

Progress Report for StreetLight Data Non-Traditional Methods to Obtain Annual Average Daily Traffic (AADT) Evaluation and Analysis

Period – January 1, 2020 to January 31, 2020

Highlights / Issues

- Both the TAC and the evaluation team wanted to understand how StreetLight Data will redact sites that the evaluation team will use for the validation. Both teams agreed that StreetLight will send a full list of counters to both NREL and TTI to withhold 10%.
- There was discussion with Mark Hallenbeck at the January 14 TAC meeting about how accuracy will be determined for the different functional classes, ramps, etc. The discussion focused on the uses of the data. What is needed for HPMS reporting and what is needed for roadway design and maintenance?

Work anticipated during the next period

- The team will receive all data from the states to build the repository of trips for testing.
- The list of counters will be shared with the TAC and evaluation team where 10% will be withheld for independent validation.

Tasks completed this period

Task 1 – Project Management

- The team conducted two check-in meetings in January 9th and 23rd.
- The meetings covered data collection and evaluation and the preparation of the TAC meeting #2 materials

Task 2 - AADT Estimation from Passive Data Evaluation

- The team continued the intake of the data from state DOTs under Task 2a - Creation of Calibration and Validation Set of Counters

Task 3 - Establish a Technical Checklist and Develop Appropriate Data Quality Criteria

- Not started during this period

Task 4 – Deliver TAC Meetings

- TAC meeting #2 was conducted on January 14, 2020