

February 2021 Membership Newsletter

VERSION 16

ISSUE NUMBER 2

In This Issue

- Mike McDonald - Safety Perspective
- 2021 Local Agency Pavement Conditions Report
- CSU Construction Management Career Fair
- MGPEC 2021 Conference:
- Asset Prioritization
- Women of Asphalt Golf Tournament
- RMACES Update & Virtual Training
- Asphalt Pavement Alliance: "Asphalt Performs" Initiative
- Asphalt Man
- Upcoming Training/Workshops

Contact Us:

Phone: (303) 741-6150

Email: office@co-asphalt.com

Website: co-asphalt.com

Get Social:

 @ColoAsphaltPavementAssociation

 @ColoradoAsphaltPavementAssociation

 @colorado_asphalt_pavement_asso



**MIKE
MCDONALD**

Kiewit Infrastructure

SAFETY PERSPECTIVE Protecting Our Asphalt Workers

Asphalt pavement work is one of the most challenging professions in the construction industry. Many people say it's more of an art than a science, which may be accurate considering the amount of choreography that is required to make it all work. From the refinery and quarry to the asphalt plant, trucking, laydown, traffic control, QA & QC labs, and techs, to field inspectors, every piece of the puzzle must fit perfectly in order to be successful.

Many in the asphalt business say that it is risky and that's probably because when something does go wrong, it is rarely inexpensive. One slight miscalculation, a missed step in the process, or unforeseen issues have the potential to cause huge ripple effects in the entire operation. Whether these are human errors, equipment breakdowns, or inclement weather, they almost always affect production, quality, and schedule.

Asphalt work is seasonal and temperature-sensitive, therefore, there is always a push to “make hay while the sun shines”. Combine this inherent “Push” with a high production rate where plants are typically producing up to 4,000 TN per day and highway paving covering up to four-lane miles per day, there is little room for error. In addition, our paving crews are often in a new location every week and sometimes every day. When you put all of that together we can all agree that yes, it is a risky business and maybe that is what inspires and motivates us all.

However, the biggest risk we face is the potential of getting someone hurt. Our people are our biggest asset and we must protect them at any cost. The hazards our folks face every day are huge especially when you consider the fast-paced operations, continually changing environments, working in and around specialized equipment as well as working near live traffic. We are constantly moving and don’t have much time to plan our work effectively. As an industry, we must remain diligent in how we plan our work, identifying best practices, and improving workplace safety for our people.

In 2021, here at CAPA, we plan to emphasize safety in the workplace by implementing several initiatives including forming a safety council, partnering with ATSSA, and providing awareness, training, and tools for our members to use in their daily efforts. Our focus will be on sharing best practices that will assist our members in recognizing and mitigating hazards to ensure nobody gets hurt. There will be more to come on this very important aspect of our business.

Let me know if you have any ideas to build on what we are planning to do!

Mike McDonald

2021 Local Agency Summary: Pavement Conditions Report

CAPA recently published the 2021 Local Agency Summary Pavement Condition Report and it is available as a free download from the CAPA website.

Across Colorado, there are over 88,000 lane miles of asphalt. Local Agencies are responsible for funding and maintaining 74% of that network (over 62,000 lane miles).



Data for Ninety-four agencies is included in the 2021 edition.

Review all the information here: <https://www.co-asphalt.com/local-agency-information>

CONSTRUCTION MANAGEMENT VIRTUAL CAREER FAIR



The Department of Construction Management invites you to participate in our Spring 2021 VIRTUAL Construction Management Career Fair on Tuesday, February 23rd, 2021 from 10:00 a.m. to 3:00 p.m.

This bi-annual event is the cornerstone of on-campus recruiting activities at CSU for Construction Management students. The Career Fair is an excellent way for students to “preview” your company while giving you the opportunity to get acquainted with students before the busy recruiting season begins.

While we know this isn’t the ideal setting for recruiting students, we believe we have selected an option that provides the best user experience – with options to create multiple schedules to host video or phone one-on-one meetings with students, host drop-in group info sessions for up to 50-students at a time, as well as provide a 1-2 minute welcome video.

This event is marketed and open to CM Alumni, as well as CM Minors, Business, Engineering, Interior Architecture & Design, and Landscape Architecture majors at CSU.

Spring interviews will also be virtual – so please plan to join us at our virtual Career Fair to make sure you are able to recruit some of our amazing CM Students!

More information, including pricing and marketing options, is available on our Industry Career Fair webpage: <https://conferencereg.colostate.edu/CMCareerFairSP21>

MGPEC 2021 Conference: Asset Prioritization

Mike Skinner, P.E., CAPA Director of Engineering, and Scott Sounart P.E. from Kimley Horn recently presented information on Asset Prioritization for the MGPEC Annual Meeting on January 26, 2021.

The information included 2021 local agency trends, local agency prioritized program impacts, fiscal impact survey updates, street improvement ballot initiatives, and an overview of local agency annual asphalt programs.



View the entire discussion here: <https://www.youtube.com/watch?v=4B9NCcGHzuE>

WOMEN OF ASPHALT - COLORADO

We Lead and Inspire Women in the Asphalt Industry



The Colorado Women of Asphalt will be holding the 1st annual "Women of Asphalt - Colorado" Golf Tournament Fundraiser on May 14, 2021. The event will be held at Homestead Golf Course in Lakewood. The tournament will be limited to a maximum of 112 players. Register at https://capa.memberclicks.net/wofa_golf

All proceeds from this event will be used by the Women of Asphalt - Colorado to further the efforts of supporting women currently in the industry and encouraging more women to enter our industry at all levels. The Women of Asphalt are in the process of developing an "Asphalt Training Academy".

Please consider your support for this event as a sponsor. The key to a successful event is in the generosity of the sponsors and the number of participants. Sponsorship opportunities are available from the registration page for the event.

We are looking for a Title sponsor as well as Event sponsors, Lunch Sponsors, Contest hole sponsors, Beverage cart sponsors, Additional "give-a-way" sponsors as well as Individual hole sponsors. https://capa.memberclicks.net/wofa_golf

More detailed information on this event will be provided as time goes by. The registration process is available from this url https://capa.memberclicks.net/wofa_golf.

The next mixer for the Colorado Women of Asphalt Group is scheduled for Thursday, February 18th. The event will be an early evening "Virtual" mixer with some fun elements to get people engaged. To become part of this effort and sponsor early, 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.

2021 ROCKY MOUNTAIN ASPHALT CONFERENCE & EQUIPMENT SHOW



The Rocky Mountain Asphalt Conference and Equipment Show will not be held in person in 2021. Instead, CAPA is offering 10 training sessions every Thursday with the hottest topics and top speakers in the industry. Sessions started in January and run through March 25, 2021.

The training topics will be varied and broad in scope. Each training will begin at 12:00 pm (noon) and run for 45 minutes.

February 18 - *Innovations in Asphalt Technology - Yesterday, Today and Tomorrow*

Dr. Jon Epps, Texas Transportation Institute

March 4 - *Women of Asphalt*

March 11 - *Paving Complex Projects - US Bank Stadium, Minnesota*

Shawn Bloch, Park Construction Co.

March 18 - *Workzone Safety - Automated Flagger*

Mitt Hitchcock, Colorado Barricade

March 25 - *Compaction (including Longitudinal Joints)*

Dale Starry, Volvo

All of the training sessions are **FREE** to join by visiting the Conference Website here: <https://www.rmaces.org>

All of the sessions are being recorded and are available from the conference web site /<https://rmaces.org>

APA's "Asphalt Performs" Initiative

Being green is easy when you choose asphalt.

Every new asphalt pavement contains raw materials that will one day be turned into new pavement. That's why asphalt pavements are the most consistently recycled material in America.

Please join the Colorado Asphalt Pavement Association, along with the Asphalt Pavement Alliance (APA) in the #AsphaltPerforms Initiative focused on sustainability.

1.3M
tons

of waste materials and byproducts are from other industries

89.2M
tons

of reclaimed asphalt pavement is used in new roads and parking lots

100%

of an asphalt pavement is reusable and contains the raw materials for the next generation of roads, runways, trails, or parking lots



Warm Mix Asphalt Can Meet The Needs of Your PROJECT

#AsphaltPerforms



ASPHALT PERFORMS

8 hrs

how long warm-mix asphalt mixtures can be hauled without affecting compaction, supporting disaster zones for emergency and recovery efforts.



Warm-mix asphalt offers flexibility for the most urgent projects. It can be hauled up to eight hours without affecting compaction to support recovery and relief efforts in disaster zones.

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.

Being green is easy when you choose asphalt. In 2021, we resolve to keep using the latest research and technology to make our asphalt pavements even better.

Please join the Colorado Asphalt Pavement Association, along with the Asphalt Pavement Alliance (APA) in the NEW YEAR, NEW ROADS Initiative that supports innovation within asphalt paving.

\$17.6M

invested in research through National Center for Asphalt Technology at Auburn University (founded in 1986)

8M

autonomous vehicles on the road by 2025, relying on the high contrast with lane markings asphalt pavements provide to operate safely

777%

growth in rate of warm-mix asphalt technology use from 2009-2017



Do You Have a Question for "ASPHALT MAN"?

Q: What is the difference between Pavement Condition Index (PCI) and Pavement Quality Index (PQI) and which one is the industry standard?

A: The PCI rating system was developed by the US Army Corps of Engineers to provide an objective measure of the overall condition of an existing roadway. Distress along a road are documented and measured then allowing for a condition score to be reported on a scale of 0 -100 (failed to excellent condition). A PQI index, also measured on a scale of 0-100, uses surface distress condition data (e.g., PCI) as the base measurement, but then adds additional data streams to enhance the condition evaluation. These additional performance data typically include smoothness/rideability and/or structural adequacy (subgrade strength).

The network PCI is the industry standard in reporting and evaluating overall network health. However, there are several local agencies in Colorado using other performance metrics including PQI, Remaining Service Life (RSL), and PASER ratings. Whichever metric your agency is using to manage your road network, stick with it.....Keep the Good Roads Good!



CAPA's ASPHALT MAN is the source for answers to all your asphalt related questions. Submit your inquiries to info@co-asphalt.com and your anonymous question will be answered in one of the next newsletters!

Upcoming Training / Meetings:

February 25, 2021, @ 11am

Best in Colorado Virtual Awards Presentation

Location: CAPA You Tube Page.

We will present the winners of the 2020 Best in Colorado awards virtually this year. As much as we would love to see everybody in person, we are restricted in the number of people we can host, so we have had to go virtual.

Follow our social pages for more info and to register:

f : @ColoAsphaltPavementAssociation

in : @ColoradoAsphaltPavementAssociation



Tom Peterson



Tom Clayton



Mike Skinner