

From: [Mohelnitzky, Hannah](#)
To: [Mohelnitzky, Hannah](#)
Subject: The E: June 2023
Date: Thursday, October 19, 2023 1:38:40 PM
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THE E.

A newsletter for the Engineering Division



June 2023 Issue

A message from your City Engineer, Jim Wolfe

Engineering,

Our first group of trainees in the Madison Infrastructure Training Engineering (MI-TE) program has now started! I'm very excited about this program and what this could mean for our division as well as our partners in the other Public Works agencies. A huge thank you to everyone that worked so hard to get this program started, especially Kathy Cryan, and also a big thank you to Jay Pare for leading this group. Our GreenPower training program, which also just recently started with a new group of trainees, has been very successful, and I hope to see our MI-TE program build off of that success.

-Jim

Engineering Transitions to Kronos

As the City starts to migrate away from Sharepoint-based systems, staff currently using Sharepoint for timesheets will be moved into Kronos as this system was already used by about half of the Division and is already connected into our financial and payroll systems. Hannah and Kong have been working hard to put together training videos to help get folks started on the new system and "office hours" with our internal Kronos experts have been scheduled to answer questions as we work through this transition. We will be taking a phased approach with this change and switching over a section of Sharepoint timesheet users over the next 3 pay periods. The Facilities and Finance groups, and me, will switch over during the pay period beginning on June 11, the Public Works & Private Development group will be with the pay period starting June 25, and the Sewer & Stormwater group will be starting July 9. Three office hour sessions are scheduled for each implementation group. Outlook invites with zoom links have been sent. Once we move into Kronos, everyone is highly encouraged to track your schedule daily. [Find training videos on GFAR.](#)

Equity Minute:

June is a celebration of diversity, equity and inclusion!

Event: Celebrate LGBTQ+ Pride Month at Madison Public Library.

Each year Madison Public Library celebrates Pride month in June with events, books and resources. Check out Madison Public Library's web page for upcoming events:

<https://www.madisonpubliclibrary.org/pride>

Event: Juneteenth is an important holiday celebrated on June 19 commemorating the emancipation of enslaved African Americans in the United States. Madison's Juneteenth celebration is set for Saturday, June 17 in Penn Park, 2101 Fisher St. <https://www.cityofmadison.com/calendar/madison-juneteenth-celebration-0>

Event: The Engineering Equity Team Book Club meets to discuss *Born a Crime: Stories from a South African Childhood* by Trevor Noah, on June 20, from 3 – 4:30 p.m. The meeting will be in Engineering 115 with an option to attend virtually. Are you ready to get reading? Email Amy Scanlon, ascanlon@cityofmadison.com for a copy of the book.

On June 22, the Department of Civil Rights and the Disability Resource Group host Disability Jeopardy, from 3-4 p.m. in Madison Municipal Building, room 215. This in-person event is open to all City staff and is an opportunity to learn about disability history, culture and identity. Attendees are asked to wear a mask, some will be available as well. Please RSVP by email, resi@cityofmadison.com.

Room ready for hybrid Zoom meetings

The Engineering Conference Room (downtown) 115 is ready and can be used for hybrid Zoom meetings. The setup is very user friendly. Laminated instructions are available in the room. Thank you all for your patience as this came together!

Manager 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

I'm excited to have Alli Kohlstadt join me as our new Engineering Division Public Information Officer Intern! Alli is a civil engineering major at UW-Platteville and is excited to learn about all things Engineering. I'll be reaching out to section heads to connect her with staff virtually. We also have toured Fleet, visited our GP crews, learned about our Big Green Vectors and CCTV program and so much more. We're moving into the planning phase of 2023 Waterways, with a new photo header and content selection. We also are moving faster with John Nolen Drive for communications

and engagement. I'll be working on a number of promo videos for the following: John Nolen Drive, MI-TE, and GreenPower.

Public Works and Private Development

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

Public Works engineers are continuing to work on 2023 and beyond projects. Private development Engineers and Managers continue to service contracts and issue plan sets. Plans issued this month include Westwind plat, Pavement Crack Repair and Seal, Zor Shrine Place, Davies/Dempsey, 2023 Bridge Repairs. Plans approved at Board of Public Works were 2023 Bridge Repairs. John Nolen Drive project was also presented to the Transportation Commission for input.

Facilities Management

Bryan Cooper, Deputy City Engineer, Facilities Services and Management

- 2023 GreenPower solar PV installation work underway at Fire Station 08, and finishing Streets West and Fleet.
- Construction underway at [Streets West Badger Salt Barn](#). NEW PICS added to project site!
- Proceeding with CCB remodels construction (Assessor/Clerk/Treasurer/OIM/Common Council). [Link to project page](#).
- Advertising construction bid for [Royal Thai Pavilion roof replacement/restoration](#), and [Door Creek Park Pavilion](#).
- Continue design work for [Bartillon Shelter](#), [Streets – Waste Transfer – Public Drop Off Access and Flatwork Improvements](#), [Imagination Center at Reindahl Park](#), [State Street Campus Garage Mixed Use Development](#), [WPCRC Expansion](#), [Madison Public Market](#), [Metro – Satellite Facility](#).

Operations – Sewer and Stormwater Utilities

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

Every June we are required to submit a Capacity Annual Maintenance Report (CMAR) to the Wisconsin Department of Natural Resources. This requirement went into effect in 2005. This report provides information on the Sewer Utility's financial management, operation and maintenance of the system, and compliance with permit requirements. The report is graded on a scale of 0 to 4.0, with 4.0 being the highest score a system can attain. Every year since 2005 the Madison Sewer Utility has scored a perfect 4.0! This is a testament to the hard work and dedication of everyone involved in designing, inspecting, cleaning, televising, and repairing our system.

A few fun facts from our 2022 CMAR submittal:

- 4.3 million linear feet (813 miles) of sanitary sewer main and 22,180 access structures in system
- 2.4 million linear feet of sanitary sewer mains cleaned
- 542,475 linear feet of sanitary sewer main televised
- 23,718 linear feet of sanitary sewer mains reconstructed
- 22.8 million gallons of wastewater per day conveyed from Madison residences and businesses to the Nine Springs Wastewater Treatment Plant
- 11 sanitary sewer main back ups
- 1 sanitary sewer overflow

Thanks to all of you for a terrific team effort in making the City's sewer system provide reliable service each and every day to Madison residents and businesses!

Stormwater

Janet Schmidt, Principal Engineer, Section Manager

The Hawks Landing North Ponds are in the final restoration phases. That project will wrap the third project of a regional flood mitigation solution that has been in the works for well over five years. The Lower Badger Mill Creek ponds just west of Hawks Landing are also under construction now. Mendota Grassman Greenway from Old Middleton Rd to Lake Mendota (AKA Hickory Hollow Greenway) was just put out for bids with construction of that project scheduled to kick off this winter/next spring. There are several other public meetings coming up this summer that will keep projects moving forward, including several watershed studies. We are very saddened to have Matt Allie leave his position with the City. But although we are sad to see him go we are all very excited for his next adventure this summer of biking cross country along the Mississippi from MN down to New Orleans, before relocating to MN! If you get a chance make sure to wish him well!

Sanitary Sewer

Mark Moder, Principal Engineer, Section Manager

Most 2023 City street projects have now been designed and are now under construction or will be under construction soon. Staff are working on plan revisions to projects as utility conflicts with the proposed storm and sanitary improvements are discovered. There are only a few stand-alone sewer projects remaining: Parkside Drive, CIPP Lining. The Parkside Drive Sewer replacement is a project to replace a problem sewer that also has access problems for our crews. This project will correct both with a new sewer and an access path being built. We also plan on bidding the 3rd UV lining project in July. Lift Station Projects: The 2 lift station carryover projects are Harper Lift Station (replacement) and Thurber lift Station (rehabilitation). The Harper Lift Station project is now nearing completion. Thurber is being held up by an electrical equipment issue and will likely not construction until August. A 3rd lift station replacement project, Truax Lift Station, is now under contract but we do not anticipate construction to begin until 2024 as a result of supply chain equipment availability which continues to be a problem with the lift station projects. Private development work (lot redevelopment and plat work) is steady with sewer design staff continuing to stay on schedule for sewer extension permitting. Finally, Todd Chojnowski is now out field helping out with construction inspection. Eric Cefalu will be heading out in August.

Land Information/Official Map

Jeff Quamme, Section Manager

- Continued with Dane County on partial road vacation within the Alliant Energy Center.
- Begin work for Relocation Order to acquire lands for excess cut disposal site on the east side
- Coordination of Real Estate projects for several engineering projects
- Official Map reservation project services.
- Ongoing review and modification of addressing data to be used by Dane County 911.
- Continued work on internal Engineering address policy and procedures
- Data Dictionary review and updates for base mapping.
- Private development in the City of Madison. Several projects requiring extensive land right reviews, acquisitions and releases.
- Staff continues to work to update the Official Map of the City. Also maintaining / assigning addresses within the City and storm water impervious billing information.

Engineering Technology

Candice Kasprzak, CADD Administrator and Information Program Manager

- Continue developing workflow with Dane County and the Land Information section on getting address points QC'd/sent out to E911
- Working with other Public Works agencies for new Digger's Hotline Software
- Finalizing data conversion from Pipelogix to ITPipes
- Finalizing Sewer AI (software that codes our CCTV)
- Migrating facility's work order system (FAMIS) to CityWorks
- Migrating Facilities Management construction administration system to Autodesk Construction Cloud.
- Start work with Construction Inspection to configure Autodesk Construction Cloud in late 2023
- Sanitary & Storm record updates – working on sanitary and storm backlog
- Ongoing - Setting up CAD standards, templates and efficiency improvements.

Administration Staff

Johanna Johnson and Heidi Fleege

- Admin teams at CCB and Emil St are currently understaffed, so please be extra patient and plan ahead.
- Use Holiday when filling out your timesheets for June 19.
- CC resolution due dates are END OF DAY on: June 13 (7/20 CC).
- BPW resolution due dates are noon on: June 14 (6/21 BPW), June 28 (7/5 BPW).

Finance

Steve Danner-Rivers, Financial Manager

The Finance Section has been busy with the 2024 Capital Budget submittal and getting ready for the 2024 Operating Budget cycle to begin. The next milestone for the 2024 Capital Budget will be the release of the Executive Budget on 9/5. The Operating Budget kicks off on June 20. The transition to recording staff time in Kronos rather than Sharepoint for downtown staff will now be

done incrementally with Facilities going live 6/11, Public Works/Private Development going live 6/25 and Sewer/Stormwater going live 7/9.

Construction Inspection

John Fahrney, Principal Engineer, Section Manager

There are permits, private development projects, Public Works and WISDOT projects in progress. Surveyors are working on preliminary surveys for 2023.

June 2023 Media Roundup

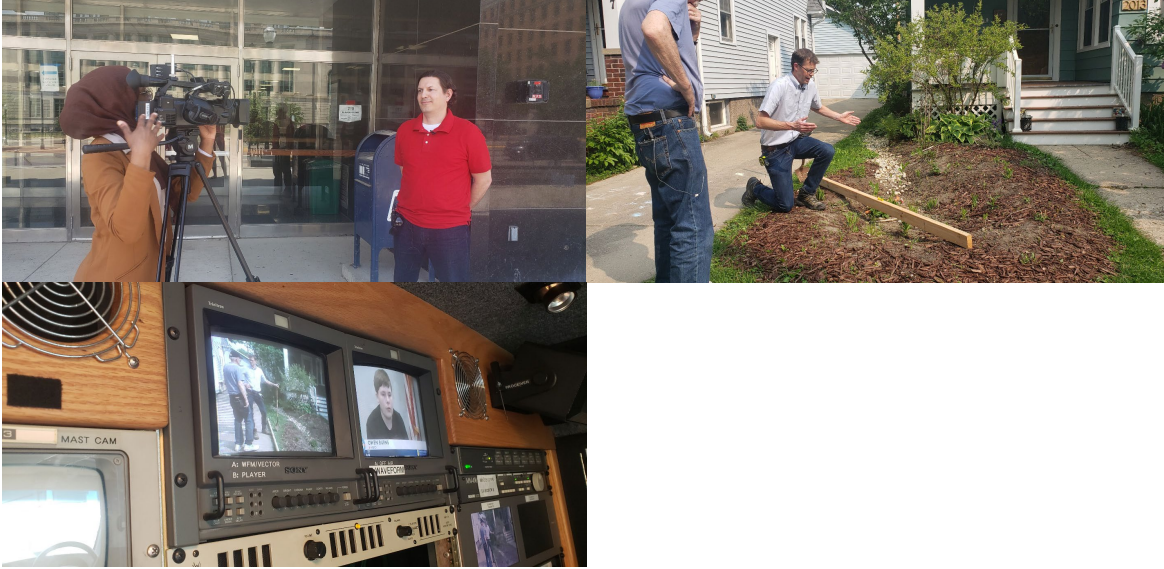
News Releases:

- [Upcoming Atwood Avenue Traffic Switch Happening May 24](#) posted May 22, 2023
- [Mow Two Times this Low Mow May 2023](#) posted May 2, 2023

Blog:

- [Plant of the Week: Packeria Aurea](#) posted May 26, 2023
- [Plant of The Week: Prairie Smoke](#) posted May 19, 2023
- [Plant of the Week: Jack-in-the-Pulpit](#) posted May 12, 2023
- [Plant of the Week: Dutchman's Breeches](#) posted May 5, 2023
- [City Engineering Earns State Award for Garver Path Project](#) posted May 4, 2023

May 2023 Media Snapshot Photos



Rain Garden Fun at 4 Segment:

We have a summer monthly segment with Channel 3 at 4 p.m. focusing in on raising awareness of rain gardens—fun segment, and a number of Engineering staff will be sharing. First up, was Phil Gaebler! These are live talkback demonstrative interviews, a great way for us to showcase what we know/demonstration is great for TV instead of a talking head. Win for us at the City-win for media.

https://www.channel3000.com/top-videos/watch-building-a-rain-garden-at-home/video_bc9cd7d9-b955-5d31-88a2-07ede6ba087d.html

June: Topic 2:

Pick Your Plants – Phil Gaebler, Engineering Division Stormwater Engineer

July: Topic 3:

Weeding and Maintenance– Maddie Dumas, Engineering Division Greenway Vegetation Coordinator

Description: How to give your rain garden the best start: watering, weeding and early years maintenance and beyond!

August: Topic 4:

Get your Rain Garden Ready for Fall: Seed Harvesting + Milk Jug Sprouting Method WITH A PLOT TWIST it's not what most people think that means and we educate on how leaving the stems up provides overwintering habitat and visual interest. – Emily Jorgensen, Engineering Division Conservation Technician

Podcast

Engineering Division Blog No new blogs. Have a blog idea? Email Hannah at hmohelnitzky@cityofmadison.com.

Podcast: Everyday Engineering: New Move, Now Open: Zeier

The intense pressure of the COVID-19 pandemic forced municipalities to find solutions for homelessness in the community—and the City of Madison was no exception. In just the last two years: the City of Madison Engineering Division led five huge projects to help people struggling with homelessness. It's an incredible amount of work to address an issue in our community that really cuts to the core of people's livelihood. All of this work changed based on resources changing during the pandemic. City of Madison Engineering Division Public Information Officer Hannah Mohelnitzky hosts City of Madison Engineering Division Facilities Services Coordinator Stephen King and Facilities Management Engineer Jon Evans to talk about how the move came to be and how it fits into the bigger picture of helping the community address homelessness

[Listen on iTunes](#)

[Listen on GooglePlay](#)

GEAR UPDATE

GEAR: GROWTH. ENGAGEMENT. ACCESSIBILITY. RESOURCES

Each month we'll highlight a section of GEAR that will hopefully raise awareness and more use for the tool. This month, we'd like to encourage you to check out the "[Pay, Benefits, Perks](#)" page – where you can view your pay stubs, login to Kronos and more.

If it needs to be updated, please email ENGWeb@cityofmadison.com

Bye, Bye, Badger Road Salt Storage! Construction Progress



The concrete footings and foundation walls have been poured. A total of 15 trucks of concrete were used to pour the footings on May 18, and 25 trucks were used to pour the foundation walls on May 30. That's a total of 382 cubic yards of concrete.

Emil Street Remodel in Photos



Coming and Going

- New Hires
 - Molly Najdowski, Construction Inspector 1 – Construction Inspection
 - Galen Rosseter, Construction Inspector 1 – Construction Inspection
- Promotions
 - Leslie Parker, GIS Specialist Trainee 1 – Public Works & Private Development
- Departures
 - Matt Allie, Engineer 4 – Sewer & Stormwater
 - Felix Eggl, Program Assistant 1 - Operations
- Interview/Offer Process
 - Architectural Associate 2 - Facilities
 - HVAC/R Technician or Trainee - Facilities
- Posted
 - Custodial Worker 1 – Facilities
 - HR Coordinator Trainee - Operations
- Upcoming postings
 - Accountant Trainee – Operations/Finance
 - CCTV Technician – Operations
 - Engineer 2 or 3 – Sewer & Stormwater
 - Leadworker 2 Trainee - Operations
 - Program Assistant 1 – Main Office Admin
 - Street & Sewer Machine Operator 2 – Operations

Our Madison – Inclusive, Innovative & Thriving

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