**HSM Implementation Pooled Fund Study**

**TPF-5(255)**

**Quarterly Report**

**July – September 2018**

**Participating Agencies:** CA, ID, IL, LA, NC, KS, OH, OK, OR, MI, MS, NJ, PA, MO, NV, UT, WA, WV, and WI

**Total Funds Committed:** $1,455,000

**Total Funds Transferred to FHWA:** $1,253,078

**Total Funds Obligated:** $ 890,433

**Transferred Unobligated Funds:** $ 362,645

**Activities Accomplished During Reporting Period (July 1 – September 30, 2018):**

* On July 12, TPF-5(255) State Representatives met in-person at the conclusion of an FHWA Data-Driven Safety Analysis national peer exchange in Dallas, TX to continue the sharing of information. The first agenda topic provided an overview of the pooled fund for prospective states. The second topic presented highlighted collection methods and tools used in Louisiana and Vermont to obtain the Model Inventory of Roadway Elements (MIRE) Fundamental Data Elements (FDEs). Next, notable practices in CMF/SPF calibration and development were shared and discussed. Finally, updates of HSM Implementation Pooled Fund projects were provided.
* Updates on ongoing projects:
  + “Safety Performance for Intersection Control Evaluation” Project:
    - Tool: Draft 3.0 of the tool with crash prediction models from NCHRP 17-68 (additional intersections) and 17-70 (roundabouts) have been added.
    - User Guide: user guide revisions complete
    - CAP-X tool update: FHWA issued a task order modification (using FHWA funding) on Mar 23 to update CAP-X tool to compliment the new SPICE tool. Anticipated completion for SPICE is October 2018.
  + “Network Screening Noteworthy Practices”
    - Kick-off discussion was held September 5, 2017. Call with TRB and contractor held February 12. PF Administrator reached out to contractor and TRB on May 24. Contract modification is still pending.
  + “Safety Analysis Needs Assessment for PBPD and TSMO” project:
    - The 2nd draft was disseminated Apr 5 via webinar, with comments received in May.
    - Work has begun on two noteworthy practices (arterial signal coordination and transportation incident management) under Optional Task 4.
    - FHWA’s office of Traffic Operations became interested in this project and the contractor made a presentation based on Draft 2 on July 24 to gain additional input. Based on feedback, a contract modification was executed on August 31 to add a 3rd draft final report and to add three syntheses related to traffic and weather. Total cost of modification is 111,018.
  + “Peer Exchange: *DDSA Applications in Performance-Based Project Development*”
    - The HSM Pooled Fund contributed $75,000 to the DDSA national peer exchange that took place July 10-12. Lots of great information was exchange among the 150 participants from 30 states. A peer exchange summary report will be completed by next quarter.

**Activities Planned for Next Quarter (October 1 – December 31, 2018)**:

* Connecticut and Texas both plan to join the HSM Pooled Fund in FY 2019. They became aware and interested at the in-person peer exchange and meeting held July 12.
* Hold virtual quarterly business meeting of State representatives.
* “Safety Performance for Intersection Control Evaluation” Project:
  + Dissemination of a final draft of SPICE tool
* “Network Screening Noteworthy Practices” Project:
  + Deliverables schedule will be discussed (Date TBD)
* “Safety Analysis Needs Assessment for PBPD and TSMO” project
  + 3rd draft of document will be disseminated. Continue work on two noteworthy practices guides and begin work on the three syntheses related to traffic and weather.
* “Peer Exchange: *DDSA Applications in Performance-Based Project Development*”
  + Peer exchange summary report will be completed by December 2018.