

June 2022

Membership Newsletter

Volume 22

Issue Number 6

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A Word from the Director of Training

Worker Safety: It is all of our responsibility!

As we head into the dog days (and nights) of the construction season, it is important to keep safety as a primary focus on every project, the safety of our workforce is of utmost concern. Road construction comes with many risks; it is not limited to dangerous equipment and risk of collision. In fact, only 35% of highway construction injuries that occurred between 2013 and 2018 were caused by contact with equipment or falling objects. Other common causes for injury included slips and falls, overexertion, and exposure to harmful substances. Though many workplace injuries affecting road construction workers are minor, fatalities do happen. Nearly 50% of these fatalities that occurred between 2015 and 2020 were caused by run-overs or back-overs involving construction vehicles. Another 14% were caused by collisions between vehicles and mobile equipment, and 14% by getting struck or caught by construction equipment.

[Winter Safety Resources](#) are available from the CAPA website and the National Asphalt Pavement Association (NAPA) is a great resource for [Asphalt Paving Safety Training Resources](#). Give me a call if we can support your work zone and plant operations safety efforts including audits and Work Zone reviews this construction season.

Wishing all of you, a productive and safe construction season.



Tom Clayton, SET

Director of Training

tomclayton@co-asphalt.com

Work zone safety is everyone's responsibility.

WATCHFOR.US

Learn more at www.WatchForUs

PAVING AROUND THE STATE



Early Season Paving: Killy Airpark in Elbert County (L and Middle, Marin Maistral), Telluride (R, United Compcon)

WHATS HAPPENING

CAPA Member, **SealMaster Denver** will be hosting an equipment demonstration and open house on June 8 and June 9. They will be demonstrating an automated crack sealing apparatus. The demonstration will be held at Bandimere Speedway near C-470 and Morrison Road in Morrison. There will be 2 demonstrations each day, 9:00am to 11:30 am or 1:30 PM to 4:00pm. Lunch will be served each day. Reservations are required for more information download the advertising flier or call (303) 394-2220

CAPA GOLF EVENT REGISTRATION TO OPEN SOON

The Annual CAPA golf outing will be held on Friday September 16, 2022 at Fox Hollow golf course in Lakewood. The event will be an 8:45 am shotgun start and be limited to the first 216 who register.

Watch for additional information in the upcoming weeks. Start thinking about your groups to be registered. We will be seeking players and sponsors for this event.



JOIN US!

Equipment Demonstration
CrackPro Robotic Maintenance Vehicle
and CrackPro Mastic Machine

Choose the day and time that work best for you

June 8 & 9
9 – 11:30 AM
or 1:30 – 4 PM

Bandimere Speedway
3081 S. Rooney Road
Morrison, Colorado

Lunch Provided 12:00 – 1:00 p.m.
RSVP required

CrackPro Robotic
Maintenance Vehicle

- For safe and efficient crack sealing
- Minimal Damage
- Proven Professional Requirements
- Reduced Equipment Needs



LabCAT Certified Technician



LabCAT 25th Anniversary Celebration

Mark your calendar to join us for the **25th** Anniversary Celebration for a complementary BBQ lunch/Open House on Friday, July 22, 2022 in the RMAEC Training Facility

Friday, July 22, 11:30am to 1:30 p.m.

RMAEC Training Room

6880 South Yosemite Court, #110, Centennial, CO

Lunch provided with a short program planned for 12:30pm.

RSVP are required, Use this link to register: https://capa.memberclicks.net/labcat_ls_25



ASSOCIATION NEWS

CAIPA Discusses Road Funding at Annual County Commissioner Meeting

The annual Colorado Counties Inc. (CCI) Conference is ongoing (May 31 – June 2) and CAIPA was a featured presenter on May 31. In a session titled ["Best Practices for Sustainable County Road and Bridge Funding"](#) Tom Peterson and Mike Skinner presented a 75 minute presentation focused on creating sustainable funding solutions for Colorado counties.

Pictured: Tom Peterson (CAIPA), Andy Kirsan (CDOT), Jim Castleria (Montezuma County), Mike Skinner (CAIPA)





CAPA Welcomes New Affiliate Member

First Western is a Colorado based commercial bank with deep commercial banking and corporate lending knowledge allowing us to address each clients need, while ensuring a high level of service. They do equipment financing, working capital, lines of credit, commercial construction financing and traditional banking.

CAPA Members in the News

[From the CPWJ](#)



JOHN DEERE



ENVIRONMENTAL ADVOCACY:

- **Governor Signs Toxics Air Contaminant Bill** Another environmental bill approved by the Colorado legislature is [House Bill 22-1244 CONCERNING MEASURES TO INCREASE PUBLIC PROTECTION FROM TOXIC AIR CONTAMINANTS](#). It was approved on party lines and signed by Governor Polis. The bill is intended to provide more stringent regulations and restrictions regarding industrial facility emissions. CAPA joined with several other associations to send an [Industry Coalition Vote Request](#) to Governor Polis. More info: Contact [Tom Peterson](#)
- **CDHPE/APCD Researching the VOC Reduction of Warm Mix Asphalt (WMA)** Tom Peterson and Mike Skinner requested a meeting with representatives of the CDHPE/APCD Planning & Policy Branch to discuss the research being done by APCD to look into the possible VOC reductions when using WMA. There are new EPA air quality requirements that are resulting in more stringent emission restrictions. We will continue to monitor the issue and stay in contact with the APCD officials.
- **NAPA to Fund CAPA Proposed Environmental Fact Sheet Study** - The joint NAPA/SAPA Environmental Survival Fund (ESF) will be the funding source for a project initiated by CAPA to develop a series of Fact Sheets that will address common issues regarding issues of asphalt material production facilities. For more information, contact [Tom Peterson](#).

ELECTION & CAMPAIGN ISSUES:

IPOC Hosts Adams County Commissioner Forum

The Industrial Property Owner Consortium (IPOC) held a Candidate Forum on May 25. Three Adams County Commissioner candidates were featured in an extended Q/A. To learn more or to become a member, visit www.unitedipoc.org



CAPA to Host Fund Raiser for PPRTA II

Mark Your Calendar for Monday, June 20 to join a CAPA sponsored fund raiser in support of the renewal of the Pikes Peak Region Transportation Authority (PPRTA). Colorado Springs Mayor John Suthers will be attending as a special guest. Contact Tom Peterson for more information.

- **Joe O'Dea for US Senate** Kim Haerberg of CAPA Associate Member ARS Companies hosted a fund raiser for US Senate candidate Joe O'Dea on May 26. CAPA has endorsed O'Dea in his bid to unseat Michael Bennett. For more information or to contribute, visit www.joedea.com



Upcoming events for the Colorado Branch:

Future Training Academy

Sessions to be held will be:

June 18, 2022: 9am to 1pm – ROW Prep –
Demo – Surface Prep – Drainage &
Drainage Structures – Earthwork – Plan
Reading Assignment

October 2022 – 9am to 1pm – Planning –
Finance & Design – Paving – Project
Delivery Method – Environmental/SWMP

The Women of Asphalt Summer picnic will be held on Thursday August 18, 2022 @ Clement Park beginning at 5:00pm. The Women of Asphalt will provide the hot dog and hamburgers, water and soda. They will be asking attendees to bring a side dish to share with 8 people. [Reservations are open](#). This is a no cost event. Alcohol is allowed in the park in cans, no glass bottles. For more information, contact

[Nicky Libersich](#), [Terry Mack](#) or [Jo Taylor](#)



Women of Asphalt, Colorado

The Colorado Branch of Women of Asphalt continues to build membership and activities for the branch.

Jo Taylor was recently at the World of Asphalt and was a volunteer at the exhibit table during the event. She met with the national team to discuss strategies and what each branch is currently doing.

The Women of Asphalt, Colorado held their 2nd Annual Golf Outing, sponsored by DACS, to benefit the Training Academy. It was a very successful day with more than 120 players, 25 volunteers, a fun day with great weather, networking, comedy, lunch and a great silent auction. The event was chaired by Terry Mack and Jo Taylor with great assistance from the other members of the W of A- C golf committee. Thank you to all of the players and 23 sponsors who made this a great success.

Next Year is already in the planning for Friday May 12, 2023.



On the Road for Training

THE RMAEC ON THE ROAD talking and training Asphalt Construction Tom Clayton was recently doing some training for the City of Thornton Public Works Department. It was a information packed half day with the streets department talking all aspects of Asphalt construction from placement to compaction and repair. There was great discussion on the "Best Practices" and how the city forces can continue to accelerate their work for the citizens of Thornton.



Mike Skinner, Director of Engineering was at the CAR8E Regional Work shop recently

There was a great mix of personnel from around the state increasing their construction and maintenance knowledge. Mike presented on the availability of Aggregates and other materials



INDUSTRY UPDATES



CDOT Bidding & 2022 Surface Treatment Program

CDOT has advertised/bid all 33 planned asphalt related projects in 2022. In addition to the 33 projects, 1 project had no bids, 6 have been deferred to 2023, and 5 had bids rejected. The total of CDOT tonnage for 2022 is estimated at just over 2 million tons. CDOT Calendar Year [2022 Primary Asphalt Related Project List](#) 5-26-2022. [Go Sheet Anticipated Projects](#)

The latest digital edition of [NAPA's May/June Asphalt Environment](#) is available now! To view past issues of Asphalt Pavement, [visit the issue library](#)



[AGC's Construction Inflation Alert](#) For more than two years, the U.S. construction industry has been buffeted by unprecedented increases in material costs, supply-chain bottlenecks, and a tight labor market. [AGC's Construction Inflation Alert](#) is intended to help owners, public officials, and others understand what contractors are experiencing.

INDUSTRY CALENDAR

Task Force / Committee Meetings & Events

- Smoothness Task Force Meeting, CDOT North Italy, Turnpike Conference Room, June 7th 9:00am
- Asphalt Conference and Equipment Show planning meeting, June 10, 2022 @ 9:30am in the RMAC Training room.
- CAPA Marketing Committee, July 22, 2022 9:00am in the RMAC Training Room
- LabCAT 20th Anniversary, July 22, 2022 11:00am to 1:00pm [RVP's are requested](#)
- 26th Annual CAPA Golf Tournament, September 16, 2022, Fox Hollow Golf Club, Lakewood. Registration is open in late June
- Asphalt Industry Forum Kick Off Meeting, October 26, 2022 Location TBD Agents to follow
- CAPA Safety Council Meeting, Fall 2022
- CAPA New Member Luncheon and Christmas Reception, December 9, 2022, Galleria on the Water, Lakewood.

Contact [Traci Cleaver](#) with with questions for need for additional information.



LabCAT Schedule for 2022

The 2022 schedule of LabCAT certification sessions is available. There are six remaining Standard (Levels A, B and C) Sessions, two Streamline Re-Certification Sessions, two Aggregate Technician Certification Sessions (Level E), and one Level A only sessions remaining on the schedule. In addition there are four remaining Asphalt Paving Materials Inspector Sessions which included 2 streamline Re-Certification dates. To see the full schedule, [see this link](#). All of the sessions are filling fast, don't be left out if you need to be certified or re-certified.

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

If you have questions about any of the sessions or dates, contact [Diane Hammond](#) or Call 303-761-6148 Extension 154

2022 LabCAT PROGRAM CERTIFICATION SCHEDULE

Asphalt Technician Certification

Standard Session - Levels A, B, C

January 18 - 20	May 3 - 5
February 1 - 3	June 7 - 9
February 15 - 17	July 12 - 14
March 7 - 9	August 8 - 11
March 28 - 31	September 20 - 22
April 18 - 21 Grand Junction	October 11 - 13
	November 8 - 10

Streamline Session

Recertification - Levels A, B, C, E

January 25	April 18 Grand Junction
February 22	May 16
March 2	June 14
April 5	September 27

Standard Session - Level A Only

February 24	May 10
March 8	June 15
April 6	

Certification Fees

Levels	CAPA Member or COOT	Non Member
Level ABC	\$125	\$175
Level AB	\$100	\$150
Level A	\$75	\$125
Level B	\$100	\$150
Level C	\$75	\$125

Registration

Submit your registration request by email or LPT to the RMAC

• email rmac@napa-asphalt.com

• mail: 6060 S Yosemite St #410 Denver, CO 80112

Forms are located on the CAPA website See LabCAT Technician or APPI Inspector Registration. You may also contact the RMAC for forms.

RMAC phone: (303) 761-6148 ext 154 CAPA website: www.napa-asphalt.com

Aggregate Technician Certification

Standard Session - Level E

January 26	June 16
February 23	September 28
April 21 Grand Junction	

Certification Fees

CAPA Member \$100 Non Member \$150



Asphalt Paving Materials Inspector Certification

Standard & Streamline Sessions

January 5
January 27
March 15
March 16 Streamline Recertification
April 18 Grand Junction
April 26
May 17
July 26
July 27 Streamline Recertification
October 18
October 19 Streamline Recertification

Certification Fees

CAPA Member \$175 Non Member \$225

Registration Prerequisites

Asphalt Technicians and APPI Inspectors are required to satisfy all qualifying prerequisites for their initial certification. Please reference the RMAC Policy & Procedure Manual or the registration prerequisite form for details.

NCAT ASPHALT TECHNOLOGY COURSE IS RETURNING TO COLORADO.



In November of 2022, CAPA in partnership with NCAT, will bring the Asphalt Technology course to the Denver area. This is a similar class which is taught at Auburn University in Alabama except for the lab tour and seeing the NCAT Test Track. The training will be held Monday, November 7 to Thursday, November 10, 2022.

[Register today, don't miss out! Space will be limited. Register before September 15 and receive an early registration discount.](#)

When this training was held in the fall of 2019, we sold out with approximately 166 attendees from local agencies, CDOT, Consultants and Contractors personnel in attendance.

Watch for additional announcements and additional information in the upcoming months.

UPCOMING RMAEC WEBINARS for June and July



June 16, 2022 @ 11:30am - [Managing the Placement of Surface Treatments](#)

July 28, 2022 @ 11:30am - [An Update on the Implementation of RWD in Colorado](#)

Register for these and all webinars using this [link](#) above.

Do you have a question for ASPHALT MAN?



QUESTION: Can Asphalt be over compacted?

ANSWER:

The short answer is YES!

Pavement compaction is achieved by the use of mechanical, vibratory rollers. The rollers are driven across the pavement while at the highest temperature, typically between 240° F to 280° F, in order to compact or consolidate the pavement. By keeping the pavement rollers in the proper rolling pattern, or zone, target compaction density requirements can be achieved. Often times, different size rollers are needed depending upon pavement thickness to obtain desired compaction levels. It is also important to cross roll when grading asphalt to help maintain uniform surfaces, particularly when paving parking lots and drive lanes. The ideal compaction range is typically between 92% - 98% of the theoretical density.

As the pavement is being placed, there are several methods of testing asphalt pavement for compaction. The most common method is a Nuclear Density Gauge. The gauge measures compaction as the pavement is placed. Therefore, a technician can tell the roller operator if additional compaction is needed. Once the pavement is placed, core samples with laboratory analysis can also be performed to confirm the compaction levels. Testing of the finished pavement is recommended to assure materials were placed in accordance with specifications and industry standards.

There are a number of problems that can occur when proper compaction is not achieved. Over-compacting can cause the pavement to segregate and become thin. This can lead to premature cracks and failures.

Insufficient compaction can result in raveling of the pavement. This is when the asphalt mix begins to separate, and the aggregate components detach from the mix. This can result in a weakened pavement, which leads to premature distress of the pavement and overall reduced life expectancy.

Once the pavement is placed, correction of improper compaction is very complicated and costly. In most instances, the pavement would need to be removed and replaced.

The goal in compacting hot-mix asphalt is to provide a smooth, structurally sound, durable and long-lasting asphalt pavement.

Follow our social pages for more information:



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@COLORADO_ASPHALT_PAVEMENT_ASSO



[Tom Peterson](#)

Executive Director



[Tom Clavin](#)

Director of Training &
Member Services



[Mike Skinner](#)

Director of Engineering

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