



City of Wisconsin Rapids
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Director of Public Works Report

Activity highlights for the month of March, 2021

Buildings and Grounds:

- Zoo project is finishing up, concrete should get poured the week of March 29 and the fence installed sometime in April
- Carpet removal and replacement is finished at city hall. This was a warranty repair project
- Removal of trees and trimming has been completed on 18th Ave for the construction crew
- New supervisors office and women's locker room and bathroom are 90% completed. Finishing details and lockers need to be installed
- Skate park and pickle ball/tennis are open at Witter Field
- Started the interview process for seasonal staff for this summer
- Continuing trimming back mowing routes

Engineering:

Misc.

- 25 Permits/Applications for asphalt paving (1), driveway grades/concrete pour inspections (10), storm water (3), excavating (11), Street Privilege (0), storm connection (0), permit parking (0), banner (0)
- 152 Diggers Locates for Storm Sewer & Sanitary Sewer as of 2/23/2021 – 3/30/2021
- Degradation fees – The new permitting requirements went live in late December of 2020. The permit webpage was updated with a new Right Of Way Permit Application and degradation fee calculator. This webpage can be viewed here <https://www.wirapids.org/permits.html>.
 - Total Fees to date - \$23,216.11
 - March Degradation Fees - \$10,013.71
- Flood modeling along the Wisconsin River near the roundabout and the DOT office building – Met with GEI on 3/24/21 to kick off final modeling work. Met with DOA on 3/17/21 to recap on final design steps and proposed construction schedule.

Traffic

- 3/11/2021 - Stop Sign request received on Apricot St at 15th St or 16th St.
- Stop signs were installed in late December at Two Mile Ave and 16th St. Monitoring is continuing.
- Signal complaints/issues –
 - 2/9/21 – Expressway at 8th St – complaint that EB lefts and WB lefts onto 8th St were malfunctioning and not sensing vehicles presence. WWLC investigated this issue and no issues were found. Monitoring continues.
 - Modified vehicle detection at STH 54/Expressway to better accommodate gaps in vehicles approaching the intersection. Monitoring continues.

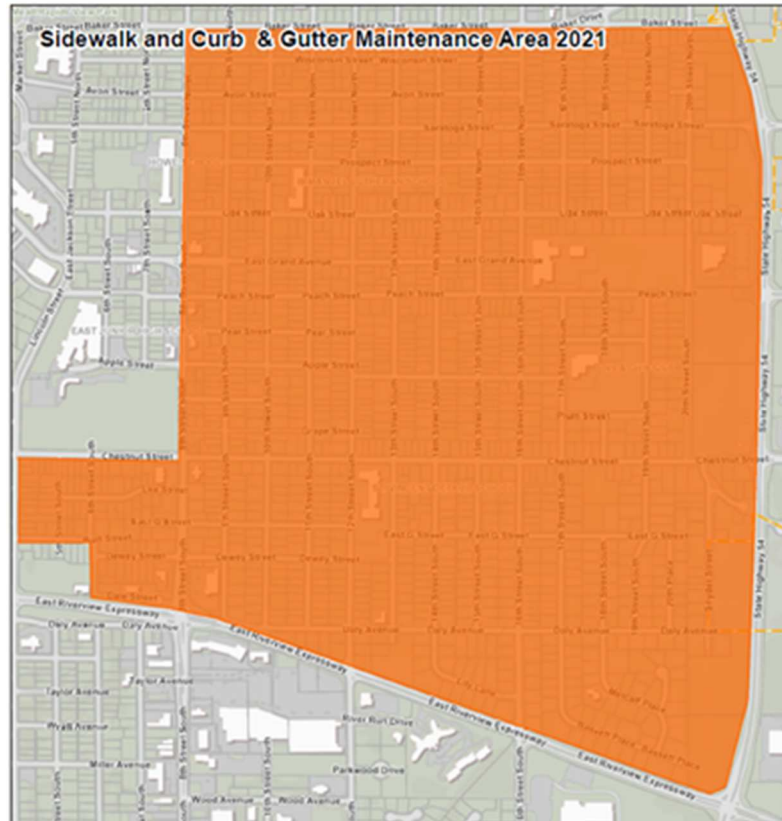
Project Designs/Construction underway:

2021 Projects

- RECC Rail Spur – Design has been modified and resubmitted to CN on 3/23/2021. Meetings were held with DOT, agreements documents and requirements for the TEA grant are being prepared, and follow-up occurred on review items with CN. Plans are at 99% complete.

Maintenance Projects

- Concrete Joint Sealing – Interstate Sealant & Concrete, Inc will be performing joint sealing in 2021. Proposal amount is \$72,936.00. American Pavement Solutions and Fahrner also submitted proposals with less favorable pricing. Joint sealing work is on Plover Rd / STH 54.
- Sidewalk Concrete Cutting (Safe Step) – A proposal was received by SafeStep, LLC in the amount of \$22,000.
- Sidewalk and Curb & Gutter Maintenance – Proposals received from Joslin Concrete and A-1 Services on 3/19/21. Joslin Concrete’s proposal was for \$96,531.75.



2021 and Future Designs for Reconstruction Projects

- Quadplex project – sewer & water services are being installed 3/24/21 – 3/29/21. There is a portion of property within the proposed Grove Ave right-of-way that is privately owned. Initial discussions with property owners was held on 3/23/21 to provide basic information about the need and the intent of securing that piece of property in the future Grove Ave right-of-way. Town of Grand Rapids excavating permit is approved. DNR NOI permit is approved. Sewer and Water Extension permits with the DNR will be submitted once the real-estate / right-of-way work is more clear.
- Preliminary Construction Estimates are complete for 2022 projects.
- Preliminary surveys for 2022: 100% complete - Fremont St (13th Ave to 14th Ave), Fremont St from 7th Ave N to 10th Ave N, 0% complete – 9th Ave N (McKinley to Fremont)
- 11th St (Washington St to Apricot St) – Design is 100%. Open House 2/23/2021.
- 15th St (Apricot to Norton St) – Construction start on 3/30/21. Walk-thru occurred on 3/24/2021. Design is 99%. Open House 2/24/2021.
- 18th Ave (2021 Construction) – Design is 90%. Open House meeting is scheduled on 3/31/21 - preliminary resolution letters were sent to residents in mid-May.
- Jefferson St (2021 Construction) – Walk-thru is scheduled for April 13th at 10am. Design is 100% complete. Open House 2/25/2021. A CSM for the real estate purchase is complete and approved at the February Plan Commission and Council. Pepsi has signed the Quit Claim Deed and TLE.

- W Jackson St – At 60% design, plans are being reviewed, Transportation Project Plat and Relocation Order is ready for review and approval, title searches are nearing completion, Public Information #2 is being scheduled.

Storm Water Utility

- Annual MS4 Report to the DNR is due March 31st, 2021.
- Total Maximum Daily Load requirements are being reviewed and staff are putting together a recommended path forward.

Streets:

Refuse and Recycling

- Garbage Collection estimated 429.34 tons (2020 423.66 tons)
- Recycling Collection estimated 115.94 tons (2020 105.49 tons)

Construction

- LHS Community Quadplex Project
 - Installed +/- 700' of 4" sewer and 4" water service from Grove Ave to proposed building location
- 15th Street North (Norton Street – Apricot Street)
 - Moved job trailer and equipment in and starting construction week of March 29
- Metalco Rail Spur
 - Cut and remove trees from city property, strip topsoil and stockpile on site
- 18th Ave South (Russel Street – West Grand Ave)
 - Removed trees that are in the way with for construction
 - Trimmed trees in R/W to protect from damage from excavator

Street Maintenance

- Salted and plowed for a couple minor snow events
- Provided support staff to complete carpet repairs in City Hall
- Provided support staff to move books and shelving units at the Library
- Steamed catch basins during spring thaw
- Started picking garbage on highways
- Swept, blew off islands in downtown area and highways removing road debris from snow melt
- Sanitary repair on 15th Street South and East G, and 13th Street South and East Grand
- Turn Westside Compost
- Started Preparation of landscape areas for new mulch
- Removing winter kill of plants in Landscape beds
- Picked up sand barrels
- Assisted in Parks and green space cleanup

Paint and Signs

- Finished off season equipment maintenance
- Replaced signs damaged during snow events
- Removed winter banners and installed spring banners
- Began training of new employee to the sign shop area

Shop and Repairs

- Took delivery of new excavator for the construction season
- Serviced Dozer for the construction season

Building Projects

- Completed construction of Supervisor office space, Conference room and Women's Locker Room

Wastewater:

- With warmer weather moving in the traditional spring thaw flows are beginning to ratchet up. The plant is treating flow increases substantially as high as 5 MGD. This can create challenges with shortened MCRT and rapidly changing our food to microorganism ratios. Preventative measures are being taken, and staff are confident the process will remain strong.
- The full scale pilot test for RAS fermentation will begin in April. The test will be a proof of concept for biological phosphorus removal. If successful, this could save 90% on chemical costs for phosphorous removal. Staff talent has been used for fabrication of this hybrid reactor.
- The control panel will be upgraded the at the Whitrock lift station in April. This will ensure reliability of this station for years to come.
- Planning stages are underway of a full scale pilot test for post anaerobic digestion treatment. If this is successful, significant savings on energy costs associated with side stream ammonium removal may be realized.
- Collection system staff has been working with the Engineering/GIS departments to develop/update the CIP for the most pressing needs and priorities.
- The DMR (discharge monitoring report) for March looks to again have single digit concentrations for all parameters. This saves the Utility on permit compliance fees annually.
- Exceptional Quality Class A biosolids are available for local residents and companies to come and take for their use as state certified commercial fertilizer.
- Collection system crews have been televising sanitary sewers, flushing dead ends, responding to sewer related calls, and assisting plant staff with maintenance.
- Wastewater Department staff and equipment has also been assisting the Street Department and Engineering Department with catch basin cleaning and televising needs.

Other DPW activities:

- DNR urban forestry grant close-out. Collect time sheets, invoices, equipment use, compile, develop report and reimbursement documents, submit
- Interview Fire Department project management consultants
- Review degradation ordinance with WWTP utility staff
- Review WWTP emergency lateral repair ordinance language
- Review quad plex plans, develop joint municipal agreement, coordinate work, site visits
- Test GIS street closure dashboard, develop press release, implement
- Review Biron wastewater contract and potential discussion points for future negotiations
- Building maintenance discussions relating to Centralia Center roofing
- East Side rail plan review.
- Discuss and direct publishing compost site opening dates on website
- Individual meetings with PW department heads
- Street department leadership meetings
- Public works department head meeting – project updates, Verizon device inventory, review CIP, organizational structure update,
- Attend ad-hoc jail meeting relating to Avon St and possible vacation of right-of-way
- Attend several TEA grant progress meetings – progress has been slow to facilitate rail extension for Metalco
- CIP work
- 15th Street preconstruction walkthrough

- Utility Coordination meeting with WE Energies, Charter, Solarus, WWLC, and City engineering staff
- Discuss school district desire to extend sidewalk by Lincoln High School and Washington School
- The new street closure map is available online at the following address:
<https://wisconsinrapids.maps.arcgis.com/apps/opsdashboard/index.html#/daf48464a35844a7b5b7fc656d2a604e>
- The construction schedule, project plans, and weekly project update is available online at the following address:
<https://www.wirapids.org/construction-projects.html>