

The 10th Annual APWA Colorado Chapter Conference

SHAPING THE FUTURE

October 21 - 22, 2024 Denver Marriott West | Golden, CO





Monday At-A-Glance

Thank You To Our Event Level Exhibitors!











Featured Sessions: Monday, October 21

ROOM	GRAND BALLROOM	
7:30 AM - 8:00 AM	Registration/Coffee	
8:00 AM - 8:30 AM	Welcome & Conference Opening Chuck Weiss, Annual Chapter Conference Committee Chair and Jay Goldie, APWA Colorado Chapter President	
8:30 AM - 9:25 AM	I-70 Floyd Hill to the Veterans Memorial Tunnels	
9:30 AM - 10:20 AM	Leadership in the Modern Age	
10:20 AM - 10:40 AM	BREAK - VISIT OUR EXHIBITORS	
ROOM	KEYSTONE & TELLURIDE	MONARCH
10:40 AM - 11:30 AM	Nothing Is Simple Anymore - How the Iliff Avenue Project Demonstrates Changing Times	Context Sensitive Solutions for Improving South Dakota Black Hills Corridors
11:30 AM - 12:55 PM	Lunch and Keynote Speaker Keith Reester Presenting "It's About the Journey - 500 Miles on the Colorado Trail" - GRAND BALLROOM	
1:00 PM - 1:50 PM	The Use of AI in Infrastructure Management and Proactive Customer Service	Pavement Asset Management: An Excellent Return on Investment
1:55 PM - 2:45 PM	ROWS, DOTI, SUDP, TABOR and Other Confusing Acronyms: Reworking Denver's Right-of-Way Fee Model	30th & Colorado Underpass & Protected Intersection
2:45 PM - 3:00 PM	BREAK - VISIT OUR EXHIBITORS	
3:00 PM - 3:50 PM	Boulder Snow Removal: A Comprehensive Approach	Asphalt Industry Update, Trends & Environmental / Sustainability Efforts Impacting the Future for Local Agencies
3:55 PM - 4:45 PM	Repairing Rusted Culverts In Place	Gravity SucksBut Your Pavements Don't Have To!
4:45 PM - 6:00 PM	Happy Hour Reception Featuring Magician and Mentalist Shawn Preston - LOBBY	SPONSORED BY

Shaping the Future



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Featured Sessions: Tuesday, October 22

ROOM	GRAND BALLROOM	
8:00 AM - 8:25 AM	Registration/Coffee	
8:30 AM - 9:25 AM	I-25 Segments 5 & 6: Delivering a CMGC Mega Project	
ROOM	KEYSTONE & TELLURIDE	MONARCH
9:30 AM - 10:20 AM	Connecting Public Spaces with the Delgany Interceptor Relocation of National Western Center	Navigating the Journey to Effective Asset Management: Lessons Learned from Mesa County
10:25 AM - 11:15 AM	Shift Happens: Navigating a Highway Relocation for Future Water	A Mental Shift - Breaking Barriers for Engineering Professionals
11:15 AM - 11:30 AM	BREAK - VISIT OUR EXHIBITORS	
11:30 AM - 1:00 PM	Colorado Chapter Annual Awards Luncheon & Closing Comments - GRAND BALLROOM	



Visit us online at colorado.apwa.org



Monday, October 21

Welcome and Opening Comments 8:00 am - 8:30 am - GRAND BALLROOM

Welcome from Chuck Weiss, Annual Chapter Conference Committee Chair and Jay Goldie, APWA Colorado Chapter President.

I-70 Floyd Hill to the Veterans Memorial Tunnels

8:30 am - 9:25 am - GRAND BALLROOM

Presented By: Kurt Kionka, Floyd Hill Project Director, CDOT and Amy Saxton, Strategic & Community Planning Division Director, Clear Creek County

The I-70 Floyd Hill project is reconstructing eight miles of I-70 from west of Evergreen to east of Idaho Springs. Learn more about how the project is being delivered using a Construction Manager General Contractor (CM/GC) method and utilizes the I-70 Mountain Corridor Context Sensitive Solutions Process.

Leadership in the Modern Age 9:30 am - 10:20 am - GRAND BALLROOM

Presented By: Mike Coffey, Retired Regional Director / Technical Expert, Alaska DOT&PF / EnviroTech Services LLC

The modern world presents a unique set of challenges and opportunities for leaders. Today's leaders must navigate a complex and interconnected

About Our Event Exhibitor Bohannan Huston, Inc.

Bohannan Huston, Inc. (BHI), founded in 1959, is a privately owned civil engineering firm serving the Southwest and Rocky Mountain West regions. BHI specializes in engineering, planning, surveying, mapping, and construction phase services. Their landscape of rapid technological advancement and globalization. The traditional top-down leadership model has given way to a more collaborative approach that involves breaking down silos and promoting open communication and idea-sharing among team members. This presentation will provide lessons learned with these new approaches from a long-time public works leader.

Nothing Is Simple Anymore - How the Iliff Avenue Project Demonstrates Changing Times 10:40 am - 11:30 am - KEYSTONE & TELLURIDE

Presented By: Ryan Seacrist, Capital Improvements Program Manager, Bob Garcia, CIP Engineer III, Arapahoe County, Sara Ciasto, Transportation Market Leader, David Evans and Associates, Inc. From planning through construction, the Iliff Avenue project faced down adversity and drove changes in County processes. The project started with a planning study, navigated challenges through design, went to bid as COVID hit, and persevered through stakeholder challenges in construction. The lessons learned on this project provide guidance for future planning, design, and construction projects.



Bohannan 🛦 Huston

exceptional reputation is built upon a spirit of service and unwavering commitment to client satisfaction. BHI pursues their work with a commitment to integrity, innovation, and excellence. Learn more at bhinc.com.



Monday, October 21

Context Sensitive Solutions for Improving South Dakota Black Hills Corridors 10:40 am - 11:30 am - MONARCH

Presented By: Lyle DeVries, Project Manager, Michelle Stevens, Project Design Lead, Felsburg Holt & Ullevig

The South Dakota Department of Transportation (SDDOT) determined that more focused planning efforts were needed to ensure that the beautiful, unique transportation corridors that traverse the Black Hills remain special, while serving a diverse transportation workload. The Black Hills Context Sensitive Corridors Study was conceived to establish a shared future vision for 17 roads, and advance context sensitive improvement concepts for a select short list of high priority roads. A creative and effective analysis was conducted to focus on the specific improvements needed and to prioritize each of these corridors with available funding. This methodology could help with improving sensitive corridors throughout Colorado. This presentation will provide a window into the process and outcomes associated with this important project. Public/agency involvement, context sensitive design, travel safety and corridor planning will be featured.

Lunch and Keynote Speaker Keith Reester Presenting "It's About the Journey - 500 Miles on the Colorado Trail" 11:30 am - 12:55 pm - GRAND BALLROOM

Presented By: Keith Reester

We all strive to be present and live in the moment, but it's hard in today's fast-paced, multi-tasking world. In 2022, Keith Reester hiked the entire 500 miles of the Colorado Trail — averaging over 10,300 feet and "mile for mile the most beautiful trail in America." Just putting one foot in front of the other provides a unique path to assess the value of life, what it means to be present, and discover the lessons we can translate to our daily lives.

The Use of AI in Infrastructure Management and Proactive Customer Service 1:00 pm - 1:50 pm - KEYSTONE & TELLURIDE

Presented By: Will Jones, Public Works Deputy Director (Mobility & Safety Operations), Mike Libretti and Levi Nelson, Infrastructure Services Crew Supervisors, City of Greeley

Al streamlines damaged infrastructure management by enabling real-time assessment and monitoring, allowing authorities to quickly identify and prioritize infrastructure that need repair and other items that

About Our Event Exhibitor Concrete Stabilization Technologies

Concrete Stabilization Technologies is committed to partnering with municipalities, counties, DOT's, engineers, and others to provide effective, sustainable solutions for maintaining, repairing, and extending the life of concrete and asphalt pavement, infrastructure, buildings, foundations, facilities, and slabs of all kinds. We use advanced polyurethane injection technology to efficiently and effectively repair settlement and instability of these assets, also treating weakened sub-grade soil and voids beneath them, providing renewed and long-lasting support strength. We also repair corrugated metal pipe invert deterioration and storm and wastewater manhole and pipe leaks. CST is a pioneer in the non-destructive, no-excavation and deep soil polyurethane injection industry. Offering a superior alternative to remove and replace or other methods, we have been serving clients in the Rocky Mountain region and elsewhere since 1996. Learn more at www.cststabilization.com.



need to be addressed by Public Works. Learn how the City of Greeley has utilized AI to improve and streamline processes with their work order management system and facilitate proactive customer service for its residents.

Pavement Asset Management: An Excellent Return on Investment 1:00 pm - 1:50 pm - MONARCH

Presented By: Travis Greiman, Project Manager, Jess Hastings, Division Manager, Benesch and Matthew Matuszewski, Capital Improvements Program Manager, City of Littleton

Learn how to apply asset management principles to manage a street network — including high-level strategies, recommendations, and real-world examples.

ROWS, DOTI, SUDP, TABOR and Other Confusing Acronyms: Reworking Denver's Right-of-Way Fee Model 1:55 pm - 2:45 pm - KEYSTONE & TELLURIDE

Presented By: Aidan Johan, Transportation Planning Analyst, Kimley Horn and Darren Mollendor, Engineer Supervisor, City & County of Denver

In 2023 Denver did a comprehensive review of their right of way fee model to create more sustainable funding for the future. Learn about the methodology and changes that Denver has made, and how they plan to keep pace with rising costs in the future.

Monday, October 21

30th & Colorado Underpass & Protected Intersection 1:55 pm - 2:45 pm - MONARCH

Presented By: Gerrit Slatter, Senior Civil Engineering Manager, City of Boulder and Kevin Dooley, Rocky Mountain Region Transportation Group Manager, Otak The intersection of these two corridors was the focal point of this major Boulder investment in transportation infrastructure. The construction phase was extremely challenging as the intersection is one of the busiest in the city, with high volumes of walkers, bikers, transit takers and drivers each day. This National APWA project of the year award winner for Transportation in the \$5 Million to \$25 Million category has a host of lessons to be learned — from planning and design, through construction.

Boulder Snow Removal: A Comprehensive Approach 3:00 pm - 3:50 pm - KEYSTONE & TELLURIDE

Presented By: Scott Schlecht, Transportation Maintenance Manager, Ben Manibog, Transportation Planner, KLJ Engineering, Stephen Bartels, Project Engineer / Transportation, Olsson

The City of Boulder's Snow and Ice Response Review aimed to review the program's service, discern the community's preferences and needs, understand industry service levels, and consider program changes to better meet goals and expectations. Staff recommended a snow response corresponding

About Our Event Exhibitor Felsburg Holt & Ullevig

Felsburg Holt & Ullevig (FHU) specializes in transportation planning, traffic engineering, and civil engineering design. FHU provides high quality professional services on complex transportation and design problems with emphasis



on the development of creative and results-oriented solutions. FHU's goal is connecting and enhancing communities through thoughtful planning and engineering. Learn more at www.fhueng.com.



to easy-to-communicate categories based on snow event size: Small (trace – 3 inches); Medium (3 – 8 inches); and Large (8 or more inches). The snow clearing network was determined using data-based criteria, resulting in an increase to the service area.

Asphalt Industry Update, Trends & Environmental / Sustainability Efforts Impacting the Future for Local Agencies 3:00 pm - 3:50 pm - MONARCH

Presented By: Mike Skinner, Director of Engineering, Colorado Asphalt Pavement Association

The Colorado Asphalt Pavement Association will provide an industry update of new statewide trends impacting local agency roads and streets programs, including sustainable funding issues impacted by construction costs and inflation, new technology and materials, and environmental/sustainability efforts being adopted and implemented by the industry for local agency transportation infrastructure.

Repairing Rusted Culverts In Place 3:55 pm - 4:45 pm - KEYSTONE & TELLURIDE

Presented By: Richard Hess, Project Manager, Ron Youngman, Field Engineer, Concrete Stabilization Technologies, Inc.

See how the flowlines of rusted CMP's can be repaired, in place, without removing and replacing them — allowing traffic to continue to flow while repairs are made.

Monday, October 21

Gravity Sucks...But Your Pavements Don't Have To! 3:55 pm - 4:45 pm - MONARCH

Presented By: Tom Knostman, Pavement Engineer, City of Fort Collins

Pavements have been around since the Romans. Built the Appian Way, what is there to rethink? Surprisingly, a great deal. Pavement structural designs that were developed in the 1950's are still in use today, but are grossly out of date. New materials, better understanding of the way pavements break down, and better design tools allow us a chance to challenge gravity and to build roads that perform, economically, environmentally, and socially.

Happy Hour Reception Featuring Magician and Mentalist Shawn Preston 4:45 pm - 6:00 pm - LOBBY

Mix and mingle with your peers during Happy Hour sponsored by **Benesch**. Plus, Shawn Preston, award-winning professional Mentalist, Comedy Magician, Sleight of Hand Sponsored by





Expert, and Corporate Entertainer will move among small groups during the happy hour, sharing amazing feats, right before your eyes.

About Our Event Exhibitor HR Green

Founded in 1913, HR Green is one of America's longest-operating design and construction firms serving the following markets: Broadband, Construction, Environmental, Geospatial, Governmental, Land Development, Planning, Transportation, and Water. Learn more at www.hrgreen.com.



Tuesday, October 22

I-25 Segments 5 & 6: Delivering a CMGC Mega Project

8:30 am - 9:25 am - GRAND BALLROOM Presented By: Abra Geissler, I-25 North Program Manager, Segments 5 & 6 Project Director, Ben Rowles, Segments 5 & 6 Construction Manager, CDOT

Abra and Ben have been an integral part of the I-25 Segments 5 & 6 project management team since its inception in 2018. With project completion slated for 2028, a decade after commencement, the team has developed and fostered processes, tools, and relationships to successfully deliver this "marathon" project. Abra and Ben will dive into real-world examples that will put the project team's trials, tribulations, lessons learned, and best practices front row center for audience take aways and possible use on their own projects.

Connecting Public Spaces with the Delgany Interceptor Relocation of National Western Center

9:30 am - 10:20 am - KEYSTONE & TELLURIDE

Presented By: Christi Wisleder, Civil Project Manager, Eric Hein, Senior Technical Manager, Merrick & Company

The Delgany Interceptor Relocation design and construction balanced meeting the challenging

technical, resiliency, and maintainability requirements for the sewer utility owner and fulfilling the campus vision for access to the riverfront. Coordination and alignment with construction phasing and schedule were critical. Discussion will include how with construction underway, postponement of the 2021 annual Stock Show and impacts of the COVID-19 pandemic prompted an accelerated schedule to prepare for the 2022 annual Stock Show and continued campus development.

Navigating the Journey to Effective Asset Management: Lessons Learned from Mesa County 9:30 am - 10:20 am - MONARCH

Presented By: Laura Page, Engineering Division Director, Rob Hale, Asset Manager, Mesa County Hear about some of the lessons learned from Mesa County during the implementation of its Asset Management program — from software selection to training of maintenance personnel.



About Our Event Exhibitor JJ Kane Auctions

At JJ Kane Auctions, we make selling easy. Our proven approach establishes a marketplace connecting equipment with buyers worldwide. JJ Kane Auctions creates a competitive bidding process that achieves the highest returns for your assets. Our advanced digital marketing efforts globally attract a large number of new bidders, as



well as thousands of return bidders, to every auction. Our wide variety of auction items make our events unique and appeal to the masses. We take care of all pre-auction listings, and handle all payments and titles. Items sell as is, with no preparation costs. Learn more at jjkane.com.



Tuesday, October 22

Shift Happens: Navigating a Highway Relocation for Future Water Storage 10:25 am - 11:15 am - KEYSTONE & TELLURIDE

Presented By: Stephanie Cecil, Senior Project Manager, Northern Water

What happens when seven miles of a state highway need to be rerouted for a water supply project? This presentation will discuss design considerations and constraints for developing a new highway alignment that is a critical path in the overall Northern Integrated Supply Project (NISP), a new regional water supply project. The current alignment of US Highway 287 goes through the planned footprint of Glade Reservoir, so approximately seven miles must be realigned and relocated east as a two-lane arterial roadway. Northern Water continues to work closely with CDOT to ensure the design requirements and construction planning meet all regulatory standards for CDOT.

A Mental Shift - Breaking Barriers for Engineering Professionals 10:25 am - 11:15 am - MONARCH

Presented By: Christopher Montoya, Assistant Director of Public Works, City of Brighton

Common engineering professionals tend to operate within the context of calculations, data, and technical analysis, yet leave a gap between key marketing considerations, business process, customer experience, and strategic goal targeting and should embrace a mental shift. Become a future professional that builds the path for decades.

APWA Colorado Chapter Annual Awards Luncheon and Closing Comments 11:30 am - 1:00 pm - GRAND BALLROOM





About Our Event Exhibitor KLJ Engineering

Since the 1930s, KLJ has worked alongside communities and clients of all sizes; partnering with cities, counties, DOTs, tribes, private clients, and developers — just to name a few. At KLJ, we plan, design, and support infrastructure across the country such as roads, runways, pipelines, and parks. We create solutions that turn visions into reality and improve the lives of people and communities across the nation. We do this by focusing on a business



model that puts the customer first, providing an exceptional experience that truly reimagines what projects can become. KLJ has office locations that span several states and cities, but that doesn't mean we only work from those locations. We're proud to say we work in various geographies and markets across the nation and with the right people, in the right place, at the right time, we're helping communities move forward and grow. Learn more at www.kljeng.com.

