



MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

**MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
(MDOT SHA) WINS TWO 2021 PRESTIGIOUS PERPETUAL PAVEMENT AWARDS**

Awards Indicative of Top-Quality Pavement Management Program (June 7, 2022) – The Maryland Department of Transportation State Highway Administration (MDOT SHA) has captured two 2021 Perpetual Pavement Awards from the Asphalt Pavement Alliance (APA), a national coalition promoting the asphalt industry. The organization’s annual awards were announced June 1, 2022, and MDOT SHA received honors in both Performance and Design categories.

“We’re honored that APA chose our pavements as award recipients,” said MDOT SHA Administrator Tim Smith. “The recognition is a testament to the aggressive and proactive pavement management and system preservation that MDOT SHA employs on all of our nearly 18,000 lane miles.”

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. PPA: By Design requires the pavement be a newly designed and constructed asphalt road built over new or reconditioned subgrade that meet strict Perpetual Pavement criteria. For both prestigious awards, the pavements 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 PPA: By Performance award-winning section is for a 48-year-old, 4.99-mile section of four to six lane Interstate 68 from milepost 3.62 to milepost 8.61 in Allegany County. This roadway has a current daily traffic count of 40,000 vehicles per day and an estimated loading since the original construction of over 26 million equivalent single-axle loads (ESALs). The years between resurfacing have averaged 17 years.

“The Maryland Department of Transportation, State Highway Administration, is honored by the selection of Interstate (IS) 68 (MP 3.62 to 8.61) in Allegany County for a 2021 Perpetual Pavement Award and MDOT SHA’s sixth PPA: By Performance,” said Ms. Sejal Barot, Director, Office of Materials Technology. “IS 68 which is a 112.9-mile Interstate Highway in the states of West Virginia and Maryland, connecting I-79 in Morgantown, West Virginia, to I-70 in Hancock, Maryland. IS 68 is also Corridor E of the Appalachian Development Highway System. In Maryland, the highway is known as the National Freeway, an homage to the historic National Road, which IS 68 parallels between Keyzers Ridge and Hancock. The freeway mainly spans rural areas and crosses numerous mountain ridges along its route and provides an alternative to the Pennsylvania Turnpike for westbound traffic from Washington, D.C., and Baltimore. This project is subject to very high truck traffic and frequent freeze-thaw cycles due to Wet-Freeze climatic conditions. We are extremely pleased to be receiving this award for three consecutive years considering its stringent criteria. This award simply highlights MDOT SHA’s commitment to our System Preservation Program and our successful partnership with Districts and Industry.”

A 3.86-mile section of Maryland Route 100 from milepost 1.84 to milepost 5.7 in Anne Arundel County earned MDOT their first PPA: By Design for construction completed in 1996. MD 100 is a major east-west highway.

“The Maryland Department of Transportation, State Highway Administration is honored by the selection of Maryland State Route 100 (MD 100 - MP 1.84 to 5.7) in Anne Arundel County for a 2021 Perpetual Pavement Award (PPA), and MDOT SHA’s first PPA by Design,” said Barot. “MD 100 is a 22.38 mile (36.02 km) major east–west highway connecting U.S. Route 29 (US 29) in Ellicott City (just north of Columbia) and MD 177 (Mountain Road) in Pasadena. MD 100 also connects to Interstate 95 (I-95), US 1, the Baltimore–Washington Parkway (MD 295), and I-97. The highway connects Howard County to the west with Anne Arundel County and the Chesapeake Bay to the east. MD 100 also provides access to the Baltimore–Washington International Airport (BWI) and the Arundel Mills shopping mall. This project demonstrated exceptional quality in technical design standards and construction quality. MDOT SHA is proud to win this award in its inaugural year and appreciates the sincere efforts of our pavement designers and partners.”

“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.”

Both awards were cited as examples of design excellence, quality in construction and value for the traveling public. The Asphalt Pavement Alliance is a coalition of the National Asphalt Pavement Association, the Asphalt Institute and the State Asphalt Pavement Associations. The mission of APA is to establish asphalt as the preferred choice for quality, performance and the environment.



MISSION STATEMENT

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