



IN FRONT OF THE PAVER

April 2021 Membership Newsletter

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ISSUE NUMBER 3

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A Word from the Director

Asphalt Spring Training

We all think of baseball when we hear the words spring training and yes, we are looking forward to the start of the baseball season and seeing our Colorado Rockies in action. Spring training also extends to the asphalt industry and we have two excellent asphalt related training opportunities available to your members and agency partners. The first is our Asphalt Technology Short Course. This course is instructed by CAPA Director of Training Tom Clayton and is menu driven. It can be conducted when you want it, where you want it, and how you want it. In other words, we come to you when you want us and train on only the subjects of interest to you and your organization. From construction best practices and equipment operation to testing and specifications. The course can be tailored and taught over an extended lunch to all day. The second course is our Asphalt Lunch and Learns. This 60 to 90 minute course is instructed by CAPA Director of Engineering Mike Skinner. It is intended for engineering staff or public works/consultant personnel and taught over the lunch hour. Key subjects include pavement management, asset management, pavement design, mix design, new technology, strategy selection, etc. This course can also be customized for your particular needs. Both of these courses are offered at No Cost to CAPA members and agency partners and can be found at www.co-asphalt.com/education-and-seminars.

One of the best ways to maximize the value of CAPA membership is to take advantage of these and other training opportunities. We hope to hear from you and support the success of your asphalt plans for 2021. Don't wait too long as the schedule will fill up and we will quickly be in the heat of the construction season.

Sincerely,

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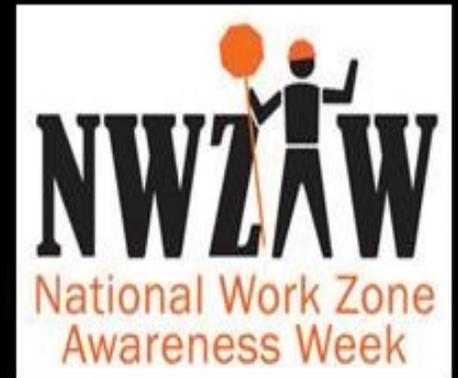
April is Work Zone Awareness Month!

CAPA along with our partners, NAPA and ATSSA will be promoting work Zone awareness for the entire month. NAPA has created a web site. www.watchfor.us for promoting worker and work zone safety. There is an enormous amount of information on this site to use for promotion about worker and work zone safety. ATSSA has from their site, National Work Zone Safety Awareness Week, which is April 26 to 30, 2021. They have an entire section with promotional fliers, hand out materials and videos for the promotion of safety. Watch for new information each week in April to promote Site and Worker Safety.

A moment



can save a life.



CAPA Safety Council: Semi Annual Meeting Held

The CAPA Safety Council met (Virtually) on Friday March 19. There was a robust meeting agenda. There was information presented by Cal Beyer on “Construction worker mental health”. Cal is with CSDZ a Holmes Murphy company. The slides Cal presented are included in the meeting information on the CAPA web site at www.co-asphalt.com/safety. Other topics included innovations in traffic control zones and how Kiewit Infrastructure has changed how they are picking up closures on the Central 70 project.



Shawn Severin, RM Chapter president of ATSSA also made a presentation about what is happening at ATSSA.

The next meeting is scheduled for November 19, 2021

MEMBER SPOTLIGHT



With more than 300 days of sunshine set to the backdrop of the Rocky Mountains, Denver, Colorado is home to our Commerce City refinery, the only petroleum refinery in Colorado and one of the largest in the Rocky Mountain region.

Our 98,000 barrel-per-day Commerce City refinery, a mere 10 minutes from downtown Denver, is a major supplier of gasoline and diesel fuel for Colorado and provides jet fuel used at Denver International Airport. It is also the state's primary producer of paving-grade asphalt for Colorado's roads. A long time member of CAPA, Suncor Energy is an important partner to the Asphalt Industry. Sam Beuke, Manager of Production Control, is a member of the CAPA Board of Directors.

CAPA Continues to Grow: 4 New Members in 2021



- **Balanced Engineering.** Located in the Denver Metro Area. Balanced Engineering LLC was founded to effectively provide construction materials expertise direct to consumers. We will work with you to figure out the most cost effective what, why, where and how for all of your materials. We are built on a foundation of effective communication, respect and expertise. We are a local family-owned business.



- **Evergreen Solutions, LLC.** "We create and supply practical, working solutions with an unprecedented optimization of performance to industry: incorporating product – health, safety and the environment – and real value to the corporate bottom line."



- **Basis Partners.** Basis Partners was founded with the belief that great people, special culture and adept leadership can greatly influence the fields of program and construction management. We are a Colorado-based engineering firm, passionate about providing management of construction projects in a whole new way - with structure, innovation and expertise all in an enjoyable environment.



- **Sinclair Oil.** Sinclair Oil Corporation is an American petroleum corporation, founded by Harry F. Sinclair on May 1, 1916, as the Sinclair Oil and Refining Corporation by combining the assets of 11 small petroleum companies. Originally a New York corporation, Sinclair Oil reincorporated in Wyoming in 1976.

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 @ <https://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 detailed information on this event is on the <https://www.co-asphalt.com/women-of-asphalt-colorado>.

"I Love Asphalt"

Industry Appreciation Day & Equipment

Friday, April 30th at Bandimere Speedway near C-470 and Morrison Road and
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 Rocky Mountain Asphalt Conference and Equipment Show Web page @ www.rmaces.org.

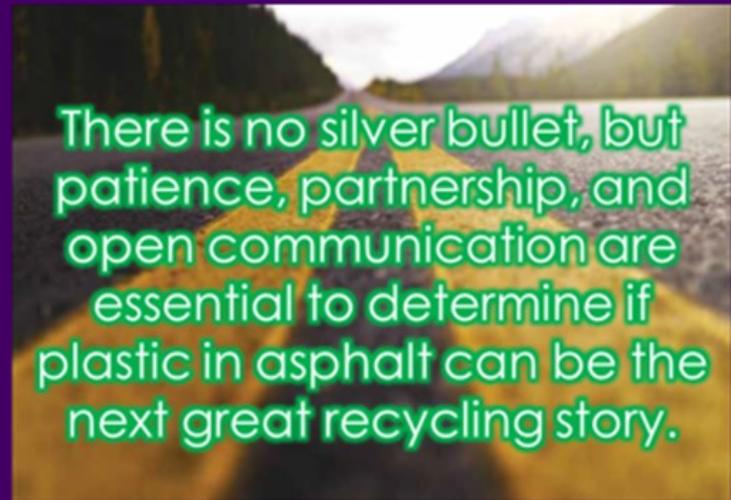
Exhibit space is still available for both of the expos. For more information visit the RMACES web site www.rmaces.org



INDUSTRY UPDATE

Plastics: Incorporating Recycled Materials

The marketing says that it will be the next great thing and will increase the durability of our roadways. However, recycling for the sake of recycling may not be what is best for the longevity of our asphalt pavements. In 2019, NAPA and the Asphalt Institute created a joint task force to evaluate the potential of using recycled plastics in asphalt. The task force hired the National Center for Asphalt Technology to conduct research to evaluate plastics in asphalt. NCAT is also building a test section with recycled plastics into their Test Track to begin performance testing. Asphalt pavements are not linear landfills. Good engineering design is required to assure long-life pavements. As industry advances and makes strides to become an even more sustainable industry, responsible recycling is key to a more sustainable future.



Environmental Issues: NAPA's Outlook

ENVIRONMENTAL JUSTICE The Concrete Industry will continue to promote biased university research projects attempting to highlight perceived environmental concerns of asphalt. NAPA has taken steps to review the research, determine industry impacts, and better position the industry.



ADVOCACY The EPA's new #1 priority is mitigating climate change and wants to reimplement relaxed standards. They will rely on statutory authority and court holdings and "invest in communities battered by decades of pollution."

LIFE CYCLE ANALYSIS New emphasis is being placed on LCA to evaluate and monetize all potential environmental impacts to a project. LCA varies from LCCA which only analyzes construction and maintenance costs over a project's lifespan.

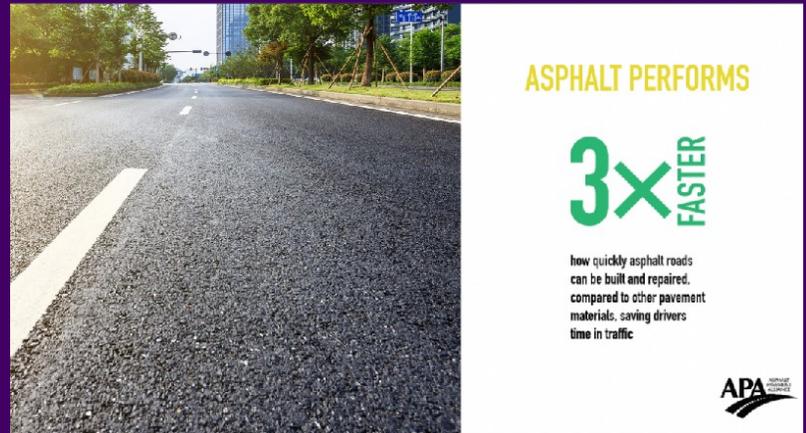
CARBON FOOTPRINT NAPA estimates that within 5 years all producer member companies will be tracking their carbon footprint impacts and reporting it publicly using a dashboard metric on their website.

APA's "Asphalt Performs" Initiative

Communities deserve safe and reliable roads that are flexible for their needs.

Asphalt Performs by reducing traffic and keeping drivers on track to their destinations thanks to its quick speed of construction.

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



ASPHALT SCALES TO YOUR PROJECT'S NEEDS



LEARN MORE AT WWW.DRIVEASPHALT.ORG

You need a pavement material that can scale to meet the needs of your project — and your community. When it comes to flexibility, #AsphaltPerforms.

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

Porous asphalt pavements perform by providing a cost-effective alternative to stormwater management systems. #AsphaltPerforms

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Do you have a question for ASPHALT MAN?



QUESTION: What are the Best Practices for Placement of Stone Matrix Asphalt in Colorado?

ANSWER: Stone Matrix Asphalt (SMA) is a tough, stable, rut-resistant mixture. The SMA design concept relies on stone-on-stone gap-graded aggregate to provide strength with a PG 76-28 polymer modified binder to provide durability. Because SMA mixes have a high asphalt binder content, as the mix sits in the HMA storage silos, transport trucks, and after it is placed, the asphalt binder has a tendency to drain off the aggregate— a phenomenon known as “mix draindown.” Mix draindown is typically combated by adding cellulose or mineral fibers to keep the asphalt binder in place.

Over 3 million tons of SMA have been placed on Colorado roads and highways since 1994. SMA is now the surface material of choice for high profile, high volume roadway where a highly durable, long lasting and skid resistant surface is required, including Interstate highways (I-25 & I-70), urban arterial roadways, high volume intersections and bridge decks. Local Agencies have been successfully placing SMA on arterial roads since 2002.

The Technical document is available on the CAPA website.

LabCAT News : CAPA Expands Training & Technician Certification at CSU – CM

Plans are being finalized to expand the value of CSU CM students taking the asphalt materials course. Students taking the Asphalt Materials Course will then be eligible (with some additional requirements) to become LabCAT Level A certified. Tom Clayton has led a series of meetings with new CSU Asphalt Materials Course Instructor Nicole Dufalla and Heavy Construction Endowed Professor Jeff Wilkes. The new agreement would ease the process of those students seeking summer employment as testing technicians in the asphalt industry. For more information, contact Tom Clayton at tomclayton@co-asphalt.com.



**CONSTRUCTION
MANAGEMENT**
COLORADO STATE UNIVERSITY

Follow our social pages for more info and to register:

 : @ColoAsphaltPavement Association

 : @ColoradoAsphaltPavement Association



Tom Peterson



Tom Clayton



Mike Skinner