

ENGINEERING DEPARTMENT – January 2022

Misc.

- **16 Permits/Applications for asphalt paving (0), driveway grades/concrete pour inspections (0), storm water (1), excavating (5), Street Privilege (0), storm connection (0), permit parking (0), banner (0), contractor licenses (10)**
- **26 Diggers Locates for Storm Sewer & Sanitary Sewer as of 1/26/2022 (1 Emergencies)**
- **Degradation fees**
 - **degradation fees this month**
 - **\$2,745.90**
- **Transportation Utility Database – the database and account verification is nearly complete. The last set of city verified changes is being sent to RaSmith by 2/4/2022.**

Traffic

- **Vision Triangle Complaints**
 - **4th Ave N and W Grand Ave – Southbound left – review is ongoing**
- **Stop Sign Requests – review is ongoing**
 - **10/14/2021 - Sampson St and Grove Ave. Study is complete. Signs were installed before Christmas**
 - **10/14/2021 - Two Mile and 1st St S – review is scheduled**
 - **Chestnut St centerline striping – reviewed at Public Works**
 - **4/20/2021 – 12th St and Chestnut St. Study is complete. Sign approved.**
- **ITS Standalone Signal Grant**
 - **The city staff requested proposals from consultants to be reviewed at the Public Works Committee in February.**
 - **City received a State / Municipal Agreement on 8/30/2021. The agreement is fully signed.**
 - **The City was noticed via email on 2/1/21 that the \$534,600 grant was approved. Submitted a Standalone Signal Grant through the WI DOT the following intersections along the Expressway: Chase St, W Grand Ave, High St. Results are expected in November of 2020.**
- **Signal complaints**
 - **8th St sign bridge at Chestnut St fell and needs replacing – A new pole has been ordered and will be installed when the weather breaks.**
 - **Ped Crossing at 1st St N and E Jackson St was not lighting up. WWLC investigated and the power was turned off when the Christmas lights were turned off. Power is restored and the sign is working properly.**
 - **Nov. 2021 - Griffith and 8th St queuing lengths. Review is ongoing.**
 - **12/22/2021 – 8th St and Pepper Ave NB & SB Left Turn Arrow Malfunction. This was determined to be a camera detection issue. Gridsmart technician verified and corrected the issue.**

Project Designs/Construction underway:

2021 Projects

- **RECC Rail Spur – Construction is substantially complete as of January 8th, 2022. A final walk-thru is scheduled for early February. Bid opening was October 5th with Ameritrack being the low, qualified**

bidder at \$792,705.00 base bid. 3 bidders supplied numbers with the 2nd lowest bid at \$1,030,345.00.

Maintenance Projects

- Concrete Joint Sealing –
- Sidewalk Concrete Cutting (Safe Step) – **preparing RFP documents for 2022**
- Sidewalk and Curb & Gutter Maintenance – **preparing RFP documents for 2022**

2021 Reconstruction Projects (to be completed in 2022)

- **DOA/Lyon Park Levee – The DNR provided further questions on December 3rd, 2021 with the City's formal reply on December 10th. A meeting was held on January 26th, 2022 and little to no concerns remain from the DNR and they should be issuing a permit soon.** The DNR requested additional information which was provided on October 20th. Met with the DOA on July 15th to do a preconstruction walk-thru. Plans were modified after the walk-thru. City Floodplain Permit Application was also prepared. Flood modeling along the Wisconsin River near the roundabout and the DOT office building – GEI has completed the modeling report and a flood plain zoning permit application has been submitted. Plans are complete. The DOA and City crews are reviewing the final plans. A DNR permit application is being applied for in July. Construction is expected to occur in late summer / fall of 2021.

2022 Reconstruction Projects

- Design for 2022 Projects
 - **This month final permit applications were reviewed and prepared for submission, comments from St Dpt and Utilities were reviewed and considered, minor plan adjustments were made along with Quality Control / Quality Assurance reviews.**
 - Fremont St – 13th to 14th Ave design - 99% complete
 - W Jackson St – Expressway to Jackson St Bridge – 100% complete
 - Fremont St – 7th to 10th Ave design is 99% complete
 - 9th Ave N (8th Ave N to Fremont St) – 99% complete
 - Smith St (Railroad to Riverview Dr) – 99% complete
 - Cherry St (Riverview Dr to 1st St N) – 99% complete
 - Rosecrans St (9th Ave N to east dead end) –50% complete

2022 Contracts

- **Sewer Lining Contract (contract awarded to Visu Sewer) – All documentation was prepared and signed. A preconstruction meeting is being scheduled in February.**
- **Crushing Contract – 90% (anticipate advertising bids January 31st)**
- **Asphalt Contract – 40% (Quantity Take-off occurred in January, advertise by February 11th)**
- **Concrete Contract – 40% (Quantity Take-off occurred in January, advertise by February 11th)**

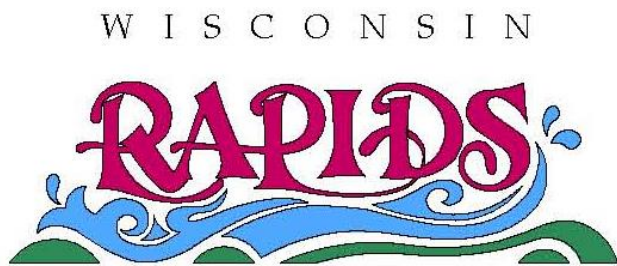
2023 Reconstruction Projects

- Preliminary Survey for 2023 Projects
 - Oak St (E Jackson St to 16th St) – 100%
 - 9th St S (Peach St to Chestnut St) – 0%
 - McKinley St (8th Ave N to 14th Ave N) – 0%
 - Shorewood Terrance (1st St N to Termini) – 0%
 - Apricot St and Broadway St – 100%

- Design for 2023 Projects: The following list is what is currently proposed in the CIP. However, the list of projects result in nearly 2 miles of road improvements. Our typical production for design and construction is about 1 mile. At this point, we are anticipating that 1 project, perhaps McKinley St, will be delayed until 2024.
 - **Oak St (E Jackson St to 16th St) – 10%**
 - **Preliminary survey data was incorporated into CAD, Structure inspection data was reviewed and drafted into CAD, and the project is generally prepared at this point to start design**
 - 9th St S (Peach St to Chestnut St) – 0%
 - McKinley St (8th Ave N to 14th Ave N) – 0%
 - Shorewood Terrance (1st St N to Termini) – 0%
 - **Apricot St and Broadway St – 50%**
 - **Geotech work was complete by Nov. 15th. Waiting on report.**
 - Design goal for 2023 project designs - have Oak St, 9th St S and Apricot/Broadway complete in August of 2022 coinciding with budget preparations. This would equate to having 90% of the 2023 projects complete by the end of August 2022.

Storm Water Utility

- **Annual MS4 Report to be submitted by March 31st.**
- Total Maximum Daily Load requirements are being reviewed and staff are putting together a recommended path forward.
- Storm Sewer Outfall testing -
- **Storm Utility Billing Updates – Final adjustments from 12/31/2021 will be complete in early February and then sent to WWLC.**
- One Mile Cr. – MSA submitted a draft plan set for review. City staff will review early December. Only three residents have signed the Permanent Limited Easements. City is working on completing the application for the dredging component of the project which could occur in winter. MSA stated the plans for the dam removal and dam rehabilitation are around 90% complete. MSA completed final surveying / inspection work on the dams in mid-June. They are coordinating a draw down with the DNR. Inspection is expected to occur in mid-June. Council approved 2/16/21 moving forward with dredging both the lower and upper ponds, and utilizing MSA for design of the lower dam repair & upper dam removal. Property owners are aware of this decision. Engineering Dpt. is requesting a proposal from MSA for design and permitting work related to the lower dam rehabilitation. Discussed at Public Works on 11/10/20 – no decisions were made. A resident meeting was scheduled with property owners on October 16th with requested feedback from property owners on Oct. 26th.



PUBLIC WORKS DEPARTMENT

1411 CHASE STREET
WISCONSIN RAPIDS, WI 54495
(715) 421-8218 FAX (715) 421-8281

January 2022

Refuse and Recycling

- Garbage Collection Estimate 349 tons
- Recycling Collection Estimate 102 tons
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Public Works Maintenance

- Provided Christmas tree pickup
- Cleared R/W in areas that trees were hanging out into roadway and hitting vehicles
- Plowed/ Salted five snow events of 3" or less.
- Picked up and stored all Christmas Decorations for the season
- Cleared city common areas from dead trees December wind
- Started service and or replacement of small engine tools (String trimmers, chain saws, brush saws and cut off saws)
- Serviced Dewatering pumps
- Service, Construction Dozer and Street Sweeper
- Reviewed 2022 Construction plans
- Fixed fence along Expressway in three spots damaged by wind and vehicle hit
- Picked up brush piles from December wind gusts
- Filled sand barrels
- Cut brush on West River bank
- Moved and built book shelves for the Library
- Painted walls and installed new ceiling tiles in front and office entry of City garage
- Turned compost at East and Westside compost
- Rented Asphalt Cold planner to remove high spots on expressway and various other locations where Concrete and Asphalt roads meet
- Inventory castings
- Cleaning and organizing building as time allows

Paint and Signs

- Christmas Decorations and Banners removed along Grand Ave and throughout the downtown and stored for winter
- Started off season equipment maintenance
- Started Parking Ordinance sign replacement
- Assisted with snow removal operations
- Repaired damaged signs from accidents and wind
- Training new employee to area
- Refaced polling place sign for election

Shop and Repairs

- Multiple repairs to snow fighting equipment after an event
- Hard surface excavator bucket
- Multiple big truck services
- Buildup frame for Loader snowplows
- Relined Garbage truck in high wear area
- Police Car maintenance
- Airport tractor fuel pump issues
- Belt Change on V-box spreader