



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

ENGINEERING DEPARTMENT Monthly Activity Report

April 2023

Permits & Degradation

- 15 Permits/Licenses (12 last month) for asphalt paving (0), driveway grades/concrete pour inspections (4), storm water (0), excavating (6), Street Privilege (0), storm connection (0), permit parking (0), banner (0), environmental testing well (0), contractor licenses (5)
 - This year – 72 permits & licenses
- 204 Diggers Locates for Storm Sewer & Sanitary Sewer (134 last month)
 - 3 Emergency locates (during work hours)
- Degradation fees - this year = \$21,883.83
 - This month = \$9,041.76 (\$5,431.15 last month)

Traffic

- Vision Triangles
- Stop Sign / Yield Sign Requests
 - Traffic studies for the following intersections will be completed in February.
 - 13th St N & Prospect St – 10/6/22
 - Data gathering is complete. Initial review of the data confirms that all intersections except for 14th St N & Avon St are suitable as uncontrolled. We have further reviewed 14th St N and Avon St due to a series of accidents since 2014 that may justify increasing traffic control to yield. Report is attached.
- 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.
 - Lincoln St and Daly Ave traffic accident audit is complete
 - Turning movement counts, thru counts and speed data has been collected on Lincoln St.
- 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.
 - Bid awarded to Pember Companies. Contracts are signed and Notice to Proceed has been issued.



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- Bid opening was Dec. 8th at 10am.

- Signal complaints
 - 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)
 - Chestnut & 8th St – too few cars can get through (9/20/2022)
 - W Grand & Expressway – left turn coming on when it shouldn't (9/30/2022)

- Signal Equipment
 - Met with Gridsmart 3/29 to replace a damaged camera at Plover Rd and Baker St
 - 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 out for bid with a bid opening of May 11th.
- Sidewalk Cutting with Safestep. They have completed their inspection and are scheduling the cutting work.

2023 Reconstruction Projects

- Design for 2023 Projects
 - Oak St (E Jackson St to 16th St) – 100%
 - Shorewood Terrace (1st St N to Termini) – 100%
 - Apricot St and Broadway St – 100%
- 2023 Contracts
 - Crushing Contract – Contract Documents are signed. Estimated start date is June 1st. Bid date was 3/2/2023
 - Asphalt Contract – Contract Documents are signed. Bid date was 3/2/2023
 - Concrete Contract – Contract Documents are signed. Bid date was 3/2/2023
 - Sewer Lining Contract – 10%

2024 Reconstruction Projects

- Preliminary Survey for 2024 and 2025 Projects
 - Lincoln St (Expressway to Peach St) – 100%



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- Wylie St (8th St N to 10th St N) – 100%
- 14th Ave N (W Grand Ave to Fremont St) – 5%
- 15th Ave N (W Grand Ave to High St) – 5%
- McKinley St (8th Ave to 14th Ave) – 5%
- Design for 2024 Projects
 - 9th St S (Peach St to Chestnut St) – 60%
 - Lincoln St (Expressway to Peach St) – 25%
 - Turning movement counts performed at Chestnut and Dewey 4/3 and 4/4
 - 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) – 0%
 - 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.
- 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 will perform a follow-up inspection and then discuss with us further.

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. After which, work will continue on the dredging permit application.
 - An update will be 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

- April: 0



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- March: updates included 2 accounts
- February: updates included 26 accounts

Capital Improvement Planning

- Annual CIP review process and updating will begin in April

Other Highlights

- Seasonal Engineering Technician will start May 8th.
- Rail Feasibility Study –
 - CN – reached out to the government affairs employee at CN. They provided other contacts to reach out to regarding the rail study.
 - 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.
- W Jackson St Update
 - Final restoration work is complete.
- Downtown Riverwall project scoping
 - No new updates