

Transportation Pooled Fund Program

Project Title: Pavement Marking Life Cycle

Project Manager and Phone Number:

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Project No.

SPR-3(094)

Project is:

PLANNING

R&D

Reporting Period:

4/1/07 to 12/31/07

Multi Year Project

2002 to 2008

Description of Work Performed and Progress:

Study Objective

The study objective is to collect, compile and analyze retro-reflectivity data for four durable pavement marking materials on selected routes in nine states and to use that data to develop service life performance curves of retro-reflectivity vs. time for those same marking materials. The four pavement marking materials chosen for this study are thermoplastic, epoxy, tape and methyl methacrylate (MMA). The nine participating states are Alaska, Oregon, Idaho, Utah, Montana, North Dakota, South Dakota, Nebraska and Minnesota. Of these states Alaska, Oregon, Idaho, and Utah are collecting their own data. The contractor is collecting data in the remaining states. All data is to be forwarded by the states to the contractor for compilation, analysis and presentation.

Tasks

The seven tasks identified to be performed are:

1. Develop a preliminary Research Management Plan
2. Develop a preliminary Procedure Plan for the research effort by all data collection personnel.
3. Develop a recommendation for the number and location of the sites where data is to be collected in all nine states.
4. Collect pavement marking inventory and field data
5. Compile and analyze the pavement marking and field data
6. Prepare a draft final report
7. Prepare final report and document data

Progress

To date, tasks 1, 2, 3 and 4 are complete. Data from all states has been sent to Texas Transportation Institute (TTI) for performance of tasks 5, 6 and 7. Task 5 is underway. All data from all years was collected before sending to TTI. The contract is being extended to 6/30/08 because of unforeseen delays in getting all the data from all the states. Proposed schedule is:

Jan 31, 2008 – Data compilation and analysis complete by TTI and incorporated into draft final report.

Mar. 31, 2008 – Technical panel reviews and comments on draft final report.

June 30, 2008 – TTI will address tech panel review comments in the final report. Results will be distributed.

STATUS AND COMPLETION DATE

Project is 86% complete. Because of personnel and organizational changes at TTI and delays in getting data from all the states, the contract has been extended to allow completion of remaining tasks.