



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

ENGINEERING DEPARTMENT Monthly Activity Report

February 2023

Permits & Degradation

- 19 Permits/Licenses (5 last month) for asphalt paving (0), driveway grades/concrete pour inspections (1), storm water (0), excavating (8), Street Privilege (0), storm connection (0), permit parking (0), banner (1), environmental testing well (0), contractor licenses (9)
 - This year – 45 permits & licenses
- 44 Diggers Locates for Storm Sewer & Sanitary Sewer (87 last month)
 - 1 Emergency locate (0 after hours)
- Degradation fees - this year = \$7,410.92
 - This month = \$1,614.92 (\$5,796 last month)

Traffic

- Vision Triangle Complaints
 - 4th Ave N and W Grand Ave – Southbound left – review is complete. The westerly most parking stall on the north side of W Grand Ave closest to 4th Ave will be removed to allow better visibility and increase the safety of motorists attempting to see traffic coming from the east. Work order will be sent out for painting in spring.
- Stop Sign / Yield Sign Requests
 - Traffic studies for the following intersections will be completed in February.
 - 2nd St S and Davis Ave – 4/28/22 – traffic study was complete in February. No additional signed is recommended. counter placed 11/22/22.
 - 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 are further reviewing 14th St N and Avon St due to a series of accidents since 2014 that may justify increasing traffic control to yield.
 - 13th St N at Saratoga St, Avon and Wisconsin Prospect St – counter placed 11/29/22 at Saratoga, 12/8/22 at Prospect
 - 14th St N at Prospect St, Avon St and Wisconsin – counter placed 12/14/22 at 14th.
 - 15th St N at Prospect St, Avon St and Wisconsin – counter placed 12/23/22 at 15th St and at Saratoga on 12/30/22
- Traffic Study
 - Woodside School pick-up and drop-off traffic has created queueing and safety related issues on Two Mile Ave extending onto 8th St S. Observations were made on



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February 2nd and 3rd. From those observations recommendations have been developed and will be shared with the school and Police Dpt.

- 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 needs to be completed prior to modifying any signage.

- ITS Standalone Signal Grant
 - Bid awarded to Pember Companies. The contractor is working to compile the necessary insurance documents and construction schedule. At this time, construction is not anticipated to begin prior to May. The Notice to Proceed and Contract signing was completed in early February.
 - Bid opening was Dec. 8th at 10am.

- Signal complaints
 - 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)

Project Designs/Construction underway:

Maintenance Projects

- Sidewalk and Curb & Gutter Maintenance – preparations will be made in March to solicit work from a contractor for the 2023 concrete maintenance work.

2023 Reconstruction Projects

Project plans have been updated on the Engineering Dpt website and plans have been delivered to utilities along with city staff for their review and preparations for the upcoming construction season.

A preconstruction meeting is scheduled for March 1st to review the projects and proposed work schedules.

Letters to Oak St property owners were mailed out in February. Letters to Shorewood T. and Apricot St projects will be mailed in early March.

- Design for 2023 Projects
 - Oak St (E Jackson St to 16th St) – 100%
 - Shorewood Terrace (1st St N to Termini) – 100%



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- Apricot St and Broadway St – 100%
- 2023 Contracts
 - Crushing Contract – Bid date is 3/2/2023
 - Asphalt Contract – Bid date is 3/2/2023
 - Concrete Contract – Bid date is 3/2/2023

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) – 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) – 15%
 - Preliminary scoping has been underway along with traffic counts and initial feedback from Public Works and Community Development.
 - Due to the uniqueness of this project and the potential given the ROW width available we will refer the review of the preliminary concept plan to the committee at the March meeting.
 - Wylie St (8th St N to 10th St N) – 60%
 - 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).
 - 2023 Design and possible 2024 construction
- Grand Ave Bridge Rehabilitation
 - Bridge Rehabilitation Report is complete and submitted to Bureau of Structures.
 - Local Bridge Program Application is proposed to be submitted to DOT by March 24th, 2023.

Storm Water Utility

- Storm Utility Billing Update/Audit – Final data has been compiled and returned to the Engineering Department. This data has been sent to WWLC for review. WWLC and Engineering are scheduled to meet March 6th to discuss the integration of the updated account data.
- One Mile Cr. – All easements for the project are now secured.



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- Dredging Permit - Sediment sampling is complete. The Engineering Dept is still working with the DNR to complete our pre-application necessary for the dredging permit.
- Dam Permit – All data has been submitted to DNR. We are awaiting their review.

Transportation Utility

- A routine of monthly updates has now occurred over the past couple months and is set to continue.

Capital Improvement Planning

- CIP updates to be reviewed in March for review and approval in April.

Other Highlights

- Rail Feasibility Study - 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. A follow-up meeting was held with Patrick Engineering on February 21st to further discuss the report and answer some preliminary questions.
 - Rail Study Kick-off meeting was held on 9/29/2022. Data collection began on October 12th.
- W Jackson St Update
 - The final lighting equipment was installed the week of February 20th. All lighting work is now complete, except for the repair of a light standard that was hit by a truck at 3rd Ave.
 - Final restoration work will be done immediately as soon as weather allows.
- Downtown Riverwall project scoping
 - No new updates
- Dog Park Fence Bids were prepared and advertised. The bid opening is set for March 6th.
- Centralia Center Roof bids were opened February 6th. Results were reviewed with the Finance & Property Committee in February with a motion to rebid. This will be rebid in March.