NASSCO TEAMS UP WITH SKILLSUSA

Photo Credit: Starr Fuentes reprinted with permission of SkillsUSA Champions Magazine

OTHER NEWS
WEFTEC Recap / The Exchange / NASSCO Committees
Congress Passes Major Water Infrastructure Package / I&I elimiNATION

A QUARTERLY NEWSLETTER PUBLICATION FROM NASSCO
WEFTEC RECAP

BY SHEILA JOY, EXECUTIVE DIRECTOR

Thanks to NASSCO members who attended our semi-annual membership meeting and reception at WEFTEC in October. It’s always a great time to come together to share ideas and network with industry peers. If you were unable to attend, highlights from the semi-annual membership meeting include:

• Year-to-date, NASSCO has achieved record-breaking membership numbers of more than 600-member organizations, representing thousands of industry professionals.

• NASSCO Committees continue to be the driving force behind industry initiatives including Government Relations efforts to increase funding; Infrastructure Assessment activities to update PACP to version 7.0.4 in 2019; and the Lateral Committee’s Plumbing Code Workgroup initiatives. Please see page 8 to learn more about NASSCO Committee goals for 2018 and get involved!

• Lynn Osborn, NASSCO’s Technical Director, provided an update on the CIPP emission study currently underway by TTC at Louisiana Tech University. Please see page 12 for the full update.

• I-Corps’ $50,000 grant to Oklahoma State University for the OneVoice Program is underway to measure the quality of PACP data and develop a national database via interviews with utility owners, engineers and CCTV operators. To schedule an anonymous interview email Jim.HarrisJr@jacobs.com

(cont’d. on p. 4)
NASSCO teams up with SkillsUSA to support the skilled trades

By Sheila Joy, Executive Director

Most likely, if you are reading this NASSCO publication, you are a proud member of the world of underground infrastructure. Most of us have made assessment, maintenance and/or rehabilitation of sewer systems our career of choice and we wouldn’t have it any other way. We, of course, know that the underground infrastructure industry offers extremely viable and robust career opportunities, and in recent years impressive trenchless technologies have changed the landscape dramatically. Why, then, is it so difficult to attract and retain qualified workers to the water and wastewater sectors?

I believe that contributing factors to this resistance include misperceptions about our industry and lack of awareness of the many career choices and benefits available. As a corrective step in this direction, I am proud to announce that NASSCO has recently signed on to become an official sponsor of SkillsUSA, a non-profit organization that provides technical, personal and workplace skills to young people across the United States.

Founded in 1965, SkillsUSA is endorsed by the U.S. Department of Education. With programs in 4,000 middle and high schools, as well as colleges, SkillsUSA has 360,000 members and 20,000 instructors focused on filling the skills gap and encouraging and educating young people about the potential in construction work and other areas of study.

Nationwide, career and technical education (CTE) encompasses 94 percent of high-school students in the United States and 13 million college/postsecondary students in high schools, career centers, community and technical colleges, four-year universities and more. CTE and SkillsUSA are working to be a vital solution to our nation’s economic and workforce challenges, such as high-school dropout rates, a weakened economy, global competitiveness and massive layoffs. At a time when opportunity for employment is critical, SkillsUSA and CTE are working to ensure students are equipped with the skills to successfully enter the workforce.

NASSCO’s partnership with SkillsUSA allows us to build awareness of the need to repair our failing underground infrastructure, support the construction segment and present career opportunities to young people and inform them about the long-term, meaningful employment opportunities in the water and wastewater industry.

NASSCO’s sponsorship will also help support critical programming at SkillsUSA’s National Leadership and Skills Conference including the SkillsUSA Championships to be held in Louisville, Kentucky June 24-28, 2019. It will also provide opportunities for NASSCO members to get involved in their local SkillsUSA chapters. Stay tuned as our partnership with SkillsUSA develops over the coming months.
A real-time safety survey was conducted to uncover our member’s greatest concerns regarding safety in the workplace and how NASSCO can help. The results were published in the October issue of the NASSCO NEWS FLASH and will be addressed at NASSCO’s 2019 Annual Conference.

NASSCO also honored Past-Presidents of the Board of Directors with a special dinner. We hope to make this an annual event, so if you are a Past-President or know of one who is, but is no longer a NASSCO member, please reach out to Dawn Jaworski at dawn@nassco.org so we are sure to include all Past-Presidents in our next event. We owe it all to these men and women who have given their time and talents to help NASSCO set standards for the assessment, maintenance and rehabilitation of underground infrastructure and assure the continued acceptance and growth of trenchless technologies.
We know that finding a new inspection camera system can seem overwhelming. Your reputation and money is on the line. That's why, when you choose RapidView IBAK, you can be confident that we will be with you for the long haul. IBAK invented sewer cameras in 1957 and we continue a history of innovation today. Our customers expect the best after-sales service in the industry, and we work every day to make sure they get it! We are committed to not only selling you the best equipment money can buy, but making sure that it stays in the field, earning you an increased return on your investment!

You've found it.

We know that finding a new inspection camera system can seem overwhelming. Your reputation and money is on the line. That's why, when you choose RapidView IBAK, you can be confident that we will be with you for the long haul. IBAK invented sewer cameras in 1957 and we continue a history of innovation today. Our customers expect the best after-sales service in the industry, and we work every day to make sure they get it! We are committed to not only selling you the best equipment money can buy, but making sure that it stays in the field, earning you an increased return on your investment!

Push | High Def | Mainline | Lateral Launch | 3D Mapping | 360° Pipe and Manhole Cameras

NoDig solutions with the best GROUT/REHABILITATION vehicles in the industry! No one offers you more.

CUES CUSTOM GROUT INSPECTION VEHICLES

Customize a TV/Seal truck-mounted system based on your needs! CUES is the industry leader of portable, truck, and trailer mounted grout rehabilitation systems for mainline, manhole, and lateral joint sealing with the latest CCTV equipment and decision support software.

• Retrofit any vehicle or trailer
• Combo trucks are available for TV, Cutter & Easy Grout
• Do not need an office using wireless Easy Grout
• Plenty of room for packers & grout material
• Climate-controlled office
• Contractor-grade

CALL TODAY FOR A FREE DEMO!

www.cuesinc.com | 800.327.7791 | salesinfo@cuesinc.com

Sign up for CUES Municipal Grout School, sponsored by CUES, Avanti, and Logiball! October 17th & 18th in Minnesota. For more information, visit www.cuesinc.com or www.avantigrout.com
By Heather Myers, Operation Manager

When you hear NASSCO, you probably think PACP®, standards, networking and training. NASSCO is all of those things and more, including education. At the 2019 Annual Conference, we hope to merge education and networking through The Exchange. What better way to learn, than from each other through the exchange of information?

During the first Exchange event being held in April 2019, you will hear from and ask questions of a Health & Safety panel designed to address some of your most pressing safety concerns like traffic control, confined space entry, cross bores and many other safety challenges!

You’ll also hear from the City of West Palm Beach about their Pressure Pipe Integrity Program, from the City of Gainesville, FL about their Criticality Analysis program using the PACP Model and you’ll get an update on Phase 2 of the CIPP Emissions Study. When all is said and done, you’ll have an opportunity to ask any burning questions that may be on your mind.

Interested in attending the inaugural Exchange? Registration information will be available in early 2019!

In the meantime, please make your hotel reservations and plan to attend the 2019 Annual Conference in Ft. Lauderdale, FL! We’re sure you’ll leave the event with a sense of involvement, shared knowledge and a renewed passion for setting the standards for the assessment, maintenance and rehabilitation of underground infrastructure.

Visit nassco.org/events for more information about the 2019 Annual Conference.
JOIN A NASSCO COMMITTEE TODAY
BY SHEILA JOY, EXECUTIVE DIRECTOR

Have you ever asked yourself, “How can I help develop NASSCO specification guidelines?” Or, perhaps you’ve wondered, “How can I get involved in making a difference in Washington, D.C.?” The answer to these questions is simple: Join – and, more importantly, become active in – one (or more) of NASSCO’s dynamic committees.

The more variety of perspectives involved in developing specification guidelines, supporting funding of underground infrastructure, identifying improvements to PACP® or ITCP® training materials, and so many other NASSCO-driven activities, the better the results.

Committees are open to all NASSCO members in good standing. All we ask is that you commit to participate in the regularly scheduled calls and volunteer your time and talents to help NASSCO set standards for the assessment, maintenance and rehabilitation of underground infrastructure and to assure the continued acceptance and growth of trenchless technologies.

Below is a list of all NASSCO Committees and 2018 initiatives. If you would like to join one or more of these committees, please email lisa@nassco.org today!

Asset Management Committee
• Promote the use of PACP®/MACP®/LACP® data in asset management plans for small, medium and large municipalities and develop media that will help accomplish this.
• Pursue opportunities to present at conferences throughout the year.
• Pursue relationships with various academia including institutes such as TTC/BAMI at Louisiana Tech University, the “One Voice” initiative by Oklahoma State University, and similar work being done by Virginia Tech University, as well as others (as identified).
• Finalize peer review of industry-wide standards such as the BAMI-1 CTAM upgrade.
• Research the development of statewide asset management plans and funding sources to help NASSCO develop strategic partnerships across the U.S. via a new guidance document.

Lateral Rehab Committee
• Update lateral presentation.
• Present at no less than two industry conferences.
• Educate and provide input to UPC and IPC committees.

Government Relations Committee
• Actively partner with other industry organizations such as WEF, NUCA, ACEC, WWEMA and others who align with our industry’s need to increase funding for underground infrastructure.
• Continually review current White House legislative agenda and act accordingly.
NASSCO COMMITTEES

- Attend fly-ins and visit Congressional leaders.
- Launch grassroots tool to connect NASSCO members with their local representatives, urging them to support underground infrastructure.

Health and Safety Committee
- Complete safety matrix.
- Include safety information on the NASSCO website including an FAQ page with links to articles.
- Provide and publish updates on OSHA rule changes.

Infrastructure Assessment Committee
- Develop PACP® Version 8 task force; set meeting schedule/goals and timeline guides for its release.
- Review and revise, if necessary, condition grades.
- Finalize WEF Manual of Practice.
- Develop online training of risk management.
- Provide feedback on CCTV specification.

International Relations Committee
- Complete QA/QC and deliver PACP V7.0.3 Spanish translation.
- Deliver one PACP class in Colombia, Central and/or South America in 2018.
- Deliver one ITCP®-CIPP class in Colombia, Central and/or South America in 2018.
- Start translation of new NASSCO MOP into Spanish.
- Conduct at least four presentations on NASSCO’s mission and benefits to municipalities or at a water/sewer conference in areas outside of the United States.
- Convert PACP manual to include both Imperial and Metric values.

Manhole Committee
- Continue support of RehabZone.
- Continue emphasis on MACP®.
- Participate in New Jersey seminar on the topic of manhole rehab technologies.
- Make presentation at WWETT 2018.
- Present at UCT 2018.
- Complete ASCE MOP92 revisions and peer reviews.

O & M Committee
- Large Diameter Workgroup: Complete writing guideline.
- Bypass Pumping Workgroup: Begin writing guideline.
- Jetter Code Workgroup: Expand code to include cleaning and extraction technologies.

Pipe Rehab Committee
- Create and successfully complete a Webinar on the CIPP emissions study.
- Provide input and guidance, when requested, of the CIPP emissions study.
- Review and update technical specifications:
  - One overall CIPP specification to include varying methods of installing and curing CIPP
  - Spiral wound technologies
  - Fiberglass-reinforced pipe

Pressure Pipe Committee
- Rehab Workgroup:
  - Conduct a webinar
  - Develop UCT track on pressure pipe
  - Draft specification guideline for testing requirements
  - Draft rehabilitation technology matrix
- Condition Assessment Workgroup:
  - Revise technology matrix
  - Develop case study database
  - Conduct a Webinar

RehabZone Committee
- Re-brand the event to include new logo, website, exhibit materials.
- Continue to make improvements and updates to featured technologies.

Software Committee
- Establish Pendant Software certification process.
- Establish vendor certification workgroup to increase involvement of software vendors in validation of the data dictionary and application of rules.
- Assist NASSCO staff or a third party in taking over the software certification.
- Establish SVLA violation procedures.
- Assist NASSCO in providing one portal for software vendors/trainers to access latest information (manuals and data dictionary).
Phase 2 of the industry study on air emissions from steam cure CIPP job sites was awarded to the Trenchless Technology Center (TTC) at Louisiana Tech University with work beginning in July 2018. Dr. Elizabeth Matthews, Assistant Professor, is the Principal Investigator, and Dr. John Matthews, Director of TTC, is the Co-Principal Investigator.

The TTC subcontracted much of the onsite sampling and laboratory testing work to the United States Army Corps of Engineers located in Vicksburg, Mississippi, just a couple of hours east of the Louisiana Tech campus. Much of the summer was spent in planning, purchasing equipment and supplies, renting equipment, and safety training for those on the TTC team who would work on CIPP job sites.

Phase 2 consists of emissions testing on six steam cure CIPP job sites with sewers of different diameters and lengths. Air emissions will be sampled at strategic locations on each of the six sites. In addition, samples will be collected around and outside the job site perimeter, including in buildings. This will help determine any effect on the public, which is a crucial objective of the study. The TTC plans to do much of the test work on small sewers (8 to 12 in. in diameter) in Shreveport, Louisiana, which is just 70 miles west of the campus.

The TTC scheduled a dry run in Shreveport in September to test sampling equipment and to expose those working on the TTC Phase 2 project team to CIPP steam cure installation job sites. The dry run was not considered one of the required six site visits. Overall the dry run was a success because the equipment tests went well, and those less familiar with CIPP installation were able to see CIPP installations from a contractor’s perspective.

One of the benefits of the dry run was that it demonstrated to those not familiar with pipeline rehabilitation a glimpse of how all the other tasks required (CCTV, sewer cleaning, point repairs, etc.) often control the timeline on a project. The CIPP installation could not take place on the first two job sites visited because of an unfinished point repair and a sag in the host sewer. After some extensive host pipe cleaning, the third site was a go, and the CIPP was installed in an 8” sewer. During the cure, air samples were collected upwind and downwind of the site using vacuum canisters (see photo). Two people wore monitors during the installation and cure, and a steam condensate sample was collected from the steam discharge, which was about 12 inches above grade, located in a ravine.

Next steps for the TTC team include a one week visit to Shreveport where the goal is to monitor four CIPP steam cure installations. Following that, the team will move to a site in a dryer climate and at a higher elevation where at least one medium diameter CIPP installation will be monitored. The goal is to have the project completed by Spring 2019.
GraniteNet is the next generation condition assessment software for the water/wastewater industry. GraniteNet software is asset based, which enables the software to easily interface with other asset based software products such as ESRI ArcGIS Mapping systems, and asset management systems to include Cityworks, Infor Public Sector (Hansen), IBM Maximo, and others. Intuitive and easy to use, data and video can now be accessed via a web portal.

GraniteNet is a solution to orchestrate many processes to drive down costs. GraniteNet aggregates information into one place for better decisions: cleaning, CCTV, smoke, lateral, GPS, hydrants, water valves, street lights, signage, gas lines, etc. Please visit www.gnet.us.com to learn more and schedule a demonstration, or call/email us as noted below.

GraniteNet is the next generation condition assessment software for the water/wastewater industry. GraniteNet software is asset based, which enables the software to easily interface with other asset based software products such as ESRI ArcGIS Mapping systems, and asset management systems to include Cityworks, Infor Public Sector (Hansen), IBM Maximo, and others. Intuitive and easy to use, data and video can now be accessed via a web portal.

GraniteNet is a solution to orchestrate many processes to drive down costs. GraniteNet aggregates information into one place for better decisions: cleaning, CCTV, smoke, lateral, GPS, hydrants, water valves, street lights, signage, gas lines, etc. Please visit www.gnet.us.com to learn more and schedule a demonstration, or call/email us as noted below.

Simple. Start from a map and go!

Fast and easy data entry for PACP, MACP & LACP

View completed inspection videos via the Internet from any browser, review tasks, run reports, filter, and search.

Dashboards are available to help track productivity and quickly see how much activity has been achieved in a given week, month or YTD.
CONGRESS PASSES MAJOR WATER INFRASTRUCTURE PACKAGE

BY STEVE DYE, GOVERNMENT RELATIONS CONSULTANT

On October 23, 2018, President Trump signed into law S. 3021, America’s Water Infrastructure Act of 2018, which is major water infrastructure legislation that includes a number of provisions that benefit drinking water, wastewater, and stormwater infrastructure and policy. The final bill, known as America’s Water Infrastructure Act (S. 3021), was passed unanimously by the House and Senate earlier this year, and includes provisions that NASSCO members will benefit directly from and that NASSCO actively lobbied Congress for over the last year. Key provisions of the bill include:

• Establishment of the new Section 221 grant program, which provides funds for grants to communities for CSO, SSO, and stormwater collection and conveyance infrastructure projects. The WRDA conference report includes authorization for $225 million per year for the next two years for grants to states and directly to communities from the EPA. This is the first new sizable grant program for water infrastructure in many years. Usually funding is via loans or financing, but a grant program will provide a new source of funding for many of the most difficult to fund CSO, SSO and stormwater projects. NASSCO pushed for this provision to be included in the final bill.

• Two year extension to the EPA’s Water Infrastructure Finance and Innovation Act (WIFIA) program and authorization to receive $50 million per year, which will provide an estimated $5 billion in low-interest federal financing for water infrastructure. Under the WIFIA statute, the program can only fund 49% of a project cost, with the remaining 51% being matched by the applicant. This means there will be an estimated $10 billion in new water infrastructure funding through the combined federal and local funding.

• Additionally, the WIFIA reauthorization language includes a provision that permits State SRF programs to receive WIFIA loans directly with some preferential terms, such as 100% loan financing and one credit rating letter. The provision stipulates, though, that the SRF programs need to be funded at 105% of the fiscal year 2018 appropriation level and the state SRF programs cannot pass-through any of the WIFIA application fees to the SRF borrowers.

• Creation of a new stormwater financing federal taskforce “composed of federal, state, and local governments and private (including nonprofit) entities to conduct a study on, and develop recommendations to improve, the availability of public and private sources of funding for the construction, rehabilitation, and operation and maintenance of stormwater infrastructure to meet the requirements of the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.)” The purpose of the taskforce will be to help increase federal funding for stormwater infrastructure, which has been nationally documented as a source of major funding need for communities.
WATER INFRASTRUCTURE PACKAGE

- Authorization of $25 million per year in grants to non-profit entities to provide technical assistance to small and rural publicly owned treatment works.
- Reauthorization of the Drinking Water SRF for three years at $4.424 billion. Existing “Buy American” restrictions on non-American produced iron and steel will be extended through 2023.
- New two-year, $8 million grant program for small and disadvantaged communities to support drinking water infrastructure.
- Formally authorizing EPA’s WaterSense program, which the President had been attempting to eliminate.
- New grant program to provide $1 million per year in fiscal years 2019 and 2020 to eligible organizations, such as utilities and non-profit entities, to provide water workforce job training including on-the-job training, skills development, apprenticeships, test-preparation, technical certification, and other purposes.

All of these new programs will next need to receive initial funding through the annual federal appropriations process. Congress is currently completing the FY19 appropriations bills, and will begin crafting the FY20 bills in early 2019. In addition to the direct congressional lobbying NASSCO will be doing to push for funding for these programs, a call-to-action will be going up soon on NASSCO’s grassroots advocacy program, Sewer System Heroes, a quick and easy way for NASSCO members to contact their Members of Congress online to urge them to support underground infrastructure issues. To learn more about the Sewer System Heroes program, visit nassco.org/government-relations.

PIPELOGIX INSPECTION SOFTWARE
ADD MODULES TO YOUR EXISTING LICENSES FOR INCREASED CAPABILITIES IN THE FIELD AND OFFICE

- MPEG-4 RECORDING WITH H.264 COMPRESSION
- MACP 7 MANHOLE MODULE
- GIS INTEGRATION

Here to support you.
WWW.PIPELOGIX.COM • SUPPORT@PIPELOGIX.COM • (866) 299-3150
The Underground Construction Technology International Conference & Exhibition (UCT), Underground Construction magazine’s major business event for the underground utility infrastructure industry, is just around the corner. Mark your calendars as doors open Jan. 29, and registration and housing are now open!

UCT is a three-day business and networking event being held at the Fort Worth Convention Center, Fort Worth, Texas, Jan. 29-31, 2019. UCT represents the single best opportunity for professionals involved in construction and maintaining the underground utility infrastructure to come together and learn about the latest equipment and technologies designed for safety, efficiency and profitability, all while networking with peers and customers.

Through displays in the exhibit hall, real-world case histories and engaging panel discussions, UCT is an unmatched experience that supports the business and education objectives of everyone involved in the industry. Additionally, major academic and industry sponsors offer specialized seminars and workshops just prior to UCT, offering even more training options.

Learn from the only business event in underground utility infrastructure focused on the totalp industry. UCT includes trenchless and traditional (open-cut) construction technologies in the program. Whether you are a first-time or frequent attendee, you will find essential information and training at UCT. The main educational program qualifies for up to 10.5 PDHs (Professional Development Hours) granted by the University of Texas at Arlington. Continuing Education Units (CEUs) also apply. Industry certification up to 12 PDHs is available from the pre-UCT sessions, as well.

Exchange ideas and gain industry insight by visiting the exhibit hall, where you can see the equipment and technologies you hear about during the educational sessions. Make new business connections and foster current relationships at networking functions in the exhibit hall.

You can also join in Underground Construction Technology Association (UCTA) activities. Support UCTA’s scholarship program by participating in the Topgolf event. Honor this year’s MVP, Lynn Osborn, by attending the MVP luncheon.

WHO SHOULD ATTEND
• Contractors – sewer, water, gas distribution, telecommunications, electric distribution and transmission, industrial, energy transmission pipeline, damage prevention and safety
• Consulting Engineers – firms serving all underground and industrial markets
• Damage Prevention – personnel involved in managing utility and pipeline damage prevention and safety issues

The Underground Construction Technology International Conference & Exhibition (UCT), Underground Construction magazine’s major business event for the underground utility infrastructure industry, is just around the corner. Mark your calendars as doors open Jan. 29, and registration and housing are now open!

UCT is a three-day business and networking event being held at the Fort Worth Convention Center, Fort Worth, Texas, Jan. 29-31, 2019. UCT represents the single best opportunity for professionals involved in construction and maintaining the underground utility infrastructure to come together and learn about the latest equipment and technologies designed for safety, efficiency and profitability, all while networking with peers and customers.

Through displays in the exhibit hall, real-world case histories and engaging panel discussions, UCT is an unmatched experience that supports the business and education objectives of everyone involved in the industry. Additionally, major academic and industry sponsors offer specialized seminars and workshops just prior to UCT, offering even more training options.

Learn from the only business event in underground utility infrastructure focused on the totalp industry. UCT includes trenchless and traditional (open-cut) construction technologies in the program. Whether you are a first-time or frequent attendee, you will find essential information and training at UCT. The main educational program qualifies for up to 10.5 PDHs (Professional Development Hours) granted by the University of Texas at Arlington. Continuing Education Units (CEUs) also apply. Industry certification up to 12 PDHs is available from the pre-UCT sessions, as well.

Exchange ideas and gain industry insight by visiting the exhibit hall, where you can see the equipment and technologies you hear about during the educational sessions. Make new business connections and foster current relationships at networking functions in the exhibit hall.

You can also join in Underground Construction Technology Association (UCTA) activities. Support UCTA’s scholarship program by participating in the Topgolf event. Honor this year’s MVP, Lynn Osborn, by attending the MVP luncheon.
UCT

• Gas/Electric Utilities – officers, managers, construction, maintenance and rehabilitation personnel
• Municipalities – public works officials, construction and rehabilitation staff, senior city and elected officials
• Pipelines and Energy – officers, managers, construction and maintenance personnel for transmission pipeline construction, rehabilitation, maintenance, marketing and trading
• Telecommunications – owning company, operations and construction personnel

Furthering your education at UCT isn’t expensive or complicated. Qualified municipal/public works/government employees receive complimentary access to the UCT primary program (seminars and exhibits) by registering under the Municipal Partnership Program. And for everyone else, a group rate of $495 is good for educational program attendance by two to 10 people from the same company. (Academic- and industry-sponsored training programs and workshops are not included.) Exhibit hall registration is complimentary.

See the full program, secure your hotel room and register at uctonline.com. But hurry, the hotel is expected to sell-out quickly!

Robust design in a portable package.
Introducing the Mobile pro

Rausch has offered premium inspection equipment worldwide for over thirty years. Our advanced camera systems include modular upgrades for laser profiling and lateral launching, all from a single tractor platform.

Rausch is proud to introduce the Mobile pro, our new portable mainline system. The system features a lightweight cable reel and built-in 12” monitor and control unit that fits in a 17-inch square footprint.

Featuring the Cubix 300 motorized cable reel loaded with up to 1,000’ of cable, our new mobile TV inspection system provides a professional and cost-effective solution that can fit in the bed of a truck or ATV.

The high quality Rausch C 135 camera/tractor unit is industry-breaking, allowing the new Mobile pro system to outperform systems four times its size.

www.rauschusa.com

RauschUSA
4757 Innovation Way
Chambersburg, PA 17201
Office: 717 709 1005
Toll Free: 877 Rausch1
reusa@rauschusa.com
MEET A NASSCO MEMBER

DAN WEBER, PRESIDENT AND CEO OF KAISER PREMIER

Tell us a little about you – how did you end up in this industry:
I have been a part of the underground utility, sewer cleaning/inspection, gas/oil and industrial cleaning industry for over 20 years, working for Jack Doheny and serving as president of Jack Doheny Companies for 15 years. Prior to that I work for ALCOA in the aerospace and automotive businesses sectors.

Tell us about your company.
Kaiser Premier, based in Fort Morgan, Colorado, is a manufacturer specializing in truck-mounted sewer recycling and hydro-excavation machines. We are part of the Kaiser AG company headquartered in Lichtenstein with operations in six countries. Kaiser AG is a family-owned company that has been in business for over 100 years. Kaiser Premier is committed to introducing exciting, new technology from Kaiser AG’s group of companies as we continue to be the leader in innovation in the hydrovac and recycling industry. Learn more at kaiserpremier.com and connection with us on LinkedIn.

Why did you join NASSCO?
In my previous role, I had the opportunity to see NASSCO evolve into a very effective and expanding organization. Though not directly involved in the day to day functioning of NASSCO, many of our teammates had active roles in the organization. This involvement brought tremendous insight, understanding and perspective on the important issues facing the wastewater industry while actively addressing these issues with clear measurable goals and objectives. Kaiser Premier will bring our knowledge, expertise and time in support of the association.

How has being a NASSCO member helped your career or business?
NASSCO has provided me with regional knowledge, various ideas and solutions to problems and networking opportunities.

What are the top challenges facing our industry?
There are many:
• Creating a sustainable underground wastewater infrastructure that will stand the test of time as demand continues to increase.
• Finding, developing and retaining talent at all levels, especially on-site leaders and operators. We need to make our industry attractive to those interested in driving innovation and developing improvements in infrastructure technology.
• Setting clear and measurable performance standards.

How should NASSCO help address this issue?
Provide exposure to the issues facing our industry, promote favorable career opportunities combined with a recruiting strategy while continuing to expand on the certified training NASSCO already offers. Identify existing caps in processes and standards and develop programs to find and integrate solutions.

What else should other NASSCO members know about you? your business?
I’m married with four children living in Northville, Michigan. I love our industry and the people we get to work with every day. The jobs the contractors in our industry perform are essential to the health and welfare of the general population. Our workers are subjected to some of the most difficult environments. The entrepreneurial risk taken can be quite bold and often push technology, resources and people to the limits. For me, the opportunity to support and be part of this industry is very exciting, challenging and rewarding. As for Kaiser Premier, we simply want to provide productive, reliable equipment backed by a responsive, knowledgeable support team with a personal dedication on which our clients can depend.
WHR SWITCHER
For cleaning 6-18" (103-457mm) lines.

WHR HYBRID SWITCHER
For cleaning 6-36" (103-914mm) lines.

WGR SWITCHER
For cleaning 8-36" (203-914mm) lines.

SWITCH FROM CLEANING TO FLUSHING WITHOUT EVER LEAVING THE PIPE

Use full pulling thrust to climb inclines and go upstream to problem area.

Idle the pump down to “switch” jets to cleaning mode.

Bring the pump back to pressure to begin cleaning/cutting mode.

“...I used the Switcher non-stop every day, 8 hours a day, and didn’t have one problem. I’ve been waiting for something like this.”

JASON DEMARTINI
VALLEJO SANITATION

VIEW THE VIDEO HERE:
WWW.STONEAGETOOLS.COM/SWITCHER

WARTHOG
SEWER NOZZLES BY STONEAGE®
1-866-795-1586 - WWW.SEWRNOZZLES.COM

ONE CUTTER
MULTIPLE JOBS

8 - 15"
16 - 28"

Introducing the Lumberjack® 300 with NEW adjustable sled. Designed to fit 8” to 15” or 16” to 28” pipe sizes.

Call today for a free demo: 1-866-620-5915

1949 Calumet Street
Clearwater, FL 33765
1-866-620-5915
www.NozzTeq.com

Providing Trenchless Solutions through our network of certified applicators since 1975.

www.permaform.net 800-662-6465
I&I elimiNATION
IDENTIFYING THE PROBLEM, CONSEQUENCES AND CORRECTIVE ACTION

A unique specialty conference, to be held in conjunction with the Underground Construction Technology International Conference & Exhibition (UCT), will tackle an age-old industry issue. Often misunderstood and frequently underestimated, unabated infiltration and inflow (I&I) is nonetheless deadly to sewer collections systems.

Scheduled for January 28, 2019 at the Fort Worth Convention Center in Fort Worth, Texas, the I&I elimiNATION Conference is the first of its kind, one-day event for learning and understanding what's new, what's possible and what's practical for mitigating I&I in the collection system. I&I elimiNATION will explore root causes of infiltration and inflow into sewer systems, revealing both the short- and long-term destructive impacts upon sewer pipelines, and examine possible solutions.

As a UCT 2019 preconference event, attendees can expect expert presentations from multiple perspectives with the intent to qualify and quantify the I&I problem and justify or nullify corrective measures with a keen eye on sustainability. Inclusive of multiple technologies and services, the approach to mitigating I&I must always be holistic by incorporating assessment, maintenance and rehabilitation for one compelling reason: water migration is relentless.

This educational forum is geared for municipal stakeholders, consulting engineers, regulators, technology and service providers, and contractors converging on a focused topic of removing I&I for the preservation and performance of wastewater collection systems.

I&I elimiNATION is co-sponsored by NASSCO, its Infiltration Control Grouting Association (ICGA) division and Underground Construction magazine. It will be hosted and co-moderated by Robert Carpenter, editor-in-chief of Underground Construction, and Sheila Joy, NASSCO executive director.

“Several cities that went through EPA consent decrees are now finding that millions – even billions – of investments failed to cure the root cause of their system degradations, I&I. They are now forced to reinvest additional millions to finally address I&I woes,” explained Carpenter. “But regardless of a city's size, small or large, untreated I&I issues will effectively destroy and disable your sewer system.”

NASSCO Technical Director Lynn Osborn pointed out that I&I is often misunderstood. “While commonly lumped together, infiltration and inflow are two completely different occurrences that require specific rehabilitation methods,” he said.

“We are one nation with multiple problems to solve, including I&I in our collection systems,” observed ICGA’s conference organizer, Don Rigby. “Infiltration and inflow are the root cause of decay leading to enormous costs for structural rehabilitation. It presents our municipalities with a classic pay-me-now-or pay-me later scenario.

“This event will empower attendees with the rationale, incentive and logic to do what’s right for the rate payer by mitigating I&I and will remove the temptation to defer action until you have no choice but to replace or abandon the existing system.”

Team learning at the event is encouraged, Rigby said. “Registration fees are very economical and include lunch. We’re also offering major discounts for additional personnel from the same organization. A huge bonus for cities is that registration for I&I elimiNATION automatically qualifies each municipal employee for complimentary access to all UCT educational classes, the exhibit floor and the RehabZone — a $395 value,” he stressed. UCT 2019 Fort Worth runs from Jan. 29-31.
The tentative I&I elimiNATION program includes:

Morning Segment: The I&I problem, consequences and importance
- Confessions of a Collection System Manager
- Regulatory Point of View
- Consulting Engineering Point of View
- Live Mic: Interactive Q&A
- Tennessee Study – Comprehensive, Telling Example
- Can’t Manage What You Don’t Measure
- Live Mic: Interactive Q&A
- Working Lunch/Networking

Afternoon Segment: The I&I solution toolbox and corrective action
- Overview I&I Solutions Toolbox – Primary Points of Entry (Contractor Perspective)
- Devices for Controlling Inflow in Manhole Structures
- Manhole Rehab – Comprehensive Perspective
- Live Mic: Interactive Q&A
- CIPP for Mainlines & Laterals
- Injection Grouting for Sealing the Collection System and Controlling Infiltration
- Grouting & Lining – Complementary Vs Competing Technologies (Owner Perspective)
- Live Mic: Interactive Q&A
- Summary & Conclusions

To register, go to the UCT website at uctonline.com or, for additional details, contact NASSCO at info@nassco.org.

Greener for the Planet and Your Bottom Line

Now there’s a dependable CIPP product that lets you repair partially or fully deteriorated underground pipes with environmental safety in mind. Interplastic’s ground-breaking Eco Series Resin has no styrene, no VOCs and no HAPs.

With the same polymer backing approved for today’s pipeline remediation, the new resin is a proven solution in gravity pipelines that provides consistent quality, fast wetout, trouble-free processing, superior strength and higher flexural-modulus properties. It meets ASTM F1216 requirements and reduces the likelihood of stress cracking and shrinkage with a lower exotherm.

You now have a “green” resin that will eliminate your environmental concerns.

1.800.736.5497
www.interplastic.com

© 2017 Interplastic Corporation. All rights reserved.
Attend NASTT’s 2019 No-Dig Show for the world-class educational program.

Learn how trenchless technology can solve your underground infrastructure challenges with over 160 peer reviewed, non-commercial presentations, including case studies detailing environmentally friendly trenchless solutions and cost-saving opportunities.

Topics include: condition assessment, HDD, CIPP, pipe bursting, pipe ramming, direct pipe, pipe jacking, water, wastewater and stormwater rehabilitation, asset management, microtunneling, geotechnical issues & HDD, slippining, project planning and delivery, emerging technologies, and gas rehabilitation & HDD.

Pre- and post-event trenchless good practices courses will provide targeted training to round out your educational experience.

Continuing Educational Units (CEUs) and Professional Development Hours (PDHs) are offered.

nodigshow.com

Plus
- Explore more than 190 trenchless exhibits!
- Attend a new technical session dedicated to innovative products!
- Check out special forums focused on Direct Pipe and Advanced Pressure Pipeline Condition Assessment!

The No-Dig Show is owned by the North American Society for Trenchless Technology (NASTT), a not-for-profit educational and technical society established in 1990 to promote trenchless technology for the public benefit. For more information about NASTT, visit our website at nastt.org.
TRAINING CALENDAR

DECEMBER
PACP
12/4-12/6  Hannibal, MO  12/11-12/13  Wharton, NJ
12/4-12/6  Bloomington, MN  12/12-12/14  Tulsa, OK
12/4-12/6  Orlando, FL  12/17-12/19  Knoxville, TN
12/4-12/6  Orlando, FL  12/18-12/20  Clearwater, FL
12/5-12/7  Shreveport, LA
12/5-12/7  North Seattle, WA
12/5-12/7  Santa Fe, MN
12/5-12/7  Marriottsville, MD
12/6-12/8  Clarksville, AR
12/10-12/12  Mansfield, OH
12/10-12/11  Kissimmee, FL
12/10-12/12  Laurel, MD
12/11-12/13  Covington, GA
12/11-12/13  Calgary, AB
12/11-12/13  Roseville, CA
12/11-12/13  Toronto, ON

12/4-12/6  Orlando, FL
12/5-12/7  Shreveport, LA
12/5-12/7  North Seattle, WA
12/5-12/7  Santa Fe, MN
12/5-12/7  Marriottsville, MD
12/6-12/8  Clarksville, AR
12/10-12/12  Mansfield, OH
12/10-12/11  Kissimmee, FL
12/10-12/12  Laurel, MD
12/11-12/13  Covington, GA
12/11-12/13  Calgary, AB
12/11-12/13  Roseville, CA
12/11-12/13  Toronto, ON

PACP 1-Day Recertification
12/3  Fountain Valley, CA

ITCP-CIPP
12/6-12/7  Plymouth, MI

ITCP-MR
12/13-12/14  Cincinnati, OH

JANUARY
PACP
1/8-1/10  Land O’Lakes, FL  1/28-1/29  Fort Worth, TX
1/8-1/10  Whitestown, IN  1/29-1/31  Santa Cruz, CA
1/14-1/16  Marriottsville, MD
1/15-1/17  Augusta, GA
1/15-1/17  Palm Springs, FL
1/15-1/17  Northville, MI
1/15-1/17  Nashville, TN
1/16-1/18  Covington, GA
1/22-1/24  Fitchburg, MA
1/22-1/24  San Jose, CA
1/22-1/24  Antioch, CA
1/23-1/25  Santa Fe, NM

PACP 1-Day Recertification
1/18  Northville, MI
1/28  Fort Worth, TX

ITCP-CIPP
1/16-1/17  Grand Island, NE

FEBRUARY
PACP
2/5-2/7  Denver, CO
2/5-2/7  Phoenix, AZ
2/5-2/7  Twinsburg, OH
2/11-2/13  Marriottsville, MD
2/12-2/14  Dallas, TX
2/12-2/14  Covington, GA
2/12-2/14  Bolton, ON
2/19-2/21  Saint Louis, MO

PACP 1-Day Recertification
2/27  Marriottsville, MD

GO TO NASSCO.ORG TO VIEW THE FULL SCHEDULE
It's All In The Touch

We developed our data collection process specifically to enable the user in the field to collect data without having to manage multiple screens and complex database software programs. A simple touchscreen interface makes the use of AssetDMS more second nature than work.

$2500.00
PER LICENSE

Call 800-443-3761 today for your free online demo

4806 Wright Drive, Bldg C, Smyrna GA 30082 · 800.443.3761 | 770.435.8991 sales@assetdms.com · www.assetdms.com