**QUARTERLY PROGRESS REPORT**

**April through June 2025**

**Improving Traffic Detection Through New Innovative i-LST Technology Demonstration Pilot**

FHWA Pooled Fund Study # TPF-5(520)

Submitted by:

FHWA

**WORK CONDUCTED THIS QUARTER**

* Held quarterly TAC meeting.
* Conducted survey of TAC members to garner interest in participating in corridor deployments and identifying corridors of interest. Survey also inquired about the issues and challenges surrounding deployments.
* Coordinated and met with select Pooled Fund States regarding deployments on the I-40 and I-90 corridors to collect more information about the sites along each corridor.
* Traveled to two of the States on the I-40 corridor for deployments. Installed traffic monitoring equipment at three site locations to allow for inductive loop signature technology (i-LST) data collection.
* Identified potential corridors for deployment of remaining four unselected project corridors.
* Karl Buck took over as FHWA Lead Contact and Study Champion for Pooled Fund following Steven Jessberger’s retirement.

**WORK PLANNED FOR NEXT QUARTER**

* Hold quarterly TAC meeting on August 28.
* Hold meetings to discuss last four corridor deployments with representatives from the specific States.
* Collect detailed corridor/site information to populate SLA MOUs and develop detailed site deployment plans.
* Finalize SLA MOUs and obtain signatures from all relevant parties for all States/corridors.
* Continue equipment procurement for deployments.
* Schedule travel and conduct deployments.
* Create plans for group and individual demonstrations including locations and dates, to possibly hold first demonstration in Q4 2025.
* Begin to plan Peer Exchange locations and dates.

**SIGNIFICANT ISSUES**

* Remaining TAC member funds needed from one Pooled Fund member State.
* TAC member States need to expedite review and signing of SLA MOUs and provide timely coordination in deployment efforts so inductive loop signature technology (i-LST) data collection can begin on all corridors.