



IN FRONT OF THE PAVER

March 2022

Membership Newsletter

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A Word from the Director of Engineering

The Asphalt Pavement Alliance polled drivers across the United States asking what matters to them. A few key findings included:

Common Roadway Issues. Issues faced in the Past Year

Potholes/Cracking Pavement – 39%

Road Noise 38%

Poor Drainage – 41%

Roadway Joints – 38%

Kids in the Roadway – 38%

Worn of Road – 12%

They want them asked about their Maintenance Preferences

Lanes receive repairs during off peak hours (88%) vs. Lanes shut down for repair (10%).

Smooth surface/pothole repairs (88%) vs. less smooth no repairs (27%).

Paved/road every 12-18 yrs. (88%) vs. white every 12-18 yrs. & repave every 20-30 yrs. (12%).

When asked about priorities when building/rebuilding roads, their top response (88%) needed roads that last with regular maintenance.

The result: Drivers don't necessarily pay attention to which pavement type they are driving on. However, they want roads that last and update maintenance that offers a smooth ride. Asphalt is the answer.



Mike Sklarson

Mike Sklarson, PE

Director of Engineering

MikeSklarson@asphaltalliance.com

The "Best in Colorado" Award winners have been announced. We had another year of great competitors from the 67 projects submitted from around Colorado. You can see all of the award winning projects by visiting the CAPA ["Best in Colorado" Awards Program](#) [page](#).



Still thinking about your 2020 projects now and get them ready to be submitted in the fall. Questions about the "Best in Colorado" Awards program, Contact [Steve Johnson](#).

[Annual Conference Feedback](#)



We are generally pleased with the results of the 68th annual [Rocky Mountain Asphalt Conference & Exhibition Show](#) held on February 8-9, 2020. We successfully moved to a new venue – the National Western Complex, we had a surge of trade registrations and exceeded 800 paid attendees with a total attendance estimated at 1,200, and feedback was generally positive with many great ideas to make the second year at this new location even better.

Feedback can be made online, [in-person](#) and [offline](#) or just send me an [email](#).

CAPA Endorses Joe O'Dea for US Senate

The CAPA Executive Board has unanimously approved an endorsement of [Joe O'Dea for US Senate](#). Joe is the President/CEO of CM, a former President of CCA and has strong industry ties. Joe met with the CAPA Board of Directors on December 10 and presented at our Christmas Luncheon. He emphasized that he will be a voice for fiscal discipline, responsible government, and lowering the budget.



[MEMBER SPOTLIGHT](#)



Valley Equipment Leasing company was established in 1980 and has been responsible for providing outstanding Customer Service in the Transportation Industry ever since. Our specialty is in Tankers (Hazard, National Gas, Ethanol, Chemicals). Our customers particularly value our exceptional service and willingness to meet their specific needs.



CAPA Welcomes New Member

Roll In Construction, Roll in over 100 years of construction experience, we speak your language. We understand your challenges firsthand which is why we built Treva. We use our extensive experience, knowledge and expertise in the construction industry as the foundation for our construction equipment management system. We understand that knowledge is power. Automation, information, location and reporting will give you a competitive edge. Reach out to local representation ([John Campbell](#)) for more information or a demonstration. 2024-02-20/2024



ASSOCIATION NEWS



Assignar

DACS
ASPHALT & CONCRETE

Women of Asphalt, Colorado

The Colorado Branch of Women of Asphalt continues to build relationships and activities. The upcoming meetings and activities are:

The Women of Asphalt - Colorado are announcing their Second session for the Training Academy which will be held on a Saturday in March 16, 2023 from 8am to 1pm. LUNCH WILL BE PROVIDED. This session will be held in the EMARC Training Room @ 6882 South Yosemite Court, Centennial, CO 80112. The title is "When Everything Goes Wrong - Career Paths"

This session will be led by Andy Weller from Roadtek Consulting with Cindy Ballouette of from the EMARC and other industry experts. This session is limited to 20 people. Pre-Registration is required.

[Please see this link for more info.](#)

Future Training Academy Sessions will be held:

June 8am to 1pm - EDW Prep - Demo - Surface Prep - Drainage & Drainage Structures - Barbecue - Plan Reading Assignment
October 2023 - 8am to 1pm - Planning - Finance & Design - Planning - Project Delivery Method - Structures/SDMP

Registration is open for the 2023 Women of Asphalt 3rd Annual Golf Tournament Sponsored in part by DACS Asphalt and Concrete, will be held at Homestead Golf Course in Lakewood on Friday May 12, 2023 with an 8:00am assemble start. Ten tournaments. Min sponsor is DACS. After play there will be a lunch and awards.

Registration is \$60 for a 6 some or \$70 for individual players. The Women of Asphalt Are seeking Players as well as sponsors. [Click for an overview for us for this link.](#)

For more information, contact [Tamara Black](#).



Great Value in Having Training Through CAI* A

Tom Clayton recently completed a 2 day Paving Training with Aggregate Industries. Feedback from Elias Woloski: "The training was great, thanks. Tom Clayton was very effective, got the group talking, made it fun, and made both days worthwhile. Appreciate the knowledge and hospitality. We sure will have Tom out to our jobs this year". Max Woloski, General Manager - Contracting & Asphalt, Aggregate Industries. [Click for an overview for us for this link.](#)



2021 Partner of the Year Award Douglas County Public Works Engineering

Each year CAPW recognizes an organization that we have partnered with to make significant progress in advancing our industry. Previous recipients include Colorado State University, the Metropolitan Government and Pavement Engineers Council, the Colorado Airport Operators Association, the Colorado DOT and others.

At the 2021 "Best in Colorado" Award Dinner CAPW recognized Douglas County with our 2021 Partner of the Year Award. This was the first time our association has recognized an individual local agency, instead of a statewide organization.

This honor is in recognition of

- The long-standing partnership between Douglas County and CAPW.
- The completion and implementation of the revised roadway specifications.
- The proactive approach of the county to embrace new technology and program improvements.

We'd like to individually recognize Peter George (Engineering Inspection Supervisor), Dan Roberts (Assistant Director of Operations), Ad Delfino (Capital Projects Manager) and Jerald Herman (Public Works Engineering Director). Congratulations!

Photo above Douglas County Board of County Commissioners Meeting, 3/22/2022

(left to right, Commissioners Lisa Thomas, Tom Polanco – CAPW, Jerald Thomas, Dan Roberts, and Ad Delfino – DuCo PW Engineering, Commissioner George Trol, Commissioner Ron Layton).

INDUSTRY UPDATE



Spotlight on SMA

Stone matrix asphalt (SMA) is a gap-graded HMA that is designed to maximize rolling resistance and durability by using a structural matrix of stone-on-stone contact. Rut resistance relies on aggregate properties rather than asphalt binder properties. Therefore, SMA is almost exclusively used for surface courses on high volume roads. Local agencies have been using SMA for their arterial overlay programs and discovering a 30% increase in service life of the overlay. The City of Aurora and the City of Silverdale have established SMA programs and other agencies are starting to implement its use (Superior, Englewood and Douglas County). For more technical support, contact [Mike Blumey](#), CAPW's Director of Engineering.

News from NAPA

Visit the [NAPA website](#) to learn more about the asphalt industry initiative. "The asphalt pavement industry is committed to being part of the environmental solution. As a multigenerational, family-owned company, we're not being pressured by investors and customers to do this. We're taking the initiative ourselves," said Dan Gallagher, President of Gallagher Asphalt Corp. and Vice Chair of MAPA's Climate Stewardship Task Force. "Because when I think about my children and grandchildren, I know this is what we need to do for our families, our communities, our companies, and our industry."

Watch a short, [engaging video](#) (less than 2 minutes) that sets the stage for members and partners to join this industry-wide effort. As part of a global coalition, the United States has committed to reduce carbon emissions and halt climate change. Joining other industries across the country, the asphalt pavement industry is committed to being part of the solution. "As a multigenerational, family-owned company, we're not being pressured by investors and customers to do this. We're taking the initiative ourselves," said Dan Gallagher, President of Gallagher Asphalt Corp. and Vice Chair of MAPA's Climate Stewardship Task Force. "Because when I think about my children and grandchildren, I know this is what we need to do for our families, our communities, our companies, and our industry."



Upcoming NAPA Webinars

Roadblock Webinars (March 8) – Presentations will explore how roadblock incidents in cases of traffic jams can be avoided for country in the APWA/NAPA webinars, [“Reduction of Roadblock Incidents Following Roadwork and Project Close Events”](#) at 2 p.m. ET on Tuesday, March 8.

RPOs Webinars (March 16) – Pavement owners are increasingly looking for low carbon pavement materials, and they are turning to environmental product declarations (EPDs) as a requirement for paving contractors and mix producers. Learn from NAPA experts about EPDs and their uses during [“Environmental Product Declarations: What They Are & How To Use Them”](#) at 1 p.m. ET on Wednesday, March 16.

State Asphalt Pavement Associations

Since its inception in 1958, the State Asphalt Pavement Association has been the thought leader of the asphalt industry, represented by local asphalt pavement association leaders across the U.S. SAPAs committed to our industry's growth and professionalism has been at the forefront of our meetings and discussions over the years. SAPA has rolled out their [www.asphaltnapa.org](#)



INDUSTRY CALENDAR

Task Force & Committee Meetings

[RPO Work Group](#) Meeting: March 16 @ CAPA Office 1:00

LabCAT Technical Committee, Thursday March 17 @ 9:00am

Women of Asphalt: Golf Committee March 17th 2-11:00am

CAPA Marketing Committee March 17 @ 1:30pm

CAPA Safety Council Meeting, Friday March 18, 2022

[World of Asphalt](#): March 29-31, Nashville, TN. Tom Clayton will be attending and representing CAPA.

ATSSA Safety Committee quarterly Meeting April 13 in the RMAGD Training Room 1pm to 3pm [Registration is required to attend](#)

CAPA Annual [CAAAGGOT: Aggregate & Stone Industry Lunch Meeting](#) April 5 @ 12:00 - 1:00 (details to follow).

[AGWA Colorado Street and Street Rehabilitation](#), April 19 and 20, Doubletree Hotel, Grand Junction

Asphalt Industry Forum Meeting, Thursday April 28, 2022 @ 11:30am at Granann Sand and Gravel, 5901 Lipan Street, Denver, CO



March 29-31, 2022 | Nashville, TN

World of Asphalt is Back for 2022

World of Asphalt is the leading asphalt trade show and conference. Industry manufacturers and service providers in the aggregate, asphalt, pavement maintenance, and traffic safety industry come together to showcase their latest products and technologies.

The next show will be held March 29-31, 2022, in Nashville, Tennessee. World of Asphalt and AGG1 is held every year except for when COVID-19/COVID is held. [REGISTER NOW](#)

TOP REASONS TO ATTEND

Compare equipment from 400 exhibitors

Develop your team with 180 education sessions

Talk business challenges with peers and manufacturers Co-located with AGG1 Aggregates Academy & Expo, the aggregate industry exposition and education resource.



NAPA Launches Career Pathways Site

NAPA has developed a new tool for members to use in their recruiting efforts – a [www.asphaltnapa.org/career-pathways](#) that shows potential asphalt industry employees the wide range of industry jobs available along with advancement pathways. Potential recruits can see the skills needed for various jobs, the typical amount of time until advancement, average nationwide salaries, and more. The site links to [NAPA's Search Jobs site](#), so users can see employment openings and click there to allow potential employees to apply for your job opportunities. For questions or feedback on the site, [contact Kelly Ramsey](#).

APA's 'Asphalt Performs'



National Trivia Day

Recycling asphalt pavement from old roads for future use saved **58 million cubic yards** of materials from going to landfills in 2020.

APA

FRANKLIN D. ROOSEVELT

FOR ESTABLISHED THE WPA TO CREATE MORE JOBS AND BUILD AND REPAIR THE NATION'S INFRASTRUCTURE IN THE WAKE OF THE GREAT DEPRESSION.

HAPPY WASHINGTON DAY!



LabCAT Schedule for 2022

The 2022 schedule of LabCAT certification sessions is available. There are thirteen Standard Levels A, B and C) Sessions, eight Shortcourse Pre-Certification Sessions, five Aggregate Industries Certification Sessions (Level B), and two Level A only sessions scheduled. In addition there are eleven Asphalt Paving Materials Inspector Sessions which included 3 shortcourse Pre-Certification dates. To see the full schedule, [visit this link](#).

To register for any of the upcoming Certification or Pre-certification Sessions [visit this link](#) to find the appropriate registration forms.

If you have questions about any of the sessions or dates, contact [Steve Wimmer](#) or Call

303.781.8168 Extension 164



Do you have a question for ASPHALT MAN?



QUESTION: Does GPR have load problems for paving 10 thicknesses?

ANSWER: There are industry standards on minimum paving thicknesses based on nominal maximum aggregate size. These standards are incorporated into the CDOT LA Thickness Standards and the CDOT Placement Design Manual (Section 3.6.2) includes guidelines on both minimum and maximum 10 thickness as it pertains to long term pavement performance.

Required Minimum Thickness of Pavement Layer

Compaction of a hot mix asphalt pavement during its construction is the single most important factor that affects the ultimate performance of the pavement. Achieving adequate compaction increases pavement performance by decreasing rutting, reducing damage due to moisture and oxidation, and increasing the stability of the mix. Factors affecting the cooling rate of the mix include the layer thickness, the temperature of the mix when placed, ambient temperature, temperature of the layer, and wind conditions. Layer thickness is the single most important variable in the cooling rate of an asphalt mix, especially for this life. This is especially true in cool weather because this layer of asphalt mix loses heat rapidly to retain heat than thicker lifts of pavement. The thicker layers of asphalt mix help to maintain the temperature at a workable level thus increasing the time available for compaction. Because of the increased difficulty in achieving density and the importance of achieving compaction, a minimum layer thickness for construction is five inches.

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Colorado Asphalt Pavement Association

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