

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:

9/1/02 to 7/15/05

Multi Year Project

2002 to 2006

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 and 3 are complete. Tasks 4 and 5 are generally progressing although there have been some data collection set backs in some states due to equipment problems, route changes due to unforeseen circumstances, and communication delays. The contractor and the states are working to get Task 4 completed and up-to-date. The Contractor will then be able to progress with Task 5 for 2005. Tasks 6 and 7 will follow in 2006.

STATUS AND COMPLETION DATE

Percentage of work complete to date for total project:

Tasks 1-3 comprise 17% of the total contract amount and have been paid to the contractor. Task 4 is on schedule in some states and behind in others. Task 5 is behind schedule because it is dependent on the completion of Task 4. The expected completion date has not changed and is still June 30, 2006.