



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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For more information, contact:
Buzz Powell, 334-750-6293
or bpowell@asphaltpavement.org

At Florida DOT, Jessica Ottaviano, 850-414-4590
or jessica.ottaviano@dot.state.fl.us

FLORIDA DEPARTMENT OF TRANSPORTATION WINS 2024 PERPETUAL PAVEMENT AWARD

The Asphalt Pavement Alliance (APA) announced today that the Florida Department of Transportation has won a 2024 Perpetual Pavement by Performance Award for Florida's Turnpike (State Route 91) in Palm Beach, County.

This award honors agencies whose roadways demonstrate the characteristics expected from long-life asphalt pavements: excellence in design, quality in construction, and value for the traveling public. To qualify for this prestigious award, a pavement must be at least 35 years old, never experienced a structural failure, and have an average interval between the resurfacing of the winning pavement of no less than 13 years. National Center for Asphalt Technology engineers evaluated the nominations and validated the winners.

The Florida Department of Transportation won the award for a five-mile, six-lane segment of Florida's Turnpike (State Route 91) in Palm Beach County. Originally opened in 1957 as part of the Sunshine State Parkway, it predates the national interstate system and represents Florida's first limited-access route into South Florida. Despite enduring nearly 100 million equivalent single axle loads and serving an average of 110,000 vehicles daily, this section has required only four resurfacings in its 67-year lifespan, with an average of 14.3 years between maintenance cycles. The total structural asphalt thickness has increased by only 3.5 inches since the initial construction. The roadway is currently rated 8.6 and 8.5 (out of 10) for crack ratings, an assessment of the condition and severity of cracking used to determine the need for maintenance or repair. Through decades of South Florida's population boom, the road continues to demonstrate remarkable durability and exemplifies Perpetual Pavement performance.

"Asphalt roads can be designed, built, and maintained to indefinitely prevent deep distresses," said Dr. Buzz Powell, P.E., Technical Director of the APA. "The resulting Perpetual Pavement structure is an excellent investment for taxpayers because it only requires periodic surface renewal, has the most preservation options, and never requires reconstruction. Advantages of Perpetual Pavements include durability, economics, sustainability, and smoothness. The smoothness advantage of asphalt pavements is indefinitely extended with Perpetual Pavement since deep distresses that cause roughness never occur.

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.