



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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VIRGINIA DEPARTMENT OF TRANSPORTATION WINS 2022 PERPETUAL PAVEMENT AWARDS

The Asphalt Pavement Alliance (APA) announced today that the Virginia Department of Transportation (VDOT) has won a 2022 Perpetual Pavement Award: By Performance (PPA) and a Perpetual Pavement Award: By Design. This is the third PPA: By Performance for VDOT since the program began in 2001 and first PPA: By Design since the award's inaugural year in 2021. VDOT previously earned a PPA: By Conversion.

For both prestigious PPAs, the pavements must meet strict Perpetual Pavement criteria and 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.

To qualify for the PPA: By Performance, a pavement must be at least 35 years old and never experienced a structural failure. The average interval between the resurfacing of the winning pavement must be no less than 13 years. VDOT earned this award for a 2-mile northbound section of Interstate 81 in Montgomery County. This two-lane roadway was originally constructed in 1964. Despite a poorly draining clay subgrade, extreme inclement weather, and heavy truck loading, it has only required minimal maintenance over the past 58 years.

"The Virginia Department of Transportation (VDOT) is honored by the selection of Interstate 81 northbound between mile markers 109.8 and 111.8 in Montgomery County as the recipient of the Asphalt Pavement Alliance's 2022 Perpetual Pavement Award," said Ken King, P.E., VDOT Salem District Engineer. "This recognizes the quality work and accomplishments of generations of VDOT and industry contributors to the pavement program in Virginia."

To qualify for the PPA: By Design, the winning pavement must be a newly designed and constructed asphalt road built over new subgrade that meets strict Perpetual Pavement criteria. VDOT earned this award for both directions of a 7.1 miles section of three-lane Interstate 64 near Williamsburg. Built using full depth reclamation (FDR) and cold central plant recycling (CCPR) and incorporating approximately 168,000 tons of reclaimed asphalt pavement (RAP), this project saved approximately \$10 million, which is about 7% of the original contract. Opened to traffic in

2019, this high-quality, sustainable pavement was constructed by Allan Myers Inc. and Slurry Pavers Inc.

“The Virginia Department of Transportation is honored to receive this national Perpetual Pavement Award for the design and delivery of top-quality pavement work as part of the 7-mile reconstruction and widening of the Interstate 64 corridor through James City County, York County and the city of Newport News,” stated VDOT Hampton Roads District Engineer Christopher Hall, P.E. “Not only does this highlight our continued commitment to providing a long-lasting, high-quality product for an improved driving experience on the most heavily traveled corridor of the Virginia Peninsula, but also in incorporating innovative and eco-friendly approaches such as utilizing recycled materials, Cold Central Plant Recycling and Full Depth Reclamation, resulting in a significant estimated cost-savings of \$10 million for the Commonwealth of Virginia. We are thankful for this recognition and hope this trailblazing approach can serve as a model to be replicated across the rest of the state and beyond.”

The winning sections of Interstates 81 and 64 easily meet the criteria for a PPA and will continue to serve the travelers in Virginia well into the future requiring little maintenance. VDOT will be honored by the Virginia Asphalt Association (VAA) and will be presented with an engraved crystal obelisk for each winning project.

“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 (www.driveasphalt.org) 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 Institute (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.asphaltpavement.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.sapainc.org) represent the interests of asphalt pavement producers and paving companies at the state and local level across the United States.