



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 2022

Permits & Degradation

- 34 Permits/Applications (37 last month) for asphalt paving (0), driveway grades/concrete pour inspections (11), storm water (0), excavating (17), Street Privilege (2), storm connection (0), permit parking (2), banner (1), environmental testing well (0), contractor licenses (1)
 - This year – 297 permits & licenses
- 205 Diggers Locates for Storm Sewer & Sanitary Sewer (181 last month)
 - 8 Emergency locates
- Degradation fees - this year = \$90,225.44
 - This month = \$8,136.00 (\$7,119.00 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.
- Stop Sign / Yield Sign Requests
 - 2nd St S and Davis Ave – 4/28/22
 - 13th St N & Prospect St – 10/6/22
 - 13th St N at Saratoga St, Avon and Wisconsin
 - 14th St N at Prospect St, Avon St and Wisconsin
 - 15th St N at Prospect St, Avon St and Wisconsin
- ITS Standalone Signal Grant
 - It is proposed to advertise again starting the week of Nov. 7th. Bids would be expected at the December Public Works Committee meeting.
- Signal complaints
 - 2nd Ave and Expressway accident. Signal cabinet on order and should arrive within a week. Intersection operating as all-way stop. Red flashing lights were operational on Monday, Oct. 31st. Cabinet expected to arrive Thursday, 11/3/22.
 - Chase St & Expressway – red light running, pedestrian safety, queueing.
 - WWLC electricians review the intersection for malfunctions



- Engineering Dpt staff observed the intersection on 10/25, 10/26, 10/27
 - 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 – Joslin Concrete is working to finalize remaining work of the 2022 construction season.

2022 Reconstruction Projects

- Construction for 2022 Projects
 - DOA/Lyon Park Levee – Lyon Park work began October 24th
- 2022 Contracts
 - Sewer Lining Contract (contract awarded to Visu Sewer) – the work is complete;
 - Crushing Contract – complete
 - Asphalt Contract – American Asphalt is being scheduled for the final paving project of 2022 which is Fremont St from 7th Ave to 10th Ave
 - Concrete Contract – SD Ellenbecker began pouring curb and gutter on Fremont St from 7th Ave to 10th on October 27th.

2023 Reconstruction Projects

- Preliminary Survey for 2023 Projects are complete.
- Design for 2023 Projects
 - Oak St (E Jackson St to 16th St) – 80%
 - Shorewood Terrace (1st St N to Termini) – 80%
 - Apricot St and Broadway St – 90%

2024 Reconstruction Projects

- Preliminary Survey for 2024 Projects
 - Lincoln St (Expressway to Peach St) – 95%
 - Wylie St (8th St N to 10th St N) – 25%
 - 14th Ave N (W Grand Ave to Fremont St) – 0%
 - 15th Ave N (W Grand Ave to High St) – 0%
- Design for 2024 Projects
 - 9th St S (Peach St to Chestnut St) – 40%
 - Lincoln St (Expressway to Peach St) – 5%



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- Wylie St (8th St N to 10th St N) – 0%
- 14th Ave N (W Grand Ave to Fremont St) – 0%
- 15th Ave N (W Grand Ave to High St) – 0%

Storm Water Utility

- Storm Utility Billing Update/Audit – Proposed scope of work consists of reviewing and updating the utility database to make sure billing is accurate. Work is expected to be complete by Dec. 31st, 2022.
- Illicit Discharge and Detection Outfall Testing. We have been unable to secure test kit materials to perform the outfall testing in-house after many months of backorders. We are working with Badger Labs to do some testing for us. Samples were collected September 22nd and 29th.
- One Mile Cr. – We are waiting for DNR to provide comments on the permit application for the dams.

Transportation Utility

- Ongoing account maintenance

Capital Improvement Planning

- Ongoing meetings are being held every couple weeks to discuss the CIP database and procedures.



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Other Highlights

- Rail Study Kick-off meeting was held on 9/29/2022. Data collection began on October 12th.
- Mid-block ped crossing on 32nd St. Concrete flatwork is complete along with concrete bases. LED Sign units are expected to be installed shortly.



- Baker St ped crossing. Preparation and coordination is complete. Bases are expected to be installed within the next week or two.
- W Jackson St Update
 - W Jackson St opened on October 28th.