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Convention 2010 Tops Them All!



Nancy Richardson addressing the members concerning the 2011 construction season.

The 2010 APAI Annual Convention celebrated the 55th Anniversary of the Asphalt Paving Association of Iowa's inception, and turned out to be the biggest and best of them all! Over 320 attendees

Highlights of the convention included: wonderful decorations, including the use of three classic '55 cars from Dennis Albaugh's personal collection, welcoming 19 new members to the association, interesting and insightful reports from Dr. Joe McGuire of Oldcastle Midwest, Dave Newcomb of NAPA, Scott Schram of the IDOT, Dr. Chris Williams of ISU, and a farewell address by Nancy Richardson, Outgoing Director of the IDOT. The Smoothness Awards luncheon was a packed house to watch contractors and agency representatives receive their rewards from John Adam and Nancy Richardson for the "best of the best" in Iowa asphalt projects in 2010. The rapt crowd watched the three new Iowa Asphalt Hall

learned, laughed and networked for two great December days at the West Des Moines Marriott. The theme of "APAI- 55 and Beyond" was prophetic in the salute to the past and the strong resonance of the current membership in moving the APAI and the asphalt industry forward.

Over 320 attendees learned, laughed and networked

of Fame nominees get inducted; Roy Rohlin, Gaylord Beauchamp and Bob Horner were recognized for their tremendous contributions and service to the asphalt industry in Iowa.

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John Adam, IDOT Highway Division Director, announcing 2010 Smoothness Award Winners.

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Tales from the Road



My little boy Henry is three years old. He believes everything that people tell him. What is truly amazing is the crap that people tell him. My friend Joe told him about a little monkey that lives inside his camera. His Grandfather told him if he swallows a watermelon seed, a watermelon plant will grow out of his ears. His Auntie told him if he swallows his gum, it will stay in his stomach forever. These tales stay with us for a long time and sometimes people never learn the truth. Recently, my sister was shocked when I told her that the family dog had not actually gone to live on a farm in his old age. These types of myths are not harmful as long as they are exposed by human experience, but there is a myth in this state that needs examined: Concrete roads are better than asphalt roads.

For years, a major university in this state taught its students that Portland cement concrete (PCC) roads are inherently better than asphalt roads. These students went on to become IDOT officials, county engineers, and consulting engineers. As we grow older, we examine what people tell us with a critical eye, we challenge statements against our personal experiences. Many of those trained at this fine state university have done that. They have examined how both pavements perform and re-examined the doctrine they were taught and altered their beliefs based on the results of these observations. These men and women who have lived through the life-cycle of a PCC pavement realize that: 1) PCC pavements do not last 40-50 years without maintenance; and 2) when those PCC pavements need rehabilitation at 20-25 years, the rehabilitation is costly, time consuming and generally requires an asphalt overlay. Why not start with a Perpetual Asphalt pavement to begin with?

It is startling when you leave this state, and more importantly the Midwest, just how few PCC roadways exist in the rest of the United States. In the east, south, and west of this country, and throughout the world,

(Continued Page 2)

IOWA ASPHALT REPORT

(Tales from the Road - Continued from Page 2)

you can scarcely find a concrete road; yet in Iowa, nearly all new construction begins with concrete. Another myth that needs to be dispelled is the theory that concrete "makes a good base" for our asphalt overlays, in reality this is not true. PCC roadways are rigid and crack on sawcut intervals. These cracks reflect through the asphalt overlays in a short period of time allowing greater water infiltration into the already failing PCC base and a shorter life cycle for the asphalt overlay. What if we just started with a full-depth, Perpetual Asphalt pavement to begin with? A quick mill and fill or simple overlay and the road is rehabbed and ready for another 15-20 years before another rehabilitation.

The latest story coming out of the national PCA is that the life-cycle of PCC roadways produces roughly the same amounts of CO₂, or less, as the life-cycle of asphalt roadways. To achieve this theory, they have funded a \$10 Million study at the Massachusetts Institute of Technology Concrete Sustainability Hub that has proposed: 1) Cars get greater fuel mileage on PCC pavements because asphalt is a flexible pavement and therefore you are always driving uphill (really?); and 2) Based on the proper initial design and maintenance, PCC pavements will have a better IRI (International Roughness Index) over the lifetime of the pavement therefore providing travelers with better fuel mileage and less CO₂ emissions. While it is true that the smoother the road, the greater the fuel savings, (an NCAT study found nearly a 4% savings), PCC roads are traditionally not smoother than asphalt pavements. In Iowa, for example, PCC roads are required to reach <22"/mile on the zero blanking band profilometer to get maximum incentive while asphalt roads are required to reach <10"/mile to receive their maximum incentive. That is a 220% difference in smoothness requirements. As ranked by the EPA, the production of Portland cement ranks right behind coal production as the worst producers of CO₂ in the United States. The reality is this: 1) Three studies have come to the conclusion that asphalt roads take approximately 1/3 of the CO₂ to create as PCC roads; 2) Asphalt roads are the smoothest, fastest to construct and easiest to maintain; and 3) Asphalt roads are 100% recyclable and that includes recovering the asphalt cement not just the aggregates.

As I have told Henry, there is no monkey in the camera, there is no watermelon plant growing inside you, and there is no better roadway than a Perpetual Asphalt roadway.

Smoother is Better.

Bill

The 2010 Convention featured two new events; the Video Trivia Challenge on Wednesday night and the APAI Scholarship Silent Auction. Both were a big hit! Alyssa Wagner blew everyone

Thank you to all the sponsors and bidders who made the Scholarship Silent Auction so successful.

away on her way to "The Smartest Person" title and the silent auction raised \$5000.00 in its first year! Thank you to all the sponsors and bidders who made this so successful. The Presidential Banquet was highlighted by Doug Clement being recognized (and deservedly so) as the 2010 APAI Member of the Year, the passing of the gavel from Dan Lewis to 2011 APAI President, Chuck Finnegan, and finally fun and frivolity with Dueling Pianos and Karaoke into the wee hours of the night.



Alyssa Wagner receiving her trophy as "The Smartest Person" of the 2010 Trivia Challenge.

The APAI staff and Convention Committee would like to thank the staff of the West Des Moines Marriott for their hard work and all of the sponsors of the convention who made "55 and Beyond" successful beyond imagination.

2010 CONVENTION SPONSORS

BITUMINOUS MATERIAL & SUPPLY CO., L.P.
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Asphalt Paving Association of Iowa 2011 Board of Directors.

Seated (left to right): Greg Kinser, Secretary (Oldcastle Midwest Group); Bob Wagner, Treasurer (Blacktop Service Company); Chuck Finnegan, President (L.L. Pelling Company, Inc.); Duane Hassebrock, Vice President (Manatt's, Inc.) **Standing (left to right):** Bill Rosener, Executive Vice President (APAI); Doug Clement, Director (Construction Materials Testing); Dan Lewis, Director (Knife River Midwest); Bill Kubacki, Director (Bituminous Materials & Supply, L.P.); Matt Thompson, Director (General Asphalt Construction, Inc.); Mike Hoffman, Director (River City Paving)

IOWA ASPHALT REPORT

GREATER IOWA ASPHALT CONFERENCE

MARCH 2-4, 2011

Greater Iowa Asphalt Conference
Des Moines Airport Holiday Inn • 6111 Fleur Drive



SPONSORED BY

IOWA STATE UNIVERSITY

IOWA STATE UNIVERSITY
Institute for Transportation

 Iowa Department
of Transportation

 **APAI**
ASPHALT PAVING
ASSOCIATION OF IOWA



CONFERENCE HIGHLIGHTS:

- Longitudinal Joint Construction Best Practices
- Intelligent Compaction on Highway 30
- BioAsphalt Demonstration
- Storm Water Management with Porous HMA
- Iowa DOT Technicians Update
- 2010 APAI Smoothness Awards
- Pavement Preservation Strategies
- Mitigating Reflective Cracking
- Perpetual County Roads
- Best Exhibitors in Asphalt Industry
- Becoming a Leader in Your Company
- Futuristic Equipment
- Employee Relations and Diversity
- Work Zone and Plant Safety
- Recycling in Pavement Designs
- Maximizing PWL Incentives
- Highway 30 Cold-in-Place
- Networking Opportunities
- Fabulous Prizes

UPCOMING EVENTS

2011 GREATER IOWA ASPHALT CONFERENCE

March 2, 2011

Pre-Conference Safety & Design Workshop

March 3-4, 2011

General Sessions & Breakouts

Holiday Inn Des Moines Airport
611 Fleur Drive
Des Moines, IA
To register and complete exhibitor or attendee information, go to:
<http://www.ucs.iastate.edu/mnet/asphalt/home.html>

*2011 Regional Meetings:
Smoother, Faster, Smarter*

March 22, 2011

Hilton Garden Inn
1132 Larsen Park Rd.
Sioux City, IA 51103

March 24, 2011

Holiday Inn Hotel & Suites Des Moines
Northwest
4800 Merle Hay Road
Des Moines, IA 50322

March 29, 2011

Mid-America Center, Room K
One Arena Way
Council Bluffs, IA 51501

April 5, 2011

Clarion – Mason City
2101 4th Street, SW
Mason City, IA 50401

April 6, 2011

Holiday Inn Dubuque/Galena
450 Main Street
Dubuque, IA 52001

April 7, 2011

Holiday Inn Hotel
& Conference Center/Hampton Inn
1220 1st Avenue
Coralville, IA 52241

For information and to register for these regional meetings, go to:
<http://www.apai.net/regionalmeetings.aspx>

2011 APAI Beach Party & Golf Outing

July 21-22, 2011

Honey Creek Resort
Lake Rathbun, Moravia, IA

APAI 56th Annual Convention

November 30 – December 1, 2011
Tentative: West Des Moines Marriott
West Des Moines, IA

2011 County Engineers Conference

December 6-8, 2011
Scheman Building, Iowa State University
Ames, IA

2010 APAI AWARD WINNING PROJECTS RECEIVE RECOGNITION

During the 55th APAI Annual Convention held at the West Des Moines Marriott on December 1-2, 2010, awards were presented to those who had been involved with the projects that were deemed the “Best-of-the-best” in Iowa. Contractors, designers and owners were all invited to celebrate these first rate paving projects by receiving their awards at the 2010 Awards Luncheon held on December 2, 2010.

Awards were given in four categories: Quality Paving, Smoothness, Quality Management Asphalt, and Environmental.

Quality Paving Awards are comprised of commercial paving projects which make up a large percentage of an asphalt pavement contractor’s work. These projects are judged in two stages. First by a team of competing contractors, who understand how the work is done and what quality work looks like. After the vast pool of nominated projects is honed down, a second team of judges made up of APAI staff members and an Iowa DOT engineer evaluate and rank the projects based on surface appearance, joints, edges, degree of difficulty and texture. When all is completed, the award-winning projects represent the best commercial projects in the state.

Smoothness Awards are judged by the Iowa DOT Special Investigative Team. This team goes out and evaluates each submitted project in the categories of Airport Runway

Resurfacing, Municipal Street Resurfacing and Paving, and Secondary Resurfacing and Paving. The results of these tests help us recognize the smooth riding surfaces that are the most important aspect of a paved road to the traveling public. Smoothness has also been recognized as a major factor in evaluating quality construction.



Bill Rosener presenting Gaylord Beauchamp of Henningsen Construction with HMA Hall of Fame Award plaque.

Quality Management Asphalt Awards are evaluated by a team of engineers who first visually inspect each nominated project and then using project records make the determination of the winning project from the results received. This award recognizes the great degree of work that goes into building a quality pavement on the primary and interstate system. Smoothness, quality control, density results, and physical appearance all go into the overall ratings for the projects submitted for these awards. The pavements that win are considered to be the best-of-the-best, indicating that they are not only smooth but exhibit characteristics that produce long-lasting hot mix asphalt pavements.

The Environmental Awards recognize companies that have gone above and beyond in making their production facility sustainable and community friendly. Special recognition this year goes to a company that developed an employee environmental education program to train its employees on the importance and need for long-term environmental sustainability.

IOWA ASPHALT REPORT

2010 QUALITY PAVING AWARD WINNERS

Parking Lot/General Commercial Paving

FURMAN AQUATIC CENTER
– AMES, IA

Manatt's, Inc.
Ames, IA

City of Ames – Parks & Recreation
Department

Fox Engineering Associates
Ames, IA



Nancy Richardson, Director, Iowa DOT; Eric Cowles, City of Ames - Parks & Recreations Department; Steve Rooney, Manatt's, Inc.; Scott Renaud, Fox Engineering Associates; Dan Lewis, APAI President



Trails & Paths Paving Award

EDP-006(091)--74-57
– LINN COUNTY, IA

L.L. Pelling Company, Inc.
North Liberty

Linn County Conservation Board

Anderson-Bogert Engineers & Surveyors, Inc.
Cedar Rapids



Nancy Richardson, Director, Iowa DOT; Randy Burke, Linn County Conservation Board; Todd Happel, Anderson-Bogert Engineers & Surveyors, Inc.; Joel Gryp, L.L. Pelling Company, Inc.; Dan Lewis, APAI President



Athletic Use Paving

NORWALK HIGH SCHOOL TENNIS
COURTS

– NORWALK, IA

Des Moines Asphalt & Paving Company
Ankeny

Norwalk Community School District
Norwalk

Frevert-Ramsey-Kobes Architect-Engineers
Des Moines



Nancy Richardson, Director, Iowa DOT; Brian Beaird, Des Moines Asphalt & Paving Company; Dan Lewis, APAI President



Parking Lot/Heavy Industrial Paving

INTERSTATE BUSINESS PARK
– URBANDALE, IA

Grimes Asphalt & Paving Corp
Grimes, IA

Signature Real Estate Services
Clive, IA



Nancy Richardson, Director, Iowa DOT; Kyle Rohlk, Grimes Asphalt & Paving Corp; Matt Yonker, Grimes Asphalt & Paving Corp; Dan Lewis, APAI President



Special Paving Application

W912DQ-10-C-1000
– LAKE RATHBUN, IA

Norris Asphalt Paving Company
Ottumwa

U.S. Army Corps of Engineers
Kansas City, MO

Whiteman AFB Resident Office
Whiteman AFB, MO



Nancy Richardson, Director, Iowa DOT; Josh Frederick, Norris Asphalt Paving Company; Gary Barber, U.S. Army Corps of Engineers; Dan Lewis, APAI President



2010 SMOOTHNESS AWARD WINNERS

Airport Runway Resurfacing

AIP #3-19-0065-11: NEWTON
MUNICIPAL AIRPORT
– NEWTON, IA

Manatt's, Inc.
Newton

Newton Municipal Airport
Newton

Clapsaddle-Garber Associates, Inc.
Marshalltown



Nancy Richardson, Director, Iowa DOT; Rob Garber, Clapsaddle-Garber Associates, Inc.; Jeff Steinkamp, Manatt's, Inc.; Ethan Nasalroad, Newton Municipal Airport; Keith Laube, City of Newton; Dan Lewis, APAI President



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Municipal Street Resurfacing

771: KATOSKI DRIVE
– WATERLOO, IA

Aspro, Inc.
Waterloo

City of Waterloo



Nancy Richardson, Director, Iowa DOT; Milt Dakovich, Aspro, Inc.; Eric Thorson, City of Waterloo; Jamie Knutson, City of Waterloo; Dan Lewis, APAI President

Secondary Resurfacing

FM-C094(88)--55-94, D-46
– WEBSTER COUNTY, IA

Fort Dodge Asphalt Company
Fort Dodge

Webster County Engineering Office
Fort Dodge



Nancy Richardson, Director, Iowa DOT; Joe Black, Fort Dodge Asphalt Company; Dan Lewis, APAI President

Secondary Resurfacing

LFM-(4E45)--7X-95, R-34
– WINNEBAGO COUNTY, IA

Mathy Construction Company
Onalaska, WI

Winnebago County Engineering Office
Forest City



Nancy Richardson, Director, Iowa DOT; Trevor Wolf, Winnebago County Engineering Office; Doug Reisetter, Winnebago Engineering Office; Andy Marinelli, Mathy Construction Company; Todd Kleiner, Mathy Construction Company; Dan Lewis, APAI President

Municipal Street Paving

STORY CITY STREET IMPROVEMENTS – PHASE I:
EDGEBROOK DRIVE & FAIRWAY AVENUE
– STORY CITY, IA

Manatt's, Inc.
Ames

City of Story City
HWS Consulting
Ames



Nancy Richardson, Director, Iowa DOT; Craig Kalinay, Manatt's, Inc.; Mark Jackson, Story City; Scott Williams, HWS Consulting; Dan Lewis, APAI President

Secondary Resurfacing

FM-C081(60)--55-81, M-50
– SAC COUNTY, IA

Manatt's, Inc.
Newton

Sac County Engineering Office
Sac City



Nancy Richardson, Director, Iowa DOT; Steve Armstrong, Manatt's, Inc.; Ron Long, Sac County Engineering Office; Chris Murley, Sac County Engineering Office; Dan Lewis, APAI President

Secondary Paving

LFM-10-061(1)E2-RI-35, 140TH STREET
– FRANKLIN COUNTY, IA

Heartland Asphalt, Inc.
Mason City

Franklin County Engineering Office
Hampton



Nancy Richardson, Director, Iowa DOT; Ed Simon, Heartland Asphalt, Inc.; Dan Lewis, APAI President

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2010 QUALITY MANAGEMENT ASPHALT (QMA) AWARD WINNERS

Primary Resurfacing – Urban ESP-069-4(92)--2S-77, US HWY 69 – POLK COUNTY, IA

Des Moines Asphalt & Paving Company
Ankeny

Iowa Department of Transportation
District 1 Office, *Ames*
Resident Construction
Engineering Office, *Des Moines*



Nancy Richardson, Director, Iowa DOT; Greg Mulder, Iowa DOT, District 1 RCE – Des Moines; Gene Baloun, Des Moines Asphalt & Paving Company; Dan Lewis, APAI President

Primary Resurfacing – 2-Lane NHSX-020-2(70)--3H-47, US HWY 20 – IDA/SAC COUNTIES, IA

Tri-State Paving, Inc.
Estherville

Iowa Department of Transportation
District 3 Office, *Sioux City*
Resident Construction
Engineering Office, *Cherokee*



Nancy Richardson, Director, Iowa DOT; Kent Dahl, Tri-State Paving, Inc.; Michael Kruger, Iowa DOT, District 2 RCE - Cherokee; Dan Lewis, APAI President

Primary Resurfacing – 4-Lane NHSX-218-4(35)--3H-52, US HWY 218 – JOHNSON COUNTY, IA

L.L. Pelling Company, Inc.
North Liberty, IA

Iowa Department of Transportation
District 6 Office, *Cedar Rapids*
Resident Construction
Engineering Office, *Cedar Rapids*



Nancy Richardson, Director, Iowa DOT; Steven Staebler, Iowa DOT, District 6 RCE – Cedar Rapids; Brett Finnegan, L.L. Pelling Company, Inc.; Dan Lewis, APAI President

Interstate Resurfacing ESIMX-029-6(167)112--1S-67, I-29 – MONONA COUNTY, IA

Western Engineering Company, Inc.
Harlan

Iowa Department of Transportation
District 3 Office, *Sioux City*
Resident Construction
Engineering Office, *Sioux City*



Nancy Richardson, Director, Iowa DOT; Dean Herbst, Iowa DOT, District 3 RCE – Sioux City; Stan Lillard, Western Engineering Company, Inc.; Dan Lewis, APAI President

2010 ENVIRONMENTAL AWARD

This award recognizes the efforts of a hot mix asphalt production facility that goes above and beyond environmental requirements. By demonstrating safe and responsible environmental practices, this producer is enhancing the positive image of a hot mix asphalt plant, while maintaining a safe, environmentally friendly, work place.

Environmental Award – Stationary Plant DETERMANN ASPHALT COMPANY, L.L.C. – CAMANCHE, IA



Nancy Richardson, Director, Iowa DOT; Todd Powers, Determann Asphalt Paving, L.L.C.; Randy Starr, Determann Asphalt Paving, L.L.C.; Dan Lewis, APAI President



IOWA ASPHALT REPORT

2010 ENVIRONMENTAL INITIATIVE AWARD

The award recognizes exemplary initiatives by member companies or individuals therein for the promotion and protection of the environment.

OMG Environmental Education Program

Oldcastle Materials Group / Midwest
Dr. Joseph McGuire



Dr. Joe McGuire, Oldcastle Materials Group/Midwest and Dan Lewis, APAI President.

100,000 TON AWARD

WINNEBAGO COUNTY
Jim Witt, Engineer



Dan Lewis, APAI President; Doug Reisetter, Winnebago County Engineers' Office; Larry Mattusch, APAI Field Engineer

INNOVATION IN TECHNOLOGY ASPHALT PAVING AWARD

(for the use of warm mix asphalt incorporating recycled asphalt shingles)
This award recognizes the unique use of paving materials in paving projects which exhibit HMA paving advantages, e.g., design, rapid construction, quality, smoothness, and impact on traffic, residences, and businesses.

JL-C082(211)--7R-82:
SLOPERTOWN ROAD
L-611(1)--73-82: 145TH STREET
- SCOTT COUNTY, IA

McCarthy Improvement Company
Davenport

Scott County Engineering Office
Davenport

Waste Commission of Scott County
Buffalo



Angie Kersten & Jon Burgstrum, Scott County Engineering Office; Kathy Morris, Waste Commission of Scott County; Larry Coyne, McCarthy Improvement Company; Dan Lewis, APAI President

2010 APAI HMA HALL OF FAME

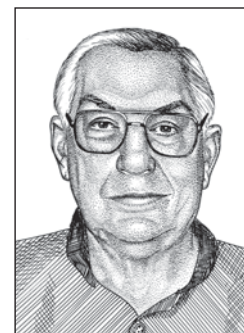
The Iowa Hot Mix Asphalt Hall of Fame was established by the Asphalt Paving Association to recognize and honor those individuals who had made significant and lasting contributions to the industry.



Gaylord Beauchamp
Henningsen Construction, Inc.



Robert G. Horner
Des Moines Asphalt & Paving Company



Roy Rohlin
Rohlin Construction Company, Inc.



Please join us in recognizing all of the winners of our 2010 APAI Awards program.

APAI WELCOMES NEW MEMBERS

APAI has added 19 new members during this fiscal year. Thank you to those who have helped recruit these new members. These companies and their sponsors will be eligible to have their names drawn from the official hard hat during the 2011 Greater Iowa Asphalt Conference for the Snow Goose Hunting Trip that is being offered by Jim Hawk Truck Trailers. Join with us in welcoming our new members and please take advantage of the services that they offer.



Modified Asphalt Solutions is the leading international supplier of terminal blended Ground Tire Rubber (GTR) modified asphalt materials and technology to asphalt oil terminals. The company provides mix design and binder consulting at every level of the design and paving process. Its GTR modified binders have been used successfully with HMA, chip seals, warm-mix additives, various levels of recycled asphalt product and recycled shingles.



Gencor Industries is the leading manufacturer of asphalt plants, soil remediation plants, combustion systems and screening equipment for the road and highway construction industry. Gencor Industries leads the industry with some of the most respected and recognized names: Bituma, General Combustion (Genco), HyWay, and H&B (Hetherington & Berner) have earned their reputation with over 100 years of quality and integrity. Each company, a leader in its field, is dedicated to producing cutting edge technology and the highest quality equipment to highway contractors. Gencor Industries has manufacturing facilities in Marquette, IA and Orlando, FL.



Avello Bioenergy, Inc. is a Boone, Iowa based technology development firm established in 2009. Bioasphalt[®], one of the Avello's core products, is a biorenewable replacement for traditional liquid petroleum asphalt and was demonstrated in October 2010 at the Waveland Trail in Des Moines. The AvelloFRAC process utilizes fast pyrolysis technology to convert waste biomass such as wood chips or corn stover into sustainable products for asphalt paving and roofing applications. AvelloFRAC also produces Biofuel Oil[™], a renewable fuel for heat and power, and Biochar, a soil amendment and carbon sequestration product. Avello is preparing to scale up its operations for larger product demonstrations as they move towards full commercialization.



Valley Environmental Service was founded as a means to provide a service for their customers, who generate used oil, used oil filters, antifreeze and have a need for parts washer services. The used oil they obtain from their customers is used as fuel to heat the ingredients necessary for the production of asphalt.

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IOWA ASPHALT REPORT



For over 70 years, 3M's Traffic Safety Systems has been a leader in pavement marking and signing solutions; offering wet night visibility and durable pavement marking as well as full cube sign sheeting technology. In addition, Roadway Maintenance Services handles the installation of pavement marking and/or signs with the option of being maintained over a multi-year term.



Road Science, LLC™

Road Science is the leading technology company for the road paving industry. Their focus is on developing long-term business relationships with contractors, manufacturers and agencies.

Road Science is a team of over 100 professionals specializing in differentiated products and services for contractors and asphalt manufacturers, as well as assisting agencies in creating greater value by protecting and re-using pavements. Their team of chemists, professional engineers and marketing specialists who have pioneered asphalt modification, pavement recycling, maintenance and assisting customers with performance testing and specifications. Road Science's team focuses on being the best at delivering innovation, technical services and sales and marketing.

Products offered by Road Science are: Strata -Reflective Crack Relief System; Bondtekk -Bonded Pavement Technologies; Reflex - Cold in Place Recycling System; and, NovaChip - Ultra Thin Bonded Wear Courses.



From promotional items to printing, Heuss Printing, Inc. is committed to ensuring that the time-worn adage of "the customer is the reason for our existence" never goes out of style. Heuss Printing, Inc. creates custom designs for clients around the country, including small and large business, medicine, entertainment, athletics, real estate, finance, construction, education and more. They do all types of marketing, in one place with one goal in mind. . .their customer's happiness! They have the latest technologies in offset and digital printing. Let them provide a quote on your next project or visit them online at www.heuss.com to learn more about them.



Innoventor is a progressive, entrepreneurial design/build engineering firm diversified in five major industries. Their core competency is leveraging cross-industry experience and cutting edge technology to provide innovative solutions for our customers. One such innovative solution is the conversion of renewable material into Bio-oil. In this case the renewable material is swine manure. Swine waste is tapped directly from the pit and charged to the Swine Manure to Bio-Oil unit where it is converted into bio-oil and blackwater. The bio-oil is taken off the farm as a value-added product and the blackwater is cleaned – the clean water is used for the Air Scrubbers and other farm uses and the nutrient-rich concentrate is spread on the fields to replace the nutrient bearing manure. With this waste disposal dilemma eliminated, the farmer is free to use higher quality commercial fertilizer for the crops.

ASPHALT SMOOTHER – FASTER – SMARTER

IOWA ASPHALT REPORT

Flagger Pros USA



Flagger Pros USA provides DOT certified flaggers and road work pilot cars & drivers. Flagger Pros USA ensures proper training which includes much more than just the “basic requirements”. They provide more in-depth, hands-on training in the areas of Control Procedures, Flagger Communication, Pilot Car Operations, and Safety Procedures. If you need a crew, they will assign a Crew Leader to be responsible for flagger set-up and to be the liaison between the flaggers, your crew and your on-site Supervisors. In addition, Flagger Pros USA provides insured, DOT compliant vehicles equipped with proper signage and driven by a trained professional.



Bishop Engineering offers a full range of Engineering, Landscaping and Land Surveying services. Founded in 1959 by Barry Bishop in the basement of his home located in Urbandale, Iowa. Our office is still located in Urbandale and we are proud to say we still serve many of Barry’s early clients.

Whether it’s a commercial or residential development with traditional or unique layout and landscaping desires, Bishop Engineering has proven to deliver a quality product. At Bishop Engineering they support environmentally conscious innovations and believe it’s important to let nature into your space, giving you and your community a place to grow and enjoy the beauty of the outdoors by incorporating low impact development solutions

Lately, Bishop Engineering has worked meticulously with the asphalt association, developers and cities to incorporate asphalt as a bid alternate for new road construction within residential developments. We have also assisted the association to help better educate design engineers and city staff on the benefits of asphalt.



R2R is an Iowa based limited liability company based in West Des Moines, IA. With locations in 7 states and plans for expansion into the West and SE United States; R2R is fast becoming the Premier Operator of Asphalt Shingle Recovery Centers in America.

Each year the United States manufactures and disposes of an estimated 11 million tons of asphalt shingles. Of this waste, ten million tons is from tear-offs from re-roofing existing homes. The EPA estimates that shingle waste accounts for approximately 8% of the total building-related waste. Since asphalt shingles are 100% recyclable; instead of sending them to landfills, we sort, clean and re-size thousands of tons of them. The resulting aggregate is used in Asphalt Paving Projects.

It’s a pretty simple concept. R2R think it’s terrible stewardship of the land to dump asphalt shingles in landfills. They are 100% reusable and desired by the industry due to their high quality aggregate and affordability. Reuse does not require any unusual or dangerous chemistry or processing. They simply “re-size” the same safe substance that was on your roof for many years; into usable aggregate granules for use by their Hot Mix Asphalt partners. Considering governmental budget problems...fortunately, present market conditions dictate that the use of shingles in asphalt is a process that does NOT need government subsidies to be viable.

Oh, one other thing you may notice once you get to know them... the people at R2R are passionate about their mission. They are proud to have diverted tens of thousands of tons of shingles from landfills... all the while providing high-grade aggregates for use in asphalt paving.

Please welcome these new members and show your support for them, by contacting them and utilizing their services. To find contact information for these members, go to www.apai.net/members.aspx.

For every \$1B in highway funding, 35,000 jobs are created; and for every \$1 spent, it equates to \$1.80 to the GDP.

APAI Members

CONTRACTOR MEMBERS

Aspro, Inc., Waterloo
Blacktop Service Company, Humboldt
Determann Asphalt Paving, L.L.C., Camanche
Duininck Inc., Prinsburg, MN
Fort Dodge Asphalt Company, Fort Dodge
Gee Asphalt Systems, Inc., Cedar Rapids
General Asphalt Construction Company, Davenport
Grimes Asphalt & Paving Corp., Grimes
Heartland Asphalt, Inc., Mason City
Henningsen Construction, Inc., Atlantic
Illowa Investment, Inc., Blue Grass
Kluesner Construction, Inc., Farley
Knife River Midwest, L.L.C., Decorah
Koss Construction Company, Topeka, KS
Manatt's, Inc., Brooklyn
Mathy Construction Company, Onalaska, WI
• River City Paving, Dubuque
McCarthy Improvement Company, Davenport
Norris Asphalt Paving Company, Ottumwa
Oldcastle Materials Group
• Cessford Construction Company, LeGrand
• Des Moines Asphalt & Paving Company, Des Moines
• Tri-State Paving, Inc., Estherville
Pate Asphalt Systems, Marion
L. L. Pelling Company, Inc., North Liberty
Shamrock Construction Company, L.L.C., Coralville
Shipley Contracting Corp., Burlington
Western Engineering Company, Inc., Harlan

SUPPLIER MEMBERS

Bituminous Material & Supply Company, Inc., Des Moines
Flint Hills Resources, Dubuque
Jebro, Inc., Sioux City

AGGREGATE SUPPLIER MEMBERS

BMC Aggregates, L.C., Elk Run Heights
Concrete Materials Co., Sioux Falls, SD
L. G. Everist, Inc., Sioux Falls, SD
Hallett Materials, Des Moines
Kuhlman Construction Company, Colesburg
Martin Marietta Materials, Des Moines
Schildberg Construction Company, Greenfield
Wendling Quarries, DeWitt

ASSOCIATE MEMBERS

Accurate Test Systems, Inc., Richfield, MN
Ahrold-Fay-Rosenberg, Des Moines
Altorfer, Inc., Cedar Rapids
Antigo Construction, Inc., Antigo, WI
Arr-Maz Products, L.P., Mulberry, FL
Asphalt Plant Products, Inc., Thomson, GA
Astec Industries, Chattanooga, TN
Avello Bioenergy, Boone
Barnhill & Associates, West Des Moines
James W. Bell Company, Inc., Cedar Rapids
Bituminous Insurance Company, West Des Moines
BOMAG Americas, Kewanee, IL
Bonnie's Barricades, Inc., Des Moines
Burrroughs Consulting Group, Hiawatha
Central Service & Supply, Inc., Ankeny
Coleman-Moore Company, Des Moines
Construction & Aggregate Products, Des Moines
Construction Materials Testing, Des Moines
Cryogenic Engineering, Cedar Rapids
Custom Welding & Metal Fabricating, Inc., Waite Park, MN
Cylosoft, Inc., Ames
Dahl Trucking, Inc., Elmore, MN
Denco Highway Construction, Mingo
J.D. Donovan, Inc., Rockville, MN
DPLM, Inc., Des Moines
Edwards Contracting Ltd., Hampton
Elite Flaggging, Inc., Cedar Rapids
Flagger Pros USA, Ames
Gencor Industries, Inc., Orlando, FL
Glendandy Marketing & Advertising, Ames
Heuss Printing, Inc., Ames
Holmes Murphy & Associates, West Des Moines
Housby Mack, Inc. Des Moines
Humboldt Manufacturing Company, Schiller Park, IL
Innoventor, St. Louis, MO
Iowa Parts, Inc., Cedar Rapids
Iowa Plains Signing, Slater
Jim Hawk Truck Trailers, Inc., Altoona
JMT Trucking, Des Moines
La Mair-Mullock-Condon Company, West Des Moines
Manhole Adjustable Riser Company, Oskaloosa
Meeker Equipment Company, Inc., Hatfield, PA
Merchants Bonding Company, Des Moines

Modified Asphalt Solutions, Inc., West Des Moines
Murphy Tractor & Equipment Company, Inc., Wichita, KS
Quality Traffic Control, Inc., Des Moines
Quick Supply Company, Des Moines
R2R Recycling, L.L.C., West Des Moines
Road Machinery & Supplies, Des Moines
Road Science, Juniata, NE
RoadSafe Traffic Safety, Inc., Des Moines
Roadtec, Inc., Chattanooga, TN
Sakai America, Inc., Adairsville, GA
Save Our Sewers, Inc., Cedar Rapids
South West Inspection, Inc., Atlantic
Star Equipment, Ltd., Des Moines
3M Company, Omaha, NE
Tarmac, Inc., Blue Springs, MO
Tennis Services of Iowa, Marion
Terex Roadbuilding, Cedar Rapids
Thermo Scientific, Dubuque
Titan Machinery, Des Moines
Troxler Electronic Labs, Inc., Downers Grove, IL
Unique Paving Materials, Cleveland, OH
Valley Environmental Services, Newton
Walker Construction Company, Emporia, KS
Weiler, Knoxville
Wells Fargo Bank, Des Moines
Whitfield & Eddy, P.L.C., West Des Moines
Wynne Transport Service, Inc., Omaha, NE
XL Specialized Trailers, Inc., Manchester
Ziegler, Inc., Des Moines

CONSULTING ENGINEERS

Anderson-Bogert Engineers & Surveyors, Inc., Cedar Rapids
Bolton & Menk, Inc., Ames
Bishop Engineering, Urbandale
Foth Infrastructure & Environmental, LLC, Lake Elmo, MN
Fox Engineering Associates, Ames
Debra S. Haugen, LLC, Minneapolis, MN
Terracon, Cedar Rapids

