

**State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: June 30, 2005**

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| Program: SPR-0010(36) FFY99 | | Part: II Research and Development | |
| Project Title: Transportation Asset Management Threshold Levels | Project ID: 05-01 | | |
| Administrative Contact: Nina McLawhorn | Sponsor: MRUTC | | |
| WisDOT Technical Contact: Jason Bittner | Approved Starting Date: 10/01/04 | | |
| Approved by COR/Steering Committee: | Approved Ending Date: 09/30/05 | | |
| Project Investigator (agency & contact): Pablo L. Durango-Cohen (Northwestern University) | | | |

Description:

| Total study budget | Current FFY budget | Expenditures for current quarter | Total Expenditures to date | Percent Complete |
|---------------------------|---------------------------|---|-----------------------------------|-------------------------|
| 138,526 (33,540) | 138,526 | 42,000 | 52,000 | 45% |

*The expenditures are based on the PI's records and estimates. The official records are kept by Northwestern University.

- Task 1: Summary of DOT or other agency best practices*
- Task 2: Identification of asset management tools and techniques most appropriate for small agencies*
- Task 3: Suggestions for size thresholds so that specific asset management tools should be used*
- Task 4: Guidelines to help local transportation agencies use or modify these best practices*
- Task 5: Review of federal laws and practices that might inhibit or foster the use of these strategies*

**** The reported expenditures are based on the PI's estimates. The official numbers are kept by the Office of Sponsored Research at Northwestern University. We note that the contract with the MRUTC was actually approved in early December even though the project start date is 10/01.**

Progress This Quarter:

This quarter we have conducted a pilot for the survey that we designed. We have interviewed approximately 15 officials at various levels in local agencies located in the MRUTC region. The purpose of the survey is twofold. First, we would like to assess familiarity with asset management tools and techniques and to get a feel for those that are prevalent and have been implemented successfully at the county or municipal level. The second objective was to assess the effectiveness of the survey that we developed in conjunction with Cambridge Systematics and to modify it accordingly for potential mass distribution.

Also this quarter we have continued work in summarizing best practices (task 1), identifying asset management tools (task 2), and reviewing federal laws (task 5). These tasks have been accomplished through discussions with Cambridge Systematics and Northwestern team members and an on-going literature review.

Work Next Quarter:

Next quarter we will conduct the second phase of the survey and analyze the responses. From the responses, we will continue to summarize best practices (task 1), identify previously unfound tools and techniques (task 2), and understand what how laws affect asset management (task 5). The survey will be conducted in two stages. The first stage, a pilot stage will be conducted by phone and the second stage will be conducted by email.

The responses will also help us to find size thresholds so that asset management tools should be used (task 3). Finally from the survey responses, we will begin to develop guidelines to help local transportation agencies use or modify these strategies (task 4).

Circumstances affecting progress/budget:

None.

None to report

Task 1: Literature Review

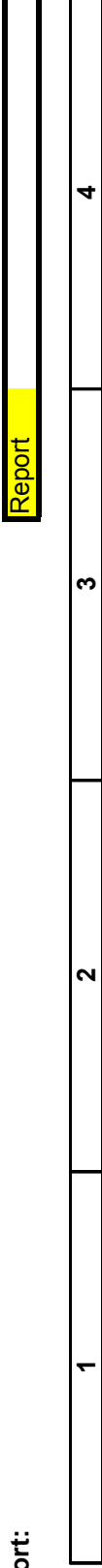
Task 2: ID Tools and Techniques

Task 3: ID Thresholds

Task 4: Catalog Best Practices

Task 5: ID Barriers

Final Report:



Fiscal Year Quarters

Note: Gantt chart shown in State Fiscal Year Quarters. Colored cells represent completed tasks, and white cells represent tasks that remain.