Ave to Fremont St) – 100%**
 - 15th Ave N (W Grand Ave to High St) – 10%
 - **McKinley St (8th Ave to 14th Ave) – 25%**
- Design for 2024 Projects
 - 9th St S (Peach St to Chestnut St) – 70%
 - Lincoln St (Expressway to Peach St) – 30%
 - Turning movement counts performed at Chestnut and Dewey 4/3 and 4/4



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- Design Meeting held April 6th
- Preliminary scoping has been underway along with traffic counts and initial feedback from Public Works and Community Development.
- Preliminary concepts were reviewed at the March meeting.
- Information will be posted on the Engineering website.
- Wylie St (8th St N to 10th St N) – 70%
- 14th Ave N (W Grand Ave to Fremont St) – 15%
- 15th Ave N (W Grand Ave to High St) – 0%

Projects Involving Grants

- 8th St S and Wood Ave - Highway safety Improvement Grant (HSIP).
 - Grant application was submitted in March and has been approved. State / Municipal Agreement was approved at the June Public Works meeting.
- Grand Ave Bridge Rehabilitation
 - Bridge Rehabilitation Report is complete and submitted to Bureau of Structures.
 - A meeting was held on April 18th with the DOT bridge inspector to review the Grand Ave bridge.
 - The DOT performed further visual inspection of the deck in June and rated the deck at a 6 (previously a 7). They will be further evaluating the deck with an infrared drone and perhaps chaining it. Next steps will be discussed with the DOT after those tasks are complete.

Storm Water Utility

- One Mile Cr. – All easements for the project are now secured.
 - Dredging Permit – The DNR’s pre-application process is complete. A low hazardous waste exemption from DNR on dredged materials has been applied for. We are now scheduling a hearing **on July 17th**. After which, work will continue on the dredging permit application.
 - An update was provided to the property owners in May.
 - Dam Permit – DNR Review staff have been unable to get to the review, but are continuing to update us on the latest review schedule. Their review is expected any day.

Transportation Utility

- June: 4 account updates
- 39 account updates this year.

Capital Improvement Planning – Draft CIP can be viewed here. <https://tinyurl.com/2dvmhdtv>

Other Highlights



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- Fire Station #2 – Remodel – 100% complete and project is out for bid.
- Rail Feasibility Study –
 - CN – Discussions with CN occurred on 6/28/23. CN is open to considering all the options. They did mention that speed limits and operations can be reviewed, but that they are set for a reason and that modifying things to make a significant difference will likely cost significant dollars. FHWA mandates that CN pays 5% of the conversion of lights & gates to a grade separation.
 - Met with DOT on 6/22/23 to discuss the CRP grant project and scenarios and timelines for accomplishing this project.
 - Met with LinqThingz on 6/20 to further discuss next steps.
 - DOT – conversation with Jordan Kelbley on March 29th to discuss the rail study. He will get back to me once he discusses with other DOT staff.
 - Alternative route signage related to the Rail Study – BIL Carbon Reduction Grant. A grant application was prepared in March for submission on April 7th.
 - A follow-up meeting was held with Patrick Engineering on February 21st to further discuss the report and answer some preliminary questions.
 - A final report was delivered Feb. 6th. The document has been posted on the City's website and provided for those interested in reviewing the report.
 - Rail Study Kick-off meeting was held on 9/29/2022. Data collection began on October 12th.