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CONTACT US

PHONE: 303-641-6150

E-MAIL: office@co-asphalt.com

WEBSITE: co-asphalt.com

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@coloAsphaltPavementAssociation



@coloradoasphaltpavementassociation



@colorado_asphjal_pavement-asso

A Word from CAPA's Director of Engineering



Success using Municipal Tax Measures for Road Funding

The value of implementing a pavement preservation program for municipal infrastructure systems is well documented. From a roadway supervisor for a rural county to the Chief Engineer of a State Department of Transportation, all agree that pavement preservation activities are the most effective use of limited budgetary dollars to maintain roadway serviceability. However, top level decision makers are generally not well informed of the extreme benefits of preservation programs. In times of government fiscal crisis and revenue shortfalls, these programs funds can be significantly reduced, temporarily suspended or reallocated. Pavement Preservation Program Managers need to inform the top-level decision makers of the key importance of these programs and offer realistic solutions to their fiscal/budget crisis.

To address the annual shortfall of funding dedicated to Public Works infrastructure, Local Agencies are continuing to take the issue directly to the voters and asking for their support. This model of success is being implemented in Local Agencies across the state in hopes of passing their own initiatives for infrastructure. Addressing street budget shortfall at the local level has proven to be much more successful than trying to pass statewide measures. Its not too early to begin thinking about ballot initiatives for Nov 2021 and beyond. Sharing knowledge is a critical component of advancing asset management practice. CAPA is an invaluable resource on how local agencies across Colorado are successfully passing Street Funding initiatives to increase funding for streets programs and successfully implementing Transportation Asset Management Programs. Call us, we can help.



Director of Engineering

Work Zone Awareness!



Road work crews are filled with moms and dads. Slow down when you're entering a work zone to keep them safe.

The Colorado Asphalt Pavement Association, in cooperation with the Asphalt Pavement Alliance (APA), encourages you to take part in the Watch For Us safety campaign focused on building awareness surrounding the importance of driving safely through work zones.

Don't let distractions stop you from driving safely. Silence your phone and keep your eyes on the road to ensure you're keeping our roads safe.



Workers' Memorial Day



On Workers Memorial Day, we honor those who died or were injured on the job in roadway work zones.

Today and every day, remember to practice road safety while driving to help keep road crews safe as they deliver top-notch asphalt routes.

MEMBERS SPOTLIGHT



AGW

A.G. WASSENAAR, INC.



AGW, a long standing CAPA member, is a multi-disciplined consulting engineering firm specializing in the geosciences and environmental services. More specifically, geotechnical and pavement engineering, materials testing, construction observation services, remedial foundation and pavement studies, environmental evaluations, oil and gas compliance services, industrial hygiene, OSHA compliance audits, and air contaminant sampling and control.

AGW was founded in 1972 to provide geotechnical engineering services and related construction observations for the Rocky Mountain Region. Their comprehensive scope of geotechnical and construction related services are offered throughout Colorado and environmental and safety-related services are offered throughout the United States and Canada. AGW has extensive geotechnical experience with Residential, Commercial, Land Development, School, Municipal, Power-line Corridor, Dam, Roadway and other infrastructure related projects. The environmental department has extensive experience in Site Assessment, Asbestos, Indoor Air Quality, Industrial Hygiene, OSHA Compliance, Storage Tanks Remediation and Chemical Spills. AGW's clients represent all sectors of the construction industry, including both private and public entities.



the Wahlstrom Quarry in Clear Creek County. A highlight was witnessing a rock blast at the quarry.



Albert Frei and Sons

CAPA partnered with **Associate Member Albert Frei & Sons** to host the Business Council of the Centennial Institute for a briefing and facility tour on Friday, April 23. The event included a joint presentation and included a tour of



ASSOCIATION NEWS

WOMEN OF ASPHALT— COLORADO BRANCH

Golf Tournament

SAVE THE DATE: Friday May 14, 2021

1st Annual Women of Asphalt Colorado Branch Golf Tournament
Homestead Course
Lakewood, CO

EVENT DETAILS:
11500 W Hampden Ave,
Lakewood, CO 80227
8:15am Shotgun Start
4 person Scramble format

Registration is open, register today,
Sponsor today!
Limited to 112 players

Proceeds to benefit the Women
of Asphalt - Colorado,
Training Academy

<https://www.co-asphalt.com/women-of-asphalt-colorado>

The Colorado Women of Asphalt will be holding the 1st annual "Women of Asphalt - Colorado" Golf tournament fund Raiser on May 14, 2021. REGISTRATION IS OPEN NOW at www.co-asphalt.com/women-of-asphalt-colorado. GET IN EARLY AS THE TOURNAMENT IS LIMITED TO 112 PLAYERS. To become part of this effort, sponsor early or volunteer, please contact any of the leadership team, Nicki Upright, Tammy Buck, Jo Taylor or Natalie Ulven to inquire about or commit to one or more of the sponsorship levels

or look at this for the sponsorship opportunities. More information on this event at www.co-asphalt.com/women-of-asphalt-colorado.

"I Love Asphalt" Industry Appreciation Day & Equipment

Wednesday May 5th at the Mesa County Fair Grounds
These events will Showcase various equipment dealers and their represented equipment as well as other Asphalt industry vendors with their products or services. The expo will run from 10:30 am - 1:30 pm at both locations. There will be FREE Lunch for all REGISTERED attendees. To register for these events visit the RMACES at www.rmaces.org.



Exhibit space is still available. For more information visit the RMACES web site www.rmaces.org



INDUSTRY UPDATE

NAPA Engineering, Research & Technology: Going Paperless

It wasn't that long ago when the construction industry thought e-ticketing was the wave of the future; however, over the past 12 months, a pandemic pushed this technology to the forefront of the construction industry's priorities to aid in social distancing and promote a safer culture. In NAPA's latest podcast episode of *Pave It Black*, Brett and Richard talk with Dan Ganoe of Lindy Paving about the implementation of e-ticketing and what it takes to move to a paperless world. States agencies and industry are adopting protocols to prevent the spread of the coronavirus. While some of these practices may end post-COVID-19, it seems e-ticketing may endure. Currently, numerous states are looking at moving in the direction of e-ticketing.



New NAPA Report on Asphalt Pavement Resilience



RESILIENT ASPHALT PAVEMENTS Industry Solutions for the Resilience Goal

NAPA Report by
• Benjamin F. Bowers, PhD, PE,
Assistant Professor, Auburn University, Auburn, Alabama
• Fan Gu, PhD, PE,
Assistant Research Professor, National Center for Asphalt Technology,
Auburn University, Auburn, Alabama



Sustainability in Practice 105

What does resilience mean in the context of asphalt pavements? NAPA's new report, *Resilient Asphalt Pavements – Industry Solutions for the Resilience Goal*, provides the first compendium of information about resilience for the asphalt industry. Evaluating infrastructure resilience involves examining vulnerability and risk to a disruptive event (e.g., natural disaster) and ascertaining employable adaptive strategies that address that risk, thus becoming more resilient. Resilience can take many forms, including “hardening,” or strengthening the asset; creating methods to reduce, but not eliminate, the impact of a potential disruption through adaptive strategies; accepting that damage may occur and creating a plan for rapid coordination, response, and renewal; or abandonment altogether due to risk/fiscal constraints. The challenge and opportunity before engineers, designers, and producers is how to make our pavement network more resilient. There are attributes of asphalt pavement materials, designs, and asset management strategies that can be leveraged as tools to address resilience, though many of them are not traditionally viewed through the lens of resilience.

Funded by the Pavement Economics Committee, the report highlights the available technologies and practices that can be leveraged as tools to enhance the resilience of asphalt pavements and transportation networks as a whole. The report also includes a case study exploring how some of these tools were put to use when repairing severely damaged highways during the catastrophic 2019 floods in Iowa.

APA's 'Asphalt Performs' Initiative

Driving on smooth asphalt pavement doesn't just reduce wear on your tires, it also leads to lower fuel consumption.

By using reclaimed asphalt pavement, the asphalt industry was able to remove the equivalent of 520K passenger cars from the roadway in 2019.

The Colorado Asphalt Pavement Association, in cooperation with the Asphalt Pavement Alliance (APA), encourages you to take part in the #EarthDay initiative focused on building awareness surrounding the use of asphalt pavement.



Thin asphalt overlays (Thinlay) are cost-effective preservation options for our nation's roadways.

Please join the Colorado Asphalt Pavement Association, in collaboration with the Asphalt Pavement Alliance, in raising awareness surrounding the use of asphalt pavements.

Highways are the backbone of our country, driving freedom, our comfort at home, job creation, economic recovery, American manufacturing, connection, and more.

In order for the American economy to thrive, we need to invest in maintaining the roads that get us where we need to go.

Investing in highways is an investment in every community and industry across our nation.

CAPA joins the @HighwayMaterialsGroup in supporting the Highways Drive America Campaign for highway infrastructure.



Do you have a question for ASPHALT MAN?

QUESTION: Does CAPA have any information on asphalt production and odor?



ANSWER: Just because asphalt has an odor or you can smell it, doesn't mean it is harmful. The asphalt production industry is closely regulated and operate well within the restrictions set by the US EPA and the state air pollution control requirements.

Modern asphalt plants are quitter, cleaner and more energy efficient than ever before. They operate with state of the art technology and best management practices to minimize impact. The US EPA has de-listed asphalt plants from the list of major polluters.

Warm mix asphalt is a technology being used to reduce plant production temperatures and reduce the emissions and odor.

For more information, visit www.safeasphalt.org

In Memoriam

Herman Altergott, a former CAPA Board of Director and one of the original inductees into the Colorado Asphalt Hall of Fame, passed away last evening. He worked for Aggregate Industries and its predecessor companies for many years. Herman was the father of Mike Altergott, a Senior Estimator at AI.

Herman was a wonderful person, a great industry advocate and will be missed. Our deepest condolences go out to the Altergott family. The funeral for Herman was held on Friday April 30, 2021 at St. Paul's Congregational Church in Greeley



Follow our social pages for more information:

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 : @ColoradoAsphaltPavement Association



Tom Peterson



Tom Clayton



Mike Skinner