



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

## **ENGINEERING DEPARTMENT Monthly Activity Report**

July 2023

### Permits & Degradation

- 16 Permits/Licenses (30 last month) for asphalt paving (1), driveway grades/concrete pour inspections (5), storm water (1), excavating (6), Street Privilege (0), storm connection (0), permit parking (0), banner (0), environmental testing well (0), contractor licenses (3)
  - This year – 136 permits & licenses
- 111 Diggers Locates for Storm Sewer & Sanitary Sewer (162 last month)
  - 5 Emergency locates
- Degradation fees - this year = \$36,362.52
  - This month = \$2,550.24 (\$5,060.19 last month)

### Traffic

- Stop Sign / Yield Sign Requests
  - 5<sup>th</sup> St and Strodman Ave – Concerns about uncontrolled intersection. Study requested on May 24<sup>th</sup>, 2023. Traffic counters were set out June 15<sup>th</sup> and moved on June 21<sup>st</sup>.
- Traffic Study
  - Request to allow right turn no stop for westbound traffic on Two Mile Ave at 1<sup>st</sup> St S. Some preliminary research has been done to gather guidance documents. A traffic study has been completed.
- Vision Issues
  - 14<sup>th</sup> St N and Avon St – Letters sent, City crews are now addressing.
  - Mead and 3<sup>rd</sup> St – Letter sent, City crews are now addressing.
  - Sampson St and Taylor Ave – Letter sent, City crews are now addressing.
  - 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.



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

- 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 8<sup>th</sup> St and Expressway for NB lefts
  - A request for traffic signals at 16<sup>th</sup> St S and Expressway to switch quicker for vehicles heading north and south on 16<sup>th</sup> St S AND for the green to stay on longer.
  - Request to make 3<sup>rd</sup> 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 – The contract was awarded to Potrykus Construction. All contract paperwork is complete. A schedule was to be 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 22<sup>nd</sup>, 2023. Contractor started on May 30<sup>th</sup>. Bid date was 3/2/2023.
  - Sewer Lining Contract – Contract was awarded to Insituform Technologies. Engineering Dept. is working with Contractor to get contract documents signed and ensure proper insurance and bonding is in place prior to commencing work.

#### 2024 Reconstruction Projects

- Preliminary Survey for 2024 and 2025 Projects
  - Lincoln St (Expressway to Peach St) – 100%
  - Wylie St (8<sup>th</sup> St N to 10<sup>th</sup> St N) – 100%
  - **14<sup>th</sup> Ave N (W Grand Ave to Fremont St) – 100%**
  - 15<sup>th</sup> Ave N (W Grand Ave to High St) – 10%
  - **McKinley St (8<sup>th</sup> Ave to 14<sup>th</sup> Ave) – 100%**
- Design for 2024 Projects
  - 9<sup>th</sup> St S (Peach St to Chestnut St) – 70%
  - Lincoln St (Expressway to Peach St) – 30%



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

- 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 (8<sup>th</sup> St N to 10<sup>th</sup> St N) – 80%
- 14<sup>th</sup> Ave N (W Grand Ave to Fremont St) – 20%
- 15<sup>th</sup> Ave N (W Grand Ave to High St) – 0%

### Projects Involving Grants

- 8<sup>th</sup> 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 18<sup>th</sup> 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. A public hearing was held with the DNR **on July 17th**. The DNR is now continuing to review the low hazardous waste exemption application from the City. Once the DNR has completed their review, the City can then continue with 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.



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

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

### Other Highlights

- Fire Station #2 – Remodel – Bidding documents were completed and project was successfully 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 29<sup>th</sup> 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 7<sup>th</sup>.
  - A follow-up meeting was held with Patrick Engineering on February 21<sup>st</sup> to further discuss the report and answer some preliminary questions.
  - A final report was delivered Feb. 6<sup>th</sup>. 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 12<sup>th</sup>.