

State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: March 31, 2009

Program: TPF-5(092)		FHWA Pooled Fund Research Program	
Project Title: Specifications for Mobile Data Platforms on DOT Vehicles			
Project ID: 0092-09-09			
Administrative Contact: Kim Linsenmayer, Daniel Yeh, WisDOT Research & Library Unit		Sponsor: Clear Roads Pooled Fund	
WisDOT Technical Contact: Mike Sproul		Approved Starting Date: December 2008	
Clear Roads Project Champion: Dennis Burkheimer, Iowa DOT		Approved Ending Date: March 2010	
Project Investigator (agency & contact): Greg Thompson, Thompson Engineering			

Percent complete (budget and hours):

- **Hours and budget expended to date: N/A; 88 hours, 18.9%, \$9,340.00**
- **Hours and budget expended for current quarter: 88 hours, 18.9%, \$9,340.00**
- **Hours and budget balance: 376, 81.1%, \$40,160.00**

Brief project description: The Clear Roads pooled fund research program (www.clearroads.org), in coordination with the Wisconsin Department of Transportation, seeks to develop communication and data format specifications to support mobile data platforms used by State DOT's. The mobile data platforms could be equipment such as, snow plows, end-loaders, supervisor trucks, paint trucks, herbicide sprayers, trailers, oil distributors and other similar equipment used in roadway maintenance operations. Agencies that are considering adding GPS/AVL to support the mobile data platform need a set of specifications that will allow them to purchase a variety of different sensors that all use a common communication protocol and data format.

Progress this quarter (include specific tasks completed):

Literature Search

Quarterly Progress Report

Tasks planned for next quarter:

Survey of Needs on interactive web site

Quarterly Progress Report

Identify any outstanding issues and barriers

None

Please attach Gantt chart.

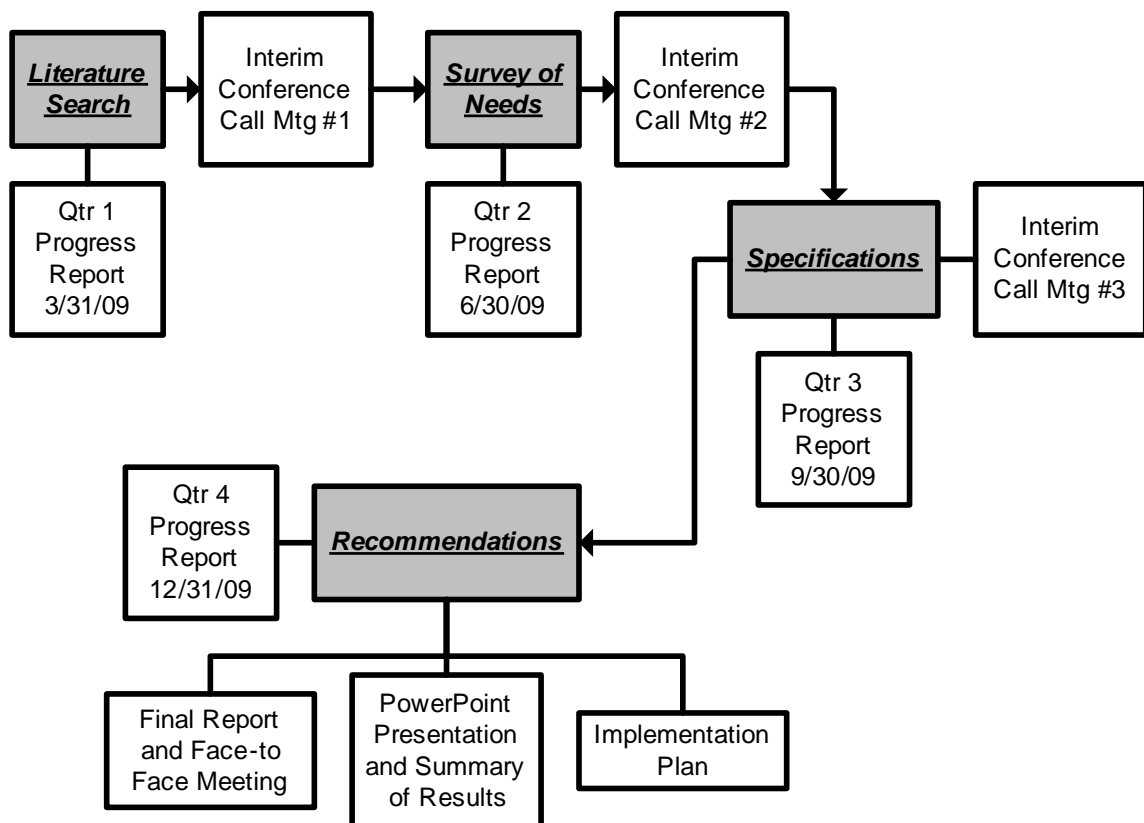
See next page for schedule & task flow chart.

Schedule

Months	12/08	1/09 3/09	4/09 6/09	7/09 9/09	10/09 12/09	1/10 3/10	3/10
Tasks							
Task 1 Literature Search	▲	↔					
Task 2 Survey of Needs			↔				
Task 3 Specifications				↔			
Task 4 Recommendations					↔	↔	
Quarterly Progress Reports		▲	▲	▲	▲		
Conference Calls		▲	▲	▲			
Final Report and Face-to-Face Meeting						↔	
PowerPoint Presentation and Summary of Results					↔		▲
Implementation Plan							▲

Schedule for Clear Roads Project

Task Flow Chart



Task Flow for Clear Roads Project