

## **A message from the City Engineer:**

Around the end of April, Engineering submitted our Capital Budget request. This request includes our budget for next year's projects, along with anticipated budgets looking out to 2029. This is very important as we plan and prioritize our work for the coming years. There will certainly be further discussions and adjustments as we go through the budget approval process, but it took an incredible amount of work and effort from so many of our staff to get to this point. I would especially like to thank Chase O'Brien for coordinating and leading this effort for Engineering, and also Sarah Lerner, Janet Schmidt, Mark Moder, Greg Fries, Chris Petykowski, Steve Sonntag, Bryan Cooper, Stephen King, Jon Evans, Amy Scanlon, Jack Brody, and Kathy Cryan for all of their hours of work in preparing the necessary documents and estimates for our capital budget request.

-Jim



## **JND Planning with White House**

City Engineering in partnership with City of Madison Mayor's Office, Governor Tony Evers' Office, Department of Administration Secretary-Designee Kathy Blumenfeld's office and Congressman Pocan's office worked together with the White House team to pull off a press event for the announcement of federal funding for John Nolen Drive.

The City of Madison is the recipient of a \$15 million federal grant to put toward John Nolen Drive Bridge Reconstruction, a generational project with historic funding from the Bipartisan Infrastructure Law.

Senior Advisor to the President and White House Infrastructure Coordinator Mitch Landrieu made the announcement during a press conference in Madison, Wis., April 14, 2023, at Olin Park.

[Watch the full press conference on the City's website.](#)



## Equity Minute:

### Building Meaningful Public Participation Opportunities

Our work in the Engineering Division touches the community in so many ways. From streets and paths, stormwater, sanitary sewer, to public buildings, the projects and activities we do support the infrastructure of today while growing Madison for tomorrow.

This also means construction impacts to everyday life. How we share project information and invite community members to engage is crucial to building an equitable and inclusive Madison.

Tools frequently used by Engineering to communicate about projects include postcards, letters, web sites, podcasts, social media, public meetings, virtual meetings, surveys, on-site walking tours, and study groups, such as the Watershed study groups.

Are these tools meeting the informational needs of communities of color and other marginalized communities? Do they remove or put up unintended barriers such as location, time of day, access, language, transportation, childcare, or technological barriers? How can Engineering and the City continue to do better to uphold the vision of Madison as an Inclusive, Innovating and Thriving community?

To learn more about resources and tools to create an inclusive participation strategy, check out the Racial Equity Social Justice Initiative's Public Participation Guide.

Organizational Development offers training related to the Public Participation Guide, highlighting best practices and lessons learned. Watch for training opportunities throughout the year in your email, or on the quarterly calendar prepared by Organizational Development.

## **City Engineering Earns State Award for Garver Path Project**

Congratulations to our teams in the Streets and Paths Design section for earning a state finalist award for its work on Garver Path. Public Works and Private Development Deputy City Engineer Chris Petykowski accepted the award at the American Council of Engineering Companies Honors Ceremony in April with KL Engineering's Aaron Steger and Samantha Herheim.





## **Participate in the City's Compensation Study Input Session**

The City is beginning a compensation study to review current pay and salaries to similar organizations. The goal is to propose equitable salary ranges and ensure pay practices that can attract, engage and retain employees. A listening session will be held on May 3 from 1-2 pm via Zoom.

Learn more about the study or sign up for the Input Session on [Human Resources webpage](#).

## **First Plant of the Week: Dutchman's Breeches**



Each week, we'll post a blog and on our Engineering Facebook page our plant's of the week. Sign up for the blog so you don't miss the next one!

## **Open to all Engineering Employees: Group Planting Event**

Get your muck boots on and come spend a couple hours planting the newly constructed bioretention basin at South Point Facility. Over 9,000 native plant plugs will be installed on this site. We would love if you would come help. Two-hour time slots are open for sign-up on Wednesday, May 3 and Friday, May 5. Look for the sign-up sheets either at room 115 of the City County Building or at Emil Street Facility. This planting event will be open to all Engineering employees – just make sure you discuss with your supervisors before signing up. Wondering about why we chose certain plants over others? [Check out why we integrate native habitat into stormwater land.](#)



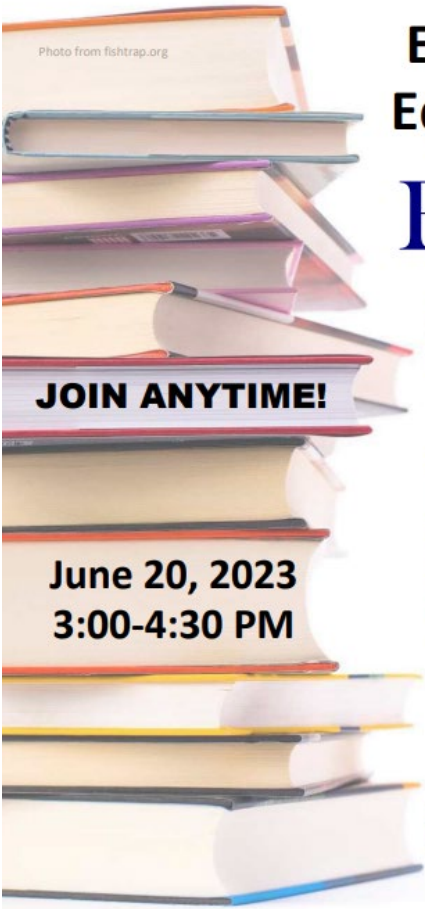
## Engineering RESJ Team: Announces First Book Club Pick

The Engineering Racial Equity and Social Justice (RESJ) Education Team is excited to announce the book club's first pick, *Born a Crime: Stories from a South African Childhood* by Trevor Noah.

This book club is open to all staff interested in learn more about RESJ topics and discussing with your peers.

The Engineering Equity Team Book Club will meet 3-4:30 p.m., June 20, 2023.

Ready to get reading? Email Amy Scanlon, [ascanlon@cityofmadison.com](mailto:ascanlon@cityofmadison.com) , or stop by her desk in CCB-118 (Amy's desk is located "behind the filing cabinets").



Engineering  
Equity Team  
**BOOK  
CLUB**

**JOIN ANYTIME!**

**June 20, 2023  
3:00-4:30 PM**

CURRENTLY READING

**Born a Crime:  
Stories from a  
South African  
Childhood**

Trevor Noah

Please contact  
[ascanlon@cityofmadison.com](mailto:ascanlon@cityofmadison.com)  
or check the E! Newsletter for  
more information.

**April Media Roundup**







[Check out this special video](#) just released by Madison Public Market Foundation focusing on what different community members are excited to see in the Public Market.

## **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 [Engineering Policies and Agreements page](#). Deputy City Engineer –Sewer & Stormwater Greg Fries helped compile all the policies and agreements into one page, easier for you! Bookmark this page, and please know the most up to date policy is on this page for the division. If it needs to be updated, please email [ENGWeb@cityofmadison.com](mailto:ENGWeb@cityofmadison.com)

### **BOOKMARK GEAR TODAY:**

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



## News Releases

- [Mow Two Times this Low Mow May 2023](#) *posted May 2, 2023*
- [Walter Street to Close Starting May 1](#) *posted April 28, 2023*
- [Upcoming Changes to E. Washington Avenue](#) *posted April 28, 2023*
- [Get Involved: City's First Purpose-Built Shelter Engagement Process Kicks Off](#) *posted April 27, 2023*
- [Open House for Upcoming Plans in West Area](#) *posted April 27, 2023*
- [Jornada Abierta para los Proyectos y Planes Futuros en el Área Oeste](#) *posted April 24, 2023*
- [White House Boosts John Nolen Drive Bridge Reconstruction with \\$15M Funding](#) *posted April 14, 2023*
- [Westbound E. Washington Avenue to be 1 Lane Starting April 13](#) *posted April 7, 2023*

## Engineering Division Blog

No new blogs. Have a blog idea? Email Hannah at [hmohelnitzky@cityofmadison.com](mailto:hmohelnitzky@cityofmadison.com).

## Podcast: Everyday Engineering

### Orange Barrels: Pleasant View Road and Atwood Avenue

Listen: [Madison's Everyday Engineering](#)

Two major reconstruction projects are underway in 2023 in the City of Madison: Pleasant View Road and Atwood Avenue. Pleasant View Road is on the City's west side, and Atwood Avenue is on the City's east side. Both projects impact our community in multiple ways. Atwood is known for its vibrant connection to the east side of the City, and known for being bike-friendly and a path that plays host to a true "Madison" experience. The experience will look different with construction underway-- in hopes of a better and safer experience when finished. City of Madison Engineering Division Public Information Officer Hannah Mohelnitzky hosts **City of Madison Engineering Division**

**Principal Engineer Andy Zwiag** to talk about how these two projects will impact the communities, and what goes into projects that inevitably disrupt the community short-term for better paths in the long term.

## It's Brine Time!

Listen: [Madison's Everyday Engineering](#)

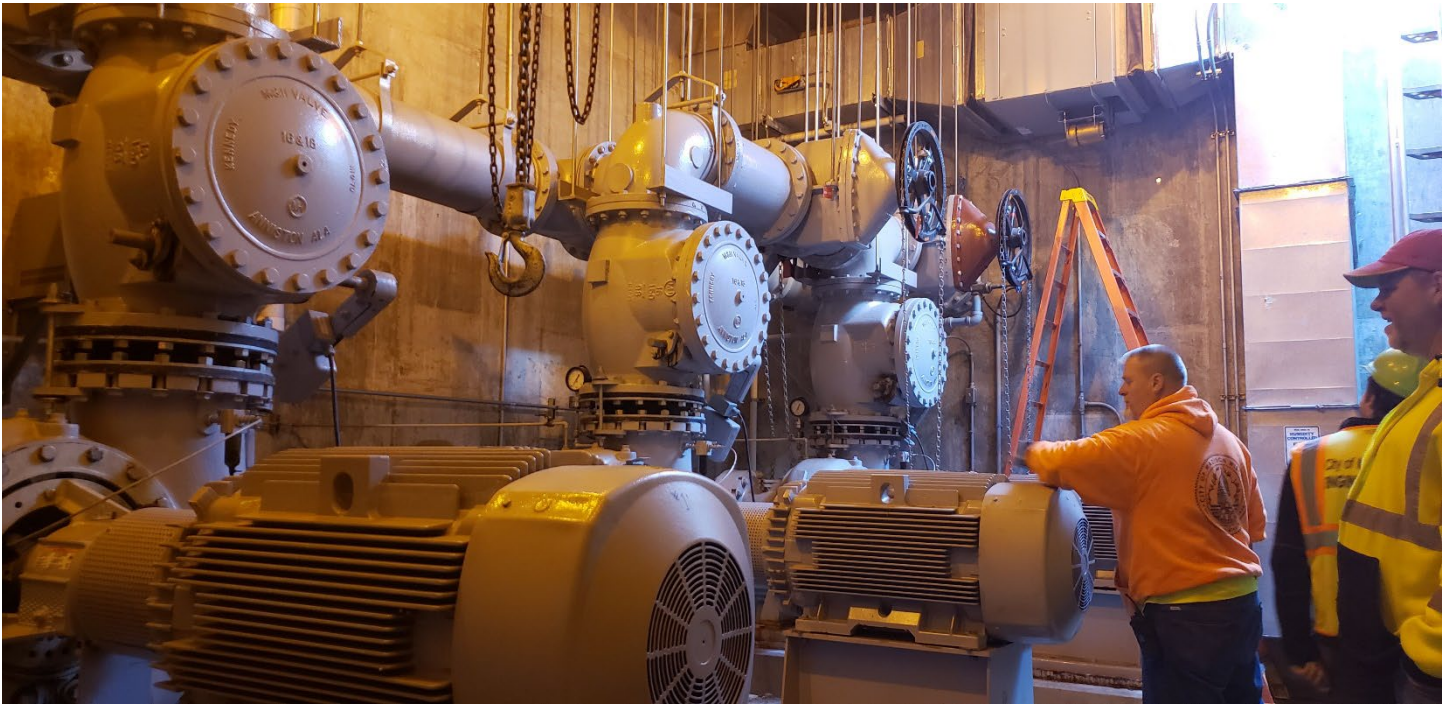
A snowy mess moves into our area, and we look directly to our City of Madison snow professionals--- why? Because the snowy system impacts everything we have planned that day, our family's plan, our work plan, children's plans, school and any other extra activities. Snow removal is so important, and that process includes brine! However, brine can't be used every snow system. City of Madison Engineering Division Public Information Officer Hannah Mohelnitzky hosts **City of Madison Streets Division Assistant Superintendent**



Roger Kleist and City of Madison Engineering Division Water Resource Engineer Phil Gaebler to talk about when the right time is to brine.

## Operations Cleans Park Street Lift Station

The Park Street Lift Station is now clean thanks to Engineering Landfill Technicians Lenny Ahlen and Brian Rothenburg and Vactor crew members Garrett Nelson and Charlie Englert. The lift station collects stormwater at a low spot of Park Street and pumps it up in elevation so that it can gravity drain to the lakes. The pumps and motors for this are located approximately 15' underground in a "batcave" type enclosure located at the corner of Park and Spring St.



# 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*

Media is ramping up with the construction season, and all sections are firing on all cylinders! Updates to the web have grown tremendously, so thank you to everyone with your patience. To help streamline this process, please send all web updates with specific web links to where you want things updated, and title of your page, and the information you want on it to [ENGWeb@cityofmadison.com](mailto:ENGWeb@cityofmadison.com).

April was very busy with media, I was the point person for coordinating between all the offices, including the White House, for the press event. It went well, and we should be proud of the work our division is doing, it's getting noticed in the highest office of the United States of America. I'm currently working on pitching a regular rain garden segment for Channel 3, highlighting fun angles to get people into the ground. More on that to come. We're also pecking away at the Public Participation Guide to help our projects move forward through a consistent framework. Thank you to the Equity team for helping move this along.

Bid Talks will launch this month, a first kind of meeting to try to get more interest in our Facilities projects from the bidding perspective. These will be informal virtual meetings that will hopefully provide more information on the front end to give contractors and estimators more of an idea of what to expect from the project.

I'm also excited to announce that Alli Kohlstedt will be our 2023 AASPIRE PIO Intern for the summer! She will be joining me in the office and virtually, while helping us write Waterways 2024, and so many other things. I look forward to getting her on board at the end of the month.

## 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 Dempsey/Davies, Acacia Ridge Phase 8, Paragon Phase 2, Southern Addition to Birchwood Point Phase 6, 832 Regent Street, Eagle Trace Phase 5, Wilson/Broom/Henry Street. Plans approved at Board of Public Works were Harvey/Schmitt. The Transportation Improvement Program was presented to the Transportation Commission for input. 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 work underway.
- Demolition and construction underway at [Streets West Badger Salt Barn](#).

- 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 [Village on Park Improvements](#).
- 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*

April was a busy month with many sure signs of spring. Crews installed the Wingra Dam stop log and stocked public sand bag sites for the season. The Willow Creek “bathtub” was cleaned along with 77% of the storm structures scheduled for this spring. The Willow Creek material is dewatering at MMSD’s drying bed. Zak will shoot this week to let us know how many CY of material were removed.

Madison Fire requested Ops assistance at the 3-alarm S Park St fire. A special thanks to Wayne Brown, Alonzo Elvord, Charlie Englert, Garrett Nelson, Roger O’Leary, and Ben Wenninger for responding to this event and mitigating the impact of run-off to Wingra Creek.

We’re on track with our monthly PM sewer cleaning and also have 40% of our annual AC’s completed. So far this year we’ve had 7 sewer main back ups. And we’re nearing the finish line with the ITpipes implementation. As soon as the vendor completes the remaining deliverables we will be scheduled training for engineers. We’re also in the process of acquiring new software to manage locate requests from Diggers Hotline. A Team consisting of representatives from Engineering, Parks, TE, and Water unanimously selected Boss 811 to replace TelDig.

Construction crews have been busy with various sanitary and storm repairs. They also completed demo of the Webb Ave house. MI-TE Trainees are onboard and have started training. Ahead of their arrival the MI-TE team leaders installed a number of bus pads for the BRT project. Zak and TJ are busy with lining contracts and pond depth surveys along with as-built and special request surveys. Thanks to everyone for all their work!

## **Stormwater**

*Janet Schmidt, Principal Engineer, Section Manager*

In April, we welcomed Ryan Stenjem to our team as our new water resource engineer! He will be eventually overseeing the watershed study program for the stormwater group. April had also been busy we finished a lot of plans and are gearing up for construction projects to kick off. Maddie and Emily have been busy organizing a large scale rain garden planting at the South Point Facility. Thank you Emily for all the great planning and for both to make this come to fruition. We hope folks are able to spend a few hours in the sun helping to plant the garden. For projects still under design... we still hope to bid Mendota Grassman Greenway but due to permitting delays that construction will not begin until 2024. Wexford pond dredging will also be bid in the next several weeks for a fall construction. We are doing our very first reptile and amphibian relocation project for Wexford Pond to help relocate turtles, frogs, salamanders and other critters ahead of their hibernation and before we come in and dredge the pond. Hawks Landing North Pond is well underway, East Towne pond is currently under construction and Lower Badger Mill Creek Pond will be starting shortly.

## **Sanitary Sewer**

*Mark Moder, Principal Engineer, Section Manager*

The sewer design work load is pretty busy with street projects going out to bid or under construction. Staff are working extra hours to get projects out to bid on time and as always, it continues to be greatly appreciated. The Lift Stations: The Truax Lift Station Replacement Project was just received in late April and we are recommending to award. The 2 lift stations construction project carryover projects are Harper Lift Station (replacement) and Thurber lift Station (rehabilitation). The Harper project is well underway. Thurber is being held up by an electrical equipment issue. We will have 1 more UV lining project scheduled for bid in July. Despite the resin prices increase (40% in 2023), it continues to be far more economical to upgrade sewers than open cut replacement. Private development work (lot redevelopment and plat work) is steady with sewer design staff continue to stay on schedule for sewer extension permitting. Finally, Todd Chojnowski will be headed out to the field for 3 months to help out with construction. Eric Cefalu will be heading out in August.

## **Land Information/Official Map**

*Jeff Quamme, Section Manager*

- Continued assistance with the of BRT Transportation Project acquisitions along Mineral Point Rd.
- Continued with Dane County on partial road vacation within the Alliant Energy Center and other sites.
- 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.
- Parcel mapping procedure documentation.
- 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*

- Finished transitioning all CAD users to new licensing setup – thanks for your patience as we work through Autodesk's new convoluted licensing formats
- 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 – Vendor picked, gathering info to make sure it meets all our needs
- Finalizing data conversion from Pipelogix to ITPipes – in home stretch
- Implementing Sewer AI (software that codes our CCTV)
- Migrating facility's work order system (FAMIS) to CityWorks – working on exporting data from FAMIS to get into CW
- Ongoing - Setting up CAD standards, templates and efficiency improvements.
- Migrating Facilities Management construction administration system to Autodesk Construction Cloud. Planning on a pilot project in Q2
- Start work with Construction Inspection to configure Autodesk Construction Cloud 2023

- Sanitary & Storm record updates – working on sanitary and storm backlog
- Set up MITE (in-house Sidewalk construction) program in Cityworks

## **Administration Staff**

*Johanna Johnson, Heidi Fleegel, Lesley Parker*

- CC resolution due dates are END OF DAY on: May 9 (5/16 CC), May 30 (6/6 CC)
- BPW resolution due dates are noon on: May 10 (5/17 BPW), May 31 (6/7 BPW)
- 5/29 is a holiday, so make sure your timesheets are submitted before then. Use Holiday pay code.

## **Finance**

*Steve Danner-Rivers, Financial Manager*

The Finance Section has finished closing out 2022 and has made it through the external audit with no audit findings. The 2024 Capital Budget was submitted on 4/21. Thanks to everyone for all their efforts in getting this completed. The Operating Budget kicks off on June 20<sup>th</sup>. The transition to recording staff time in Kronos rather than Sharepoint for downtown staff is still progressing, with an updated go-live date of 6/11.

## **Construction Inspection**

*John Fahrney, Principal Engineer, Section Manager*

There are permits, private development projects, PW and WISDOT projects in progress. Surveyors are working on preliminary surveys for 2023. Interviews for construction inspector.

## **Comings & Goings**

- New Hires
  - Ahmed Alzirjawi, Engineering Assistant 2 – Construction Inspection
  - Gerrit Brinkman, Engineerin Assistant 1 – Construction Inspection
  - Justin Christopherson-Sommerfeldt, Engineering Field Aide – Construction Inspection
  - Eleanor Dutton, GreenPower Trainee- Facilities
  - Eric Estock, Engineering Assistant 2 – Construction Inspection
  - Nashalay Gutierrez, Engineer 1 – Public Works & Private Development
  - Grecia Inzquierdo, Engineer 1 – Public Works & Private Development
  - Samuel Jacobus, MI-TE Program Trainee – Operations
  - Alli Kohlstedt, AASPIRE PIO Intern—Division Communications
  - Jared Mason, Engineering Assistant 2 – Construction Inspection
  - Steven Miller, Engineering Field Aide 2 – Construction Inspection
  - Kian Robelia, Engineering Field Aide – Public Works & Private Development
  - Galen Rosseter, Engineering Assistant 1 – Construction Inspection
  - Levi Sanders, MI-TE Program Trainee – Operations
- Departures
  - Nikki Blum, Program Assistant – Operations
  - Jodelle McBee, Custodial Worker 2 – Facilities (retiring in July)
  - Victoria Ramirez, Street & Sewer Machine Operator 1 – Operations
- Interview/Offer Process
  - Architectural Associate 2- Facilities
  - Construction Inspector 1 – Construction Inspection
  - GIS Specialist Trainee - Public Works and Private Development
- Posted

- HVAC/R Technician or HVAC/R Technician Trainee Upcoming postings
  - Accountant Trainee – Operations/Finance
  - CCTV Technician – Operations
  - Custodial Worker 1 – Facilities
  - HR Analyst Trainee - Operations
  - Leadworker 2 Trainee- Operations
  - Street & Sewer Machine Operator 2 - Operations