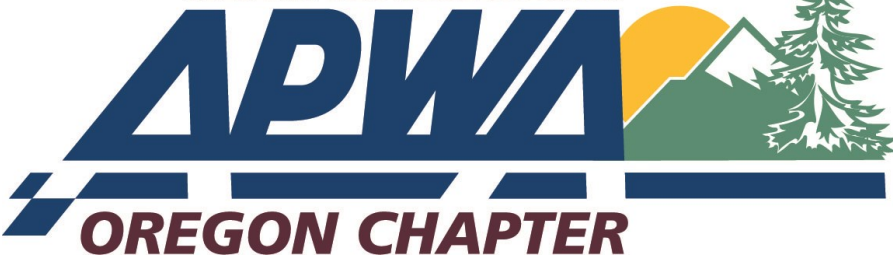


AMERICAN PUBLIC WORKS ASSOCIATION



Volume 59, No. 1

Q1 2023

May 2-5, 2023 | Riverhouse on the Deschutes | Bend, Oregon

APWA

Oregon Spring Chapter Conference

A River Runs Through It



APWA OREGON
MENTORSHIP



JOIN AS A MENTEE OR MENTOR!

Oregon APWA Listings



Looking to fill a position?

Look at what Oregon APWA offers.

- Free listings for public works jobs in the Pacific Northwest.
- Wide range of positions in the public and private sectors.

More information [online](#) or email oregonapwa@gmail.com

Issue Highlights

2023 Chapter Board

Special Honors to Chapter Member:
Ken Stoneman

Technologies Applied in Oregon

Water Quality Trading in Oregon



President's Message

By Ashley Cantlon, Otak

Greetings, APWA Oregon Chapter!

I'd like to start off by saying that I'm truly honored to step into the chapter president role this year. It is intimidating and exciting, and I will do my very best to learn from and follow the lead of previous presidents who have paved the way. This adventure might be daunting if it weren't for our amazing Board members who comprise one of the most motivated and enthusiastic groups of people I've had the privilege of working with.

THANK YOU APWA Oregon Chapter Board!

Chapter Highlights

2023 Strategic Plan

In addition to continuing progress toward our goals surrounding professional development, outreach, advocacy, and chapter programs, I would like to focus on two primary areas for growth this year: committee engagement and mentorship.

We have been reaching out to our committee chairs with the intent to provide support and encouragement to re-engage committee participants and chapter members. **Please consider joining a committee!** They are a great way to enjoy ongoing benefits of our chapter throughout the year. You will find committees on our website – feel free to reach out to our invaluable Committee Chairs to find out more: [link](#)

As part of the Leadership and Management Committee's (L&M) mission, a mentorship program is now being offered to all of our members! We came to realize that there is great potential to be found in the depth and breadth of knowledge and experience in our organization. With this in mind, the L&M ventured to create an outlet through which our members can both mentor and find mentorship! The initial rollout of this program is off to a great start, as the committee was able to match four mentees with mentors. If you are interested in participating in this program, it is open to *everyone* in our organization across all divisions within Public Works. Follow this link for more information: [link](#)

Chapter Board Updates

We have the privilege of welcoming our newest chapter Board member, Leslie Finnigan! Leslie comes to us from Universal Field Services, and has been an active member of the organization, most recently as our Membership Committee Chair. We look forward to working with her over the coming years.

Continued on the next page...

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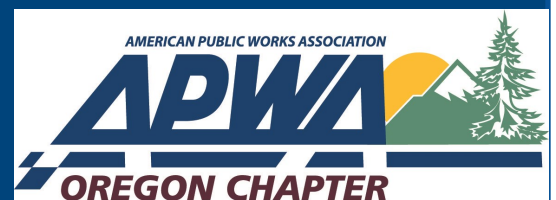
[Technologies Applied in Oregon](#)

[Water Quality Trading in Oregon](#)

[Scholastic Foundation News](#)



Go directly to an article by clicking the titles above.



Foundation Board Updates

For those of you who aren't aware of how all of those Gizmo donations end up in the hands of students, there's a Board for that! The Scholastic Foundation Board is managed by a stellar group of chapter members, led by their fearless president Gary Stockhoff of Benton County. The Foundation Board spends the year promoting the foundation, gathering and reviewing scholarship applications, and selecting recipients all over Oregon. Thank you to the Foundation Board for all of your hard work and dedication to distributing these scholarships to our next generation of Public Works Professionals!

For the latest updates on the Foundation, check out the Scholastic Foundation News on page 12

Thank you for your continued support for the chapter – we would not be where we are if it weren't for your ongoing participation in our committees and events, and the hard work and energy of our volunteers. I look forward to the year ahead of us and what opportunities will unfold to strengthen our ability to connect with one another and provide ongoing education in our community.



INTERESTED IN RECEIVING LEADERSHIP FROM OR PROVIDING LEADERSHIP TO ONE OF YOUR FELLOW APWA MEMBERS?

JOIN AS A MENTEE OR MENTOR!

The program involves a one-on-one style mentorship pairing that will help mentees establish goals and optionally prepare a career development plan.

Topics being discussed...

- Goal setting
- Formulating and implementing policy
- Leading an organization or team
- Communicating using effective strategies
- Building relationships and partnerships
- Networking with peers
- Managing and investing in staff
- Managing information
- Engaging in crucial conversations
- Navigating career growth



Interested in learning more?

Use this QR code.

The 2023 Board

With the start of a new year, we welcome a new Chapter Board, including some new faces and some returning ones.

2023 OFFICERS



President

Ashley Cantlon

Water Resources Engineer
Otak, Inc.



President-Elect

Tim Blackwood

President/Principal Engineer
Pali Consulting



Secretary

Doug Singer

Principal Civil Engineer
City of Eugene



Treasurer

Shannon Williams

Senior Project Manager
Keller Associates, Inc.



Chapter Delegate

Dan Boss

Retired



Immediate Past President

John Lewis

Public Works Director
City of Oregon City



Position #1

Chase Welborn

Civil Engineer
3J Consulting



Position #2

Russ Norton

Senior Engineer
Quincy Engineering



Position #3

Mike Willret

Director of Public Works
City of Klamath Falls



Position #4

Krey Younger

Senior Associate Engineer
NV5



Position #5

Lieden Cook

Information Technician
City of Pendleton



Position #6

Leslie Finnigan

Western Regional Manager
Universal Field Services
NEW TO BOARD

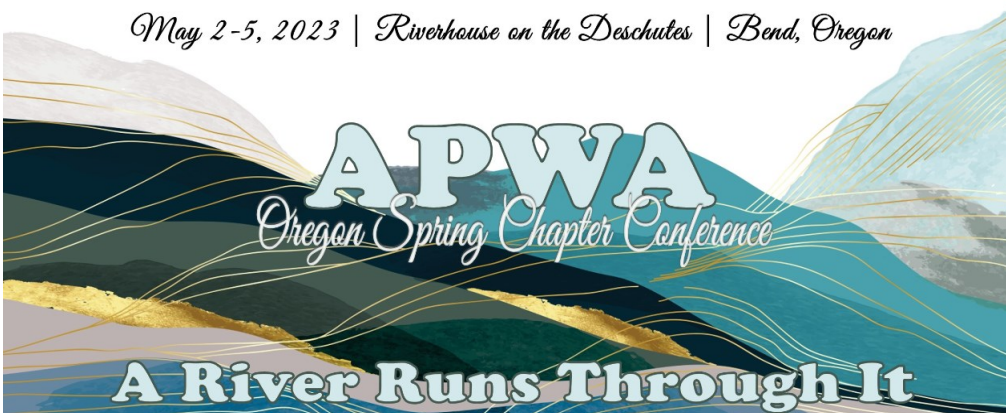
2023 DIRECTORS



Mark Your Calendar!

We are thrilled to continue offering in person events this year, a number of which are coming up in the next couple of months. Please visit our website for information on registration, sponsorship, and more! <http://oregon.apwa.net/>

May 2-5, 2023 | Riverhouse on the Deschutes | Bend, Oregon



Save the Date

ASCE EWRG 2023
Sustainable Stormwater
Symposium

September 20-21, 2023

<http://www.stormwatersymposium.org/>

Keep an eye out for more information on our pre-conference workshop by ODOT, which will focus on providing a better understanding of federal transportation funding requirements and project delivery options for IJA funds.

Save the Date

Green Transportation Summit and Expo

August 22-24, 2023, Tacoma



It's not too early to start thinking about your award nominations!

It is time to start thinking about awards to recognize our often undercelebrated projects and people. APWA Oregon wants to hear about the amazing public works projects that were substantially completed within the last two years, the outstanding young leaders in our community, any effective sustainability practices being implemented, our Everyday Heroes, and who is excelling at communications in the Oregon Chapter. Submit your award nomination form and supporting information, including pictures.

Awards Nominations

Due Tuesday, August 15, 2023

Questions? Email Jennifer Garbely at Garbelyj@milwaukieoregon.gov

Guidelines & Nomination Forms: [Award Applications](#) | For Inspiration: [Previous Years' Winners](#)

Stoneman Honored

50-Year Career of Service to Public Works Profession

Ken Stoneman recently has received two prestigious honors from the Oregon Chapter of the American Public Works Association. Stoneman, who brings nearly 50 years of service to the public works industry, has been nominated by the Oregon Chapter as a candidate for APWA National's 2023 Top 10 Public Works Leaders Award. And at the Fall Conference in Pendleton, Stoneman received the 2022 William A. Bowes Award, the Chapter's highest award.

"It is apparent that he genuinely cares about the success of our chapter" - Chapter President Ashley Cantlon

The Top 10 nomination, submitted to National in late February, offers numerous examples of Stoneman's commitment to the public works industry and his service to the profession and the Chapter. In her letter of support, Oregon Chapter President Ashley Cantlon cites Stoneman's leadership as exemplified by his role in transforming Oregon DOT's standard specifications into a document that could be used on local agency projects.

In the area of expertise, Cantlon noted Stoneman's 30 years of ODOT experience, including the development of an ODOT Quality Assurance program for construction as well as implementation of a field-testing technician training and certification program.

Cantlon also credited Stoneman's commitment to the Chapter. "He is a well-known face at conferences and it is

apparent that he genuinely cares about the success of our chapter."

Last October, Stoneman received the Chapter's Bowes Award. Since its inception in 1978 the Bowes Award has been awarded to a distinguished Oregon public works professional to recognize that individual's far-reaching positive impact on public works programs, services or policies.

Stoneman started his career with an associate's degree in civil engineering at Blue Mountain Community College and received his bachelor's degree in civil engineering from OIT. He is a registered professional Civil Engineer and professional Land Surveyor. His professional affiliations include APWA, ASCE, AASHTO and ACEC. He has 49 years in the industry, and he says he retired once after 30 years of public sector service, and is working on retiring again after nearly 20 years in the private sector.

Since 2003 Stoneman has been at David Evans and Associates. He served as Director of Construction Engineering Services and Senior Project Manager. Stoneman started the construction group at DEA in Oregon and helped grow it from 1 to 50 people currently. The group provides construction oversight on public projects, and Stoneman was often the quality manager on large design-build projects.

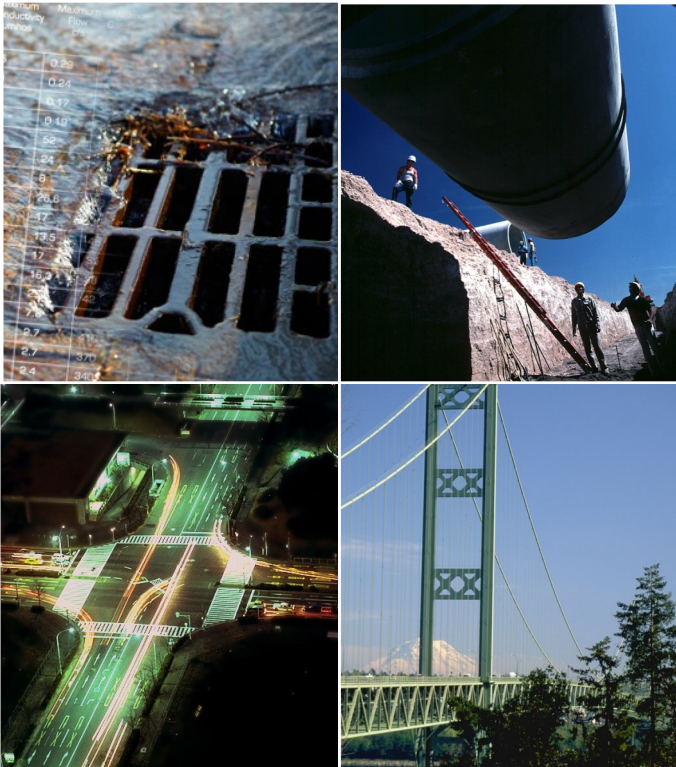
Stoneman has been a member of APWA since 1999. His service to the chapter includes many years on the Transportation Committee, including



serving as the committee chair. He served as a director of the chapter's executive committee and as a director on the Oregon APWA Scholastic Foundation. While an APWA board member and the ODOT Construction Section Manager, Stoneman led the effort in 2002 to transform the ODOT standard specs into a document that could be used on local agency projects. This was a significant step forward in the industry that continues to be in use 20 years later, and Stoneman's ability to "work across the aisle" was a key to success.

"What makes Ken special? One word: integrity. He cares about people, projects, and he always strives to do the right thing" - Ed Chamberland, Senior Associate at David Evans and Associates

The 2023 Top 10 finalists will be announced by National APWA later this spring. View Stoneman's nomination [application online](#).



New Members

Please welcome the new members who have recently joined Oregon Chapter APWA.

Nicole Baldwin, Administrative Specialist, Tillamook County OR, nbaldwin@co.tillamook.or.us

Jason Chamberlain, Sales Representative, SealMaster Portland, jason@sealmasterportland.com

Stephen Cruise, Project Manager, Washington County, stephen_cruise@washingtoncountyor.gov

Matt Faulkner, Owner-principal, S&F Land Services, matt.faulkner@sflands.com

Paul Gordon, Natural Systems Specialist II, City of Eugene, pgordon@eugene-or.gov

Leslie Hudson, Administrative Manager & Marketing Coordinator, Foundation Engineering Inc, ldh@foundationengr.com

Sean Kovensky, Civil Engineer II, City of Eugene, skovensky@eugene-or.gov

Josh Kowalski, Production Manager/ Remote Sensing Surveyor, S&F Land Services, josh.kowalski@sflands.com

Richard Ludlow, Asset Management Specialist, City of Oregon City, rludlow@orcity.org

Christina McDaniel-Wilson, State Traffic Safety Engineer, Oregon DOT, Christina.A.McDaniel-Wilson@odot.oregon.gov

Elisabeth O'keefe, Stormwater Program Manager, City of Bend, eokeefe@bendoregon.gov

Silas Shields, silasshields7@gmail.com

Craig Smith, Water Superintendent, City of Lake Oswego, csmith@ci.oswego.or.us

Shelly Stichter, Street Superintendent, City of Grants Pass, [sstichter@grantspassoregon.gov](mailto:ssstichter@grantspassoregon.gov)

Chad Stichter, Engineering Tech, City of Grants Pass, cstichter@grantspassoregon.gov

Richard Stiles, Transportation Asset Specialist, Oregon DOT, richard.stiles@odot.oregon.gov

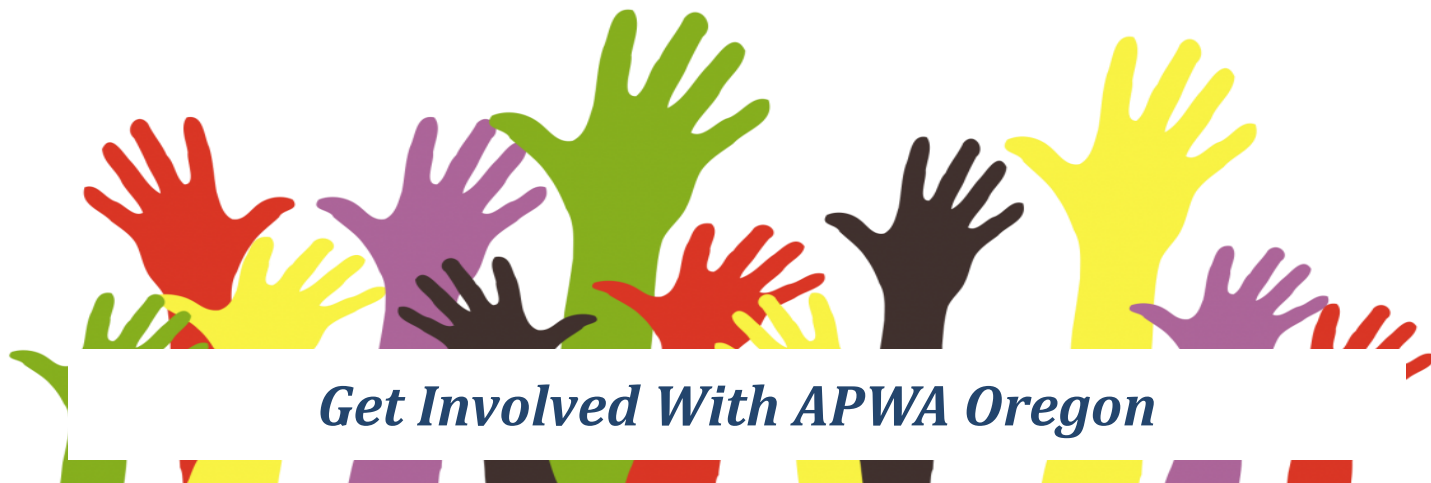
Nick Stroberger, Project Manager, Washington County OR, Nick_Stroberger@washingtoncountyor.gov

Tyler Townsend, Surface Water Crew Leader, City of Lake Oswego, ttownsend@ci.oswego.or.us

Sarah Wilson, City of Newberg, Oregon, sarah.wilson@newbergoregon.gov

BENEFITS OF MEMBERSHIP

Membership in APWA offers a wealth of benefits, including professional certifications, state and national conferences, the APWA Reporter magazine, an extensive members' library, regional and national job listings, and much more. For additional information, email Oregon APWA Membership Chair Leslie Finnigan at lfinnigan@ufsrw.com.



The Oregon Chapter is an association of more than 800 professional engineers, technicians, operations staff, public works directors, business people, contractors, consultants and many others who join together to exchange ideas and information, promote education and training, and work as a team to meet professional and community needs.

The Chapter is run almost entirely by volunteers. To keep doing the great things our chapter does — events/ luncheons, newsletters, announcements, contributing to specifications standards, etc. — volunteers work together to plan and execute.

Ways to Get Involved

Step 1. Become an APWA member. More information on becoming a member is on the [Chapter website](#).

Step 2. Find the right spot to plug in. What's your passion? What's your level of availability? There's a spot for you! Here are some options:

Join a Committee! Check out Committee Central webpage ([link](#)) to see all the Chapter's committees. Contact the Chair to get plugged in.

Street Maintenance & Collection Systems Schools need you!

APWA Oregon Chapter offers Street Maintenance & Collection Systems Schools twice a year; one in the spring and one in the fall. The spring school includes an Equipment ROADeo. Our "School Committee" strives to put together a technical program that offers a minimum of 2.0 CEUs for full attendance at each of the schools. These schools utilize a 20- to 25-member committee for all three disciplines that help in recruiting appropriate speakers and topics for the schools. ODOT T2 is a huge support for these schools and offers Roads Scholars programs for one of the tracks.

We currently have some committee member spots to fill; specifically for the "streets" and "safety" committee. If you are interested or know someone who would be a great asset for us, consider sending them our way! If you need additional information, please email Maggie Vohs, APWA Events Director, at cameomag@gmail.com.

Know someone who would exceptionally serve the Chapter? Nominate them for the Chapter Board. Contact Tony Roos, former Chapter President, for more details (troos@kittelson.com).

Have more questions?

Contact Leslie Finnigan (lfinnigan@ufsrw.com) to find out more about joining APWA and getting involved.

Follow Us On Social Media

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Technologies Applied in Oregon



Andrew Sheehan
Chair, Oregon APWA
Technology Committee

APWA's Top 5 Technologies for 2023

- Geographic Information Systems (GIS)
- Asset Management Technologies
- Technology for Field Crews
- Drones/UAS Technology
- Electric Vehicles (EV)

We live in an exciting time of technological development, and public works organizations all over the country are adopting new technologies to improve efficiency, track and share information and provide a higher standard of services to citizens. Every year the American Public Works Association votes on the top five trending technologies in public works. In an effort to highlight these advancements and to bring the context of these top-trending technologies closer to home, members of the Oregon APWA Technology Committee were asked to share the ways their respective agencies are implementing these cutting-edge technologies in their own operations right here in Oregon.

City of Eugene

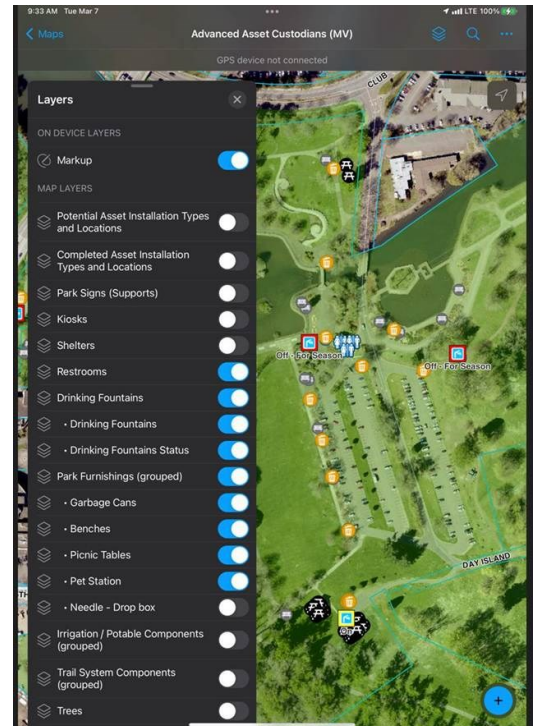
Eric Cariaga, ArcGIS Online Administrator/GIS Analyst

Eugene is working towards an ESRI enterprise licensing agreement (EA) and hopes to have that in place within the next 18 months. Although Eugene Public Works (and a few other departments at the City of Eugene) have been capitalizing on the efficiencies gained from the use of GIS, an EA would expand the use of GIS to the entire organization. This is a critical step in empowering City employees, creating a more efficient organization and better serving our community.

The City uses ESRI ArcGIS for asset management. Crews (“advanced asset custodians”) are updating assets in the field from their mobile devices using ESRI’s Field Maps with custom-built web maps and applications. Spatial-located work orders track work performed on assets using both Field Maps and GIS web applications. Reports are generated from custom GIS dashboards and web applications.

Field Maps, Microsoft 365 and Microsoft Teams are all utilized by field staff to give them access to the tools they need to make better decisions and stay informed by being able to communicate in near real time while in the field. The use of mobile technology has significantly reduced staff time to research information such as property ownership, right-of-way width, street and park maintenance responsibility and much more. All Public Works field staff are provided mobile devices which they use daily. Our field staff would be severely hampered in performing their job responsibilities if they were without their mobile devices.

Eugene has a number of certified drone pilots and has developed a citywide policy for drone use and deployment. Recently drones were used to provide situational awareness during a significant snow storm that left several Public Works vehicles stranded.



Eugene’s “advanced asset custodians” update assets in the field from their mobile devices using ESRI’s Field Maps with custom-built web maps and applications

Continued on next page

Technologies Continued

The City of Eugene has over 30 electric vehicles and pieces of equipment and is working to expand its EV fleet. Using low carbon emission vehicles when possible is a high priority for our organization and community.

Oregon City

Richard Ludlow, Asset Management Specialist

Oregon City manages Lucity (CMMS) asset management linked to GIS using ArcGIS Pro with Lucity's imbedded maps with ArcGIS Enterprise. Crews can update assets in the field using ESRI's Collector and Field Maps applications. Customized GIS dashboards are used to report on inspection counts for selected assets. The City provides public-facing maps through its website, and internal map viewers are provided for staff access. The City is working towards further deployment of mobile CMMS.

Oregon City is currently deploying CityROVER AI in the Street Division. CityROVER AI is cellular phone-based technology that tracks and records pothole locations for review and repair. It is deployed on street sweepers to support response to citizen complaints. The company is expanding functionality to recognize street signs.

City storm and sewer crews have deployed Sewer Line Rapid Assessment Tool by InfoSense, which utilizes ultrasonic technology to perform pipeline inspections.

City of Pendleton

Bob Patterson, Public Works Director

City of Pendleton uses ESRI ArcGIS Pro/Online and CartegraphOMS for asset management technologies. Crews are empowered to use a real-time kinematic (RTK) unit for adding new and repositioning of existing assets in the field with ArcGIS Collector. CartegraphOMS is geospatially linked to GIS for asset management, work orders and reporting on work activities.

The City of Pendleton has several crews using the aforementioned equipment and a GIS technician to perform QA/QC for the database. This provides crew with a sense of ownership of the data and real time results. Field crews have switched from a radio-based system for communication to cell phones. Crew lead and superintendent check-ins are now performed virtually, allowing crew to be in the field and supervisors at their desks. We use ZOOM in-house and will be migrating to TEAMS in the coming year as we migrate to Windows 365.

Pendleton is a hub of innovation for UAS Technology research with the UAS Test Range. In-house, we use drones

for video and survey work with geospatial capability.

A public EV charging station has been installed and the City is addressing future EV fleet through planning assessments at this time. EV charging is being incorporated into the design of our bus barn transit facility and is in consideration for integration with a future public works/facilities campus.

City of Wilsonville

Andy Sheehan, Asset Management Coordinator

Wilsonville has an enterprise license agreement with ESRI with interdepartmental usage of ArcGIS Pro/Online. GIS is also integrated with the City's asset management system CartegraphOMS and GraniteNet CCTV pipe inspection software.

The City's asset management system is CartegraphOMS which is used to assign and track work, collect and update asset information, perform inspections and manage maintenance programs.

All field staff are issued iPads that come with the CartegraphOne mobile application installed. This allows field staff to look up asset details and receive/complete assigned work without returning to the office, thereby improving operational efficiency.

Currently drone usage is in limited use by the city Parks and Building departments for capturing aerial photos and video. Two members of staff, one from each department, currently have their drone operator's license.

Wilsonville does not currently have any electric vehicles in the Public Works fleet. However, steps have been taken for future adoption of electric vehicles with the infrastructure for charging stations being included in the construction of the City's new Public Works complex, which is expected to be completed in 2024.

If you'd like to learn more about these technologies or become a member of the chapter's Technology Committee, contact Andy Sheehan at sheehan@ci.wilsonville.or.us.



City of Pendleton IT Technician working on relocating City's internet firewall to a new Internet Service Provider (ISP) location.

Water Quality Trading in Oregon



Thomas Gray
Communications Coordinator,
Metropolitan Wastewater Management
Commission

weclean
WATER
mwmcpartners.org



Mill Race riparian revegetation site one year after planting (2014)



Mill Race riparian revegetation site ten years after planting (2022)

The American Public Works Association focused on Water Resources as part of their educational series in the month of February. We're following up on this series by looking at a water resource program that is helping to improve water quality natural areas in Oregon.

After a decade of planning and pilot projects, the Metropolitan Wastewater Management Commission (MWMC), serving the Eugene-Springfield area, and The Freshwater Trust are launching the next phase of a Water Quality Trading Program. Over the next five years, the program will restore approximately 40 acres of riverbanks along the Willamette and McKenzie rivers with trees and vegetation. These efforts will help to cool the average water temperature and maintain the river's hospitable environment for native fish species, like salmon. The restorations will begin in the lower McKenzie River and expand to areas of the Middle Fork and Coast Fork Willamette watersheds. For the next 20 years, these areas will be monitored to ensure they meet the appropriate regulatory standards.

This program is a major milestone for the MWMC and helps meet new permit requirements for temperature under the Clean Water Act. It also benefits the ecosystem through habitat creation, carbon sequestration, and aesthetically beautiful landscapes. This has been a valuable collaboration between MWMC and The Freshwater Trust. Read more about this exciting project on [The Freshwater Trust website](#).

Scholastic Foundation News

Gary Stockhoff

Foundation President

The first order of business at the Board's January meeting was to officially welcome new members Lori Faha, Tony Roos, and Ashley Cantlon. We are excited to have them onboard to help us continue with the great work of providing needed scholarships to Oregon students. After welcoming our new members, the next order of business was electing officers for 2023.

Gary Stockhoff, Matt MacRostie, and Sue Nelson will continue respectively as the Foundation Board President, Vice-President, and Treasurer. The new

Secretary is Peter Olsen. We are all excited to have Peter take over the Secretary reins. Rounding out the 11-member Board in 2023 are directors Dillon George, Delora Kerber, Dayna Webb, and John Lewis.

The Scholarship Committee, and Board discussed making some changes to the Boss, Langley and Lyle tribute scholarships. These scholarships have not had awardees the past few years. This was due to a lack of qualified candidates applying. It was determined the Boss Scholarship would be re-worked to open up the candidate pool while still honoring the intent of the

scholarship. The other two scholarships will be transitioned to two other community colleges in the hopes qualified candidates are available.

The Board passed a Funding Resolution for the 2023/2024 school year. This sets the maximum amount for ALL scholarships in the next cycle at a not-to-exceed total of \$37,500.

After many months of reviewing, editing, and wrangling back and forth - the Financial Policies and Procedures document has been approved. So as to not miss anyone who helped with this - great thanks for a lot of very hard work to get this document updated.

Scholarship Stories

Jacob Mitchell

*Southwestern Oregon CC
Forest Management Program*

I am honored to be the recipient of the Oregon Chapter APWA scholarship. Thank you for the student membership and for investing in the next generation of forestry professionals.

My interest in natural resources started at a young age. I began volunteering for the annual Public Lands Day while in grade school, working on habitat restoration projects. This experience inspired me to apply for a position as a restoration crew member for the Coos Watershed Association. I held this position for two summers. After high school graduation, I accepted a position as a wildland firefighter for the Coos Forest Protective Association.

I plan to graduate in June 2023 with an Associate of Science degree. I am confident that I am well on my way to a



successful forestry career in the Pacific Northwest. Thank you for supporting me on this journey.

Olivia R. Edwards

*Oregon State University
Sustainability Polvi Scholarship*

I am a non-traditional transfer student finishing my last year in the Civil Engineering program. When I first decided to go to school, I was a teenage mother living in a small town. I am happy to say that I have come a long way since then, and that my future is much brighter than I could've imagined.

This year, I am taking on a project manager role for the Engineers in Ac-

tion - OSU chapter. This opportunity will allow me to assist on a bridge build project in another country.

Once I am an engineer, one of my goals is to regularly donate my time to non-profits. This is one important example of how this scholarship has assisted in allowing me to create a brighter future for myself and for those around me.

After I complete my academic career, I would like to work in the public sector (at least for a few years). I may want to continue my education at some point as well. Overall, I want to be a source of positive growth in my community. I believe that by obtaining a degree in civil engineering, and receiving the help of the Sustainability Polvi Scholarship, I will accomplish that.

I have now been selected for two APWA scholarships, and it has made a dramatic impact on my ability to afford my education!