

THE ROAD AHEAD



Spring 2019



A supplement to Colorado Public Works Journal, Spring 2019

Meet our Members

Industry News - Colorado Asphalt Hall of Fame

46th Annual Rocky Mountain Asphalt Conference & Equipment Show

25th Annual "Best in Colorado" Asphalt Awards

Women of Asphalt

Bring Your Kid to the Conference, a HUGE SUCCESS!



Introduction



Tom Peterson

Welcome to *THE Road Ahead!* — Spring 2019!

This year marks the Silver Anniversary of the CAPA “Best in Colorado” Asphalt Awards Program and it is the primary focus of this news-magazine. Started in 1993, the awards program has been recognizing quality achievement in asphalt pavement construction, rehabilitation, and maintenance for 25 years. The program started with awards in six initial categories. Over the years, additional categories have been added, competition has increased from the across the state and as a result, the overall quality continues to excel. Over 950 projects have been nominated for consideration and we have recognized 285 as “Best in Colorado.”

The 25th annual was a special year as we saw a near record number of nominations and great competition for each of our award categories. The award recipients were recognized at our annual Awards Dinner and Program on February 27, 2019 at the Crowne Plaza DIA. In addition, the Colorado DOT recognized the smoothest asphalt paving projects on state highways in 2018 and the producers who most consistently produced the highest quality asphalt materials.

The award winning projects are featured on pages 12 to 29 we have included a brief project description and we identify the key individuals

from both the contractor and the owner/agency that made it happen. It is very clear that quality achievement requires a partnership between the contractor and the owner/agency/consultants. A key focus of the 46th Annual Rocky Mountain Asphalt Conference & Equipment Show held on February 27 – March 1 was to strengthen those partnerships and include sessions that provided insight on new technology, innovation, best practices, and leadership, see pages 10 and 11. Two highlights of the 2019 conference were a breakout session on Women of Asphalt (see page 24) and our ever growing Bring Your Kid to Work Day (see page 29).

Much has changed over the past 25 years, but our commitment to advancing the use and quality of asphalt pavements in Colorado is as strong as ever. Here’s wishing you much success on your 2019 projects. We look forward to a great year and hopefully a record number of nominations for our 26th Annual “Best in Colorado” Asphalt Pavement Awards Program.

Thomas Peterson, P.E.

Executive Director, Colorado Asphalt Pavement Association
Chairman, Rocky Mountain Asphalt Conference & Equipment Show

2019 RMAEC Webinar Schedule



2019 RMAEC Webinar Schedule

April to November

| | |
|--------------|---|
| April 9 | Asphalt Paving – Placement and Compaction: presenter TBD |
| April 25 | Wide Crack Repair Options – An Agency Approach: featuring Alan Peterson, Arapahoe County and Dan Stephens, Vance Brothers |
| May 2 | Asphalt Inspection – The Role of the Inspector: Featuring Tom Clayton, CAPA/RMAEC |
| May 16 | Pavement Management 101: Featuring Mike Skinner, Director of Engineering, CAPA |
| June 27 | APM Mixture Design 101– An overview of creating an APM Mixture: Presenter to be determined |
| July 11 | Asphalt Pavement Forensics – Understanding the Fundamentals of Troubleshooting Performance Problems: Featuring Scott Sounart, P.E. of Kimley Horn |
| August 8 | Thin Lift Asphalt Paving for Maintenance and Rehabilitation |
| September 26 | Understanding PG Binders & Grade Selection: Featuring Ryan Proctor, Suncor Energy USA |
| October 10 | This session is yet to be determined! |
| November 7 | Asphalt Plant Production |

What: The RMAEC webinars will cover a wide range of diverse training for Contractors, Consultants, Government Agencies, and all those interested in design construction and maintenance for asphalt pavements.

When: The “live” webinar training will run 60 - 90 minutes in duration. Most begin at 11:30 Mountain time. If your schedule prohibits attendance, you won’t miss out. All of our webinars are recorded, allowing you to log onto the web and view the training at your convenience.

Cost: The RMAEC Webinars are NO COST to CAPA, APWA, CARSE and CDOT.

Register: by visiting the CAPA web page, www.co-asphalt.com/webinar-sponsors

CEU's are available for all sessions to all paid attendees. Contact the rmaec@co-asphalt.com

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INDUSTRY NEWS

COLORADO ASPHALT HALL OF FAME INDUCTEE 2019

Rick Hobbs, Sterling Paving, Western Paving, Western Mobile, Inc.

Rick Hobbs was inducted into the "Colorado Asphalt Hall of Fame" on Wednesday February 27, 2019. The ceremony was part of CAPA's 25th annual "Best in Colorado" Asphalt Pavement Awards Dinner at the Crowne Plaza DIA Hotel and Conference Center.

Rick passed away on December 1, 2018. Rick will be missed, but not forgotten. He was represented at the dinner by his wife, Pam and son, Zach. The CAPA Board of Directors unanimously approved Rick to be inducted into the Colorado Asphalt Hall of Fame at the December Meeting.

Rick left a lasting impact on the asphalt industry of Colorado, an industry that he loved. His career spanned over 41 years in the construction business, starting as a laborer and working his way up to General Manager and Vice President for several companies, including Sterling Paving, Western Paving Construction Co., Western Mobile and LaFarge. He also was an Associate Professor at CSU instructing graduate students in Construction Management. The last five years he ran his own consulting firm. Rick was involved in projects from very small to major projects such as DIA, C-470 and E 470.

Rick served as President of the Colorado Asphalt Pavement Association Board of Directors in 1993 and 1994. Through Rick's dedicated service, commitment, leadership, and vision, the foundation of success was established, and we are benefiting from that today. The accomplishments during Rick's tenure as President were truly remarkable.

One noteworthy example is the development of the Asphalt Training and Certification Program. Working with Scott Shuler



and others, a grant was secured from the Colorado Transportation Commission and the association established the LabCAT program. The facility has been modernized and the program content has been updated, but none of it would have been possible without the leadership provided by Rick Hobbs. During Rick's tenure as President, the association established a dues collection process where the asphalt suppliers collect an assessment on the sale of liquid asphalt and then remit that directly to the association on behalf of the asphalt producers. This one of a kind program required approval of the Colorado Attorney General from an anti-trust avoidance standpoint. CAPA is the only asphalt association in the country that is funded through this process. It is our foundation of success and it would not have been possible without the leadership of Rick.

Scholarship recipients attend the Asphalt Technology Course at NCAT February 18-22, 2019

Colorado was well represented at the recent Asphalt Technology Course at the NCAT Facilities by nine Colorado attendees who attended through the scholarship program.

All of the persons shown received a scholarship in December of 2018 which is jointly funded by CAPA, the Colorado APWA Chapter with help from NCAT, to attend the NCAT Technology Course at Auburn University. They were provided with paid tuition, as well as a travel stipend. The funds were available for this program due to those who participate in the CAPA Golf event each September and all of the great sponsors who support the effort to send people to this technology course.

Since 2001 more than 118 people have attended from Local Agencies, Consultants and Contractors. The 2019 CAPA Golf event is September 13, 2019 at Fox Hollow Golf Course. We host up to 216 players each year.



If you are interested in attending the 2020 NCAT Asphalt Technology Course, information is available from the CAPA web site at <http://co-asphalt.com/resources/apwa-cap-a-scholarship/>



INDUSTRY NEWS

LabCAT Goes on the Road to Grand Junction, April 15-19

2019 takes the LabCAT Certification program back to Grand Junction. The trip to Grand Junction began back in 2013 after the initial road trip to Durango in 2012 when Mike Coggins requested the certification program visit the four corners area instead of having the employees from that area traveling to Denver. The program is open to all who are seeking certification or re-certifying for LabCAT Levels, A, B, C, E and Inspector. CDOT Region 3 hosts this week-long session allows the use of their facilities for the certifications proficiencies to be conducted. There are many other volunteers who help during the week in addition to CDOT employees. A grand thank you to CDOT Region 3, Andy Rosedahl and Cole Golden and the entire Region 3 Materials staff for coordinating this session. We need to thank Diane Hammond in the RMAEC office for preparing the documents and shipping all of the required information to Grand Junction.

The program will run over 4 days (April 15-19) and more than 50 people are expected to be certified or re-certified from CDOT, Consultants and Contractors in the south western part

of the state. Taking the LabCAT Certification sessions on the road provided for a significant savings for all who are attending and will not have to provide out of town travel, hotels and peridium for those employees. Space is still available, contact Diane at rmaec@co-asphalt.com



Pictured are Holly Martin (United Companies) and Cecil Cubbison (CDOT Region 3).

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INDUSTRY NEWS

2019 Local Agency Pavement Condition and Funding Summary Data Available



Colorado Asphalt Pavement Association

Pavement Condition
Funding and Performance of Colorado Local Agencies



2019

CAPA has published the 2019 Local Agency Summary Pavement Condition 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). Seventy-one agencies have provided street funding and condition data in the 2019 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 agencies that reported both 2018 and 2019 data, 61% reported an increase in their streets budget (+\$55.5M), 3% reported the same budget and 36% reported a decrease (-\$20.6M). Budget data also indicates that Capital Project spending is up 22%, Mill & Overlay programs have increased +11% and Maintenance Programs have increased +200%.

Agencies are reporting that over \$294M has been budgeted for 2019 Annual Street Improvement Programs with an additional \$339M in Capital Projects...that’s a total of over \$633M 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: mikeskinner@co-asphalt.com.



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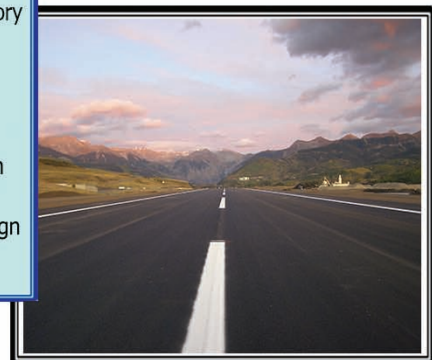


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46th Annual Rocky Mountain Asphalt



Conference and Equipment Show



2018 "Best in Colorado" Asphalt Pavement Awards

CATEGORY - City Street New or Reconstruction

"This award is well deserved and speaks to the commitment to quality from Schmidt Construction and the excellence in oversight and partnering from the Town of Castle Rock." stated Tom Peterson, Executive Director, Colorado Asphalt Pavement Association.

This \$1.2M project included removal of existing concrete placed in 1984 that was no longer economical to maintain by the Town and reconstruct 4,200 lf of this major collector in asphalt. The project was divided into eight phases to provide access to neighborhoods and maintain Emergency Vehicle Service for the adjacent hospital. Through careful planning, communication and execution, Schmidt was able to deliver the project in 65 working days, 15 days ahead of schedule and under budget.

The project received near perfect to perfect scores in all of the criteria and the judges noted "no visible transverse joints, this is an excellent looking project."

Accepting the award (R to L): Jeff Lawson (Schmidt), Tom Klasing (Schmidt), John Weber (Castle Rock), Antolino Delatorre (Schmidt), Juan Perez, Juan Sierra, Juan Robles, and Michael Briss of (Castle Rock).

Schmidt Construction and the Town of Castle Rock



CATEGORY - City Street Resurfacing

Martin Marietta and the City of Fort Collins



"This award is well deserved and speaks to the commitment to quality from Martin Marietta and the excellence in oversight and partnering from the City of Fort Collins." stated Tom Peterson, Executive Director, Colorado Asphalt Pavement Association.

This project consisted of placing over 37,000 tons of asphalt material as part of Fort Collins 2018 Mill and Overlay program. 2 to 3-inch mill and overlays were completed across the city. The judges rated the project near perfect scores in all categories with perfect 10s in Overall Appearance and Transverse Joints commenting "The overall appearance is excellent. Utilities were very flush, quiet, smooth ride. Definitely an award contender."

Accepting the award (R to L): Tom Knotsman and Mike Knox (Ft. Collins), Shelley Richardson, Timmy Holtman, and Deven Becker (Martin Marietta).

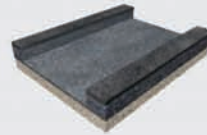


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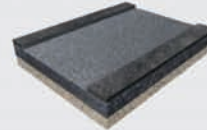
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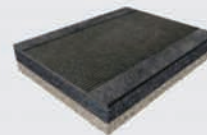
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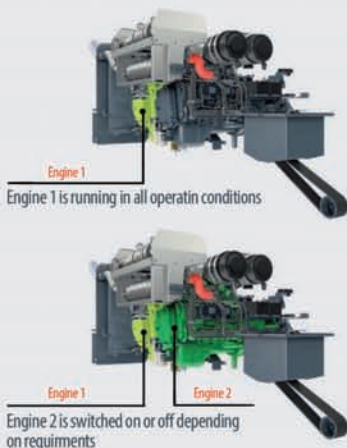


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2018 “Best in Colorado” Asphalt Pavement Awards

CATEGORY - Parking Lot

“This award is well deserved and speaks to the commitment to quality from Brannan Sand & Gravel Co. and the excellence in partnering from Fiore and RC Anderson.” stated Tom Peterson, Executive Director, Colorado Asphalt Pavement Association.

The focus of this \$4.6M project was to construct the parking lot and associated street improvements for Amazon’s second warehouse facility in the Denver Metro area. Total contract time was one year, but the client’s expedited delivery date was achieved in just six and a half months, encompassing placement of over 64,000 tons of asphalt and five different mix designs all assigned for different phases of the project. There were on average 950 construction employees on site each day, creating a project phasing nightmare to maintain parking while paving.

The judge’s scored perfect 10s in all categories and noted it was one of the best projects they had ever seen as judges for the awards program.

Accepting the award (R to L): Ryan Fraham (Fiore), Chris Ruth, Abe Perez Jr., and Garrett Olsen (Brannan), Jim Modafferi (RC Anderson).

Brannan Sand & Gravel Co. Amazon Warehouse



CATEGORY - Urban Highway Resurfacing

Martin Marietta and Adams County



“This award is well deserved and speaks to the commitment to quality from Martin Marietta and the excellence in oversight and partnering from Adams County.” stated Tom Peterson, Executive Director, Colorado Asphalt Pavement Association.

For this \$7.2M CIP resurfacing project along Colorado Boulevard in Adams County, Martin Marietta was able to secure approval from Adams County and CDOT for a full closure of Colorado Boulevard, thus allowing the milling, patching, paving and shouldering to be completed in just seven working days. Placement of 64,000 tons of asphalt for the CIP program was completed on a 120-day contract. Additional project support was provided by Colorado Milling, RoadSafe and Adams County and the project would not have run as smoothly without their contributions.

The judges rated the project perfect in Segregation and Transverse Joints commenting “No visible segregation, the tie-ins to the side roads were done well and the striping was done very well.”

Accepting the award (R to L): Kristin Sullivan, David Rausch, and Gordon Stevens (Adams County), Ray Rodriguez (Martin Marietta), Chris Vorhies (Colorado Milling).

2018 “Best in Colorado” Asphalt Pavement Awards

CATEGORY - Rural Highway Resurfacing

“This award is well deserved and speaks to the commitment to quality from Coulson Excavating and the excellence in oversight and partnering from CDOT Region 4.” stated Tom Peterson, Executive Director, Colorado Asphalt Pavement Association.

The \$198M Big Thompson Flood Repairs project consisted of implementing permanent infrastructure solutions along the US34 corridor after the 2013 flood events that severely damaged the road, hundreds of homes, and several access bridges in the area. Twenty-three miles of US 34 (from the Devils Backbone in Loveland to Estes Park) required permanent repairs including road embankment, bridge construction, drainage replacement, rock blasting, soil mixing, river rehabilitation and repaving. 109,000 tons of asphalt was placed and due to the high elevation and cold overnight temperatures within the canyon, warm mix was used on the project. Work began in October 2017 and was completed in December 2018 work days.

The Award Judges awarded perfect scores in ride quality and segregation and commented “Great overall appearance, didn’t see any segregation in the 20+ miles of the road. Very close to a perfect mountain paving job.” Accepting the award (R to L): Lucas Thom, Charles Knight, Matt Coulson, and Terry Reusink (Coulson), Nate Mares (Kiewit), Mark Hamilton (RockSol), Monte Malik (CDOT).

Coulson Excavating and CDOT Region 4



CATEGORY - Quality in Asphalt Production over 100K tons

In 2002, CDOT began to monitor the quality of plant-produced asphalt paving mix from each supplier to their construction program. The goal with this effort was to identify and acknowledge the asphalt producer who most consistently meets CDOT’s specification requirements. In 2018, there was approximately 650,000 tons of asphalt materials placed by contractors on state highways. Coulson produced approximately 140,000 tons of asphalt materials in 2018.

“This award is well deserved and speaks to the commitment to quality from Coulson Excavating” stated Tom Peterson, Executive Director, Colorado Asphalt Pavement Association.

Accepting the award (R to L): Tyler Marr, JD Klein, Glenn Forbes, and Kevin Furst of Coulson.

Coulson Excavating



2018 "Best in Colorado" Asphalt Pavement Awards

CATEGORY - Urban Highway New or Reconstruct

"This award is well deserved and speaks to the commitment to quality from Aggregate Industries and the excellence in oversight and partnering from Adams County," stated Tom Peterson, Executive Director, Colorado Asphalt Pavement Association.

The scope of this \$23.9M project included widening Tower Road from two to four lanes with a raised decorative median. The scope of work consisted of reconstruction of the existing one lane in each direction and new construction of the additional lane. Two feet of recycled concrete road base was used in lieu of cement treated base, saving time, money and significantly reduced disruption to the traveling public. 63,000 tons of asphalt was placed and work began in June 2016 and was completed in December 2017 for a total of 540 days.

Additional contributions were provided by: Flatiron Constructors for General Contractor, HDR and Jacobs for engineering designs, Colorado Barricade for signing and striping, American Sign for traffic control, ARS for full depth milling and removal.

Accepting the award (R to L): Andrew Focht (Flatiron), Jesus Moreno, and Bob Seader (Aggregate Industries), Roger Tinklenberg (Commerce City).

Aggregate Industries WCR and the City of Commerce City



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2018 “Best in Colorado” Asphalt Pavement Awards

CATEGORY - Quality in Asphalt Production 50K to 100K tons

In 2002, CDOT began to monitor the quality of plant-produced asphalt paving mix from each supplier to their construction program. The goal with this effort was to identify and acknowledge the asphalt producer who most consistently meets CDOT’s specification requirements. In 2018, there was approximately 650,000 tons of asphalt materials placed by contractors on state highways. United Companies produced 60,000 tons of asphalt materials in 2018.

“This award is well deserved and speaks to the commitment to quality from United Companies a CRH Company” stated Tom Peterson, Executive Director, Colorado Asphalt Pavement Association.

Accepting the award is David Fife (Quality Control Manager for United Companies).

United Companies a CRH Company of Grand Junction



CATEGORY - CDOT Smoothness I

Four Corners Materials



CDOT recognizes the smoothest paving project in each of their three roadway smoothness specification categories. The awards are based on CDOT’s measured roadway smoothness profile using HRI specification requirements. Smoothness Pavement Category I is for Urban Reconstruction with or without curb and gutter and one layer overlays over an intermediate treatment.

This project was located along SH160 between SH172 and the Town of Bayfield. The work consisted primarily of placing 10.5 miles of new asphalt pavement over existing pavement. New striping, signing, delineators, guardrail and mailboxes were installed throughout the project.

The project had an average HRI of 40.0 and received 92.2% of available smoothness incentive for 21.32 lane miles of paving. This amounted to \$177,098 of an available \$192,145.

Accepting the award (R to L): Tim Webb (CDOT), Jeff Bran (Four Corners), Mike Gillette (Four Corners).

2018 "Best in Colorado" Asphalt Pavement Awards

CATEGORY - Rural Highway New or Reconstruction

The scope of this \$1.2M project included 4.8 miles of road reconstruction and select stream restoration throughout James Canyon Drive to repair the flood damage that occurred in September 2013. Kelly Trucking completed the subgrade work and Brannan paved back the roadway with 13,000 tons of asphalt. Paving began in July 2018 and was completed in August for a total of 31 days. The working environment was a tight mountain canyon creating challenges for hauling and paving operations, along with other projects going on in the canyon at the same time. The Jamestown community was very accommodating and appreciative of the work performed.

Additional contributions were provided by: Kelley Trucking for general contractor and subgrade work and RoadTrac for profilograph testing to adjust for smoothness.

Accepting the award (R to L): Jeff Langan (Brannan), Colton Coughlin (Boulder County), Andrea Holtorf (Brannan), Abe Perez Jr. (Brannan), Jose Melchor (Brannan), and Chris Ruth (Brannan).

Brannan Sand & Gravel and Boulder County



CATEGORY - CDOT Smoothness II

SIMON



CDOT recognizes the smoothest paving project in each of their three roadway smoothness specification categories. The awards are based on CDOT's measured roadway smoothness profile using HRI specification requirements. Smoothness Pavement Category II is for new construction with or without curb and gutter for more than one layer.

This winning project is located along US 85 between Ault and Eaton in CDOT Region 4, including the towns of Ault and Eaton. The project consisted of full depth reclamation of existing asphalt, rubblization of concrete pavement, milling, grading, drainage, concrete intersections, electrical work, signing, pavement marking, traffic control and asphalt paving.

This paving had a final average HRI of 43.1 for 18.64 lane miles, achieving 77.7% of the available smoothness incentive, a total of \$130,557.

Accepting the award (R to L): Anthony Anderson (CDOT), Kyle Rademacher, Derek Daniels, Gavyn Bates, and Albert Sisneros (SIMON).

2018 "Best in Colorado" Asphalt Pavement Awards

CATEGORY - Project Delivery

APC Construction, Brannan Sand & Gravel, Martin Marietta, Kraemer North America and City of Sheridan

The City of Sheridan is responsible for maintaining approximately 21.5 center line miles of pavement and in 2012 found that many of the city's roadways were in need of total replacement. In 2015, City Council placed a bond issue on their November ballot and the residents passed the \$32M bond to address Sheridan's aging infrastructure network over a seven-year period. When construction began in 2016 the City realized the size and scope of managing such a project and decided to have their project built under a CM/GC contract, selecting Kraemer North America as their contractor. Ultimately 132,000 tons of asphalt was placed on the project.

According to Randy Mourning (Director of Public Works) "With the support of City Council, all of our residents and the resources dedicated to this project, the team cut the project schedule in half while still maintaining quality. Sheridan was very fortunate and was in a unique situation where we addressed all of our city streets within a four-year period. I don't ever remember seeing or hearing about a city doing an entire infrastructure rehab at this scale."

Accepting the award (R to L): FRONT ROW: Cade MacGregor (Kraemer), Andrea Holtorf (Brannan), Oscar Galvan (Brannan), Councilman Dallas Hall (Sheridan), Mayor Tara Beiter-Fluhr (Sheridan), Brandon Simao (Kraemer), Randy Mourning (Sheridan), Arnie Gomez (Martin Marietta). BACK ROW: Brandon Shafer (APC), Luis Gutierrez (APC), Jose Melchor (Brannan), Jorge Semintal (Martin Marietta), Bob Halbert (Kraemer).





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2018 “Best in Colorado” Asphalt Pavement Awards

CATEGORY - CDOT Smoothness IV

CDOT recognizes the smoothest paving project in each of their three roadway smoothness specification categories. The awards are based on CDOT’s measured roadway smoothness profile using HRI specification requirements. Smoothness Pavement Category IV is applied to; cold recycling without an overlay, thin overlays without an intermediate treatment, heating and scarifying without an overlay, and urban rehabilitation treatments affected by matching existing curb and gutter.

This 25-mile project is located on State Highway 69 in Huerfano County and CDOT Region 2. The work consisted primarily of 36,000 tons asphalt overlay, new guardrail, and guardrail replacement.

The project had an initial ride quality of 151.4 HRI and a final HRI of 72.8 which resulted in an average 52.8% ride improvement.

Accepting the award (R to L): Chris Robinette, Josh Ary, and David Tafoya (A & S), with Mike Schreiber (CDOT).

A & S Construction



CATEGORY - Residential Subdivision

This \$6.9M 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-inch leveling course and a final 2.5-inch wearing course.

The judges scored near perfect for both longitudinal and transverse joints, noting “The attention to detail was obvious. Hand work was beautiful and no visible issues with cold joints.”

Accepting the award (R to L): Abby Glaser, and Roper Marquiss (Martin Marietta), Pat Hill, and Randy Walrath (City of Greeley), Mike Maestas, Dave King, Chris Luden, and Jimmy Salazar (Martin Marietta).

Martin Marietta and the City of Greeley



2018 "Best in Colorado" Asphalt Pavement Awards

CATEGORY - Urban In-Place Recycling

The City of Centennial uses the heater repaving process to satisfy Centennial's ongoing Sustainability Program. Hot In-Place Recycling was performed along two arterial roads, including edge milling followed by heater repaving (recycling the top 1-inch of existing asphalt and adding a 1.5-inch overlay of new asphalt.) This \$520k paving operation was accomplished in a single pass, within a single lane closure. The project was completed ahead of schedule in 23 of the 31 contract days. Centennial selected In-Place Recycling because it maximized existing pavement materials and minimized costs and traffic disruptions.

The judges scored 9's and 10's in all of the categories and commented, "Overall very impressive results with this process in a busy urban environment."

Accepting the award (R to L): Michael Terry (Centennial), Todd Gonser (Cutler), Patricia Chacon, and Miguel Chacon (Chacon Transport), Jemmy Henry (Alpha Milling).

Cutler Repaving and the City of Centennial



CATEGORY - Surface Treatment

Vance Brothers and the City of Cherry Hills Village



This \$378k project included placement of chipseals and fog seals along 32 select streets and cul-de-sacs within Cherry Hills Village. Contract time was twenty days, but Vance Brothers completed the work in just seven days.

The Judges awarded 9's and 9.5's in all categories and commented that "the single chip application looked nice and tight with only very minor raveling in the cul-de-sacs, which is difficult with turning vehicles...well done."

Accepting the award (R to L): Jeremy Clayton (Cherry Hills), Blanca Saldana (Vance Bros.), Jay Goldie (Cherry Hills), Heath Russo (Vance Bros.), Cody Vance (Vance Bros.).

INDUSTRY NEWS

Rocky Mountain Asphalt Conference features the “Women of Asphalt”



One of the highlight breakout sessions at the 46th annual RMACES featured a panel presentation from the Women of Asphalt. The session was moderated by Amy Miller from the Asphalt Pavement Alliance and had panelists, Ellen Hilbig from the City of Longmont, Amy Stropotholos from WesTest, Brenda Shuler from Aggregate Industries, and Nikki Upright from CDOT. This session focused on the opportunities available to Women in the Asphalt Industry. The room was filled with a mixed group of 50% women and 50% men.

Who are the Women of Asphalt? Women of Asphalt is a national coalition which supports women in all aspects of the asphalt industry through mentoring, education, and advocacy, and by encouraging women to seek careers in the asphalt industry.

What is the story behind the Women of Asphalt? Engineering, science and construction have historically been male-dominated industries. Over the past few years, there's been an increase in the number of women moving

into these fields. The asphalt industry is no exception. Although women do not represent a majority, they are beginning to represent more positions across the industry, from the field to the C-suite.

In her role as National Director for the Asphalt Pavement Alliance, Amy Miller works with a variety of people within the industry. In 2017, she discussed the idea of the Women of Asphalt with several other industry ladies, who were all extremely receptive and felt that this could help our industry in a variety of ways – encouragement, support, workforce development and education. With that in mind, they formed Women of Asphalt, a coalition to lead and inspire women in the asphalt industry.

The mission statement of the group is “We lead and inspire women in the asphalt industry.”

Learn more about joining the “Women of Asphalt”
<https://womenofasphalt.org/membership/>

Colorado Women of Asphalt Profiles



Nicola "Nicki" Upright

Project Manager, Colorado Department of Transportation in Greeley, CO

Nicki has been in the asphalt industry for 34 years. She is responsible for overseeing construction projects. She manages the budget, inspectors, and testers. She also verifies the reports and contractor submittals and ensures the project is built according to the plans. She has also volunteered for the Rocky Mountain Asphalt Conference & Equipment Show for the past 11 years and currently serves on the board for the conference as Treasurer.

What is your most proud moment working in the asphalt industry?

I think the proudest moment I have had is winning a CAPA (Colorado Asphalt Producer's Association) in 2017 for a \$21 million project that had 160,000 tons of mix on it. It took us two years to complete the project. The project had the highest score ever awarded in 22 years of the awards being handed out.

What advice do you have for women just entering in the industry?

I would say that you are going to have to work hard to prove yourself in this field. This job is not easy, but it has some great rewards. There will be tough days and challenges, but if you believe in yourself and know that you are doing the best possible job, you will see some great results of your efforts.

How did you get into the asphalt industry?

My father, a Project Manager, got me a temporary job with CDOT during the summers while I was in college. I spent my summers walking behind a paver doing inspections and taking tickets from the trucks delivering asphalt. I learned a lot about the construction of asphalt during those years. When I got a permanent job with CDOT, I spent time as a tester and then moved into inspections and on into project management. I have always enjoyed the projects that have asphalt on them the most.



Abby Glaser

Project Coordinator, Martin Marietta in Northern Colorado

Abby has been in the asphalt industry for 14 years. She manages paving projects from start to finish through scheduling, managing subcontractors, and tracking quantities, progress costs, and revenue.

What is your favorite thing about working in the asphalt industry?

I love the people and the variety of work. I enjoy contributing to one of the key components of our society. I enjoy being part of a project from beginning to end. I love wrapping up a project and being able to look back at what was accomplished.

What is your most proud moment working in the asphalt industry?

The first project I managed was nominated for a Best in Colorado award through the Colorado Asphalt Pavement Association. I was proud of the amazing job my team did and the amount of effort and commitment they showed.

What's the one thing people don't know or would be surprised to learn about you?

I graduated a year early from an alternative high school. I began working at an asphalt plant just after turning 18. I have continued to work for the same company the last 14 years.

2018 “Best in Colorado” Asphalt Pavement Awards

CAPA Partnership Award

Denver, Colorado, (February 2019) – The Colorado Public Works Journal has been recognized with CAPA’s 2018 Partnership Award as an outstanding partner to the Asphalt Paving Industry.

The award was presented at The Colorado Asphalt Pavement Association’s “Best in Colorado” Quality Awards Dinner held in conjunction with the 46th Annual Rocky Mountain Asphalt Conference and Equipment Show at the Crowne Plaza – DIA on February 27, 2019.

CAPA has been a partner with the Colorado Public Works Journal since the inception of the magazine and together work to produce CAPA’s twice annual The Road Ahead magazine, regular content for the CPWJ Magazine and the annual CAPA Membership Directory.

“This award is well deserved and speaks to the Colorado Public Works Journal’s commitment to working together and Industry advancement.” stated Tom Peterson, Executive Director, Colorado Asphalt Pavement Association.

In recent years CAPA has recognized the Metropolitan Government Pavement Engineer’s Council (MGPEC); The Colorado Association of Road Supervisors and Engineers (CARSE); the American Public Works Association – Colorado Chapter (APWA-CO); and the Colorado DOT with the Partnership Award.

Colorado Public Works Journal Receives Partnership Award



Accepting the award (L to R): Tom Clayton (Director of Training & Membership, CAPA), Jo Taylor (Publisher Colorado Public Works Journal), Tom Peterson (Executive Director, CAPA).

“2018 NAPA Quality in Construction” Winners

Brannan Sand and Gravel Co., Denver, CO

- Various Roads in the preserve in Greenwood Village, Co.



Four Corners Materials, A CRH Company, Bayfield, CO.

- US 160 in La Plata County



Martin Marietta, Golden, CO.

- Fall River Road near Dumont, CO
- Various Roads in Fort Collins, CO



United Companies A CRH Company, Grand Junction, CO

- Rim Rock Drive in Grand Junction, CO
- SH 133 in Delta and Gunnison Counties
- SH 139 in Grand Junction CO
- US 40 in Steamboat Springs, CO



Martin Marietta, Golden, CO.

- Westmoor Technology Park, Westminster, CO
- White Deer Drive and Elkhorn Street, Littleton, CO



Martin Marietta, Fort Collins

- Various Roads in Greeley, Colo.



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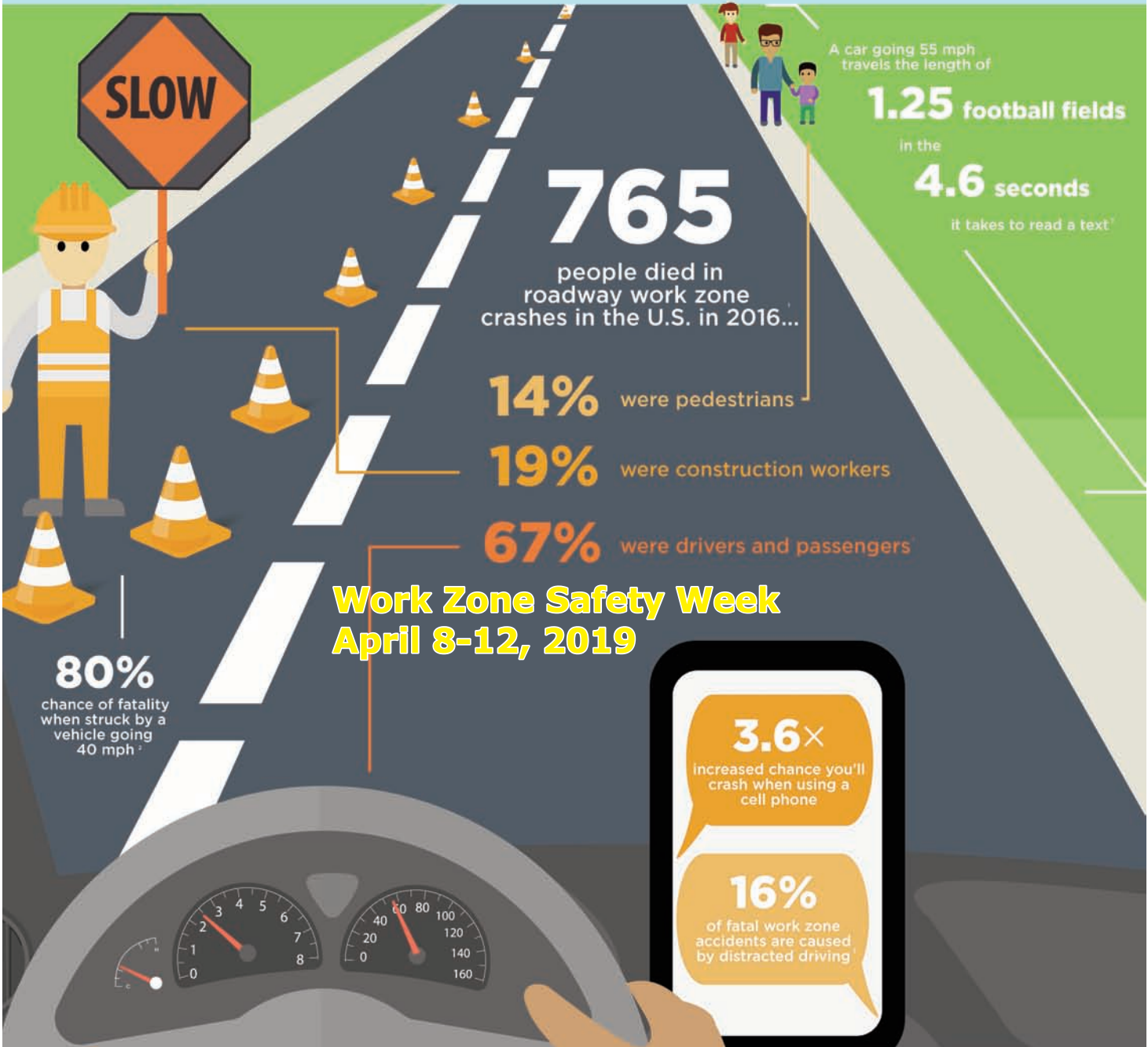


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¹ FHWA Transportation Development Foundation (2018). Work-Zone Fatal Crashes and Fatalities [web page].

² Chang, A. & Walker (2018, Mar. 1). Why Pedestrian Deaths Are at a 35-Year High and How to Reverse Them. *All Things Considered*.

³ FHWA (2016). National Work Zone Awareness Week: Don't Be That Driver. Federal Highway Administration, Washington, D.C.

⁴ Dingus, T.A., P. Guo, S. Lee, J.F. Antin, M. Perez, M. Buchansky, & J. Hawley (2016). Driver Crash Risk Factors and Prevalence Evaluation Using Naturalistic Driving Data. *Proc. of the National Academy of Sciences*, 113, No. 10, pp. 2639-2644. doi:10.1073/pnas.1522711113

⁵ Olson, P., B.J. Harrison, J.S. Heidman, & J. Socacaya (2014). Driver Distraction in Commercial Vehicle Operations (Report No. FMCSA-RRR-14-044). Federal Motor Carrier Safety Administration, Washington, D.C.

⁶ Burke, K. (2016, May 16). How Many Texts to People Send Every Day? *Text Request* [blog].

INDUSTRY NEWS

RMACES “Bring Your Kid to the Conference” a Huge Success

The Rocky Mountain Asphalt Conference and Equipment Show (RMACES) started a tradition a few years ago to expose the next generations to our industry. On the last day of each conference over the past several years the conference has allowed and encouraged kids to attend with their parents and be exposed to the equipment and the industry in whole. The number of young people attending in 2019 hit an all time high with as many as 100 kids in attendance. In 2020 the Kids day will be Friday February 21.



Mark Your Calendar for these 2019 CAPA events

**LabCAT on the Road to Grand Junction-
April 15 to 19**



Member Meeting

Colorado Asphalt
Pavement Association
**All Member Meeting
"Women of Asphalt"
May 17, 2019**



**Family Picnic, All member
companies and employees
are invited, Saturday
August 10, 2019, Bellevue
Park, Englewood**



**CAPA Golf Event - Fox Hollow GC
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25th Annual "Best in Colorado" Asphalt Awards Dinner

CAPA AWARDS DINNER

Crowne Plaza Hotel - DIA. February 27th 2019



Left to Right Jody Pieper - CDOT, Renee Railsback Colorado LTAP, Michael Stanford - CDOT



CDOT Chief Engineer presenting the Smoothness Category 1 award to Four Corners Materials



CAPA President David Lemesany addressing the crowd



One of the tables from Rocksol Consulting Group attending the dinner



Tom Peterson, CAPA Executive Director and the Project Delivery group representing The City of Sheridan, Kraemer NA, APC Construction, Brannan Sand and Gravel, Co. and Martin Marietta



(Left to Right) Dick Coulson - Coulson Excavating, Ed Wells of Connell Resources, Ken Coulson of Coulson Excavating



A group from Brannan Sand and Gravel Co.



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