

THE ROAD AHEAD



Spring 2016

**A supplement to Colorado Public Works Journal
Spring 2016**

Meet our Members

**Industry News: Constructability Reviews,
LabCAT on the Road**

**43rd Annual Rocky Mountain Asphalt Conference
and Equipment Show**

22nd Annual CAPA "Best in Colorado" Asphalt Awards





Introduction



Tom Peterson

Welcome to *THE Road Ahead!*

THE Road Ahead is the official magazine of the Colorado Asphalt Pavement Association (CAPA). The mission of CAPA is to advance the use and quality of asphalt pavements in Colorado.

GO DIGITAL An e-version of THE Road Ahead becomes available on **www.co-asphalt.com** once the issue is published. It's a fun, interactive way to experience and share the magazine. Between editions, keep up on all things ASPHALT via Facebook.

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The CAPA Lunch & Learn Series

The CAPA Lunch & Learn Series is a "No Cost Service" that provides training on the latest information, technology, and applications for asphalt pavements. Presentations are tailored to meet your needs.

Generally, sessions last 1 to 1.5 hours depending on the information requested. Sessions can take place at any time of day – whatever is convenient for you and your colleagues. Review the list of topics we offer, contact us and we will schedule your session. PDH/CEU's are available.

If you find yourself asking these or any other questions related to asphalt, the Colorado Asphalt Pavement Association has just what you and your organization need - CAPA's Lunch & Learn Series.

ASPHALT PAVEMENT TOPICS

- Design Considerations
- Mix Specs, Methods & Quality Control
- Maintenance and Pavement Preservation
- Inspection
- Warm-Mix Asphalt

- Thin Overlays
- Rubblization
- Porous Asphalt
- Life Cycle Cost Analysis
- Pavement Management
- Question/Answer Forum



KEEPING UP WITH ASPHALT PAVEMENTS

- What is Warm Mix Asphalt?
- What 'best practices' should be followed for contracting and bid document requirements?
- Is there information on the performance of asphalt?
- What specs should I use?
- What's new in asphalt technology?
- What are the current rehabilitation options?

Contact Tom Clayton, CAPA Director of Training at: (303) 741-6150 x151 or via e-mail at tomclayton@co-asphalt.com to schedule a session or to learn more information about this program. Personal Development Hours (PDHs) will be issued upon completion of seminar.

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Affiliate Agency Members – CAPA has an Affiliate-Agency Member List that includes 72 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.

INDUSTRY NEWS

Using Value Engineering & Constructability Reviews to Support Project Success



One of the highlights of the 43rd Annual Rocky Mountain Asphalt Conference & Equipment Show this year was a technical breakout session titled "Using Value Engineering & Constructability Reviews to Support Project Success". The session was targeted for Local Agency Public Works personnel, DOT personnel, consultants and contractors. Mike Skinner, the Director of Engineering for CAPA hosted a panel discussion of local experts to share their experience and expertise. Panelists included Ryan Sorenson (Value Engineering Program Manager for CDOT), Jeff Dankenbring (Senior Transportation Engineer with Hartwig & Associates), Grant Cruseturner (Project Manager for Brannan Companies) and Bruce Hamon (President of Hamon Infrastructure).

Ryan started the session with an overview of the Value Engineering Program at CDOT (indicating that the VE process is Federally required for projects greater than \$40 Million) and highlighted the benefits of VE on CDOT projects including:



- Monetary
- Reduced Environmental & Community Impacts
- Improved Constructability
- Improved Maintainability

Panelists then provided differing perspectives on conducting a productive VE study session with respect to

- Achieving Optimum Value highlighting Life Cycle Costing and gave examples of VE project alternatives for heavy highway and road construction.
- Accelerated Construction & Sustainability identifying Best Value alternatives for project selection.

The second portion of the panel discussion explored the value of using Constructability Reviews on a project to quantify and assess risks. All agreed that Contractor input early in the development and planning process (50%-60% design phase) allows the opportunity to incorporate input received into the final design providing for:

- Lower construction costs and saving alternatives
- Identification of risks
- Valuable input on scheduling and phasing

Grant and Bruce provided discussion on the Top Rules for an Effective Constructability Review stressing to keep the review constructive (not focusing on missing items in this early stage of design) and building the project by walking thru the construction process thus discovering potential issues.

The session was wrapped up with examples and of successful Constructability Reviews including C-470 (Segment 1) in 2011, I-25 (Segment 3 Managed Lanes) in 2015, Colorado Boulevard Improvements (Idaho Springs) in 2015, Commerce City (SH2 Improvements and Tower Road Widening) both in 2015.

The highlight of the success stories was provided by Jeff with his involvement on the Arapahoe Road Improvement Project (Waco to Himalaya in Arapahoe County). When the original project construction estimate was identified at \$18 Million back in 2008, the major stakeholders (City of Centennial and



Arapahoe County) were not able to proceed due to the estimated cost well beyond their available budget and shelved the project. The design team then hosted Value Engineering and Constructability Reviews to reassess the project. Incorporating the takeaways from those sessions, the project was redesigned and final awarded bid was \$10.48 Million. "The Value Engineering and Constructability Review processes were invaluable to getting this project off the ground and starting construction," stated Jeff.

Feedback and questions from the audience was insightful and several local agencies in attendance commented that they were going to explore using the Constructability Review process at their agencies for upcoming projects.

Mike Skinner, PE
Director of Pavement Engineering
Colorado Asphalt Pavement Association

INDUSTRY NEWS

Skinner Added to NCAT Applications Research Steering Committee

Mike Skinner, CAPA's Director of Pavement Engineering, has been appointed to the Applications Research Steering Committee (ASC) at the National Center for Asphalt Technology (NCAT) at Auburn University in Alabama. The steering committee is comprised of asphalt experts from across the country and meets twice per year at NCAT to provide input and feedback into the NCAT asphalt research program. The committee is chaired by Pete Capon, Technical Services Director, of asphalt contractor Rieth-Riley, Indiana. NCAT is the largest asphalt research program in the US.



County Organization Receives CAPA's 2015 Partnership of the Year Award



The Colorado Association of Road Supervisor's & Engineers (CARSE) were recognized at the CAPA Awards Dinner as recipient of the CAPA 2015 Partnership of the Year Award. CARSE is a sponsor of the CAPA asphalt webinar program, is a co-sponsor of the Rocky Mountain Asphalt Conference & Equipment Show and collaborate on training throughout the year. In receiving the award, CARSE President Ted Plank of Boulder County stated the following:

"I want to thank CAPA on behalf of the CARSE organization for recognizing us at this year's awards banquet. Our two organizations have shared a long and productive relationship that I think has benefited both immensely. I still recall like it was yesterday having Tom Peterson come to the first CARSE conference that I personally was responsible for putting together, and how grateful I was that he was willing to come.

We greatly appreciate your taking time to honor us with this award, and we are looking forward to many more years of partnering with you. Thanks! Best, Ted Plank, President, Colorado Association of Road Supervisors and Engineers, Road Maintenance Division Manager, Boulder County Transportation Department."

Safe Asphalt for Everyone: A website devoted to asphalt production and the environment. Like us on Facebook.



CAPA Supporting Aviation

March 2016, CAPA hosted its Annual Airports & Asphalt Meeting at the Front Range Airport and was attended by aviation design consultants, contractors, Federal and DOT officials and airport operators from across the state. Chris Schaffer, Assistant Manager for the FAA's Denver ADO office and his staff shared an overview of their planned 2016 / 2017 airport projects and proposed funding across the State. David Ulane, the Director of CDOT Aeronautics Division shared an update on their Aviation Grant and Discretionary Spending Programs. Cindi Hirsch, Lead Engineer for the FAA Northwest Mountain Region led a discussion about recent changes to FAA specifications and technical updates for the region.



CAPA Supporting Aviation across Colorado
CAPA hosted their Annual Airports & Asphalt Meeting at Front Range Airport in March in partnership with the FAA, CDOT Aeronautics and the Colorado Airport Operators Association (CAOA).



CAPA FAA Annual Airports & Asphalt Meeting. Pictured Left to Right: Dave Ruppel (Front Range Airport Manager), Mike O'Leary (Ingevity), Chris Schaffer (FAA), Tom Peterson (CAPA).

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LabCAT Goes on the Road to Grand Junction



The Laboratory for Certified Asphalt Technicians completed a very successful week on the road in Grand Junction on March 7–11, 2016.

Hosted by CDOT Region 3 Materials Lab, LabCAT certification courses Level A - Field, Level A- Field (Streamlined), Level B – Lab, Level C – Volumetrics, Level E – Aggregates, and Level I – Inspection were all held in an action packed week. LabCAT Instructor Cindy Rutkoski and Director of Training Tom Clayton led the training with assistance from CDOT Region 3 Lab Manager Andy Rosendahl. 78 attendees participated in the courses throughout the week. *“Having the training in Grand Junction is a win-win for the program and our western slope members and agency partners”,* stated Tom Clayton. *“It greatly reduces the cost of having all the technicians travel to Denver and it expands the reach of the program.”* *“This is the second time we have had our classes in Grand Junction and we are on a 3 year cycle.”*

RMAEC & LabCAT to Celebrate 20th Anniversary

2016 is a celebration year for the Rocky Mt. Asphalt Education Center. Where has the time gone? It doesn't seem that long ago when the CAPA leadership under the direction of Board President Rick Hoobs of Western Mobile Inc., and Executive Vice President Scott Shuler, formed a partnership with CDOT to develop the Laboratory for Certified Asphalt Technicians (LabCAT). The partnership was spurred by a new federal regulation that required qualified testing technicians on federally funded projects.

Colorado Transportation Commissioner Pete Mirelez was instrumental in the approval of \$485,000 for setting up the new facility and providing the needed equipment. It is now 20 years since the first courses were held in 1996. In 2015, over 95% of all attendees rated the quality of the program and the benefit of certification as either good or excellent.

A Celebration Luncheon is planned for Wednesday, June 1, 2016, at the Marriott Hotel Denver South at Park Meadows. All are invited. To RSVP: e-mail info@co-asphalt.com



Scenes from The Grand Junction LabCAT Certification

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2015 "Best in Colorado" Asphalt Pavement Awards

CATEGORY - City Street New or Reconstruction

The City of Loveland and local paving contractor Coulson Excavating have been recognized with a "Best in Colorado" Quality Award in the City Street New or Reconstruction Category for their W. 29th Street Reconstruction project in Loveland.

This \$1.3M project included reconstruction of W. 29th Street between CR 17 and CR19 in Loveland. Six inches of asphalt was removed and then 6-inches of full depth reclamation was performed. Three inches of S PG64-22 (with 20% RAP) was placed as the lower lift followed by three inches of Sx PG64-28 (with 20% RAP) for the top lift. 11,000 tons of asphalt materials were placed over 46 working days.

Accepting the award (Left to Right): Jeff Keil (Project Manager/Loveland), Charlie Knight (Superintendent/Coulson), Dave DaBaere (City Engineer/Loveland), Mike Laugel (Foreman/Coulson).

West 29th Street Reconstruction, City of Loveland



CATEGORY - Preventive Maintenance Surface Treatment

The Town of Castle Rock and local paving contractor Foothills Paving & Maintenance have been recognized with a "Best in Colorado" Quality Award in the Preventive Maintenance Surface Treatment Category for the 2015 Town of Castle Rock Slurry Seal Program.

This \$1.5M project consisted of the Town's 2015 Slurry Seal program, including patching, leveling and placement of 513,000 SY of Type II aggregate slurry seal.

Accepting the award (Left to Right): Kevin Smith (Inspector/Castle Rock), Frank Costillo (Inspector/Castle Rock), Heath Russo (Project Manager/FPM), Vince Martinez (Ops. Mgr./FPM), Aaron Monks (Project Manager/Castle Rock).

Castle Rock Slurry Program



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2015 "Best in Colorado" Asphalt Pavement Awards

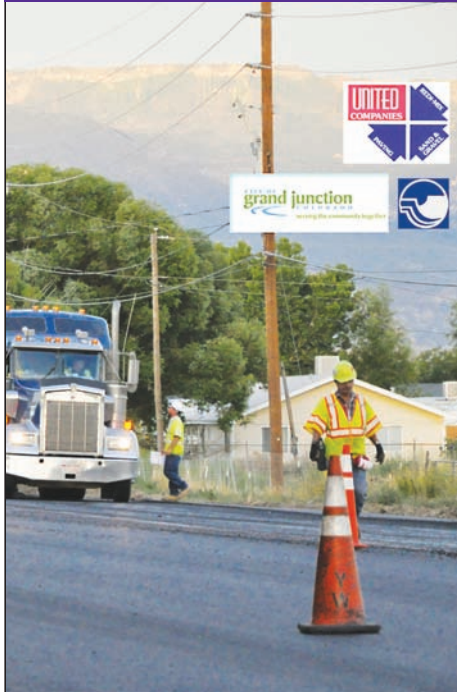
CATEGORY - City Street Resurfacing

Mesa County, the City of Grand Junction, and local paving contractor United Companies have been recognized with a "Best in Colorado" Quality Award in the City Street Resurfacing Category for their D Road Widening and Overlay project in Grand Junction.

The City of Grand Junction had been unable to fund the \$4.7M planned reconstruction of this portion of D Road. So instead, a \$700,000 change order to widen and place a thick overlay was issued. Deep patching was performed in select areas prior to placing the thick 3-inch top mat using SX 76-28 material. Prior to the work, D Road was measured at a PCI score 47. After the project was complete, the City received several calls from travelers commenting on how well the road drives upon completion of the project.

The judges scored the project superior

D Road, Widening and Resurfacing, City of Grand Junction



quality for overall appearance, segregation, longitudinal and transverse joints and ride quality. This project almost tied for the highest points from the 2015 submittals with a score of 311 out a maximum of 350 points.

Accepting the award were (Left to Right): Justin Vensel (Engineer/Grand Junction), Victor Alvarez (Paving Lead/United), Rick Bottenfield (Superintendent/United), Pat Benet (Foreman/United), Ken Dobey (Construction Mgr./United), Derek Smith (Mesa County).



CATEGORY - Urban Highway Resurfacing

CDOT Region 4/RockSol and local paving contractor Coulson Excavating have been recognized with a "Best in Colorado" Quality Award in the Urban Highway Resurfacing Category for their US 287 Phase 2 Resurfacing project near Loveland.

This \$6.3M project included reconstruction of the SH392/SH 287 intersection in Loveland and resurfacing of 4 miles of US 287 full width. The existing surface was milled by 3 inches and resurfaced with 1-inch Sx 64-22 and 2-inch Sx 64-28. 36,000 tons of asphalt material was placed over 143 days. Alpha Milling coordinated the rotomilling which was essential for paving the bottom leveling coarse in high commercial and retail traffic area and maintaining public access.

Accepting the award were (Left to Right): Matt Coulson, Allen Wood, Marty Fey, Roger Tanner, and Steve Specketer.

U.S. Highway 287, Phase 2, Resurfacing



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-Lianna Miller | Engineer | Commuter

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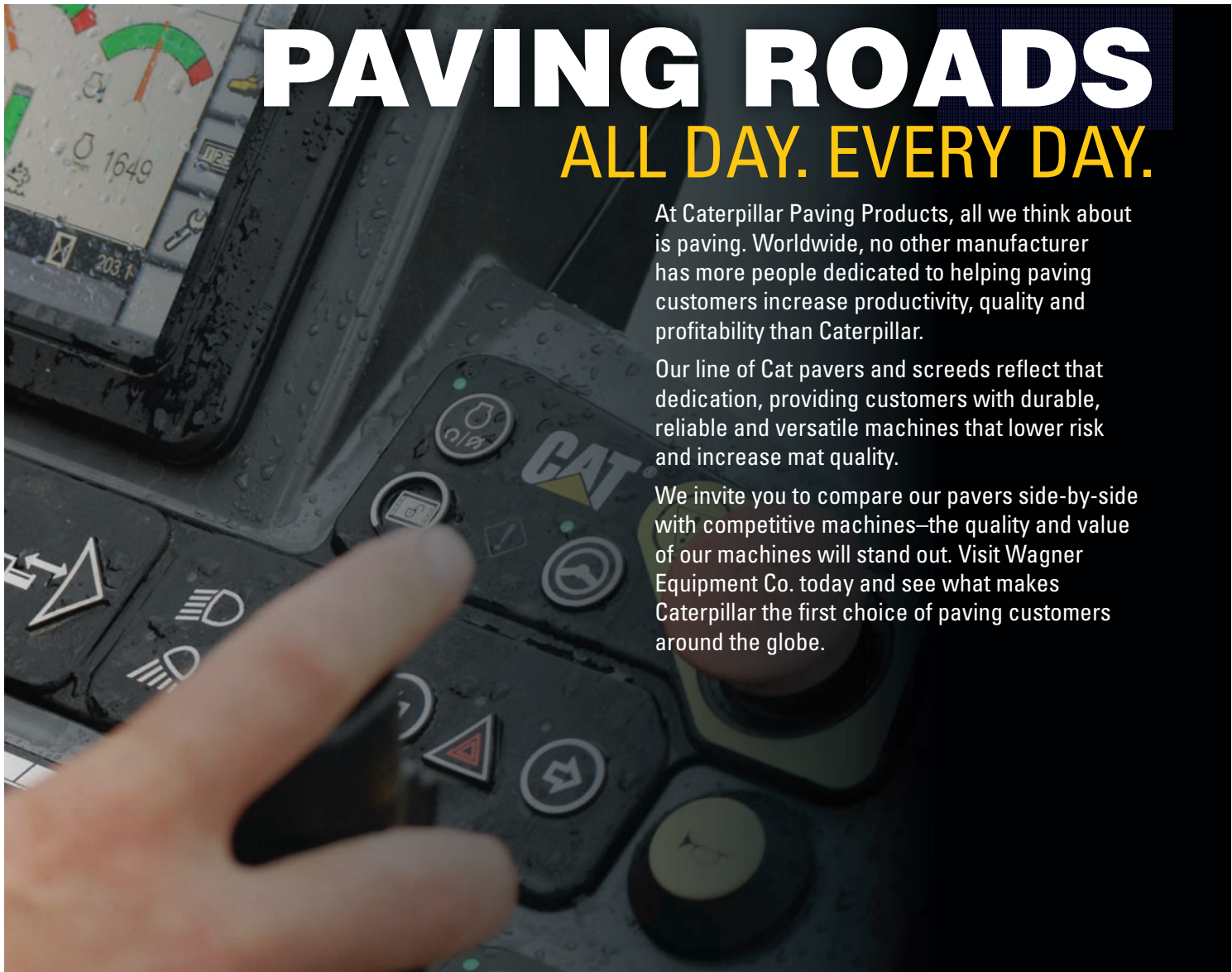
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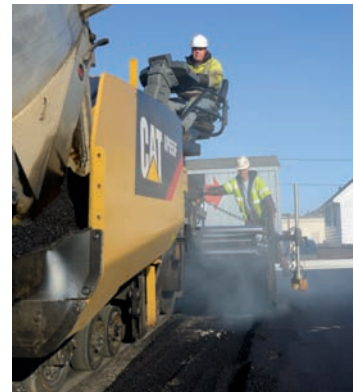
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2015 "Best in Colorado" Asphalt Pavement Awards

CATEGORY - Rural Highway New or Reconstruction

BORAL Construction Materials of Colorado and local paving contractor Martin Marietta have been recognized with a "Best in Colorado" Quality Award in the Rural Highway New or Reconstruction Category for their State Highway 52 project east of Fort Lupton.

This \$1.1M project included construction of acceleration and deceleration lanes along SH52 into the future Holton Sand & Gravel pit just east Ft. Lupton. Earthwork and subsurface utilities were completed prior to construction of 8-inches of new asphalt widening and 2-inches mill & overlay on the existing roadway. Value Engineering solutions during the project included fly ash stabilization of saturated soils, which was a major contributor to the success of the project.

Accepting the award (Left to Right): Steve Walsh (Estimator/MM), Augie Alvaro (Paving Foreman/MM), Tim Harris (Project Manager /MM), Jessie Gomez (Paving Foreman/MM).

State Highway 52, Boral Site Materials



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2015 "Best in Colorado" Asphalt Pavement Awards

CATEGORY - Rural Highway Resurfacing

The Colorado Department of Transportation Region 5 and local paving contractor Four Corners Materials have been recognized with a "Best in Colorado" Quality Award in the Rural Highway Resurfacing Category for their project along US160, from Bayfield to Yellow Jacket.

This \$5.2M project consisted of 1-inch of ST leveling coarse plus a 1.5-inch SX overlay for approximately 15 miles along US 160, to the bottom of Yellow Jacket Pass. 55,000 tons of material was placed over 89 working days.

The Four Corners crews challenged themselves to complete to 30+ lanes miles of overlay without a single must grind. Their approach to delivering a quality project resulted in delivering a final project without a single top lift must grind.

The Award Judges noted the longitudinal joints were almost unnoticeable and rated overall appearance, joints and ride quality as very high.

Accepting the award (Left to Right): Julian Garcia (Quality Control/FCM), Jessica Ebel (Engineer/CDOT), Jeff Bran (Superintendent/FCM).

U.S. Highway 160, Bayfield to Yellow Jacket



CATEGORY - Preventive Maintenance, Thin Overlay

The Colorado Department of Transportation Region 5 and local paving contractor Four Corners Materials have been recognized with a "Best in Colorado" Quality Award in the Preventive Maintenance Thin Overlay Category for their project along State Highway 184, near Cortez.

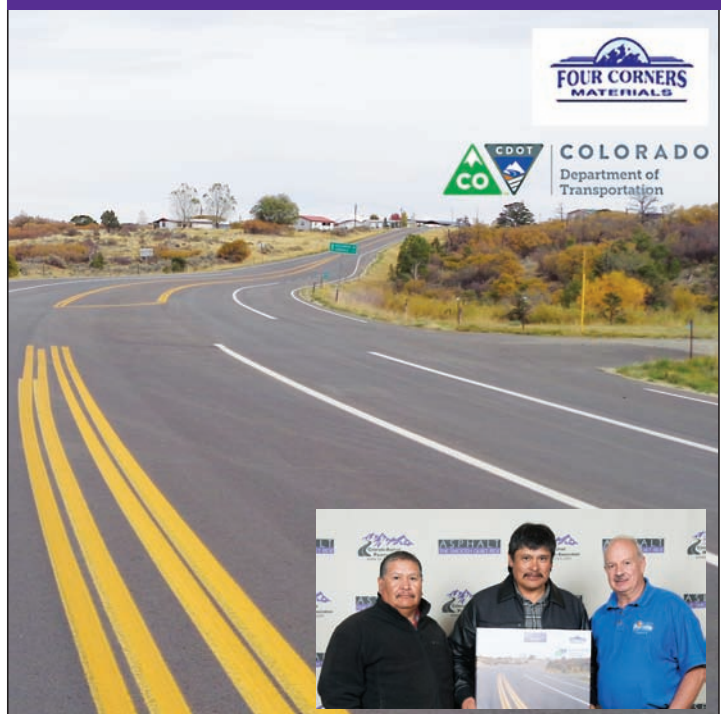
This \$1.3M project included placing approximately 5 miles of a 1.5-inch overlay along SH 184 outside of Cortez. 12,000 tons of material was placed over 20 working days. Despite the 80+ mile haul, the project was completed with a high degree of materials quality and all materials testing achieved pay factors that exceed 1.0.

The existing roadway was in poor condition and the Four Corners crews were concerned about final smoothness. However, strict adherence to established best practices allowed for delivery of a final project with zero must grinds.

The Award Judges awarded a perfect 10 score for the longitudinal joints and noted the transverse joints were barely noticeable with overall appearance as very high.

Accepting the award (Left to Right): Emmet Bighumb (Lead Operator/FCM), Ernest Poyer (Foreman/FCM), Pat Murphy (Project Engineer/CDOT).

State Highway 184, Overlook



2015 “Best in Colorado” Asphalt Pavement Awards

CATEGORY - Special Use/Commercial Pavement

The Glen Eyrie Event Center and local paving contractor Schmidt Construction Company have been recognized with a “Best in Colorado” Quality Award in the Special Use/Commercial Category for their Reconstruction and Overlay project at the Glen Eyrie Event Center in Colorado Springs.

This \$235,000 project included an asphalt overlay as well as design build for a new parking lot. Eight inches of full depth reclamation was performed by ARS along the main entrance road into the conference facility then overlaid with 2,200 tons of Sx material.

The judge’s comments were very brief but profound “An extremely well done project.”

Accepting the award (Left to Right): Andrew Olson (Estimator/Schmidt), Derek Strickler (Ops. Mgr./Glen Eyrie), Steve Mullis (Foreman/Schmidt), Bob Olson (Foreman/Schmidt), Nicolas Olguin (Foreman/Schmidt), Joe Maher (Ops. Mgr./Schmidt), Robert Romo (Foreman/Schmidt), Leonard Miller (Head Estimator/Schmidt), Austin Maher (Project Manager/Schmidt).

Glen Eyrie Conference Center, co-winner



CATEGORY - Special Use/Commercial Pavement

The Miller Coors Brewery in Golden, Colorado and local paving contractor Martin Marietta Metro Division have been recognized with a “Best in Colorado” Quality Award in the Special Use/Commercial Category for their 2015 Rehabilitation Project.

This \$1.5 M project included rehabilitating or rebuilding eight 40-year-old parking lots and truck aprons along with a 1.5-mile service drive all without inhibiting daily access or interruption of daily brewery operations. The project included placement of over 11,000 tons of asphalt most of which was near the brew house, including hundreds of commercial vehicular movements.

The entire project was completed in 37 working days, two months ahead of schedule and \$75,000 under budget with zero incidents.

Accepting the award (Left to Right): Matt Miklovic (Project Manager/MM), Victor Vega (Dirt Foreman/MM), Armando Hernandez (Paving Foreman/MM), Chris Walstra (Estimator/MM)

Miller Coors 2015 Rehabilitation, co-winner



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2015 “Best in Colorado” Asphalt Pavement Awards

CATEGORY - Small Contractor Paving

The City of Lone Tree and local paving contractor PLM Asphalt & Concrete have been recognized with a “Best in Colorado” Quality Award in the Small Contractor Paving Category for their City of Lone Tree 2015 Street Overlay Program.

This \$860,000 project consisted of a 2-inch mill and overlay program for select portions of the street network including residential subdivisions and commercial arterial roads in the Park Meadows Shopping District, which was done at night. The \$860,000 project was completed in twelve days, due in part to the partnership with S & S Striping and Signage. The judges noted nice longitudinal joints and ride quality.

Accepting the award were (L to R): Hector Cordova (Paver/PLM), Oscar Saltero (Paving Foreman/PLM), Mike Fairbairn (Project Manager/PLM), John Cotton (Public Works Director/Lone Tree), Taylor Goertz (Engineer/Lone Tree), Steve Hebert (Deputy City Manager/Lone Tree), Brian Aciff (Vice President/PLM).

City of Lone Tree, Overlay Program



CATEGORY - Project Delivery

The Colorado Department of Transportation Region 3 and local paving contractor United Companies have been recognized with a “Best in Colorado” Quality Award in the Project Delivery Category for their project along State Highway 133 near Redstone.

The Project Delivery Award recognizes the Best of the Best in constructing a project with minimal traffic delays, minimal construction congestion, and where the owner/agency and surrounding businesses and homeowners were extremely pleased with the construction of the project.

This \$4.9M 17-mile heater remix and chip seal project was performed along SH 133 between Carbondale and Redstone. Major stakeholders impacted by the project all provided supporting letters praising the success, delivery and reduced impacts to the public. Letters of project support were provided by State Representative Bob Rankin, representatives of the US Forest Service, Colorado Parks & Wildlife, private HOA communities, Shaw Construction, private residents and the local newspaper.

Accepting the award (L to R): Jeremy Lucero (Engineer/CDOT), Rebecca Askew (PIO/Circuit Media), Louis Deleon (Chipper Operator), Fernando Gonzales (Chip Seal Foreman), Mark Painter (Project Mgr.), John Schmidt (Project Mgr.), Henry Ochoa (Quality Assurance)

State Highway 133, Redstone North and South



2015 "Best in Colorado" Asphalt Pavement Awards

CATEGORY - Airport

The Yampa Valley Regional Airport and local paving contractor United Companies of Grand Junction have been recognized with a "Best in Colorado" Quality Award in the Airport Category for their project at the Yampa Valley Regional Airport in Hayden.

This \$15.2 Million project consisted of runway widening, apron and taxiway rehabilitation, and improvements to the high speed VSR and perimeter road around the airport. 53,000 tons of asphalt materials were placed. Work began in August 2014 and was completed one year later in August 2015, which including night paving along the apron and taxiway.

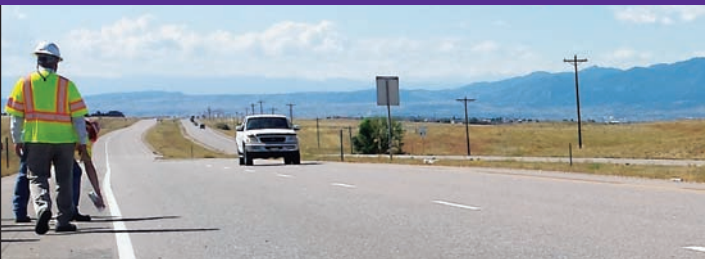
All quality assurance test results met FAA specifications and 100% payment. The construction of this project went well in part to the pre-planning and organization prepared by Jviation. The judges noted an excellent appearance and an overall quality award winning project.

Accepting the award (L to R): Scott Storie (Planner/CDOT Aeronautics), Kevin Booth (Director/Yampa Valley Regional Airport), Jeremy Lee (Project Manager/Jviation), Mike Terantozzi (Project Manager/United Co.), Jessi Sims (Quality Control/United Co.), Rual Fonseca (Paving Foreman/United Co.), Jeff Gross (Grade Supervisor/United Co.).

Yampa Valley Regional Airport



Special Recognition: 10 Year Warranty Project



CDOT Region 2 and local paving contractor Rocky Mountain Materials & Asphalt (dba Martin Marietta) have been recognized with a "Best in Colorado" Special Recognition Quality Award for the US 24 10 Year Warranty Project.

In the fall of 2004, Colorado's asphalt industry entered into a groundbreaking partnership with the Colorado Department of Transportation, when a major corridor project in El Paso County included a ten-year warranty for the asphalt pavement, the first time CDOT had included a long-term warranty provision.

Rocky Mountain Materials & Asphalt of Colorado Springs (dba Martin Marietta) was the low bidder on the \$5.2 million project, which added 5.3 miles of two new lanes along US 24, east of Colorado Springs. This project was constructed placing about 72,000 tons of asphalt which was placed in three lifts. The asphalt mixtures were placed over a class 6 aggregate base course. The bottom lift was a grading "G" mix with a PG 64-28 binder, the intermediate lift was a grading "S" with a PG 64- 22 and the wearing course was a 4-inch lift of grading "SX" with a PG 64-22 binder.

When the asphalt was being placed Rocky Mountain Materials and Asphalt (dba Martin Marietta) utilized echelon paving practices to reduce or eliminate the cold longitudinal joint. They supplied materials to the project from two plants to increase the daily production and to eliminate some of the night (cold



joints). One of the projects goals was to eliminate or reduced cracking, both longitudinal and transverse. Some of the other project goals were rutting, raveling and segregation which were accomplished. This project was built using the profilograph specification and had a ride number of less than 3 inches per mile.

Rocky Mountain (dba Martin Marietta) strived for a high quality long lasting project achieving a very high Quality level for this project at the time of construction

A maximum liability of \$750,000 was established for the long-term warranty project to cover the contractor's cost to perform warranty work, potential lane rental fees, and the cost of a warranty bond from the surety company. In September 2015 representatives from CAPA, Rocky Mountain Materials (dba Martin Marietta), CDOT Materials Branch and CDOT Region 2 visited the site to perform the final warranty inspection and project closeout.

In closing, the inspection team felt that the project was very successful with no major problems or issues. CDOT previously stated that the greatest benefit of using long-term warranties may be realized on projects that require innovative design and construction solutions and/or outstanding workmanship to provide good long-term performance. Accepting the award (Left to Right): Jason Dody and Rob Mangone (Rocky Mountain Materials & Asphalt dba Martin Marietta), Mark Andrews (CDOT Region 2).

2015 "Best in Colorado" Asphalt Pavement Awards

ASPHALT
THE SMOOTH QUIET RIDE

CATEGORY - Smoothest Pavement

Four Corners Materials of Bayfield has been recognized with two Colorado Department of Transportation state wide Smoothest Pavement Awards for 2015 for Category 1 (Urban Reconstruction projects) and Category 2 (New Construction projects). The "Best in Colorado" Smoothest Asphalt Pavement Awards recognize the smoothest paving project in each of CDOT's three roadway smoothness specification categories. The Awards are based on CDOT's measured roadway smoothness profile using HRI specification requirements and all paving projects are considered for the award.

The Category 1 winning project is located on US Highway 160 in Archuleta and La Plata Counties, from Bayfield extending east 14.3 miles to Yellow Jacket. The work consisted primarily of 20,105 tons of a 1-inch ST leveling course followed by 34,295 tons of a 1.5-inch SX top mat surface. Other work included guardrail, shouldering, signing, pavement marking, deep patch repairs. There were 25 projects evaluated for this award.

Accepting the Category 1 award (L to R): Lloyd James Jr. (Equipment Operator/FCM), Mike Lewis (Deputy Director/CDOT), Jessica Ebel (Engineer/CDOT), (Jeff Bran (Superintendent/FCM).

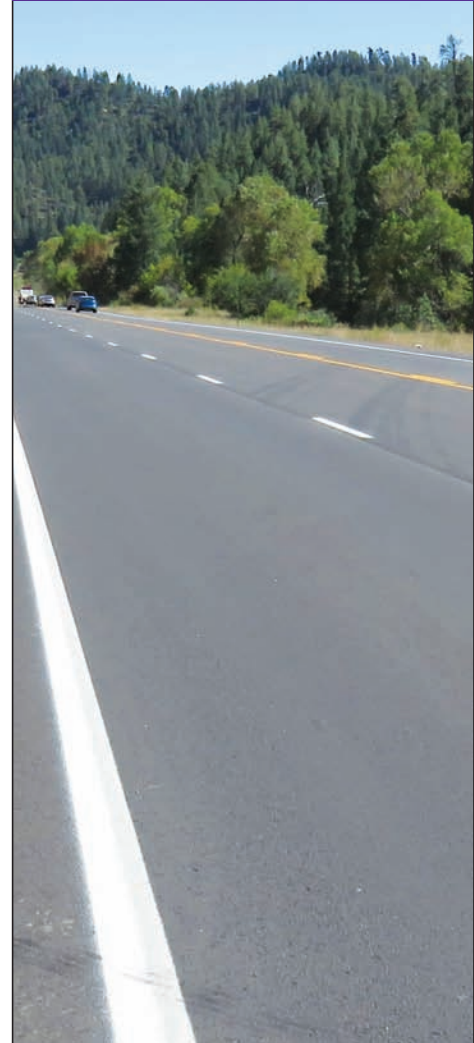
The Category 2 winning project is located along US160 in southwestern Colorado from Mancos Hill to Hesperus in La Plata and Montezuma Counties. This project consisted primarily of 21,892 tons of a 1-inch HMA ST leveling course with 26,514 tons of a 1.5-inch HMA SX top mat overlay. Other work included 2 miles of crown correction, deep patch, guardrail, ditch cleaning, and pavement markings. There were 15 projects evaluated for this award.

Accepting the Category 2 award (L to R): Julian Garcia (Quality Control/FCM), Leandro Yazzie (Operator/FCM), Mike Lewis (Deputy Director/CDOT), Pat Murphy (Lab Supervisor/CDOT), Jessica Ebel (Engineer/CDOT), Tremayne James (Operator/FCM), Wes Benallie (Quality Control/FCM)

Category I U.S. Highway 160 Hesperus to Mancos



Category II U.S. Highway 160 Bayfield to Yellow Jacket



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2015 "Best in Colorado" Asphalt Pavement Awards

CATEGORY - Smoothest Pavement

ASPHALT
THE SMOOTH QUIET RIDE

Kiewit Infrastructure of Centennial has been recognized with a 2015 Colorado Department of Transportation state wide Smoothest Pavement Award for Category 3 Projects (one layer paving without intermediate treatment).

The Category 3 winning project is located along State Highway 86 in Elbert County and consisted of a 1.5-inch overlay for approximately 10 miles of a 4-lane highway. The project had an average HRI of 57.8 for the 41.10 lane-miles of paving. It received 95.9% of the incentive - \$177,252 of an available \$184,739.

Accepting the Category 3 award (Left to Right): Karl Larson (Engineer/CDOT), Travis Miller (Engineer/CDOT), Mike Lewis (Deputy Director/CDOT), Tim Mulvihill (Superintendent/Kiewit), Dan Leone (Project Manager/Kiewit).

Category III - State Highway 86, MP 38.1 to 50.5



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2015 "Best in Colorado" Asphalt Pavement Awards

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

United Companies, Grand Junction

United Companies of Grand Junction won the 2015 CDOT Quality in Asphalt Production Award for producers of between 50,000 and 100,000 tons. United Companies, who had won this award in 2011 and had been runner up in 2012 were recognized for testing 60,000 tons of asphalt materials. David Fife, Quality Control Manager of United Companies accepted the award on behalf of United Companies.

The runner up in this category, who were recognized with an honorable mention was Elam Construction Inc. of Grand Junction. Their recognition was based on the testing of 80,000 tons of asphalt materials.



CATEGORY - Quality in Asphalt Production over 100K tons

McAtee Paving/Simon Contractors, Sterling

McAtee Paving Co/Simon Contractors won the 2015 CDOT Quality in Asphalt Production Award for producers of over 100,000 tons of asphalt materials. Testing approximately 140,000 tons of asphalt materials. Plant Superintendent for Simon's Portable #1 Jim Chamberlin, Plant Superintendent for the McAtee Stationary Plant Jim Wheelock, and Construction Manager for McAtee Paving Darren Gebhart accepted the award for McAtee and Simon Contractors who had both previously won the award in 2013.

The runner up, was APC Southern Construction of Golden Colorado. APC were recognized for testing 110,000 tons of asphalt materials.



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COLORADO ASPHALT HALL OF FAME AWARD

Clyde 'Geno' Chavez, Schmidt Construction

Clyde Eugene Chavez or better known as Geno was born in Pueblo Colorado, as one of 4 children. He later moved to Colorado Springs and started his career with Schmidt Construction in April of 1977 as a patching foreman. In 1981 he progressed to mainline paving, working on parking lots and other small jobs. Shortly after leading small paving operations his team became Schmidt's primary paving crew, focusing on Airport, CDOT, and Core of Engineering jobs. During his career Geno received numerous CAPA and NAPA Awards setting him and his crew apart. It has been said that his key strength was his leadership skills and his ability to develop people into leaders. He believed in giving everyone a chance, giving his guys credit and as a result gave growth to a team of leaders. Geno retired in April of 2013, with 36 years hard work and stories to leave behind.

In his retirement Geno takes time to enjoy his lovely wife of 45 years Paula, and their family. He is the proud father of 2 daughters and 3 grandchildren. In his retirement he fills time with fishing and rebuilding classic cars and spending quality time with his grandchildren. If you talk to Geno about his family he will be the first to tell you that his grandchildren are his partners in crime, taking the boys Angelo and Evan, on hunting and fishing trips, and the apple of his eye, Mariah, making him proud by out fishing the boys and going on every adventure by Geno's side.

In looking back on his time with the Company, Geno can say that time moves fast, he never thought he would be already 3 years retired, but is happy to be enjoying his time with his family doing what he loves.



Geno Chavez pictured with his wife Paula (on his left) along with their Children and Grand Children.



Geno celebrating with some of his former co-workers from Schmidt Construction, Colorado Springs

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22nd Annual "Best in Colorado" Asphalt Awards Dinner & Program

CAPA AWARDS DINNER

Crowne Plaza Hotel - Denver. February 24th 2016



The newest member of the Colorado Asphalt Hall of Fame, Geno Chavez (center), with Scott Davis (left) and Joe Maher (right) of Schmidt Construction.



Mike Lewis CDOT Deputy Executive Director and Ted Plank, President, Colorado Association of Road Supervisors and Engineers, Road Maintenance Division Manager, Boulder County Transportation Dept.



Scene from the 43rd annual Rocky Mountain Asphalt Conference and Equipment Show.



CAPA President Kyle Alpha of United Companies (right) congratulating first Past President Gregg Rippey of Grand River Construction

Mike Lewis CDOT Deputy Executive Director welcoming people to the 22nd annual "Best in Colorado" Asphalt Pavement Awards Dinner.



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