

HSM Implementation Pooled Fund Study

TPF-5(255) & TPF-5(516)

<https://www.pooledfund.org/Details/Study/484>

<https://www.pooledfund.org/Details/Study/748>

Quarterly Report

April – September 2025

TPF-5(255)-

Participating Agencies: Louisiana Transportation Research Center, CA, CT, ID, IL, KS, KY, LA, MI, MO, MS, NC, NJ, NV, OH, OK, OR, PADOT, TX, UT, WA, WI, WV

Total Funds Committed to TPF: \$1,595,000

Total Funds Transferred to FHWA: \$1,587,078

Total Funds Obligated: \$1,582,871

Transferred Unobligated Funds: \$ 4,207

TPF-5(516) – Participating Agencies: AR, CA, FL, IADOT, ID, KS, KY, LA, MA, MI, MO, MS, NV, NY, OH, PADOT, TX, UT, VA, WA, WI

Total Funds Committed to TPF: \$1,520,000

Total Funds Transferred to FHWA: \$ 834,800

Total Funds Obligated: \$ 397,174

Transferred Unobligated Funds: \$ 437,626

Note: For Quarterly Report purposes, the two Highway Safety Manual (HSM) related pooled funds are combined. These two pooled funds act as one during this transition period while funds from the first pooled fund, TPF-5(255), are expended. The Federal Highway Administration's (FHWA) pooled fund meetings include all states from both pooled funds.

Activities Accomplished During Reporting Period (April – September, 2025):

- FHWA procured a contract mechanism to receive contractor support for management of the Transportation Pooled Fund (TPF).
- The states voted on a number of projects that are high-priority based on the interest ratings. FHWA worked to advance those that reached concurrence to the next stage for contract actions. These projects include:
 - 2023-2 – Incorporating Safe System Approach into HSM.
 - 2024-02 – Improving Calibration.
 - 2024-03 – Updating Part D Analysis Tools.
 - 2024-05 – Exploring EMS and Crash Severity in DDSA.
 - 2024-09 – Part C Spreadsheet Tools for HSM2.
 - 2024-10 – HSM2 Summary Videos
 - 2024-11 – HSM2 Supplemental Training.
- A meeting was held on August 19, 2025. FHWA shared the new Microsoft Teams page used for sharing TPF resources. Notable updates discussed include:
 - HSM2 balloting is complete and publication is expected for spring 2026. With the completion of the National Cooperative Highway Research Program's (NCHRP) HSM Roadmap, there is now discussion of a strategic research plan to develop future content.
 - AASHTOWare Safety presented an overview of the Alternative Design (AD) module to support the AASHTO Highway Safety Manual predictive methods in Part C.
 - FHWA's Geometric Design Lab (GDL) updated members regarding ongoing activities managing the Interactive Highway Safety Design Model (IHSDM), including a discussion of how IHSDM can be configured for HSM2, while also noting that some new components, such as the pedestrian and bicycle crash prediction models, cannot be applied in IHSDM. GDL plans to host training webinars in 2026 after publication of the HSM2.
 - FHWA presented on the list of upcoming projects and requested volunteers support the identified projects.
- Work continued on the remainder of the tasks on the Advancing Application of Data Driven Safety Analysis (DDSA) project.

Activities Planned for Next Quarter (October - December, 2025):

- A bi-monthly meeting is scheduled for November 18. FHWA and the Contractor will develop the agenda, distribute to attendees, facilitate the meeting, and distribute a summary of the meeting.
- Work will continue on the remaining main tasks on the Advancing Application of DDSA project.
 - Task 2.1, for further exploration of Empirical-Bayes for predictive analysis. The contractor will set up additional analysis frameworks based on the available data received and is working on a technical memorandum.
 - Task 3's report will be finalized and advanced toward publication.
 - Task 4's Communication Guide will be finalized and advanced toward publication.
- FHWA has developed a scope associated with the 2023-4 – HSM “Screening Tool” project, in conjunction with broader resources for conducting Safety Performance Assessments with DDSA. FHWA is seeking to advance this project to contracts.
- States may continue to add funding commitments for the HSM2 Implementation Pooled Fund. To date during this reporting period, 21 states have committed to the study, totaling \$1.52M
- Work will continue on the Open-Source Tools and Processes and Data Dictionary efforts.
- The TPF will solicit working group volunteers for the following research topics:
 - 2024-02 – Improving Calibration.
 - 2024-03 – Updating Part D Analysis Tools.
 - 2024-05 – Exploring EMS and Crash Severity in DDSA.
 - 2024-09 – Part C Spreadsheet Tools for HSM2.
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