

Spring 2023



A Supplement to the Colorado Public Works Journal

Understanding Green Construction – We are in a New Era 2023 Local Agency Pavement Condition & Funding 29th Annual "Best in Colorado" Asphalt Awards Larry Wise Elected to the Colorado Asphalt Hall of Fame Meet CDOT's New Chief Engineer Keith Stefanik

INTRODUCTION

Welcome to THE Road Ahead - Tom Peterson

2023 is a celebration year for CAPA as it marks the 40th Anniversary of the association. Incorporated in 1983, the association has grown to over 260 member organizations and is the largest state asphalt pavement association in the United States. We thank our forefathers for the heavy lifting and establishing a rock-solid mission of "advancing the use and quality of asphalt pavements in Colorado."





Here are a few CAPA Fun Facts:

- A few of the early CAPA pioneers were Skip Bettis of Siegrist Co., Bill Pakovich of Brannan Sand & Gravel, Bob Bisgard of halt Paving Co., Bob Wolfe of Western Paving, Herman Altergott of Best Way Paving, and Bill Lauer of Sterling Paving.
- The original name was the Colorado Asphalt Producers Association. It was changed to Colorado Asphalt Pavement Association in 1994 to reflect the new user-producer organization and having affiliate agency member organizations. CAPA is one of only three state asphalt pavement associations in the country that have affiliate agency members and today, there are nearly 80 city, county, and towns that have chosen to be member organizations of CAPA.
- John Boring was the first Managing Director and the late Rick DeLacastro followed and served from 1985 to 1992. It was under the leadership of Scott Shuler (Director from 1992 to 1997) that the Laboratory for Certification of Asphalt Technicians (LabCAT) was started.

We will be celebrating our rich history throughout the year and have plans for a mid-summer steak fry to showcase our achievements and recognize those that were instrumental in our accomplishments.

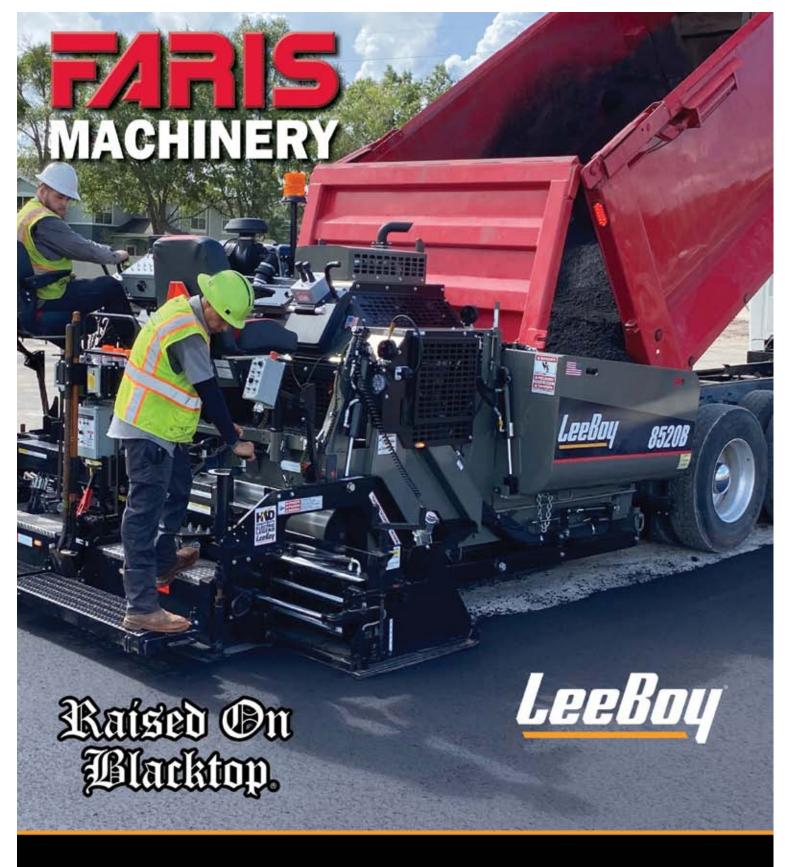
Enjoy this issue of THE Road Ahead and congratulations to all of the recipients of the 29th Annual "Best in Colorado" Asphalt Awards. Truly the best of the best.

Thomas Peterson, P.E. **Executive Director**

Colorado Asphalt Pavement Association tompeterson@co-asphalt.com







Commerce City 303 289 5743

Grand Junction 970 242 4997

Colorado Springs 719 527 1016

farismachinery.com

CAPA Member List

March 2023

265 Members and Growing!

ASPHALT PARTNER ORGANIZATIONS













ASSOCIATES

360 Paving, LLC, Eagle, 970-328-4900

ABC Asphalt, Brighton, 303-659-3706

All Colorado Trucks and Trailers, Denver, 303-494-647

A.G. Wassenaar Inc., Denver, 303-756-2920

A-Core Concrete Specialists of Colorado, Denver, 720-899-4899

A-One Chipseal Company, Westminster, 303-464-9267

A-Peak Asphalt Inc., Vail, 970-476-8855

Acord Asphalt, Inc., Granby, 970-887-0363

Albert Frei & Sons, Henderson, 303-289-1837

Alpha Milling Co. Inc., Denver, 303-428-2899

Alpine Civil Construction

Andale Construction Inc., Wichita, KS, 505-716-6851

Antigo Construction Inc., Antigo, WI, 715-627-2222

Arkema - Road Science LLC, Berthoud, 970-389-2639

ARS Companies, Littleton, 303-791-7404

Asphalt Doctors Inc., Denver, 303-956-8201

Asphalt Systems Inc

Asphalt Testing Services (ATS), Denver, 303-923-5493

Astec Inc., Chattanooga, TN, 423-867-4210

Atkins, Denver, 303-221-7275

Atlas Technical Consultants, Denver, 303-975-9959

Avery Asphalt Inc., Colorado Springs, 719-471-0110

Barbarick, LLC, Colorado Springs, 719-495-9013

Best Engineering Solutions, Silverthorne, 970-409-9670

Bobcat of the Rockies, Golden, 303-216-1402

BOMAG Americas Inc., Kewanee, IL, 800-782-6624

Buckhorn Engineering

Caterpillar Inc., Brooklyn Park, MN, 303-336-3693

CEI Enterprises Inc., Albuquerque, NM, 800-545-4034

Chacon Paving Inc

Chavez Construction Inc.

CMT Technical Services, Centennial, 303-220-0300

Coatings Inc., Arvada, 303-434-4303

COBITCO Inc., Denver, 303-296-8575

Columbine Hills Concrete Inc., Silverthorne, 970-468-7813

Colorado Barricade, Denver, 303-922-7815

Colorado Machinery LLC, Colorado Springs, 719-475-1100

Colorado Milling, Westminster, 303-358-4343

Coughlin Company, St. George, UT, 435-634-1266

Crafco Inc., Chandler, AZ, 800-227-4059

CTL/Thompson Inc., Denver, 303-825-0777

Cutler Repaving Inc., Lawrence, KS, 785-843-1524

Dillman Equipment, Norman, OK, 888-818-4807

Dustrol Inc., Albuquerque, NM, 505-891-8342

Earth Engineering Consultants Inc., Windsor, 970-224-1522

Elite Surface Infrastructure, Denver, 303-287-0777

Entech Engineering Inc., Colorado Springs, 719-531-5599

ESCO, Evergreen, 303-674-3385

EZ Street Company, The, Miami, FL, 800-734-1476

Faris Machinery Company, Commerce City, 303-289-5743

Fiore & Sons, Denver, 303-429-8893

Foothills Paving and Maintenance Inc., Golden, 303-462-5600

Gencor Industries Inc., Conifer, 303-670-5456

Geocal Inc., Centennial, 303-337-0338

GMCO Corp., Rifle, 970-625-9100

Goltz Asphalt Co., Loveland, 970-663-2343

Ground Engineering Consultants, Commerce City, 303-289-1989

Hamon Infrastructure - Denver, 303-297-0340

Honnen Equipment Company, Commerce City, 303-287-7506

Intertek - PSI, Westminster, 303-424-5578

Jacobs Engineering Group, Denver, 303-820-5240

Jesik Consultants

Kleinfelder Inc., Golden, 303-237-6601

Kraemer NA, Castle Rock, 303-688-7500

Kumar & Associates Inc., Denver, 303-742-9700

LHoist North America, Henderson, NV, 702-818-1575

Mc Donald Paving and Chip Sealing

Martinez Associates LLC, Denver, 303-459-2216

Metro Pavers Inc., Henderson, 303-427-1039

MHC Kenworth, Denver, 720-941-0833

Mile High Paving, Co., Arvada, 720-441-5519

Minds Corp., Las Vegas, NV, 702-930-2984

Mountain Regional Equipment Solutions, Littleton, 801-886-3078

National Pavement Partners, Commerce City, 303-218-5292

New West Paving, Denver, 303-427-0550

Nilex USA, Inc

Ninyo & Moore, Greenwood Village, 303-629-6000

Northwest Colorado Consultants, Steamboat Springs, 970-879-7888

Pete Lien and Sons, Rapid City, SD, 605-342-7224

Pickering, Cole and Hivner, Westminster, 303-996-2999

Power Equipment Company, Colorado Springs, 888-690-8292

Power Motive Corporation, Denver, 303-355-5900

Prime Milling, LLC

Propane Transport International, Houston, TX, 281-552-4024

Protex, The PT Xperts, Aurora, 303-834-0671

Purple Wave Auction, Manhattan, KS, 866-608-9283

Pyramid Paving, Colorado Springs, 719-576-7600

Roadtec Inc., Grand Junction, 970-270-5026 Robinson Grading & Profiling, Gillette, WY, 307-682-2422

Rocky Mountain Civil Excavating, Brighton, 303-669-3623

RockSol Consulting Group, Inc., Westminster, 303-962-9300

RSA Protective Technologies, LLC

Rush Truck Centers, Commerce City, 303-291-6300

Seal Coat Solutions - Colorado Springs, (719) 634-1001

Shannon and Wilson, Inc, Denver, 303-825-3800

Soilogic Inc., Longmont, 970-535-6144

Son-Haul Inc., Fort Morgan, 970-867-4401

Southwest JCB

Statewide Milling LLP

Sunland Asphalt, Littleton, 303-791-8300

Tenna LLC, Golden, 303-273-1417

Terex Roadbuilding, Oklahoma City, OK, 405-787-6020

Terracon, Wheat Ridge, 303-423-3300

Trautner Geotech LLC, Durango, 970-259-5095

Trax Construction, Colorado Springs, 719-638-8729

Valley Equipment, Denver, 303-293-3377

Vance Bros., Denver, 303-341-2604

Vine Laboratories, Denver, 303-662-1166

Vivid Engineering Group, Colorado Springs, 719-896-4356

Wagner Equipment Company, Aurora, 303-739-3000

Western Milling, LLC, Grand Junction, 970-242-3964 Western Technologies Inc., Farmington, NM, 505-327-4966

Wood Environment and Infrastructure Solutions, Denver, 303-935-6505

Yeh and Associates Inc., Denver, 303-781-9590

CAPA welcomed 21 new members in 2021 and has added two more in 2022. We continue to be the largest State Asphalt Pavement Association with nearly 270 members because of our member and the services we provide to them.

> JOIN US TODAY! JOIN OUR GROWING LIST OF MEMBERS. FOR MORE INFORMATION CONTACT TOM CLAYTON at 303-741-6150 ext.151, or tomclayton@co-asphalt.com

For High Quality Asphalt Paving and Professional Services - Call a CAPA Member today!



JOIN US TODAY! For mor information contact Tom Clayton (tomclayton@coasphalt.com) 303-741-6150 ext.151

AFFILIATES

Alliance GeoSynthetics, Lake Oswego, OR, 949-610-6098

Assignar, Denver, Denver, 303-228-5405

Award & Sign, Englewood, 303-799-8979

Balanced Engineering, Denver, 303-523-6074

Basis Partners, Colorado Springs, 719-299-5077

BG Chemical LP, Dallas, TX, 800-725-8470

Cargill Inc., Wayzata, MN 1-800-842-3631

Centaurs, Houston, TX 719-433-0614

Civil Technology, Inc., Denver, 303-292-0348

Cloud Colorado, Parker, 303-708-9725

Colorado Public Works Journal, Denver, 720-205-4681

Colorado Road Painting LLC, Loveland, CO

Commercial Credit Group

Denver Industrial Sales & Service, Denver, 303-935-2485

Earth Science Systems, Wheatridge, 303-800-2000

Earthwave Technologies, Indianapolis, IN, 317-218-6101

ECME, Mancos, 970-759-5320

Ellis Profiling, Mapleton, UT, 801-380-7832

Evergreen Solutions LLC, Alberta, Canada 4033-273-8000

Falcon Aerial Imaging, Thornton, 720-360-8388

First Western Trust Bank

GRC Consulting, Inc, Frederick, 303-288-4703

Go West, IT, Centennial, 303-795-2200

Haul Hub Technologies, Haverhill, Maine 833-428-5482

Holmes, Murphy & Associates, Denver, 303-283-9966

Huitt-Zollars, Inc., Denver, 303-740-7325

Ingevity, North Charleston, NC, 800-845-1983

InstroTek Inc., Raleigh, NC, 919-875-8371

JR Engineering, Centennial, 80112

Kimley Horn, LLC, Denver, CO, 303-228-2300

Libra Systems, Denver, 303-740-7325

Loveland Barricade, Loveland, 970-663-5311

Mark Ryan Inc., Conifer, 303-674-4754

Momentum Energy Services, Denver, 303-623-5756

Moody Insurance Agency Inc., Denver, 303-824-6600

Nilex USA, Inc.

OSCS Inc., Fort Worth, TX, 817-834-5411

PEXCO, Tacoma, WA, 253-284-8000

Precise Striping, LLC, Commerce City, 303-462-2800

PRI Asphalt Technologies, Tampa, FL 813-621-5777

QPC, Wheatridge, 970-361-1525

Redhawk Consulting, LLC, Golden, 303-656-0041

Ritchie Bros. Auctioneers, Longmont, 303-881-1399

Roadway Asset Services. LLC

Rocky Mountain Profilograph, Colorado City, 719-250-5556

RSA Protective Technologies LLC, Loveland CO

Sapphire Gas Solutions, LLC, Dallas, TX, 214-500-6876

Schrader Propane, Fort Collins, CO, 970-484-1212

Seal Master Denver, Denver, 303-394-2220

Stanley Consultants, Englewood, 720-733-1821

Steffes Group Inc.

Strategic Financial Partners, Colorado Springs, 719-388-0237

Superior Traffic Services

Tenna, LLC, Aurora, 303-503-0926

Tensar International Corp., Broomfield, 303-429-9511

Town of Nederland, Nederland, 303-258-3266

Triax Engineering, LLC, Denver, 720-230-1931 TST Inc. of Denver, Lone Tree, 303-792-0557

Wells Fargo Equipment Finance, Colorado Springs, 719-591-7239

Western Infrastructure Inc., Centennial, 970-261-5004

Work Zone Traffic Control, Inc., Pueblo, 719-296-0222

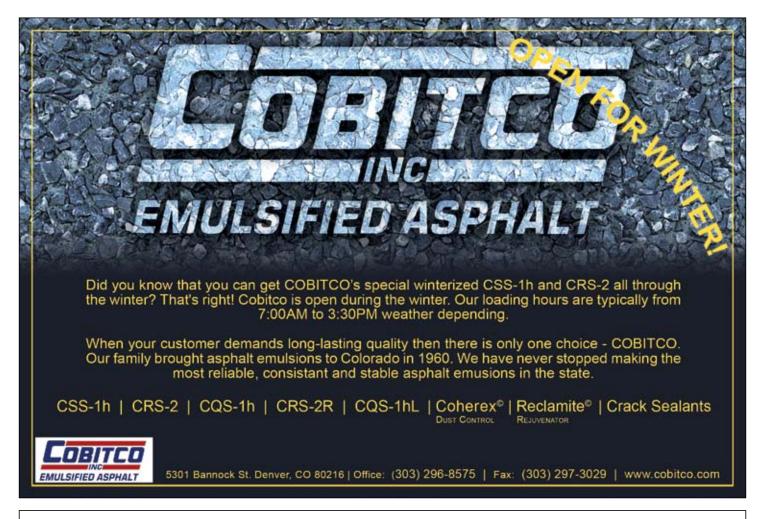
WSP - Colorado Springs, 719-452-4293



AFFILIATE AGENCY MEMBERS

ENERGY

CAPA has an Affiliate-Agency Member List that includes 79 city, county, town and other government agencies (including the E-470 Public Highway Authority and the Northwest Parkway Public Highway Authority) that have joined to benefit from training and education, technical assistance, and specification development.



We Make a Difference!





How can we Serve You?

Our award-winning, highly experienced and dedicated team has been providing Engineering services since 1987.

Services

- *Construction Material Consulting, Design, Observation, QA/QC Testing, and Special Inspections
- *Aggregate Resources Evaluation
- *AASHTO Accredited Laboratory
- *Asphalt Mixture Designs
- *Mix Optimization, Design, and Consultation
- *Unmanned Aerial Imaging and Data Collection
- *Pavement Thickness Design and Subgrade Stabilzation
- *Failure Analysis, Claim Evaluation, and Litigation Support
- *Geotechnical Engineering and Design
- *Engineering Geology / Geohazard Assessment

SBE Code #'s 541380, 541330

















www.cmttechnicalservices.com • www.cesareinc.com Arizona • Colorado • Idaho • Texas • Utah

and construct your next project!

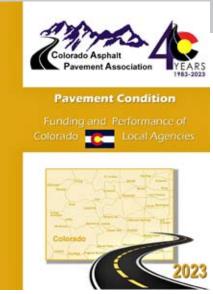
INDUSTRY NEWS

Local Agency Pavement Condition & Funding - 2023 Report

CAPA has published the 2023 Local Agency Pavement Condition & Funding Summary Report and it is available to download from the CAPA website. Across the state there are 88,000 lane miles of asphalt and local agencies are responsible for funding and maintaining 74% of that network (over 65,000 lane miles). Ninety-eight agencies have provided street funding and condition data in the 2023 edition. Agency feedback has been very responsive "Thanks for taking the time to compile all of this information, it is very useful"..."Thanks for sharing other agencies responses so we can see where we are"..."Thank you for continuing to put this together, it is a great tool to share with our Elected Officials".

Of the 30 agencies that reported both 2022 and 2023 data, 73% reported the same or an increase in their streets budget (+\$25.6M) and 27% reported a decrease (-\$3.9M). Budget data also indicates that Capital Improvement Project spending is down 22%, Mill & Overlay programs have stayed flat and Maintenance Programs have significantly increased. Agencies are reporting that over \$402M has been budgeted for 2023 Annual Street Improvement Programs with an additional \$353M in Capital Projects...that's a total of over \$755M being spent by Local Agencies this year on streets and infrastructure across Colorado.

For more information contact CAPA's Director of Pavement Engineering Mike Skinner at mikeskinner@ co-asphalt.com. www.co-asphalt.com.











EPDs for Sustainable Project Delivery

As State departments of transportation (DOTs) become increasingly conscious of infrastructure's environmental burdens and seek more sustainable strategies, they are looking for measures that accurately reflect the environmental impacts of each alternative. EPDs communicate the greenhouse gas (GHG) emissions of construction materials in a transparent and standardized manner. They provide an opportunity to reduce negative environmental impacts by transforming the project delivery process.



Scope of an EPD

An EPD is a transparent, verified report of the environmental impacts of product manufacturing.

Based on the included life-cycle phases, EPDs represents the impacts calculated from initial material production (e.g., oil exploration and extraction, mining of rock) up to the gate of the manufacturing site.



Contact CAPA for additional information.

ENVIRONMENTAL SUSTAINABILITY

Understanding Green Construction – We are in a New Era

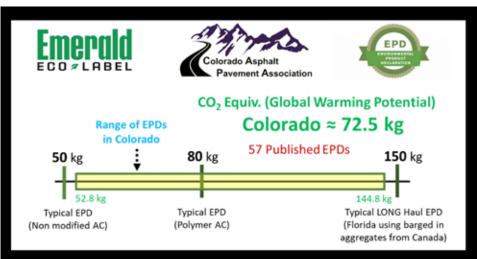
The green construction market is focused on product transparency. As a result, green construction rating systems - such as LEED, Greenroads, INVEST, and Envision – are structuring credits that encourage the use of products with life-cycle information communicated through Environmental Product Declarations (EPDs) or that demonstrate through life-cycle assessment a reduced environmental impact. The Emerald Eco-Label EPD tool, developed by the National Asphalt Pavement Association. gives a contractor's customer the ability to earn one point for the EPD LEED credit.

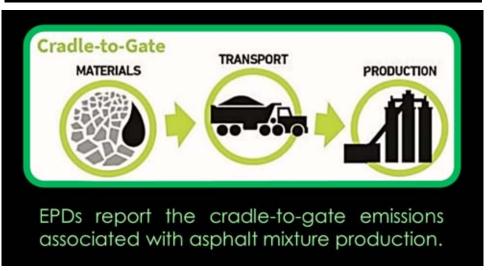
Road owners, agencies, and contractors need to share quantifiable metrics of sustainability and environmental impact with stakeholders. This might be as simple as a benchmark of what they are doing right now, or contractors and road owners might be asked to demonstrate a reduction in greenhouse gas emissions.

The Emerald Eco-Label can help asphalt producers benchmark their asphalt mixtures to assist their customers in meeting their environmental goals. In July 2022, as mandated by the state legislature. CDOT rolled out their EPD program to begin collecting data over the next three years. Asphalt producers across the state are gathering and analyzing their production data for energy consumption and publishing EPDs for various mixes around Colorado. For more information about EPD's in Colorado, or to participate in the CAPA's Industry EPD Workgroup, contact Mike Skinner (CAPA's Director of Engineering) at mikeskinner@co-asphalt.com.











Environmental Product Declaration (EPD) reports the CO2 Eqiv. (kg) generated by producing 1 ton of asphalt impacting **Golbal Warming Potential (GWP).**

50th Annual Rocky Mountain Asphalt Conference & Equipment Show

Conference Highlights:

- · Held February 7-8, 2023 at the National Western Complex
- · An inspirational general keynote session led by former US Army Green Beret Jason Redman
- 24 breakout sessions on construction, materials, maintenance, and leadership
- 18 back to basics educational sessions on equipment, materials, and maintenance
- · Over 1,000 paid attendees and over 300 exhibitor representatives, speakers, and volunteers.



Mark Your Calendars

The 51st Annual Rocky Mountain Asphalt Conference & Equipment Show is scheduled for February 6-7, 2024. For more information, visit, www.rmaces.org.

















CATEGORY – Airport

Durango La Plata County Airport Runway

3-21 in La Plata County

Contractor: Four Corners Materials, a CRH

Company of Bayfield **Engineer: Dibble**

Durango La Plata Airport

During a 10-day complete shutdown of the Durango La Plata County Airport, Four Corners Materials teamed with members of United Companies and APC Southern to complete a re-surfacing of runway 3-21 and adjacent taxiways.

Approximately 150 people on the project team worked 24 hours a day to complete the 3" mill and resurface, typically placing 5,600 tons per day for a total of 28,000 tons in 5 days along the runway.

This project took months of pre-planning to coordinate the three milling crews, three mill support crews, three crack seal crews, three paving crews, two joint trim crews, two asphalt plant crews, four survey crews, two QC crews, 40+ trucks and drivers and striping crews.



PICTURED: Michael Swearingson, Jared Bass, Mike Gillette, Brad Riddle, Kurt Dalton

Meet CDOT New Chief Engineer Keith Stefanik

In late January, CDOT Executive Director Shoshana Lew, announced that CDOT was excited to share that Keith Stefanik will serve as CDOT's next chief engineer. Keith is a familiar face with a strong track record at CDOT. He has served as the deputy chief engineer since October 2020 and was the Central 70 Project director and resident engineer before that. Keith began his career as a transportation engineer for PBS&J before serving as a capital projects manager in Douglas County, Colorado and project manager with Atkins North America. Keith is a proud Pennsylvania native and graduated from Pennsylvania College of Technology with a Bachelor's degree in civil engineering technology. He's been a Coloradan for more than 20 years and enjoys spending his free time cycling and with his wife Jeanni and dog Rozi up in Summit County. Please join me in welcoming Keith into this new leadership role, which he will start on Feb 6. CDOT Executive Director, Shoshana Lew.

Keith attended CAPA's 29th Annual "Best in Colorado" Asphalt Awards Dinner & Program and presented the CDOT Quality in Asphalt Production Awards and the Smoothest Asphalt Project Awards.









Photo from Awards Dinner (left to right) John Cater -Division Administrator, FHWA; Shane Ferguson - CDOT Region 2 RTD; Jessica Myklebust - CDOT Region 1 RTD; Russ Larsen - Elam Construction/CAPA President; Keith Stefanik - CDOT Chief Engineer; Jason Smith - CDOT Region 3 RTD; Heather Paddock - CDOT Region 4 RTD; Tom Peterson - CAPA.



CATEGORY – Commercial Parking Lot

Costco Aurora Distribution Center Paving Contractor: **Brannan Sand & Gravel of Denver Owners Representative:** Southeast Industrial, LLC

This \$3.5M project included expansion of Costco's Distribution in Aurora, which was originally paved by Brannan in 2020. 41,000 tons of mix was placed using customized specifications to adhere to Costco's corporate quality control. Total contract time was 116 days, but Brannan was able to deliver the project in just 86 days. The Costco facility was able to remain open and fully operate during the entire length of the expansion which involved managing Costco's trucking shipments to ultimately meet the aggressive construction

The judge's awarded a perfect score for overall appearance and commented "Wow, beautiful project, rideability and joints. This is a perfect example of what an award-winning project should look like."



PICTURED: Oscar Galvan, Gunther Anderson, Bryan Weatherford, Colby Black

CATEGORY – Local Agency Resurfacing

City of Greeley 2022 Resurfacing Program **Contractor: Martin Marietta Owner: The City of Greeley**

This \$11.6M project consisted of placing over 57,000 tons of mix as part of Keep Greeley Moving sales tax initiative. 114 locations across the city were included in the scope of this year's project which included maintenance, patching, mill & overlay, and surface treatments.

The City rolled what had been historically five separate contracts into one large maintenance program for 2022.

The judges rated the project near perfect scores in all categories with perfect 10s in segregation and transverse joints and Longitudinal Joints commenting "Clean stellar project, the overall appearance is amazing. Smooth ride and the tie-ins were beautiful."



PICTURED: Mike Maestas, Jimmy Salazar, Zack Buck, Santiago Martinez, Octavio Ortiz-Hernandez, Chris Luden, Abby Glaser, Kyle Neith, Roper Marquiss, Ken Schaffer, David Englebrecht,

CATEGORY - Local Agency- New or Reconstruction

Town of Castle Rock 2022 FDR Program Paving Contractor: Chavez Construction of Littleton

Owner: Town of Castle Rock

This \$6.2M project included full depth reclamation and asphalt paving throughout the streets of the Town of Castle Rock. The FDR was a success with the help of ARS companies. This project was the first-time using Colorado Asphalt Services, Inc. as a material supplier and they went above and beyond to deliver material with exceptional quality.

The project received near perfect scores for overall appearance and segregation and the judges noted "Excellent longitudinal and transverse joints and very good utility work around the manholes. Very consistent mat texture, this is an excellent project."



PICTURED: Rigo Chavez, David Chavez, Frank Castillo, Jason Hauser, Jason Hauser

CATEGORY – Residential Subdivision

UNC Neighborhood in Greeley Contractor: Martin Marietta City of Greeley

This \$7.9M project is part of the Keep Greeley Moving Tax that the citizens voted for in 2015 to improve Greeley's road infrastructure. The scope of work included extensive patching, curb & gutter replacement, milling, placing geofabric and a 1.5" leveling coarse and a final 2.5" wearing coarse.

The project was successful with additional contributions provided by:

- Crasco
- Quality Traffic Control
- Alpha Milling
- Vance Brothers
- RoadSafe

The judges scored perfect to near perfect for all categories, noting "The attention to detail was obvious. The longitudinal and transverse joints were great, and the ride was awesome. Super nice-looking project."



PICTURED: Mike Maestas, Jimmy Salazar, Zack Buck, Santiago Martinez, Octavio Ortiz-Hernandez, Chris Luden, Abby Glaser, Kyle Neith, Roper Marquiss, Ken Schaffer, David Englebrecht, Randy Walrath, James Young

CATEGORY - Surface Treatment

City of Ft. Collins 2022 Surface Treatment Program

Contractor: A-1 Chipseal of Denver Owner: City of Ft. Collins

This \$1.9M project included placement of chipseal's and fog seals throughout select streets within the City of Ft. Collins. Contract time was forty-five days, but A-1 Chipseal completed the critical components of the project in just twentyeight days producing a quality product without significant community impact.

The Judges awarded a near perfect score for overall appearance and commented that "Tie-ins at the intersections were fabulous, really beautiful chipseal...well done."



PICTURED: Josh Krueger, John Parks, Ruben Medina, Gunnar Hale, Tom Knostman

CATEGORY - Urban In-Place Recycling Category

City of Thornton 2022 Hot In-Place Recycling **Paving Contractor: Cutler Repaving of Windsor Owner: City of Thornton** Other contributors included: **Front Range Striping Chacon's Transport**

Brannan Sand & Gravel

The City of Thornton's heater repaving program included full width milling followed by heater repaving (recycling the top 1" of existing asphalt and adding an 1.5" overlay of new asphalt.) This \$1.8M paving operation was accomplished in a single pass, within a single lane closure. The project was completed ahead of schedule in 47 of the 90 contract days.

The judges commented "Overall impressive results with this process in a very populated busy business corridor, earning this project additional points for managing traffic impacts, as well as difficulty while paving around islands and matching back to business entrances."



PICTURED: Miguel & Patty Chacon, Mirna DeLeon Kyle Morehouse, Cesar Vasquez, Richard Nickson, Fernando Herrera, Todd Gonser

CATEGORY - Urban **Highway Resurfacing**

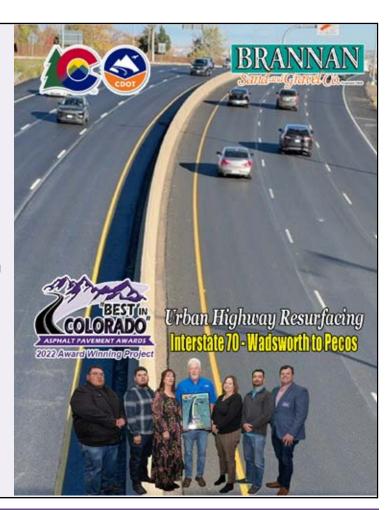
I-70 Wadsworth to I-25

Paving Contractor: Brannan Sand & Gravel of Denver **Owner/Agency: CDOT Region 1**

This \$9.2M I-70 resurfacing project included 5 miles mill & overlay with SMA between Wadsworth and I-25 in the Denver metro area. Placement of 34,000 tons of asphalt, which included a WMA additive, was completed at night on an 80-day contract. Joint density incentive was nearly maximized for this project and the Region 1 team worked closely with Brannan to make project adjustments as needed.

The judges rated the project very high in Complexity & Difficulty commenting "rideability and the longitudinal joints were good and the transverse joints were well constructed."

PICTURED: Rigo Gonzalez, Oscar Galvan, Joleigh Doudy, Jon Gearhart, Andrea, Holtorf, Tom DiNardo, Grant Cruseturner



CATEGORY - Rural Highway Resurfacing

CO 1 Wellington South with a score of 307.8 points. **Paving Contractor: Coulson Excavating of Loveland** Owner/Agency: CDOT Region 4

This \$5.9M project consisted of placing 7.3 miles of surface treatments along State Highway 1 south of Wellington, including 4 miles of 3" overlay, 2.5 miles of FDR with 6" of new asphalt and threequarters of a mile of 3" mill & overlay. Over 45,000 tons was placed over 72 working days.

This project also won CDOT's smoothness awards for both categories I and II.

The Award Judges awarded near perfect-toperfect scores in all categories and commented "If we hadn't seen the transverse joints, we wouldn't have known they were there, amazing! Really hard to say anything negative about this project, absolutely wonderful!"



PICTURED: Matt Coulson, John Pinnello, Steve Spectketer, Rachelle Gabrielson, Travis Howlette, Terry Reusink



Bringing Integrity to the Surface.®

Contractor Services

No matter how large or small, if the project calls for specialized application or installation, **Vance Brothers** is a contractor you can trust with the job. We understand the importance and the expense of your project. Which is why we invest in the technology, materials, equipment and training it takes to do every job right the first time. Expect the best. Every time. It's a matter of integrity.

Capabilities:

- **▼ Chip Seal** Installation
- **▼ Slurry Seal** Installation
- **▼ Micro Surfacing** Installation
- ▼ Tack Coat Sales & Application
- ▼ Road Oil Sales & Application
- **▼ Rejuvenators** Sales & Application
- **▼ Paving Fabrics** Sales & Application
- **▼ Paving Grids** Sales & Application







303-341-2604 vancebrothers.com

380 West 62nd Avenue ▼ Denver, Colorado 80216

What We Do In Denver:

Manufacturing of Liquid Asphalts

- ▼ Full Emulsion Plant and Lab
- ▼ Conventional, CSS-1H, CRS-2, & CQS-1H
- ▼ **Specialty,** Gilsonite Rejuvenate, Asphalt Rejuvenating Agent & Dust Control Agent
- Polymer Modified, CQS-1HL & CRS-2R
- Asphalt & Coal Tar Based Sealers
- ▼ UltraSeal Systems Type 1, 2, & 3
- High Density Surface Coatings

Asphalt Interlayer Geosynthetics

- ▼ Paving Fabrics (Tensar, Mirafi & Propex)
- Paving grids (Tensar GlasGrid & Mirafi)
- Crack Reduction Membranes

Soil Geosynthetics

- Separation and Drainage Fabrics
- ▼ High Strength Stabilization Fabrics
- Tensar Geogrids

Pavement Maintenance

- Sealers Drop Tankers Available
- Hot Pour & Cold Pour Crack Sealants
- Additives and Primers
- Wide Crack Repair Mastics
- Asphalt Tools & Supplies
- Equipment Sales & Rentals

Advantage™ Sport Coatings Tennis **Court Material**







2505 E 74th Ave Denver, CO 80229



7231 Cole View Colorado Springs, CO 80915

Chip Seal • Mapex (Slurry Seal) • Cape Seal • Seal Coat • Crack Seal • Hot Chip Seal • Asphalt Patching • Striping • Concrete Repairs

www.a-1chipseal.com | www.asphaltrepair.com







CATEGORY – Rural In-Place Recycling

SH 149 Lake City

Paving Contractor: United Companies, A CRH Company of Grand Junction Owner/Agency: CDOT Region 5

This \$21.9M project included recycling the existing road surface along SH 149 north of Creede using a cold in-place process then overlaying with 82,000 tons of asphalt.

The project was divided into two phases, including a 21-mile segment between Creede and the southern side of Slumgullion Pass, owned by CDOT Region 5. The second portion of the project was a 14.5 mile section north of Lake City in CDOT Region 3.

It was a joint project for both Region 3 & 5, but was managed by Region 5 staff. Coughlin Company performed the cold in-place recycling improving the smoothness and overall quality of the roadway along one of the most scenic drives in all of Colorado.



PICTURED: Tim Webb, Angela Casale, Callie Bosworth, Jordan Hughes, Courtney Seager, Lisa Wisner, Pat Murphy

CATEGORY - Small Contractor Paving

Town of Castle Rock 2022 Overlay **Paving Contractor:**

Elite Surface Infrastructure of Castle Rock **Owner: Town of Castle Rock**

Materials Supplier: Brannan Sand & Gravel

This \$5.9M project included the Town of Castle Rock's 2022 Mill & Overlay Program, consisting of 2" and 3" overlays throughout Castle Rock. A shuttle buggy and a 30' ski on the paver were both used to assist in creating a smooth bump free surface.

The project also included the first-time use of SMA for the Town. The work was completed on a 110day contract and finished ahead of schedule.

The judges awarded a perfect score for segregation and commented "Great looking job, very smooth!"



PICTURED: Carlos Lovato, Sergio Rodriguez, Kyle Morehouse, Oscar Soltero, Matt Johnson, Randy Speake, Lew Brown, Brian Kelly

CATEGORY – Project Delivery

Kelly Air Park in Elbert County Contractor:

Martin Marietta of Colorado Springs Owner:

Kelly Airpark Home Owners Association

The Kelly Air Park is a privately owned airfield in Elbert County and the homeowner's association had been collecting dues for 20 years to fund this project. The association came to Martin Marietta directly without soliciting other bids with their budget and proposed construction ideas and asked if they could build their runway. The scope of the work included reconstruction and widening of the original asphalt 38' runway. Challenges included addressing two hills in the middle of the runway and no consistent cross slope. The Design/Build was a collaboration between Martin Marietta and Kelly Air Park HOA and the team delivered a final product that exceeded the owner's hopes. Additionally, Martin Marietta was able to save money through certain aspects of the project so that more shouldering could be done that enhanced safety measures if a plane went off the side of the runway.



PICTURED: Chris Burney, Garrett Camper, Rich Barclay, Jim Norman







2023 Colorado Asphalt Hall of Fame Inductee



Larry Ware Alpha Milling Co.



Larry Ware is the newest inductee into the Colorado Asphalt Hall of Fame and joins 22 other honored members since its inception in 2011.

Throughout his career in the asphalt paving and construction industry, Larry has demonstrated his unique ingenuity, entrepreneurial spirit, and dedicated work ethic. He realized there was a need for turn-key milling services in the Colorado market, so he filled the need and developed the business over 3 decades. Larry set the industry standard for milling operations and over 500 different companies utilized his services over the years.

His jovial personality and commitment to excellent customer service allowed him to build lifelong customers and friendships – as well as many dedicated lifelong employees. Larry has also left a legacy for his family, as his son, Nick, is now the CEO of the parent company.

Congratulations to Larry Ware of CAPA Associate Member Alpha Milling on his induction into the Colorado Asphalt Hall of Fame. Larry, shown in photo at left with CAPA's Tom Clayton, was recognized for his career of accomplishments and his commitment and service to the asphalt industry of Colorado.







Today and since the company was founded in 1959, Power Motive Corporation prides itself on being "The Product Support People." Here at PMC, we sell high-quality machines, fast service response times to customers in need of repairs, get machines up and running as quickly as possible, and offer long-term support that goes well beyond the initial sale.

Learn more at our website: www.powermotivecorp.com

303-355-5900

INDUSTRY NEWS

CAPA Recognizes Partner of the Year

Each year CAPA recognizes an organization that we have partnered with to make significant progress. The 2022 recognition was awarded to the Colorado Airport Operators Association (CAOA). Ken Lawson, Executive Director of CAOA, accepted the award from CAPA President Russ Larsen. The Colorado Airport Operators Association (CAOA) serves the common interests of the owners, operators and users of the 74 public use airports located throughout the State of Colorado.

This honor is in recognition of:

- The long-standing partnership between CAPA and CAOA.
- Our mutual efforts to connect the asphalt industry of Colorado to the airport operators of the state.
- The CAOA commitment to working with us to advance the use and quality of asphalt pavement on airports in Colorado.

Congratulations to CAOA! We sincerely appreciate all you do and this award recognizes our long-standing partnership!





CAPA Welcomes New Board of Directors



Shown with CAPA's Tom Peterson, far left, during an orientation meeting are (starting on the right) Tony Majka - Holcim, Jess Hastings - Benesch, and Carey Jones -Kumar & Associates.

The CAPA Board of Directors have elected three new Board members. Representing ACEC is Jess Hastings, Colorado Division Manager, Benesch; representing CAGE is Carey Jones, PMP and Associate Principal/Parker Branch Manager, Kumar and Associates; and Tony Majka, General Manager, Contracting & Asphalt, Holcim.

Carey Jones, PMP, has over 33 years of experience in geotechnical engineering covering geotechnical engineering investigations, laboratory testing, drilling and coring, and construction materials testing. He has served since 2017 on the LabCAT Board of Directors.

Jess Hastings, PE, came to Benesch in 2010 via the merger with Nebraska-based HWS Consulting Group. In 203, he relocated to Denver to support the growth of the Benesch construction management group. For eight years he was the Construction Group Manager for Benesch. In June, 2022, he was promoted to Colorado Division Manager and oversees operations and business development efforts out of the Denver office. He also serves on the CAPA Asset Management Committee.

Tony Majka is the General Manager of Asphalt/Contracting for Holcim (formerly known as Aggregate Industries). Tony has been in the asphalt market for the past 11 years, holding positions at Kiewit, CASI and also Blue Knight Energy Partners. He has been a part of the Front Range airport/170 / 6th and Tower projects and many more that scatter across the Front Range.

INDUSTRY NEWS

The Women of Asphalt

The Women of Asphalt booth at RMACES was managed by many volunteers from the industry over the two days...in the photo; Abby Glaser from Martin Marietta, Joleigh Doudy from CDOT and Tammy Buck and Megan McGuire both from Yeh & Associates hosting the Tuesday Happy Hour and handing out complimentary Moscow Mule copper mugs for the occasion.

The booth garnered much interest as we continue our quest to help women become more interested in careers in the asphalt industry, through education and support.

A new line of clothing was available for sale which included a long sleeve grey shirt and fleece lined beanies. The Colorado branch has also put together an exclusive 120 page cookbook of the ladies favorite recipes. This is a must have for your kitchen when you want to throw together a quick and tasty meal while supporting a good cause. All profits from the sales of this book will go to a local women's shelter here in Colorado.

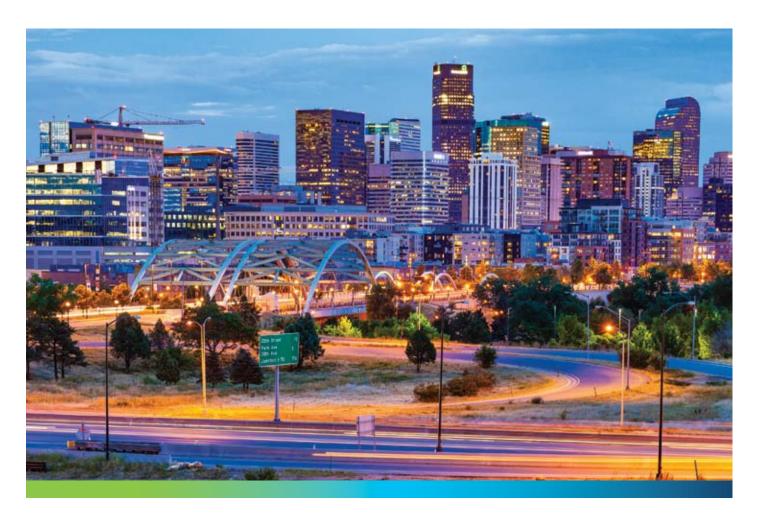
All our products are available to purchase through our online store at: womenofasphaltco.com where you can also view our upcoming events, sign up for membership and learn more about what makes up the great group of women leading the Colorado Branch.



Women of Asphalt Golf Tournament 2023



BUILDING PROGRESS A MILE HIGH.



Colorado builders aim higher. Aggregate Industries has become Holcim to help it happen.

The trusted names you know are now part of Holcim, a global leader in building materials innovation and sustainability. Together, we're working to develop new ways to build smarter, build greener and build progress for people and the planet.

holcim.us

Send Project ITB and RFQ's to wcrestimating@holcim.com

#FollowUsForward



GOT POTHOLES?

IT'S HOT SEASON FOR COLD MIX















SWEEP, FILL, COMPACT.

Always workable • Guaranteed permanent Works in water • Environmentally safe

303-292-3434

estimating@coloradoasphalt.com www.coloradoasphalt.com



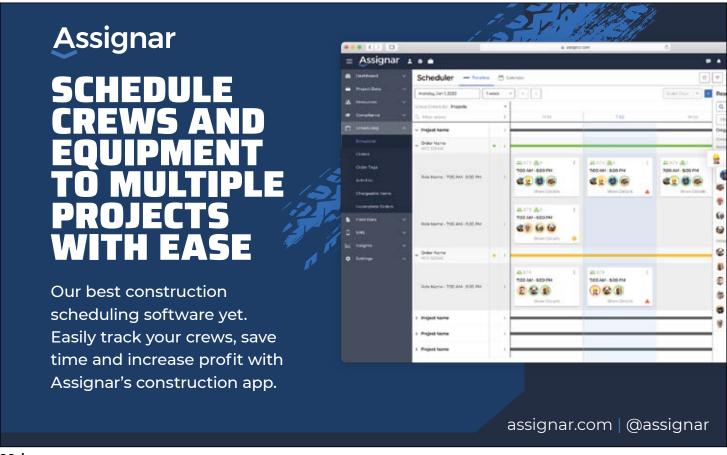
INDUSTRY NEWS

Leading Through Example & Overcoming Adversity



A highlight of the 50th Annual Rocky Mountain Asphalt Conference & Equipment Show was the keynote general session featuring retired US Navy SEAL, Purple Heart recipient, and author Jason Redman. Mr. Redman spent eleven years as an enlisted Navy SEAL and almost ten years as a SEAL officer. He was awarded the Bronze Star with Valor, the Purple Heart, and the Defense Meritorious Serve Medal for his service including being seriously wounded while on deployment in Iraq.

Mr. Redman captivated the audience with his presentation that described his experiences in combat, being wounded in an ambush and his painful and grueling recovery. His primary message was focused on leadership and being a leader through the challenges of life. Leading yourself, leading others, and leading always. A special gift to all attendees was his recent book titled Overcome - Crush Adversity with the Leadership Techniques of America's Toughest Warriors. A limited number of the books are available at No Cost from the CAPA office. Stop by and ask for a copy or contact Tom Clayton at tomclayton@co-asphalt.com.



What do you get from Wagner Equipment Co.? Everything you need. Like expert advice and hands-on support. And around-the-clock access to Genuine Cat® Parts. Plus, you get rock-solid savings on Cat compact equipment.



0% PERCENT. \$0 DOWN. 0 HASSLE.

+ \$500 USD TOWARDS A CAT® CVA*







CALL: 303-681-6221





Training and Education available from the RMAEC

Are you aware the Rocky Mountain Asphalt Edcuation Center (RMAEC) has many different offerings to help you in placing, Inspecting or simply guiding you about

Asphalt Pavements?



To schedule training for any of the training or education sessions, visit the RMAEC page on the CAPA Website

https://www.co-asphalt.com/education-and-seminars



SPRING TRAINING

RMAEC Webinars: On Topic, On Time, Great Value



RMAEC Webinars March to August 2023

March 16: Warm Mix Asphalt/Workability Mix Additive -Update on Use & Acceptance, Matt Elam, Jeff Weitzel and Tyler Francis

April 13: Understanding Asphalt Pavement Construction and Getting Density

May 11: The Fundamentals of Proper Asphalt Sampling and

June 8: Environmental Product Declarations (EDP) - Use and Implementation, Mike Skinner, Dylan Hullinger and Joseph Shacat

July 20: Understanding Mat Defects, Todd Mansell (Caterpillar Equipment)

August 3: Best Practices & New Developments in Asphalt Specifications Tom Clayton and Mike Skinner (CAPA)

RMAEC Webinars are offered at NO COST to CAPA members and agency partners. To Register fro any of the Webinars shown or to see Webinars already presented and archived on our website, visit www.co-asphalt.com/webinars-and-sponsors.

We thank all of our sponsors who help us to keep our webinars free of charge to our members and agency partners.

To become a sponsor, contact Tom Clayton, tomclayton@co-asphalt.com or call - 303-902-2439



STAY ON THE JOB

WITH A MULTI-PURPOSE SWEEPER FROM SCHWARZE



MECHANICAL BROOM

Ideal for milling and highway shoulder sweeping, the M6 Avalanche is designed for industry leading productivity with 1 button sweep & standby, 1 pass performance, 45-second dump cycle, interchangeable belt or squeegee conveyor and is available in single or twin engine configuration. schwarze.com/m6-avalanche

Colorado Department of Transportation Mechanical Sweeper Contract Awarded # 311001984





Great for stormwater compliance, cleaning streets, and highway shoulder sweeping, the **A7 Tornado** offers a generous 8.4-cubic yard hopper, 1 button sweep & standby, rear vacuum catch basin hose, high pressure washdown hose reel, stainless steel hopper and is available in single or twin engine configuration. schwarze.com/a7-tornado

O.J.WATSON
EQUIPMENT
Since 1912
WWW.OJWATSON.COM

SCHEDULE A DEMO TODAY 303.295.2885





POWERFUL SOLUTIONS

FOR THE PAVING & COMPACTION INDUSTRY

SALES | RENTALS | PARTS | SERVICE

DENVER 303-288-6801

Colorado Springs 719-392-1155

Grand Junction 970-243-0722 **GREELEY** 970-669-6209

