



March 4, 2011

Re: **18th Annual "Best in Colorado" Asphalt Pavement Awards Program**

Dear Agency Official/Asphalt Contractor,

It is that time of year!! The Colorado Asphalt Pavement Association (CAPA) is accepting nominations for outstanding asphalt paving jobs placed this year. CAPA recognizes high quality asphalt pavement construction and performance in Colorado each year through its Annual Asphalt Pavement Awards Program. The Asphalt Pavement Awards Program recognizes the "Best in Colorado" and those contractors and agencies/owners that have produced high quality projects which will provide many years of quality service. Enclosed is a nomination form that can be used to nominate a project that has been constructed in a superior manner.

A panel of judges from organizations such as APWA, CARSE, ACEC, CDOT, FHWA will review and rate all nominated projects. Winners of the various categories of pavement awards will be recognized at the Awards Dinner & Program during the 38th Annual Rocky Mountain Asphalt Conference and Equipment Show. The Awards Dinner and Program is scheduled for Wednesday, February 22, 2012. In addition, winners will be recognized throughout the all of 2012.

For the 2011 paving season a new category will be added; **NEW TECHNOLOGY/ INNOVATIVE TECHNOLOGIES**. This category is for projects who have utilized New Technologies or Innovative technologies in the construction of the Asphalt pavements. New or innovative technologies are those which are not regularly used in asphalt pavements such as but not limited to RAP, RAS, WMA, unless they are used in an innovative way.

Because the Awards Program is designed to recognize both contractors and owner/agencies, I encourage you to participate and nominate those who have achieved excellence in the construction of asphalt pavements. **The nomination deadline is Friday, October 21, 2011.** Projects completed after this date will be considered for the next year's award program.

Sincerely,

A handwritten signature in black ink that reads "Tom Peterson". The signature is written in a cursive style and is positioned below the word "Sincerely,".

Tom Peterson
Executive Director

Enclosure: 18th Annual Asphalt Pavement Awards Nomination & Criteria Form



**18th ANNUAL
ASPHALT PAVEMENT AWARD
2011 AWARD CRITERIA**

The Colorado Asphalt Pavement Association (CAPA) recognizes high quality asphalt pavement construction and performance in Colorado each year. The contractor and owner/agency are recognized in each of the award categories. The awards will be presented during the 38th Annual Rocky Mountain Asphalt Conference and Equipment Show at the Awards Dinner and Program on Wednesday, February 22, 2011 at the Crowne Plaza Denver Int'l Airport, I-70 & Chambers.

Award Categories

A panel of judges from organizations such as APWA, CARSE, ACEC, CDOT, FHWA will review and rate all nominated projects. The award categories are:

Best Overall Quality:

**City Street
New or Reconstruction
Resurfacing**

**Urban Highway
New or Reconstruction
Resurfacing**

**Rural Highway
New or Reconstruction
Resurfacing**

**Airport
Commercial
Residential Subdivision**

**SMOOTHEST PAVEMENT
New or Reconstruction**

**PREVENTIVE MAINTENANCE
Thin Overlay (1.5 inches or less)**

**SMOOTHEST PAVEMENT
Resurfacing**

**PREVENTIVE MAINTENANCE
Surface Seal Treatment**

PROJECT DELIVERY

SPECIAL USE PAVEMENT

**NEW TECHNOLOGY/ INNOVATIVE
TECHNOLOGIES**

PLEASE LIMIT NOMINATIONS TO – TWO PER COMPANY PER AWARD CATEGORY

Eligibility

The Asphalt Pavement Awards Program is open to all HMA users, producers and contractors. Membership in CAPA is not a consideration. Projects nominated for awards can be submitted by the owner/agency and/or the contractor. Only one nomination form should be submitted for a project per category. Note: It is required that both the agency/owner and contractor sign off on the nomination before submittal. The panel of judges will review each project and determine the winners in each category based on established criteria.

Entry Requirements and Deadline

The nomination form and supporting documentation must be ***completed and postmarked no later than Friday, October 21, 2011.*** (Applications for Western Slope and high elevation sites should be submitted as soon as possible.) Copies of this nomination form can be made for multiple submittals.

Please check to ensure the following information is attached and complete.

1. Complete the three (3) page nomination form.
2. Project location map.
3. Digital Photographs.
 - a. .jpeg format on CD
 - b. Must be three (3) megabytes or greater
4. No camera phone photos will be accepted
5. Supporting Documentation (as applicable)

Smoothest Asphalt Pavement award nominations must be submitted with profile summary test data. ***Do not submit profile raw data sheets.***

To Enter

Mail or Deliver your completed Nomination Form with supporting documentation to:

Colorado Asphalt Pavement Association
6880 S. Yosemite Ct., Suite 110
Centennial, Colorado 80112
303-741-6150 office

Evaluation Criteria

A. Best Overall Quality

This category of projects will be evaluated in accordance with the following criteria.

Overall Appearance

Nominations are viewed from the perspective of the end user. Must grinds, roller marks and other surface blemishes will be taken into consideration for this criteria.

Segregation

Nominations showing segregated areas due to paving operations, raking or broadcasting mix, etc. will be taken into consideration for these criteria.

Longitudinal Joint

Longitudinal Joints will be evaluated as to how straight they are on tangents and how even and smooth their line is on curves. They will also be evaluated on how tight they appear and how even and smooth they are across the joint and how noticeable they appear.

Transverse Joints

Transverse joints will be evaluated as to how tight they appear and how even and smooth they are across the joint and how noticeable they appear.

Ride Quality

Ride Quality will be evaluated as to the smoothness of the ridge. Bumps and wheel chatter will be taken into account. Must-grind areas will also be noted.

Summary Test Data

Summary test data, upon request from the judges, will be reviewed and used as a tie breaker.

The above criteria will receive a rating on a scale from 0 to 10 with ten being the highest quality. Each of the criteria ratings by the judges will be weighted in accordance with the following Weight Factors. The weight given each criterion is based on the significance of what the traveling public as well as which criteria has a significant effect on the serviceability of the pavement.

<u>Criteria</u>	<u>Weight Factor</u>
Overall Appearance	8
Segregation	7
Longitudinal Joints	6
Transverse Joints	4
Ride Quality	8
Summary Test Data	Tie Breaker

The winner in the each category of "**Best Overall Quality**" will be the highest weighted average score of the judges.

B. Smoothest Asphalt Pavement

Projects in these categories will be judged based on the results of the profile tests. Summary profile data has to be submitted in order to be considered. Units of measurement should be inches/mile for profilograph data and HRI for high speed profiler data.

Smoothest Asphalt Pavement – New or Reconstruction awards will be evaluated according to the number of paving passes. The following table illustrates this concept:

**Average smoothness is calculated for entire project.

Paver Passes*	Avg. Final Smoothness, in/mi** (A)	Paver Correction Factor (B)	Corrected Avg. Final Smoothness, in/mi (A) x (B)
1	5	1	5
2	5	2	10
3	5	4	20
4	5	8	40

An example of the calculations to determine the Smoothest Asphalt Pavement – Resurfacing is shown in the following table:

*This is the smoothness before the first paver pass, i.e. the original surface.

Smoothness Before Paving*, in/mi (A)	No. Paver Passes	Avg. Final Smoothness, in/mi (B)	Paver Passes Correction Factor (C)	Corrected Avg. Final Smoothness, in/mi (D)=(B) x (C)	Corrected Improvement, % (E)=(A)-(D) x 100 (A)
40	1	20	1	20	50
40	2	10	2	20	50
40	3	5	4	20	50

A paver pass is considered any corrective action to the surface with a laydown or milling machine, e.g. heater planner, cold in-place recycling, hot mix laydown or diamond grinding. Ex: 2 inches of heater planing followed by two 1½ inch lifts of HMA is 3 corrective passes.

C. Project Delivery

This award category will recognize projects that were constructed with minimal traffic delay, minimal construction congestion, and where the owner/agency and surrounding businesses/homeowners were extremely pleased with the delivery of the project. For a project to be considered in this category, documentation such as newspaper articles, letters from affect businesses and people, and time documentation should be submitted.

D. Preventive Maintenance, Thin Overlay (1.5 inches or less in thickness)

This award will recognize projects that are thin lift HMA or WMA. Projects will be graded by visual appearance, engineering characteristics and workmanship.

E. Preventive Maintenance, Surface Seal Treatment

This award will recognize projects that are considered non-structural in nature, i.e. chip seals, slurry seals, cape seals, micro-surfacing, nova chip, etc. - Projects will be graded by visual appearance, engineering characteristics and workmanship.

F. Special Use Pavement

This award will recognize the best of the best in the area of versatile or unique applications for special uses of Hot Mix Asphalt. Examples include:

1. Railroads – HMA ballast underlayment, full-depth hot mix asphalt
2. Drainage Facilities – ditches and gutters, curbs, berms, slope protection, Farm – barn yards, feed lots, stable floors, silage storage
3. Hydraulics – reservoir and pond linings, dam faces, canal linings, leachate facilities
4. Industrial/Commercial – dock surface, building floors, material storage areas
5. Motor Sports – race tracks
6. Recreation – boat ramps, athletic fields, bikeways, golf cart trails, tennis courts, skate board and roller blade facilities, recreations trails and walkways, running tracks

G. NEW TECHNOLOGY/ INNOVATIVE TECHNOLOGIES

This category is for projects who have utilized New Technologies or Innovative technologies in the construction of the Asphalt Pavements. New or innovative technologies are those which are not regularly used in asphalt pavements such as but not limited to RAP, RAS, WMA, unless they are used in an innovative way.

Projects will be evaluated by the judging team during the months of November, December and January. Each project nomination will be notified of the outcome of judging approximately February 1, 2012.

SUBMITTAL DEADLINE: FRIDAY, October 21, 2011



**18th ANNUAL
ASPHALT PAVEMENT AWARD
2011 NOMINATION FORM**

1. AWARD CATEGORY

Consider this project for the following award category, *check the appropriate box(s)*. Projects can be submitted for more than one category, including Best Overall Quality Category as well as the Smoothest Pavement Award. *Project summary test data must be submitted for all projects except Commercial, Project Delivery, Preventive Maintenance, and Golden Oldies. Entries submitted for the Smoothness Award must include profile summary data from the project to be considered.*

BEST OVERALL QUALITY

City Street

- New or Reconstruction
 Resurfacing

Urban Highway

- New or Reconstruction
 Resurfacing

Rural Highway

- New or Reconstruction
 Resurfacing

- AIRPORT
 COMMERCIAL
 RESIDENTIAL SUBDIVISIONS
 SMOOTHEST PAVEMENT - New or Reconstruction
 SMOOTHEST PAVEMENT – Resurfacing
 NEW TECHNOLOGIES/ INNOVATIVE TECHNOLOGIES
 PREVENTIVE MAINTENANCE – (Thin Overlay 1.5 inches or less)
 PREVENTIVE MAINTENANCE - Surface Treatment
 PROJECT DELIVERY
 SPECIAL USE PAVEMENT

Name of Agency/Company submitting nomination _____

Person Making Nomination _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____ Cell _____ Email _____

OWNER/AGENCY or CONTRACTOR CONCURRENCE OF NOMINATION

Name _____ Title _____

Organization _____

Signature of Concurrence _____

2. PROJECT DESCRIPTION and LOCATION

Project Name/Contract Title

Location (street, highway, projects limits, mile post, etc.; include map showing location)

Description of Project

Night Paving, check if predominately night paving _____

Project Time

Contract Time

Beginning

Ending

QC Performed by:

Company QC lab

Contracted QC lab (Insert name of Lab)

Owner / Agency Name

Contact Name

_____ **Title** _____

Phone _____ **Fax** _____ **E-mail** _____

Company

Address _____

City _____ **State** _____ **Zip** _____

If this nomination receives an award who will be accepting the award

Name _____ **Title** _____

Name _____ **Title** _____

4. PAVING CONTRACTOR INFORMATION

Contractor Name _____

Contact Name _____ **Title** _____

Phone _____ **Fax** _____ **E-mail** _____

Company

Address _____

City _____ **State** _____ **Zip** _____

If this nomination receives an award who will be accepting the award

Name _____ **Title** _____

Name _____ **Title** _____

Significant contributors:

This subcontractor made significant contributions to the overall success of the nominated project. (IE Rubbilization, FDR, Milling, Stripping, ETC)

Please describe the contribution made by the subcontractor. (This area may be left blank if no subcontractor needs to be recognized for their contributions to the project).

5. PROJECT INFORMATION

A. HMA Mixture

No. of lifts

Grading _____ Binder grade _____ N_{design} _____ % Binder _____

Grading _____ Binder grade _____ N_{design} _____ % Binder _____

Grading _____ Binder grade _____ N_{design} _____ % Binder _____

% RAP _____ Tons of RAP Used _____

B. Milling or Remixing prior to paving: No Yes Type/Depth _____

C. Tons of HMA

Total Tonnage _____ Top Lift _____

Second Lift _____

Third Lift _____

Fourth Lift _____

D. Materials Quality Level

Briefly describe materials quality level, e.g. QLA, I/D levels, etc. as it relates to materials properties.

E. Pavement Construction Practices and Other Considerations

Briefly describe below any unique construction features of the project. Include any paving innovations, techniques, or practices that added to the quality or community response to the project. Additional information can be attached. This information must be completed for the Project Delivery Award.

Night Paving: Yes No (please check)

6. PHOTOGRAPHS

Digital Photographs should be in jpeg format on a CD and be three (3) megabytes or greater.

No Camera Phones Photos will be accepted.

Photo No.

Description
