

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:

8/1/08 to 5/31/09

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 collected their own data.

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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 and the project is over budget. The data has been compiled but there is not sufficient funding to analyze the data. The data is being sent from the contractor and will be distributed to all the states.

STATUS AND COMPLETION DATE

Data should be received from the contractor and be distributed to the states by 7/31/09.