



The Asphalt Pavement Alliance is a partnership of the Asphalt Institute, National Asphalt Pavement Association, and the State Asphalt Pavement Associations.

## **MEDIA RELEASE**

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## **IOWA DEPARTMENT OF TRANSPORTATION WINS 2021 PERPETUAL PAVEMENT AWARD**

The Asphalt Pavement Alliance (APA) announced today that the Iowa Department of Transportation (Iowa DOT) has won a 2021 Perpetual Pavement Award: By Design (PPA) for a 4-mile section of Iowa Highway 100 from Covington Rd. to just east of Edgewood Rd. in Linn County that opened to traffic in 2016. In the award's inaugural year, this is the first PPA: By Design for Iowa DOT. Iowa DOT previously earned three PPAs: By Performance since that program began in 2001.

To qualify for this prestigious award, the pavement must be a newly designed and constructed asphalt road built over new or reconditioned subgrade that meet strict Perpetual Pavement criteria. The pavement must demonstrate the characteristics expected from long-life asphalt pavements: excellence in design, quality in construction and value for the traveling public. Engineers at the National Center for Asphalt Technology (NCAT) evaluated the nominations and validated the winners.

The award-winning section of IA 100 was constructed by L.L. Pelling Co., Inc. This extension of IA 100, part of a beltway encircling Cedar Rapids, was the first phase of a two-phase plan. In addition to being designed as a long-life asphalt pavement, this project used 13,000 tons of Reclaimed Asphalt Pavement (RAP) diminishing the need for virgin oil by approximately 500 tons. And, because asphalt reduces highway noise compared to other pavement types, no sound barrier walls were needed.

This section of IA 100 meets the criteria for a PPA and will continue to serve the travelers in Iowa well into the future. Iowa DOT will be honored by Asphalt Paving Association of Iowa (APAI) and presented with an engraved crystal obelisk.

"The Iowa Department of Transportation is honored to receive the 2021 Perpetual Pavement Award: By Design for IA 100 from Covington Road to just east of Edgewood Road," said Ashley Buss, Ph.D., P.E., Iowa DOT Bituminous Materials Engineer. "The pavement structure is designed to extend the pavement service life and reduce future rehabilitation costs. This award highlights the successful partnership between the Iowa DOT and Iowa's asphalt industry and our shared commitment to provide Iowa communities with smooth, sustainable and resilient highways."

“One key indicator of quality in construction is a smooth, long-life pavement,” said Amy Miller, P.E., National Director of the APA. “Long-life asphalt pavements serve the community, reduce the money needed for maintenance, and conserve raw materials, ultimately leading to a truly sustainable structure that exemplifies the triple bottom line. Asphalt roads can be engineered to last indefinitely with only routine maintenance and periodic surface renewal. Perpetual pavements use fewer natural resources and offer road owners and users what they want most – an economical, smooth pavement that serves the community for decades.”

The Asphalt Pavement Alliance is a coalition of the National Asphalt Pavement Association, the Asphalt Institute, and the State Asphalt Pavement Associations. The Asphalt Pavement Alliance’s mission is to establish asphalt as the preferred choice for quality, performance and the environment.

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The Asphalt Pavement Alliance ([www.driveasphalt.org](http://www.driveasphalt.org)) is a partnership of the Asphalt Institute (AI), National Asphalt Pavement Association (NAPA) and the State Asphalt Pavement Associations. The Asphalt Pavement Alliance’s mission is to establish asphalt as the preferred choice for quality, performance and the environment.

The Asphalt Institute ([www.asphaltinstitute.org](http://www.asphaltinstitute.org)) is the international trade association of petroleum asphalt producers, manufacturers and affiliated businesses. AI promotes the use, benefits and quality performance of petroleum asphalt, through engineering, research, marketing and educational activities.

The National Asphalt Pavement Association ([www.asphalt pavement.org](http://www.asphalt pavement.org)) represents the interests of U.S. asphalt producers/contractors before Congress, federal agencies, and other national trade and business organizations. NAPA supports an active research program designed to improve the quality of asphalt pavements and paving techniques used in the construction of roads, streets, highways, parking lots, airports, and environmental and recreational facilities.

The State Asphalt Pavement Associations ([www.sapa inc.org](http://www.sapa inc.org)) represent the interests of asphalt pavement producers and paving companies at the state and local level across the United States.