**QUARTERLY PROGRESS REPORT**

**October through December 2024**

**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**

* Project kick-off meeting held with FHWA and contractors (Guidehouse and 3 sub-contractors: SRF Consulting, Applied research Associates (ARA) and CLR Analytics)
* Held TAC kick-off meeting
* Finalized project Work Plan
* Finalized Quality Control Plan
* Began drafting Sensor Location Agreement (SLA) Memorandum of Understanding (MOU) template and communicated regarding technical considerations of deployments
* Collected data to support corridor/site selection work
* Developed online mapping application to support corridor/site selection process

**WORK PLANNED FOR NEXT QUARTER**

* Hold quarterly TAC meeting
* Complete draft Sensor Location Agreement (SLA) MOU template for use for i-LST locations to be part of the study
* Develop preliminary corridor deployment options with the TAC for review and comment
* Coordinate with select Pooled Fund states regarding potential deployments and related technical considerations
* Distribute draft SLA template to the TAC for review and comment
* Identify potential corridors as candidates for early deployment

**SIGNIFICANT ISSUES**

* TAC members funds needed from several PF members