



IN FRONT OF THE PAVER

June 2021 Membership Newsletter

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A Word from the Director

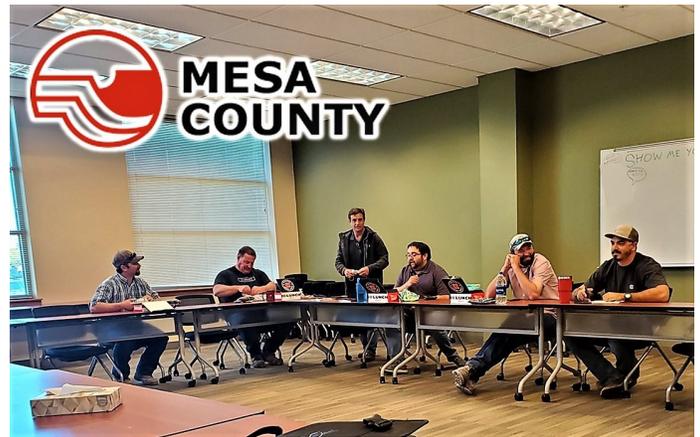
Climate Change Agenda is Being Implemented in Colorado

The Colorado General Assembly is having a busy legislative session and the climate change agenda is being implemented in Colorado. Regulations are being enacted to integrate global warming policy and greenhouse gas (GHG) requirements into the production and supply of construction materials including asphalt and asphalt mixtures. House Bill 21-1303 **Global Warming Potential for Public Project Materials** has been approved by the Democrat controlled legislature on straight party lines and is expected to be signed into law by Governor Jared Polis. CDOT provided testimony in strong support of the legislation. CAPA provided testimony raising concerns at the House Energy and Environment Committee and at the Senate Transportation and Energy Committee. Senator Dennis Hisey (R, El Paso County) proposed 3 amendments on our behalf and all 3 were defeated. The amendments would have eliminated asphalt for vertical (building) construction, provided an exemption for maintenance projects and eliminated the ceiling of GHG emissions. When enacted into law, CDOT for horizontal construction and the state architect for vertical construction, will implement a study program to establish policy by January 1, 2025. The policy will establish thresholds for GHG limits and require the use of Environmental Product Declarations (EPD) for a number of construction products including asphalt and asphalt mixtures.

As a first step, we have arranged for a **no cost webinar titled, "An Overview and Introduction to Environmental Product Declarations for Asphalt Mixtures"** by Joseph Shacat, Director of Sustainable Pavements, National Asphalt Pavement Association @ 9:30am, June 09, 2021. Registration information available on the CAPA website.

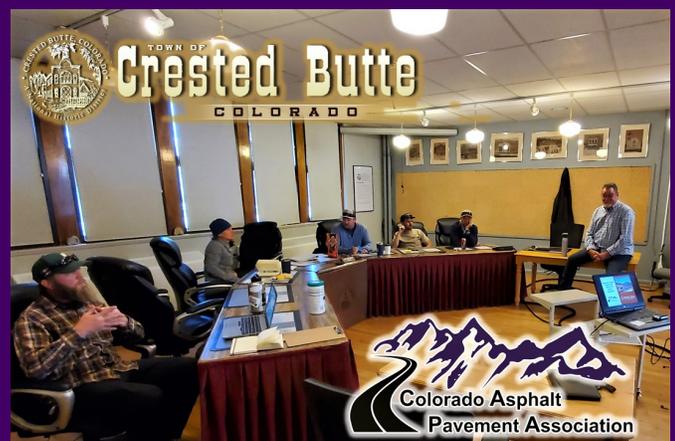
Executive Director

CAPA on the Road: Local Agency Roundup



Local Agency Outreach on the West Slope and SW Colorado. Mike Skinner and Tom Clayton were recently on the west slope meeting with local agencies for Lunch 'N Learn sessions and sharing technical resources. On May 1st CAPA was hosted by the City of Cortez with Montezuma County, Town of Dolores and the Town of Mancos also in attendance. Key topics of discussion included pavement design, project specifications, construction materials, pavement preservation and CIP construction practices. Then on May 4th CAPA was hosted by Mesa County to discuss best practices for implementing their pavement management system and developing a sustainable road funding program. County Road & Bridge, Public Works Engineering and their GIS Departments were in attendance and hosted an excellent roundtable discussion.

On May 17th Mike Skinner and Tom Clayton were invited to meet with the City Engineer, Public Works Director and staff for the Town of Crested Butte to talk about their 5-year Streets Plan and their annual maintenance program. The Town of Crested Butte has had a successful in-place recycling program (Full Depth Reclamation) since 2006 and is already planning for their upcoming 2022 project. CAPA also got a tour of town from PW staff highlighting other successful street projects and Public Works asked for input and Best Practices for their upcoming spring/summer maintenance work.



MEMBERS SPOTLIGHT—Traffic Control



COLORADO BARRICADE CO.

Serving Colorado since 1970, Colorado Barricade is the Rocky Mountain regions expert partner in work zone and roadway safety. They offer a full service digital sign shop, state-of-the-art equipment, and a professional team unsurpassed in experience. From simple lane closures to complex work zone setup, they work with officials to get the job done on time, the first time, ensuring the highest level of quality and safety. Colorado Barricade provides rental, sale and installation of temporary and permanent traffic control devices and equipment for any size project or event. Over the past 40 years, we have expanded our services in traffic control, established a pavement marking division, a sign installation division, and created one of the largest digital sign fabrication shops in Colorado.



Loveland Barricade was founded in 2013 and is a local family-owned company. Their management team has been in the Traffic Control industry for over 60 years combined. They provide services for temporary or permanent traffic control for rental purposes or for purchasing. They have an in-house sign shop for sign manufacturing, and can custom make any sign for sales, or install it for you with our Permanent Sign install crew. We can accommodate any of your pavement marking needs, such as preformed thermoplastic, paint, epoxy or line removal as well. We are committed to work zone safety and offer a large variety of traffic control options to help enhance and maintain pedestrian, vehicle, and worker safety. We take pride and dedicate ourselves to the safety of our clients, the public and our employees.

From products and equipment to services and crews, everything you need for your project is here. When you work with Statewide, you're dealing with experienced professionals who can identify the ideal solutions for you. Our extensive resources in every state we serve will fill your needs when you need them. We handle the planning and permitting of the project, as well as the movement, maintenance, and staffing of the traffic control system. Count on Statewide to keep your project safe so you can focus on getting it done right.



STATEWIDE
SAFETY SYSTEMS



Metro Traffic Solutions offers full service for traffic control solutions. With over 25 years of experience, they offer expertise in setting up traffic management needs for any project. From traffic control plans and basic closures to complex work zone plans and complicated setups, they have the knowledge and experience to fulfill your requirements. Metro Traffic Solutions' commitment to safety and protecting the public and workers is always a priority. With their experience in the paving industry, concrete, patching and trucking business, you can feel reassured that they have the knowledge to assist you in completing your project on-time and under budget.

As an organization, they are dedicated to quality and operational excellence. Throughout the organization's existence they have successfully satisfied the most demanding client requirements and host cities by providing fast and accurate traffic plans, state of the art equipment, traffic signage and experienced, cooperative traffic control personnel. Work Zone Traffic Control, LLC welcomes the opportunity of being of service to your project.



ASSOCIATION NEWS

2021 Top Asphalt Parking Lots of Colorado

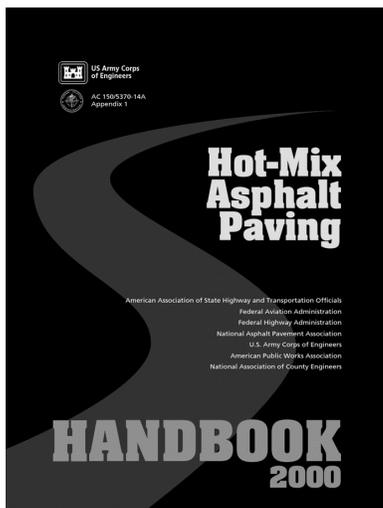
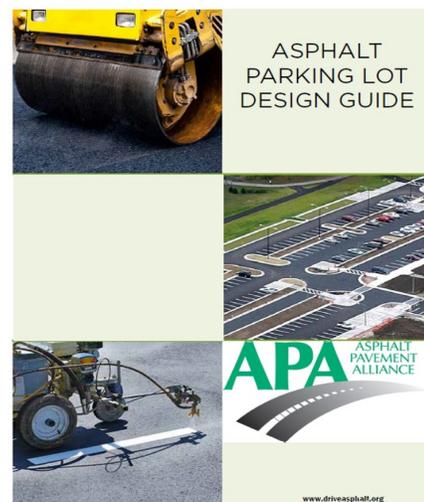


Top Asphalt Parking Lots to be Featured in Colorado Construction & Design Magazine.

CAPA is excited to announce a new partnership with Colorado Construction & Design (CCD) magazine to showcase the 2021 Top Asphalt Parking Lots of Colorado. The feature will be included in the October issue of the magazine that is a primary industry publication for the commercial construction market of Colorado. Are you involved in a significant, unique, innovative, or high quality asphalt parking lot project? Contact CAPA's Mike Skinner to have your project considered as a 2021 Top Asphalt Parking Lot of Colorado.

CAPA Partnerships: Two New National Asphalt Guides

CAPA is involved in a workgroup with the Asphalt Pavement Alliance to develop a national guidance document for asphalt parking lot design and construction. The document will provide general guidance for proper parking area design, construction and facility layout. The guide is organized into six chapters: Assessment and Planning; Subgrade and Drainage; Construction; Maintenance; Sustainability and References.



CAPA is also involved in a workgroup with the National Asphalt Pavement Association, US Army Corps of Engineers, the Association of

Asphalt Paving Technologists (AAPT), and the Federal Aviation Administration to update the 2000 version of the Hot-Mix Asphalt Paving Handbook. Much of the document is out of date and there is little specific guidance for airfields. While much of the information applies to both roads and airfields, it was originally prepared primarily for highways. Many new industry developments over the last two decades to be updated include: methods to construct longitudinal joints, grade control methods, smoothness measurements, identification and minimization of temperature segregation (infrared technology); use of MTVs and non-contact skis.

INDUSTRY UPDATE

NAPA Partnerships Showcases Value of Thinlay



Working alongside the Asphalt Pavement Association of Michigan, NAPA staff partnered with Roads & Bridges to document the preservation benefits of ultra-thin asphalt overlays.

Over the last 20 years, Michigan's average cost per SY of ultra-thin overlays has been similar to other surface sealing treatments. However, ultra-thin asphalt overlays also improve pavement smoothness and add structural value to a pavement, something the other surface sealing treatments cannot do. When placed on pavements in good condition, it is estimated that the ultra-thin overlays extend a pavement's life at least twofold over other pavement preservation options. Pavement owners can use the cost savings to

stretch their budgets while improving other pavements within their transportation network.

Read "Taking a proactive approach: Michigan DOT collaboration delivers high-performing, cost-effective pavement solution" in the April issue of Roads & Bridges to learn about the cost of various preservation options

New Resource: NAPA's Climate Resource Center

NAPA and the Asphalt Pavement Alliance (APA) have launched Asphalt Protects and the Climate Resource Center on the APA website (DriveAsphalt.org). These pages currently provide historical information on the asphalt pavement industry's environmental stewardship and climate record. Educational materials include annual RAP, RAS, WMA survey results, along with new factsheets for the public, lawmakers, and engineers detailing the emission reductions achieved over the past 10 years thanks to the industry's rapid adoption of warm-mix asphalt and its use of reclaimed asphalt pavement materials. Available resources will be added as NAPA's Climate Stewardship Task Force works to articulate industry-wide accomplishments and goals.



APA's 'Asphalt Performs' Initiative

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

As you start preparing your 2022 plans and are contemplating a ballot measure, you can use this document to assist you in working with elected officials to gain more funding.

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 available on the CAPA website.

2021 Local Agency Summary Pavement Condition Report



FREE Download:

co-asphalt.com/local-agency-information



DID YOU KNOW...

Asphalt is the Quiet Pavement option
Often resulting in Noise Reduction from 3 to 10 decibels!

Asphalt is the quiet pavement.

Quiet pavement technologies include open-graded surfaces, fine-graded surfaces, and two-layer open-graded pavements.

Noise reductions of 3 to 10 decibels are common. Reducing noise by 3 decibels is about the same as doubling the distance from the road to the listener, or reducing traffic volume by 50 percent.

Learn more at safeasphalt.org.

This webinar focuses on educating local road owners and designers on the design of new asphalt pavement and an overlay of an existing pavement.

Top 3 Takeaways for attendees:

1. Learn the key factors that must be evaluated for a proper new or overlay pavement design
2. Learn to use PAVEXpress for designing pavements
3. Understand the economic consequences of over or under designing a pavement

FREE WEBINAR

PAVEMENT DESIGN FOR LOCALITIES

This webinar focuses on educating local road owners and designers on the design of new asphalt pavement and an overlay of an existing pavement. There are many factors to consider when designing asphalt pavements and overlays that can easily be incorporated into PAVEXpress, a free web-based software that integrates all of these considerations in an easy-to-use stepwise process.

KEY TAKEAWAYS

1. Learn the key factors that must be evaluated for a proper new or overlay pavement design
2. Learn to use PAVEXpress for designing pavements
3. Understand the economic consequences of over- or under-designing a pavement

SPEAKER

TRENTON M. CLARK, P.E.
President, Virginia Asphalt Association

June 1
3:00 PM EST

1 hour of PDH credits for professional engineers will be provided with training

This webinar focuses on educating local road owners and designers on the design of new asphalt pavement and an overlay of an existing pavement.

LOCATION: Online
DATE: June 1, 2021
TIME: 3:00 PM EDT
COST: FREE



Do you have a question for ASPHALT MAN?



QUESTION: What is a Pavement RSI ?

ANSWER: Remaining Service Interval (RSI) is a pavement life-cycle management framework to help agencies make sound, long term investment decisions. RSI can use one or more performance measures to set and achieve performance goals and is just one approach that can be use for Life-Cycle Planning (the critical process of developing and comparing strategies to estimate the cost of managing an asset network over its whole life, with consideration for minimizing cost while preserving or improving conditions.)

SAVE THE DATE!

Colorado Asphalt Pavement Association

30th Annual CAPA Cup Golf Tournament
Friday September 17, 2021
Fox Hollow GC, Lakewood
8:45 Shotgun Start
Registration begins on the CAPA web site, July 5, 2021

The Tournament will be open to 216 players.

Sponsors are needed and welcomed. A complete list of sponsorship opportunities will be published in June. Some of the opportunities will be; Hole sponsors for each of the 27 holes, Lunch, Beverage Carts and Contest holes. We will be holding a silent auction during the event and will accept donations oof items to be auctioned off.

Follow our social pages for more information:

 : @ColoAsphaltPavement Association

 : @ColoradoAsphaltPavement Association



Tom Peterson



Tom Clayton



Mike Skinner