

From: [Mohelnitzky, Hannah](#)
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THE E.

A newsletter for the Engineering Division



March 2024 Issue

A message from City Engineer, Jim Wolfe

As Spring is quickly approaching, it's a very busy time for Engineering. There are a number of projects that will be starting or restarting construction this month, along with several major facilities projects already well underway. We're also approaching a busier time of year for additional maintenance and operations work. With the odd weather we've had this winter, it's hard to believe that it's still just the beginning of March. Beyond construction and field work, we're also busy planning our next Engineering All Hands meeting next week. I appreciate the opportunity for our whole Division to get together, and we're going to try a spring meeting this year to see how we feel about the different timing and/or possibly having two of these meeting each year.

-Jim

All Hands Meeting Set for Next Week

We are closing up on final details of the Engineering Division Spring All Hands Meeting scheduled for next week. If you haven't already, please respond to the Outlook Invite in your email inbox. All Engineering employees have an email, and all employees were invited to attend the in-person meeting. Unless you have work assignments or a work schedule that does not fit with the meeting schedule, or unless you have approved time off, all staff are expected to

be at the All Hands meeting for team building and more collective information sharing. Here is the invite in case you missed it:

WHAT: 2024 Spring City of Madison Engineering Division All Hands In Person Meeting

- Program + Ice Cream Sundaes + Catch Up With Your Co-Workers!
- Program will cover a number of Engineering, Division-wide topics including, but not limited to: division goals, work plan information, great work, budget

WHO: All City of Madison Engineering Division Employees

WHERE: Larry D. Nelson Engineering Division Operations Facility, 1600 Emil Street, Madison, Wisconsin, 53713, East Side Garage

WHEN: 2 p.m., March 12, 2024

HOW: There will not be a Metro bus shuttle for this meeting for downtown staff to ride to Emil. Instead, downtown staff should coordinate transportation with your supervisor or manager.

Engineering's Taylor Lemon, Maria Delestre Highlighted in Women in Construction Week 2024



Taylor Lemon
Engineering

Keira Miller
Parks

Nadine Resler
Building Inspection

Maria Delestre
Engineering

Ali Heinritz
Traffic Engineering

Women in Construction Week 2024

March 3-9, 2024

Learn more on the City of Madison Engineering Division Facebook, Twitter and website for videos, written stories and photos of each unique journey and career path.

The City of Madison Engineering Division, in partnership with the Parks Division, Traffic Engineering Division and Building Inspection Division, is proud to join the nationally-recognized Women in Construction Week, March 3-9, 2024.

This is the fifth year City Engineering will highlight the work of women and their different career paths in the construction industry. This year's theme, 'Keys to the Future', celebrates the strength and knowledge of women and the vital role they play in shaping the future of the construction industry.

Starting March 4, 2024, City Engineering will elevate each agency recipient and highlight their work and journey in the construction industry with social media posts, written article and video feature.

By sharing these stories, the City of Madison agencies hope to raise awareness of the opportunity and the wide variety of paths and careers in the construction industry. The following women will be highlighted:

- **Maria Delestre, Construction Manager, City of Madison Engineering Division**

- **Ali Heinritz, Traffic Engineer, City of Madison Traffic Engineering Division**
- **Nadine Resler, Property Code Enforcement Officer, City of Madison Building Inspection Division**
- **Keira Miller, Park Maintenance Worker, City of Madison Parks Division**
- **Taylor Lemon, Equipment Operator, City of Madison Engineering Division**

Don't miss the written stories and videos on City Engineering's [social media channels](#) and [website](#) all week long.

Assistive Technology In the Workplace

- **What:** Educational Forum on Assistive Technology
- **When:** Thursday, March 21st, 2024 from 11:00am to 1:00pm
- **Where:** Hybrid: City County Building (CCB) Room 507A + Zoom

The Disability Resource Group and the Department of Civil Rights are hosting an educational forum on assistive technology. Assistive technology can assist people with every aspect of their lives including in the workplace. Join us to hear and learn from people with both lived and professional experience with this topic. In-person attendees will have an opportunity to try Assistive Technology devices following the panel.

For more information, including the Zoom link for virtual attendance, please reach out to Rebecca Hoyt at rhoyt@cityofmadison.com or Tory Larson at ylarson@cityofmadison.com.

Engineering to Celebrate 2 Megawatts of Installed Solar

Engineering will lead an April 22, 2024 Earth Day Press Event celebrating the City's recent accomplishment: **2 megawatts of installed and commissioned Solar PVs on City sites/facilities!**

It took the City from 2007 to 2019 (13 years) to achieve one megawatt of installed solar PV on City sites/facilities. With significant financial investments in the City's budget for materials and staff, the City has achieved a second megawatt in under five years (2020-2024). This achievement continues the City's efforts to reduce its carbon footprint, save on operational costs, improve public health outcomes, and further develop leaders/in-house expertise (i.e. GreenPower) in the design and installation of renewable energies.

The event will be at the Larry D. Nelson Engineering Division Operations Facility, also fitting since that was the location of the City's latest solar installation that pushed the City over 2 MW.

We will have more information as we work together with the Mayor's Office to put together a press event and celebration in April. More information to come!

Groundbreaking: Hanson Road Metro Transit Satellite Facility

For the first time in a decade, the City is able to expand its Metro Transit bus services thanks to federal funding for a major \$16M remodel project to support the City's new electric bus fleet.

The City hosted an official groundbreaking at 3901 Hanson Road, Feb. 14, 2024, the future location of the City's Metro Transit Hanson Road Satellite Facility. The building is scheduled to be complete Fall 2024.

[Watch the full press conference and read more about the project.](#)



GEAR: New AutoDesk How To Pages Added

Don't forget to bookmark GEAR today!

<https://www.cityofmadison.com/employeenet/engineering>

Engineering's John Sapp provided copy for a couple of new pages that help build out our training section of GEAR. You can check them out here:

[AutoDesk Construction Cloud How To Documents: Civil Infrastructure](#)

[AutoDesk Construction Cloud How To Documents: Facilities Management](#)

City's Quarterly Employee Assistance Program Newsletter Now Available

The March 2024 issue of the Employee Assistance Program's quarterly newsletter, [Connections](#), is now available.

Equity Minute

Did you know? March is National Women's History Month. Here are three facts about women in the U.S. Workforce:

1. Women make up 50 percent of the U.S. workforce but only 16.7 percent of those employed in architectural and engineering professions.
2. American women earn \$0.82 for every dollar earned by men.
3. Women own close to [10 million businesses, accounting for \\$1.4 trillion in receipts.](#)

Media Snapshot



Press Releases

[Celebrate Women in Construction Week 2024: March 3-9, 2024](#) posted March 1, 2024

[Street Closures--Southbound N Lake Street](#) posted February 16, 2024

[City Breaks Ground on New Bus Storage, Maintenance Facility to Support Electric Fleet](#) posted February 14, 2024

Blogs

None at this time

Section Updates

Each month, Engineering Division City Engineer Jim Wolfe leads a section head meeting. Each month in The E, we will share main points for employees to know what was discussed on important topics that impact employees division-wide. This is to improve better internal communication between leadership and staff. This is separate from official meeting minutes.

Division Communications

Hannah Mohelnitzky, Engineering Division Public Information Officer

Planning groundbreakings is becoming routine for me, the City is so busy right now with construction! BRT Metro Hanson Satellite Facility Groundbreaking went great, now onto the State Street Garage Groundbreaking. I'm working on Women in Construction Week videos, bios and photos. What a cool group to connect with and learn about their stories. Make sure to click, watch, share and read the stories as they come out each day next week. I'm getting ready for interviewing our AASPIRE Intern pool – the application is open, and I'm looking forward to connecting with an intern to accomplish our communications goals for the division this summer. The City is also going to have a City Photographer AASPIRE Intern—and IT asked for agencies to provide a list of processes, that the intern could photograph. If you have a list of processes, construction projects, etc. That you'd like to have access to, and have professional photos taken, please email me, and I can add to the list. Finally, we're proud of our GreenPower team because the City has approached 2 Megawatts. I will be working on a special Earth Day celebration with the Mayor's Office. More details to come.

Public Works and Private Development

Chris Petykowski, Deputy City Engineer, Public Works and Private Development

Public works engineers are continuing to work on 2024 projects. Private development Engineers and Managers continue to service contracts and issue plan sets. Plans issued this month are 2503 Seiferth Rd, 3401 E Washington, Hartmeyer Development. The Draft Transportation Improvement Program was presented to the Transportation Commission. Starker, Franklin/Stevens & W Washington Ave projects had public information meetings. A revision to the Street Assessment Policy has been introduced at Council and will be referred to committees for approval in March.

Facilities Management

Bryan Cooper, Deputy City Engineer, Facilities Services and Management

- The City has reached 2 megawatts of installed solar, doubling its renewable energy infrastructure (on City sites/buildings) in the past four years.
- 2024 GreenPower team continuing solar PV installation work at [Police Training Center, Engineering Operations Facility, and East District Police in the coming weeks/months. Design and procurement activities for CDA Truax Apartments Solar PV project underway.](#)
- Construction Phase > [Streets West Badger Salt Barn, CCB remodels \(Assessor/Clerk/Treasurer/OIM/Common Council\), Royal Thai Pavilion roof replacement/restoration, Door Creek Park Pavilion, Tenney Park Beach Shelter, Madison Public Market, Metro – Satellite Facility, State Street Campus Garage Mixed Use Development, Village on Park Parking Structure, Fire Station 14 Training Site Phase 1](#)
- Bidding/Contract Phase > [Rennebohm Park Shelter Restroom Renovation, Country Grove Park Shelter, West Streets Facility HVAC and Lighting Upgrade](#)
- Design Phase > [Bartillon Shelter, Streets – Waste Transfer – Public Drop Off Access and Flatwork Improvements, WPCRC Expansion, Imagination Center at Reindahl Park](#)

Operations – Sewer and Stormwater Utilities

Kathy Cryan, Deputy Division Manager, Operations, Admin, and Personnel

February was a busy month for interviewing as we look for folks to join our team as MW1/OP1s and participate in our MI-TE training program. Interviews will continue in March and include hiring a new Locator and promotional processes for Tech 1 and Op2. Our goal is to be at full staff by mid-April.

Ops bi-annual confined entry and shoring training was completed in February.

And with that spring is just around the corner! We're looking forward to taking the plows off our trucks and transitioning back to mowing. In March we will start running scheduled overtime shifts and working on storm structure cleaning along with ramping up Acs, CCTV inspection and trenchless point repairs. In addition to regular repairs our construction crews have a number of waterways projects planned for this year. We're also gearing up for our 2nd year of the MI-TE program. So – plenty of work to keep us all busy!

Stormwater

Janet Schmidt, Principal Engineer, Section Manager

Is winter done? Let's hope so! We have projects that are under construction and progressing including the Restoration contracts for ponds west of Hawks Landing and other restoration work that will be gearing up for the spring. Maddie and Emily are getting prescribed burn notices out already to get a jump on the work before the plants start popping up too! Construction is moving along at the Grassman Greenway and Wexford Pond. Hoping with the good weather the Contractors will still be on schedule or ahead of schedule. Our consultant is getting plans and specs ready for bidding in summer for the Pheasant Branch Enhancement project, which is a huge flood mitigation project with FEMA in the Old Sauk Trails Business Park. Our planning processes with the Stormwater Vegetation Management Plan and the Sauk Creek Corridor plan are also moving along. The Stormwater Vegetation Management Plan will provide guidance on the big picture management of the public lands we use for stormwater (ponds, greenways, etc.) while the Sauk Creek Plan will help us guide planning and design specific for that corridor (greenway from Haen Park on near Tree Lane and High Point Rd to Old Sauk Road near the intersection of High Point Rd). The next immediate big task will be getting budget going again this spring. This year's budget may be challenging but we have a lot of work ahead of us.

Sanitary Sewer

Mark Moder, Principal Engineer, Section Manager

2024 construction year is here. Projects assignments are now out, and utility designs are underway. Designers are reminded to stay on top of permitting- WRAPPS, Sewer Extension Permits, Wetland Permits. With the warm temps, contactors are likely going to start projects early and we need to have permits in place prior to beginning work. So far, we appear to be staying on track, but we need to continue to do so to avoid project delays. Private development work (both subdivision and lot redevelopment) is ongoing. Several of the infill lot redevelopments that resulted in larger regional infrastructure sewer projects are now being designed- Lake Street Garage Redevelopment (Lake St. and Dayton St. Sewer), Gardners Bakery Redevelopment (Commercial Ave.(Hwy 30) sewer crossing). 1617 Sherman Ave. (Fordem-First St. Sewer Replacement). Fordem-First Sewer Replacement project will likely not be built in 2024 due to Railroad Permitting. We are anticipating more developments to be proposed that may require offsite sewer improvements because of the significant increase in wastewater generated. Lift Stations Projects:, Truax Lift Station Replacement will be under construction soon and completed in 2024. Badger Lift Station Replacement will be designed in 2024. Sewer Projects funded by Impact Fees- The Pumpkin Hollow Neighborhood Sanitary Sewer (regional sewer improvement) will serve pending development in the vicinity of Portage Rd and Hoepker Road and potentially a much larger 674-acre basin which currently does not have access to City sewer. Finally, the 2025 Budget planning will result in a very busy March.

Land Information/Official Map

Jeff Quamme, Section Manager

- Coordination of multiple Real Estate projects and relocation orders for several engineering, transportation and water projects
- 911 Address Point population with some of the processes being revised.
- Private development with extensive land rights reviews, acquisitions and releases with Real Estate projects.
- Working on updating and standardizing processes for mapping of impervious areas for storm water billing.
- Final policy changes for street naming and renaming policies resolution is in for final action by Common Council.
- Review of all historic Official Map reservations ongoing.
- Many spatial accuracy updates being completed in conjunction with BRT acquisitions.
- Discussion of parcel classes to assure proper utility billing to exempt parcels.

Engineering Technology

Candice Kasprzak, Engineering Technology Manager

- Starting on getting sidewalk inspections up in CityWorks
- Facilities Management working fully in ACC including change orders and pay apps.
- Working heavily with Construction Inspection on getting the contract administration setup in ACC
- Also working with Construction Inspection on getting their forms into ACC digitally
- Looking into getting CityWorks time imported into Kronos
- Researching BIM for facilities into CityWorks
- Setting up CAD standards, templates and efficiency improvements
- E911 Addressing Points with Dane County
- Misc CityWorks updates and maintenance
- Sanitary & Storm record updates – working on sanitary and storm backlog
- Data Governance –Working on data training. Looking into online class forums for different topics

Administration Staff

Johanna Johnson, Heidi Fleegel, Isaac Gabriel

Key dates to know for March Common Council and Board of Public Works Meetings are:

- Common Council resolution deadline was Tuesday, February 27 at NOON (3/5 CC meeting)
- Board of Public Works resolution deadline was Wednesday, February 28 at NOON (3/6 BPW meeting)
- Common Council resolution deadline is Tuesday, March 12 at NOON (3/19 CC meeting)
- Board of Public Works resolution deadline is Wednesday, March 13 at NOON (3/20 BPW meeting)

Finance

Steve Danner-Rivers, Financial Manager

The Finance section is still working through the close out of 2023 while doing our best to keep up with 2024. Please keep this in mind if waiting on something from any of us. One quick reminder regarding resolutions, particularly those involving contracts:

- o Please copy Chase on all Approving Plans & Specs resolutions and contract authorizing resolutions before requesting (or at the very latest, when requesting) them to be put on the agenda.

We also have a couple Kronos tips for staff:

- o Kronos Tip#1: If you are an Activities employee who gets OT/COMP at time and a half or OT/COMP at straight, please narrow your view to one week at a time in the upper right when checking over your time sheet. Then check Totals/All/All tab to see what Kronos recommends based on your in/out times. Then check Activity Summary/All/Total Activities tab to see what you actually entered in the Allocated Amount column.
- o Kronos Tip #2: Always unapprove timecard before making corrections to your timecard.

Construction Inspection

John Fahrney, Principal Engineer, Section Manager

Inspectors are completing finalization of 2023 projects

Surveyors are working on preliminary surveys for 2024

Surveyors are setting control for 2024 projects

Standard Specification revisions were posted to web site

Staff posted sidewalk and resurfacing contracts for bidding

Staff is inspecting permits

Staff is inspecting 2024 PW and private projects

Coming and Going

New Hires

- Jacob Schuchardt

Promotions

- Sam Quinn
- Danielle Dixon

Departures

- Joey Zimmer
- Max Raemisch

Our Madison – Inclusive, Innovative & Thriving

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