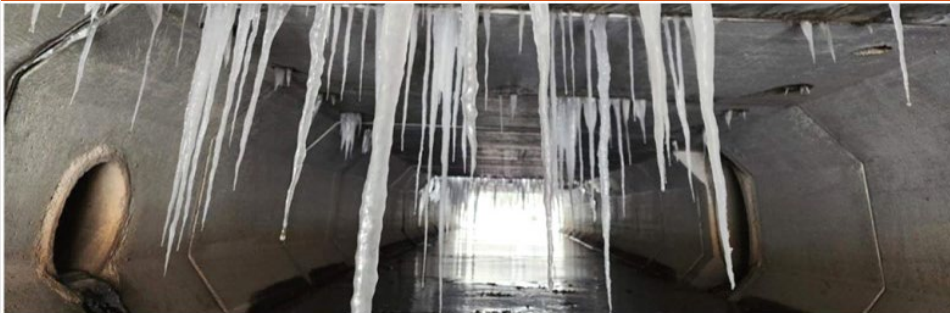


**From:** [Mohelnitzky, Hannah](#)  
**To:** [Mohelnitzky, Hannah](#)  
**Subject:** The E: January 2023  
**Date:** Thursday, October 19, 2023 1:47:33 PM  
**Attachments:** [image016.png](#)  
[image018.png](#)  
[image020.png](#)  
[image022.png](#)  
[image019.png](#)  
[image026.png](#)  
[image027.png](#)

# THE E.

*A newsletter for the Engineering Division*



**January 2023 Issue**

## A message from your City Engineer, Jim Wolfe

First, I want to send a thank you out to everyone that helped contribute to the [Engineering All Hands](#) videos, but also a huge THANK YOU to Hannah Mohelnitzky for the incredible work and effort in putting together the amazing videos. If you haven't had a chance to watch the videos yet, I highly recommend that you take some time to as they give a great quick look at a number of different things that are taking place within the Engineering Division. These videos really helped me appreciate how much we've accomplished in 2022 – Town of Madison attachment, shelters, miles of sewer main cleaning, street reconstruction projects, etc. I'm looking forward to all of the exciting projects and initiatives that we have coming up in 2023. On a personal note, I will be going down to working part time at the start of the year as I finish off the remainder of my parental leave. During this time, please continue to work through your Assistant City Engineers for various approvals, sign-offs, etc.

**Thank you for all the work you do to continue pushing Engineering forward into the new year.**

-Jim

## Miss the Divisionwide All Hands Meeting? Videos Now Available!

We've received wonderful feedback on our new communication tool we shared last month, a new way to keep you updated on what's going on in our team:

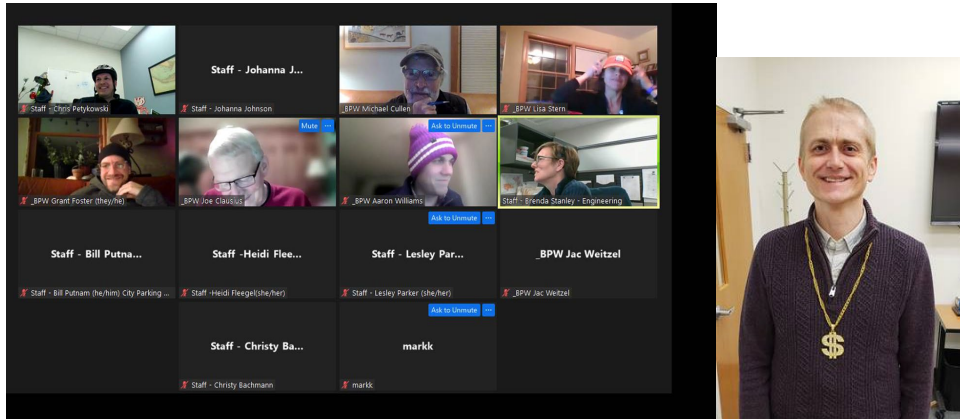
WATCH THE FULL VIDEO: [The Engineering Division 2022 All Hands Meeting](#).

Here is the breakdown on the individual videos:

- [City of Madison Engineering Division Racial Equity and Social Justice + Success Stories in Our Work](#)
- [Green Infrastructure Outlook](#)
- [Thank you, 2022](#)
- [Catching up with City Engineer, Jim Wolfe](#)
- [City of Madison Engineering Division Budget Whip 2022-2023](#)
- [City of Madison Engineering Division Prioritization Tool, CIP 2023](#)
- [Honey Harvest 2022](#)
- [City of Madison Engineering Division Teamwork: Homeless Services](#)

## A Combined Effort and Success!

Thank you to all who participated in the Combined Campaign Contest, especially our three winners! We raised a total of \$476.03 for Make A Wish Foundation of Wisconsin, donated in memory of Caleb Wipperfurth. Next year, Chase plans to hold a similar contest, so please start thinking about fun ideas like these. Thank you for Chris Petykowski, Kathy Cryan and Steve Danner-Rivers for being great sports with the fun contests. Chris wore a bike helmet in the office and also during a BPW meeting. Kathy worked a day in the field. Steve wore his money chain necklace!



## Equity Minute:

### Creating Healthy Culture Where People Thrive

The Engineering Division's All Hands Program show cased our hard work in 2022 and previewed how we, as a division, will move forward in 2023. We welcome the new year resolved to get our work done by building stronger relationships, being engaged in our work and having the space to make creative decisions.

One of the ways to employees can experience a deeper sense of belonging is by participating in an Affinity Group. These groups are voluntary, employee-led, and organized around social identities, marginalized groups and lived experiences.

#### What Affinity Groups does the City currently have?

- Disability Resource Group
- Latino Community Engagement Team
- LGBTQIA+ Social
- Multicultural Affairs Committee
- Women's Issues Committee

#### Who can participate?

- Permanent full time and permanent part time staff with support for participation from their direct supervisor.

#### What is the time commitment?

- Affinity Groups determine their own schedule. Most meet on a monthly basis for 60 – 90 minutes.

#### Can employees participate during work hours?

- Reasonable time from normal work duties is allowed, as long as their department's work needs and own work performance are met. Staff and their direct supervisor shall communicate about scheduling.

#### What are the benefits of Affinity Groups?

- Promote employee engagement and development
- Increase representation of social identities and marginalized groups in the work place
- Build support and sense of belonging through peer support network
- Increase cultural awareness and cultural humility

#### Questions about Affinity Groups?

Email Kristy Kumar, DCR Equity and Social Justice Division Manager, [KKumar@cityofmadison.com](mailto:KKumar@cityofmadison.com), or Anne Nowak, Human Resources Occupational Development Manager, [ANowak@cityofmadison.com](mailto:ANowak@cityofmadison.com).

## Engineering's Stephen King Earns Public Works and Land Use

### #TeamCity Award

In December, the City of Madison Mayor Satya Rhodes-Conway honored a number of City employees at an in person #TeamCity Awards event at the Monona Terrace. Engineering's Stephen King was one of the recipients.

The Mayor said the following about Stephen:

"Stephen is Facilities Services Coordinator at Engineering. In this role he deals with city owned facility maintenance issues citywide, coordinating with Forepersons to plan, create schedules for timely project completion, and ensuring coverage for

all service requests and preventative maintenance. This is challenging as the group has a large backlog of work that needs to be triaged. In the last year he has piloted a new system to improve communication and increase transparency. One of the successful projects he has managed is the Green Power solar installation program. Beyond getting the work done, he cares about the people who work under him and strives to elevate them. Stephen was nominated by Program Assistant Felix Eggl.

[Read the Mayor's full blog about the December 2022 #TeamCity Awards.](#)

## Media Roundup

### News Releases

[Name These Plows!: City Launches Naming Contest for Snow Removal Equipment](#) posted January 3, 2023

[City Updates Salt Use Ordinance for Public Sidewalks, Lots](#) posted December 15, 2022

### Engineering Division Blog

*\*No new blogs*

### Podcast Episodes

- [NEW: Use less Salt: Updates to the Madison Salt Ordinance](#)
  - Guests: Building Inspection: Matt Tucker, Engineering: Phil Gaebler
- ['Crush Farley,' 'Squashbob Trashpants,' 'Ron Squeezely,' Electric Compactor Contest Makes Recycling and Trash Fun](#)
  - Guests: Streets Division: Bryan Johnson
- [Life's Blueprint: Andy Zwiig](#)
  - Guest: Engineering: Andy Zwiig

Have an idea for an upcoming podcast? Email Hannah Mohelnitzky, [hmohelnitzky@cityofmadison.com](mailto:hmohelnitzky@cityofmadison.com)

## Honey for the Holidays

Over the past two years, Operation Fresh Start Legacy Conservation crews have been partnering with the City of Madison to build and care for several bee colonies. This holiday season, their hard work has turned into over 127 pounds of honey, delivered to Operation Fresh Start participants, the City of Madison mayor's office, and residents of a local shelter for the homeless.

When the City of Madison wanted to start a new beekeeping project on Madison's southwest side, the OFS Conservation crew was a natural choice of partner. The crew had already been providing invasive species control and native seed collection at the Nesbitt Pond site, and they were ready to take on the new task of beekeeping. "My crew, everybody had a good attitude about it," said OFS crew member Koba' Baker, "I think everybody wanted to play a part in it."

The project initially started with five starter beehives and has grown to ten large hives. By building and painting the hives themselves, the OFS crew was able to save the city money on the project.

Read the full article:

<https://www.operationfreshstart.org/honey-for-the-holidays/>

## KUDOS to our Snow Team in Operations!

Nice work to our crews during the Dec. 20, 21 Snowstorm Here's some nice feedback from a citizen about bike path snow removal on Frederick Circle:

"I want to give my appreciation to the Madison City crews that have done such a great job of keeping the snow bladed and brushed from the bike paths during the cold and windy conditions of the last week. Our house is on the Southwest Bike Path and I ride bike every day as my main mode of transportation, the prompt snow removal makes for enjoyable and safe riding conditions."

## Section Updates

Each month, Engineering Division City Engineer Jim Wolfe leads a section head meeting. Right now, Kathy Cryan is leading the meeting each month with Jim being on parental leave. 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

Communications continues to go in waves with the design and budget season. Everyone has been doing a great job letting me know what's happening in their sections and sending photos. Please continue! Our ENG Web Team has been focusing on cleaning up the website with no broken links and no misspellings! Thank you to our Admin team for helping complete

that. Now we'll move into word usage and language accessibility. The ENG Intranet Site will be launched soon, but is in the review phase. More to come later this month. Planning for Women in Construction Week 2022 is beginning, and will need to decide which city agencies will be included this year. It has grown every year. Our next podcast recording round is next week. Invites will be sent out soon. I'm working on updating our ENG Communications Plan for 2022, and creating the new one for 2023. I will send out when 2022 is complete. We're also working on updating Engineering's process on offering translation services with our virtual public information meetings.

#### **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 Braxton & Mariposa, 2110 Schlimgen ave, 5535 University Ave. Halo/Twilight & Resurfacing 2023 had a public information meeting. Plans approved at Board of Public Works were Felland Rd. The Complete Green Streets Policy was approved at the Board as well. This policy will help guide our future street, sidewalk & path designs.

#### **Facilities Management**

Bryan Cooper, Deputy City Engineer, Facilities Services and Management

- GreenPower installing LED lights at Fire Station 05 and Fire Station 12, and solar install at [Fire Station 08](#).
- Substantially completed the new Parks Offices at Olin Park. [Link to news about the move](#).
- Substantially completed the South Point Scale & Fueling project. [Link to project page](#).
- Advertising construction bid for CCB remodels (Assessor/Clerk/Treasurer/OIM/Common Council). [Link to project page](#).
- Advertising construction bid for Fairchild Building Improvements. [Link to project page](#).
- Continue design work for....[Bartillon Shelter](#), [Metro – Satellite Facility](#), [WPCRC Expansion](#), and [Streets – Waste Transfer – Public Drop Off Access and Flatwork Improvements](#)
- Continue to negotiate items related to [State Street Campus Garage Mixed Use Development](#)

#### **Operations – Sewer, Storm, Landfill**

Kathy Cryan, Deputy Division Manager, Operations

Another great year for sewer backups - only 9 in 2022! The continued low rate of sewer back ups is the result of a lot of hard work by our crews who clean, televise, and repair the City's sanitary sewers.

We also completed the initial 10 year cycle of CCTV inspection for the entire sanitary sewer system in 2-2022. With every sewer main now having a condition assessment score we can use this data to identify and prioritize reconstruction and rehab long-term.

Crews were able to complete all scheduled greenway mowing before the "blizzard" that fortunately turned out to be far less severe than forecast. The storm required us to reschedule SaltWise training to January. Work Zone Safety training is also scheduled for January. And all Ops staff will be getting OSHA 10 certified this winter.

#### **Stormwater**

Janet Schmidt, Principal Engineer, Section Manager

We are wishing Caroline Burger farewell as she will be leaving the City in early January to pursue other career opportunities. Caroline has played an integral role in our flood mitigation and watershed study program and will be missed! We hope to find a replacement for this position early in the new year.

Hawks Landing North Flood Mitigation will be kicking off construction in January, assuming the weather is favorable. This project will construct 2 new ponds north of the subdivision between Sugar Maple Lane and Red Tail Drive. This project is the last major phase of flood mitigation work that will serve the subdivision.

We are still quite busy with project work for major storm projects. This will last for several more months and we anticipate at least \$10M in construction costs for 2023-2024. Other watershed modeling efforts continue to move forward, which lay the groundwork for our budgeting for many years to come. Finally, I would like to wish a sincere note of appreciation for all the sewer section staff. Work well done in 2022, and here's to a great 2023.

#### **Sanitary Sewer**

Mark Moder, Principal Engineer, Section Manager

The 2023 construction year will include two lift stations construction project carryovers. Harper Lift Station (replacement) and Thurber lift Station (rehabilitation) were both delayed as a result of the contractors not being able to get the needed equipment in 2022. They are on track to 2023. Lift stations are a key component of collection system that we need to stay on top of for maintenance/ replacement because when they go out of service, a lot of homeowners experience backups and the impacts to the environment can be significant with sanitary sewer overflows (SSOs). Many of our lift stations are located near environmentally sensitive areas- lakes, creeks, streams. One of our larger lift stations Truax Lift Station Replacement on Anderson Road will be rebid in January with a reduction in work to hopefully receive more favorable bidding than when previously bid. With regard to the newly added sewers from the Town of Madison attachment, we are

working through strategies to rehab the sewer facilities (repairs, replacements, identifying sewers to line) in order to bring the sewer facilities up to City standards. We are planning on the three Town lift station being replaced within the next 4 years. The design for the replacement of the first Town lift station planned for replacement (Badger Lift Station) will begin in 2023. Our priority projects for January is bidding the UV- lining projects (21,000 ft of sewer to be lined) and the Truax Lift Station Replacement Project.

#### **Land Information/Official Map**

Jeff Quamme, Section Manager

- Addressing is continuing with the manual review of over 3000 non matched addresses.
- Addressing is continuing work for ultimate use in Dane County 911.
- Yearend Corporate Boundary updates. Quite a bit of work with the Town of Madison attachment.
- Continued work on several land interest acquisition projects for Engineering projects.
- Private development in the City of Madison still going strong. There is a lot under review or verification. Many real estate projects and associated addressing needs.
- Finishing of Mapping of Official Map reservations and zoning classifications for Planning around the West Towne and East Towne areas.
- 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

- State report out to WDOT
- Finalized renewals for AutoCAD and Microstation and purchase of Autodesk Construction Cloud (aka Build) enterprise licenses
- Working with Dane County and the Land Information section on getting address points finalized for E911 mapping – Test/pilot area sent
- Finalizing data conversion from Pipelogix to ITPipes
- Starting to implement Sewer AI (software that codes our CCTV)
- Starting to work with sidewalks group on getting inspections into CityWorks
- Migrating facility's work order system (FAMIS) to CityWorks
- Ongoing - Setting up CAD standards, templates and efficiency improvements.
- Migrating Facilities Management change order process to AutoDesk Build up and running by 4<sup>th</sup> quarter, and also start working with construction inspection early 2023.
- Ordering new computers capable of running CAD software
- Sanitary & Storm record updates – working on sanitary and storm backlog
- Getting warning sirens converted to GIS (another Access database bites the dust)

#### **Administration Staff**

Johanna Johnson, Heidi Fleegel, Lesley Parker

- Timesheets are due at 10 AM the Monday after the pay period. Early submissions are appreciated.
- CC resolution due dates are: 10 AM January 10th (1/17 CC)
- BPW resolution due dates are: Noon January 10th (1/18 BPW)

#### **Finance**

Steve Danner-Rivers, Financial Manager

2023 Budgets have been loaded into Munis so we are now able to do 2023 Purchase Orders. The Utility Billing software conversion went live in December. Four full cycles were billed out and compared to the previous billing system to uncover conversion issues that needed to be corrected.

Please review consulting agreements and PW contracts to make sure everything gets paid up through 12/31/22. Anything that cannot be paid needs to be communicated to Steve so that the amounts can be accrued back to 2022. Please remember to make any grant submittals for 2022 and prior in January. If submittals cannot be made yet, please communicate the amount of grant eligible expense in 2022.

#### **Construction Inspection**

John Fahrney, Principal Engineer, Section Manager

There are permits, private development projects and WISDOT projects still in progress. Inspectors are working on final quantities and as-builts. Staff is working on resurfacing and sidewalk programs for 2023. Staff is working on the Standard Specification revisions. Surveyors are working on preliminary surveys for 2023.

## **Comings & Goings**

#### **Promotions**

- Jack Brody, Engineer 3 – Sewer & Stormwater Utilities
- Brian Rothenburger, Landfill Technician - Sewer & Stormwater Utilities
- Patrick Tubbs, Hrly Professional Assistant - Private Development

#### Departures

- Christy Bachmann, Principal Engineer 1 – Public Works and Private Development
- Caroline Burger, Engineer 4 – Sewer & Stormwater Utilities
- Bethany Frandle, Hrly GreenPower Trainee - Facilities
- Matt Gall, Engineer 2 - Facilities
- Jared Mason, Hrly Engineering Assistant – Construction Inspection
- Steven Miller, Hrly Engineering Assistant – Construction Inspection
- Galen Rosseter, Hrly Engineering Assistant – Construction Inspection
- Dayenu Simon, Hrly Engineer - Public Works and Private Development
- Tysyn Wyman, Hrly Engineering Assistant – Operations

#### Interview/Offer Process

- Conservation Ecology Trainee 1 or 2 (Hrly) - Sewer & Stormwater Utilities
- Custodial Worker 1 - Facilities
- Engineer 1/2 - Public Works & Private Development
- Program Assistant 1 - Public Works and Private Development
- Stormwater Quality Engineer 4 - Sewer & Stormwater Utilities

#### Posted

- GreenPower Solar Installer Trainees (Hrly) – Facilities
- Street & Sewer Maintenance Worker 1/Machine Operator 1 (2) – Operations

#### Upcoming

- Internal Promotional Opportunities
  - Accountant Trainee - Operations
  - Comp Mapping/ GIS Coordinator – Engineering Technology
  - Engineer 4s – Sewer & Stormwater Utilities
  - GIS Specialist 1 – Engineering Technology
  - HR Analyst Trainee – Operations
  - Landscape Architect 4 – Sewer & Stormwater Utilities
  - Leadworker 1s – Operations
  - Leadworker 2 Trainee – Operations
  - Maintenance Mechanic 2 - Operations
  - Native Vegetation Supervisor – Sewer & Stormwater Utilities
  - Operator 2 – Operations
  - Principal Engineer 1 – Private Development and Public Works
- Open & Competitive
  - Architect 2 – Facilities
  - Engineering Assistant 1/2 (Hrly) – Construction Inspection
  - Maintenance Mechanic 1 or Trainee – Facilities
  - Madison Infrastructure Training – Engineering (MI-TE) Program Trainees (Hrly) – Operations
  - Stormwater Modeling Engineer 3 – Sewer & Stormwater Utilities

#### Our Madison – Inclusive, Innovative & Thriving

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