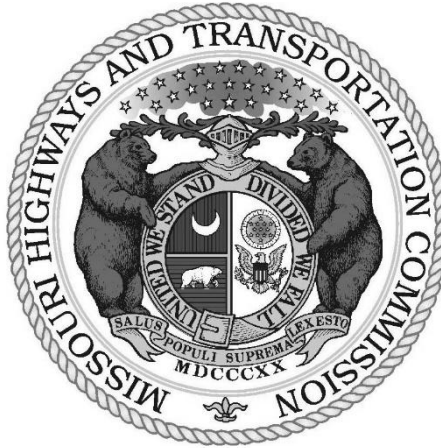




MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
Official Minutes

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**MINUTES OF THE SPECIAL HIGHWAYS AND TRANSPORTATION
COMMISSION MEETING HELD IN JEFFERSON CITY, MISSOURI,
WEDNESDAY, AUGUST 5, 2026**

A special meeting of the Missouri Highways and Transportation Commission was held on Wednesday, August 5, 2026, at the Missouri Department of Transportation, 105 W. Capitol Avenue, Jefferson City, Missouri. Warren K. Erdman, Chairman, called the meeting to order at 11:45 a.m. The following Commissioners were present: W. Dustin Boatwright, P.E., Gregg C. Smith, Daniel J. Hegeman, Francis G. Slay, and Ann Marie Baker.

The meeting was called pursuant to Section 226.120 of the Revised Statutes of Missouri, as amended. The Secretary verified that notice of the meeting was posted in keeping with Section 610.020 of the Revised Statutes of Missouri, as amended.

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Ed Hassinger, Director of the Missouri Department of Transportation; Terri Parker, Chief Counsel; and Jennifer Jorgensen, Secretary to the Commission, were present on Wednesday, August 5, 2026.

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*“Department” or “MoDOT” herein refers to Missouri Department of Transportation.
“Commission” or “MHTC” herein refers to Missouri Highways and Transportation Commission.*

-- CLOSED MEETING --

VOTE TO CLOSE MEETING

The agenda of the closed meeting was posted in keeping with Sections 610.020 and 610.022, RSMo, including the following statutory citations allowing the meeting to be closed:

1. Section 610.021(1) – Legal actions and attorney-client privileged communications.
2. Section 610.021(3), (13) – Personnel administration regarding particular employees.

Upon motion duly made and seconded to convene in closed session, the Chairman called for a voice vote of the members. The vote was as follows:

Commissioner Erdman, Aye
Commissioner Boatwright, Aye
Commissioner Smith, Aye
Commissioner Hegeman, Aye
Commissioner Slay, Aye
Commissioner Baker, Aye

The Commission met in closed session on Wednesday, August 5, 2026, at 2:45 p.m. and adjourned at 5:35 p.m.

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-- OPEN MEETING --

COMMISSION/DIRECTOR ITEMS

COMMISSION WORKSHOP – RESEARCH AND PAVEMENT INNOVATIONS

The Commission held a special meeting to research and pavement innovations. The purpose of the workshop was to provide the Commission with an overview of MoDOT’s research program and highlight pavement innovations progressing from evaluation to field implementation. The department emphasized the value of demonstrating practical, Missouri-specific outcomes alongside industry partners—the American Concrete Pavement Association (ACPA), the Missouri Asphalt Pavement Association (MAPA), and the Missouri Center for Transportation Innovation (MCTI), who provide essential perspectives on field deployment, contractor readiness, industry capabilities, and national benchmarking.

Brandi Baldwin, State Materials and Construction Engineer, and Willie Johnson, Construction and Materials Liaison Engineer, highlighted that MoDOT’s research program is designed to deliver practical, implementable solutions that improve safety, performance, and system value for Missourians. Current pavement initiatives are producing measurable, Missouri-specific benefits. MoDOT’s research approach was described as intentionally practical and implementation-oriented, with federal planning and research funding structured to ensure a minimum research investment and a portfolio of projects sized from approximately \$50,000 to over \$500,000. The team manages roughly 35–40 projects at a time, conducted through external partners, with clear deliverables and a post-completion review to determine implementation readiness. Since 2020, outcomes have ranged from full and partial implementation to informational results and follow-on phases, reflecting a deliberate balance between innovation and system-ready solutions.

Arij Humeida, Executive Director of Kansas/Missouri American Concrete Pavement Association, presented about asphalt innovations and explained the progression of balanced mix design and performance testing, the collaborative development of job special provisions, and the forthcoming specification update slated for the October lettings. She highlighted ongoing calibration work to properly model improved mixes within mechanistic-empirical design tools and introduced “highly modified binder” (Hi-Mod) concepts under development. Additionally, she reinforced that the Association works in partnership with the department and provides updates on research, performance trends, and innovations affecting specifications and construction practices.

Dale Williams, Executive Director of Missouri Asphalt Pavement Association, outlined how the department and the association collaborate year-round through technical discussions, training, specification development, and knowledge sharing, stressing that quality must be embedded throughout design, materials selection, construction, inspection, and communication. A recent topic involved Type IL cement, where finishing practices require adjustment to avoid surface defects, and where shared research and experience from other states help support successful implementation in Missouri. He also described the industry’s continuous collaboration with MoDOT on evolving specifications and training, noting that balanced mix design is moving toward full implementation and that highly modified binders could be a “game changer” by enabling substantial thickness reductions without sacrificing performance. They cited the need for Missouri-specific pilot sections and calibrated models to locate the optimal design “sweet spot,” recognizing that building pavements too thick or too thin wastes resources and underscoring the importance of data-driven decisions.

Glenn Washer, Director for the Missouri Center for Transportation Innovation, presented an overview of the center’s vision, governance, and growing portfolio, reporting that MCTI has secured 130 projects totaling \$28,924,447 in cumulative external research funding as of fiscal year 2026, with progress across the four University of Missouri System campuses and strong national partnerships. He outlined

ongoing and planned work, including multi-campus friction and mixture testing, a National Cooperative Highway Research Program project on recycled agents in production, and featured studies such as evaluation of colloidal silica-based finishing aids to improve finish ability in concrete pavements without compromising performance, and sustainable, organic-based anti-icing agents to reduce chloride damage while maintaining safety. He also highlighted coordination mechanisms with MoDOT's lab to avoid duplication, share equipment and calibration costs, and leverage Missouri's roadway network as a large-scale testbed. Finally, MCTI noted plans to strengthen team building, workforce development, cabinet leadership, external advisory engagement, and pursue conferences to elevate transportation innovation statewide.

Throughout the workshop, the Commission inquired about and discussed the subjects brought before them. Chairman Erdman thanked all of the presenters for their presentations and expertise and noted that the workshop was useful and helpful. He commended them for their continued innovation and partnership with the department, industry, and universities.

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By unanimous consensus of all members present, the meeting of the Commission adjourned.

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The Mission of the Missouri Highways and Transportation Commission is to:

- Represent the citizens of Missouri pursuant to the Constitution by providing independent and nonpartisan governance of the Missouri Department of Transportation; and
- Establish policies, exercise oversight, and ensure accountability in developing and maintaining a world class transportation system in Missouri which fosters safety and economic development.

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