City of Wisconsin Rapids
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Director of Public Works Report

Activity highlights for the month of July 2020

Airport:

- Hangar construction substantially complete. Punch list items have been identified and resolved.
- Hosted Business After Hours
- New fuel processing system installed.
- Pursued reimbursement of nearly $200,000 from WI BOA
- Pursued $30,000 CARES ACT grant
- Troubleshooting and repair of perimeter fence gates
- Hosted and serviced nearly 100 aircraft
- Total fuel sales $10,467.99 (compared to $15,803.57 July 19)
- Total fees collected $7,520.51
    - Ramp fee $2,985.38
    - Lav. service $300
    - Hangar $2,227.13
    - GPU $375
    - Catering $660.14
    - Call in $972.86

Buildings and Grounds:

- Mowing continues daily with 2 to 5 mowers in use. Aquatic center is taking 8 + hrs. to mow.
- Tree trimming, stump removals, tree removals and line of sight obstructions for chip sealing is taking place.
- Fence line weed spraying on ball diamonds has begun.
- Zoo veterinary inspection is been comple
- Major repair at City hall of chiller coil replacement (approx. $8,700.00)
- 2021 budget work has begun
- Fall tree planting list-locations is being compiled (to complete DNR forestry grant).

Engineering:

Misc.

- 30 Permits/Applications for asphalt paving (3), driveway grades/concrete pour inspections (10), storm water (0), excavating (8), ROW (0), storm connection (0), permit parking (0), banner (0)
- 177 Diggers Locates for Storm Sewer & Sanitary Sewer (5 emergency tickets)
- Degradation fees – a new ordinance was approved in July and implementation will occur in August

- Special Assessment Study – A full draft report is complete and is being reviewed by staff. A final report for alderpersons will be ready in advance of the September meetings.
- 1st St N & E Jackson St Pedestrian Crossing – Met with WWLC to coordinate power. Work is anticipated to occur in early-mid August.
- Flood modeling along the Wisconsin River near the roundabout and the DOT office building – A final report is complete and is currently being discussed between the City and DOA.

Traffic

- Signal complaints/issues –
  - Week of June 15th – 8th St and Griffith Ave WB Left Turn Arrow (issue resolved)
  - Week of July 20th – 8th St and Baker St (takes too long now to turn to green on 8th St)
  - June/July 2020 - Franklin St and 3rd St N (stop sign request), counts are in progress
  - June, 2020 - 14th St N and Wylie St (stop sign request), vehicles counts were made

Project Designs/Construction underway:

2020 Projects

- RECC Rail Spur – Plans are at 90% complete and a Public Hearing was held on July 28th. Results will be known within 30 days.
- 2nd Ave S (2020 Construction) – Construction is currently underway – underground utilities and curb & gutter are installed. Sidewalk and lower layer of asphalt is complete. Final paving is expected in early August. Topsoil and grass restoration will occur in mid to late August.
- 10th St S (2020 Construction) – Project is complete.
- Washington St (2020 Construction) – Construction started on June 18th. Crews are currently working at 15th St.
- Seneca Rd and 2nd Ave DOT Safety Project – Charter's utility work is now complete so construction is set to begin August 3rd and is expected to be complete within 15 days.

Maintenance Projects

- Sidewalk Concrete Cutting (Safe Step) – Work is complete.
- Sidewalk and Curb & Gutter Maintenance – Another round of work is scheduled for the week of August 3rd.

2019 Reconstruction Projects

- E Grand Ave – 3rd St to 8th St –Proposed Assessment Reports have been mailed and an assessment hearing is scheduled for 8/12/20 for at 4pm. Tree planting and landscape planting is now complete.
- 7th St –Proposed Assessment Reports and Assessment Hearing is proposed to be schedule at the regular September public works committee meeting .
- 2nd St S & E Grand Ave - Proposed Assessment Reports have been mailed and Assessment Hearing is scheduled for 8/11/20 at 4pm.

2020 & future designs for reconstruction projects

- Preliminary Construction Estimates are complete for 2021 projects.
- Preliminary surveys: 100% complete - 15th St from (Apricot to Norton), Survey crews completed 100% of the survey on W Jackson St survey and are approximately at 30% on 18th Ave (Russell to W

Grand Ave). Surveys that are complete: Jefferson St (25th Ave to east dead end), 11th St (Washington to Apricot).

- 11th St (Washington St to Apricot St) – Design is 75%.
- 18th Ave (2021 Construction) – Design is 10% - preliminary resolution letters were sent to residents in mid-May.
- Jefferson St (2021 Construction) – Design is 60% complete. 1/21/20, 1/23/20, 2/5/20 meeting with property owners to discuss project and concepts for termini.
- W Jackson St – Preliminary design work is occurring with a goal of 30% plans ready in August.

E River Bank Recreational Trail

- Phase I – Work is complete and final payment has been made. Phase II – Work is complete. Working on closing out the project.

Storm Water Utility

- One Mile Cr. – A resident meeting was held on June 22nd at 4:00pm at Sand Lot Park. An updated to the project will be presented at the August PW meeting.

Streets:

Refuse and Recycling

- Garbage Collection estimated 472.03 tons (2019 436.91 tons, increase of 35.12 tons from previous year)
- Recycling Collection estimated 119.03 tons (2019 100.32 tons, increase of 18.71 tons from previous year)

Construction

- 10th Street South (Airport Ave – Grove Ave)
  Project is completed
- Chase Street (17th Ave South – 21st Ave South)
  Project is completed
- Centralia Center Parking lot
  - Built 12' retaining wall where sidewalk meets adjoining property

  Project is completed
- East Grand Ave Construction Project
  - Waiting on installation of remainder of bike rakes otherwise complete
- 2nd Ave South (10th Ave – West Riverview Expressway)
  - Removed asphalt butt joints and excess concrete
  - Removed asphalt driveways and installed driveways by hand
  - Adjusted manholes with steel rings
  - Finished graded for asphalt pavement, bottom layer installed
  - Hauled out bad curb and gutter
- Washington Street (12th Street South – Baker Drive)
  - Completed removals from 13th Street – 16th Street
  - Installed 972' of 12" sanitary, 60' of 8" sanitary 2 manholes, and 18 services
  - Installed 654' of 6" water, 16 services and 2 Fire Hydrants
  - Installed 6 Storm Catch basins and Storm Manhole and 170' of 12" pipe and 32' of 8" pipe
  - Cut Subgrade on 645' of roadway, 2 intersections and installed Roadbase

Street Maintenance

- String trimmed grass and weeds along highways
- Cut grass in city maintained properties and street Right of Way
- Saw cut asphalt patches south of East Riverview Expressway

- Work with Kafka Construction with brush and stump grinding
- Maintain cities railroad spur on Rapids East Commerce center (remove brush, cut weeds, spray weeds, cut back Right-of-way
- Add gravel to unimproved paved roadway shoulders
- Supplied staff member to maintain water quality at pool
- Temporary repair of steel cross drain pipe at 8th Street south and Grove Ave
- Cold Patched highways
- Sprayed weeds in medians and boulevards
- Worked with Wood County Highway doing paver patches throughout the city putting out 350 tons of asphalt in two days of patches
- Pull weeds in landscape areas around pool, east river bank and downtown areas
- Repair asphalt and boulevard areas from curb and gutter and sidewalk maintenance
- Built temporary stockpile of sealcoating chips at 1st Street South and Pepper Ave
- Completed preparation of streets for sealcoating
- Swept area to be seal coated on August 10

Paint and Signs

- Replaced seasonal banners in downtown area
- Installed signs on 2nd Ave South Construction Project
- Removed signs from Washington Street Construction area
- Painted Center line Grand Ave, Hwy 34,
- Painted intersections of Expressway and 2nd Ave, 8th Street, Sth. 54 and Washington
- Painted Crosswalks around Middle School and Washington School
- Painted Lane Dividers on Baker Street, Washington Street, and Spring Street
- Took down flags after holidays
- Replaced damaged signs

Shop and Repairs

- Put new quad axle dump truck into service
- Prepared fleet for chip seal spreading
- Replaced pins and bushings on Garbage truck arms

Wastewater:

- In July the treatment process experienced several small anomalies related to nutrient content within the influent wastewater. Significant swings up and down in phosphorus concentration has the staff trying to figure out why. One theory is industrial load changes during and around the 4th of July holiday. Overall treatment was not threatened from this, due to process changed made by the staff. We will continue to address the situation.
- Staff in internally discussing the best options for building a new biosolids storage structure. This would allow a covered area to place the dried solids and hopefully increase its marketability and reduce the number of times it needs to be handled. It would also lower the hauling costs due to the lower moisture content.
- Other summer projects are still continuing. Upgrades to the high strength receiving area, septage receiving area, digestion process piping cleaning, and lift station equipment upgrades are underway.
- We will haul approx. 100 tons of biosolids in early August to make room on the storage pad.
- In preparation for impending DNR permit parameter changes plant staff is continuing to go through overall optimization of the wastewater plant. With help from Black & Veatch we will be piloting some new technologies hopefully as soon as late summer.

- Collections crews are cleaning catch basins, jetting gravity main lines, televising, and working with our IT department to optimize our ArcGIS interface.
- Due to the continued rise of Covid 19 we have taken additional measures to maintain social distancing and attempt to keep staff safe. Staff is being isolated to specific areas of the facility, masks are now required 100% of the time, and cleaning is happening 4 times per day.

Other:

- Participate in weekly Covid-19 updates with Wood County emergency management and health departments
- Work with developers in efforts to complete Rosewood Subdivision in accordance with the development agreement.
- Facilitated DNR urban forestry grant mid-project inspection with DNR and City staff.
- Discussed with Town of Grand Rapids their preliminary plans to potentially expand multi use trails and connect the existing system to Lake Wazeecha.
- Work with City Attorney and staff to draft a contract to potentially lease City owned rail to an industrial customer.
- Work with staff to continue smooth operations of the aquatics center.