

RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: 1st

Wisconsin Department of Transportation
DT1241 2009

Research, Development and Technology Transfer	
Program: (Choose One) <input type="checkbox"/> Policy Research <input checked="" type="checkbox"/> Pooled Fund TPF # 5(092) Clear Roads <input type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Other	
Project Title: Development of Interface Specifications for Mobile Data Platforms on DOT Vehicles	
Administrative Contact/Phone #: Colleen Bos/ (608) 577-4805	WisDOT Project ID(s): 0092-09-09
WisDOT Technical Contact/Phone #: Michael Sproul/ (608) 266-8680	Other Project ID: Clear Roads 08-01
Project Investigator/Phone # (agency & contact): Greg Thompson Thompson Engineering Company 651 260-0116	Approved Starting Date: 12/4/2008
WisDOT Comments:	Original End Date: 3/31/2010
	Current End Date: 3/31/2010
Sponsor: Wisconsin Department of Transportation	Number of Extensions: 0

Schedule Status:

- ☒ On schedule ☐ Ahead of schedule
☐ On revised schedule ☐ Behind schedule (Please explain below)

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$49,500.00	\$12,185.00	\$44,550.00	90.0%	90%

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: (Includes project committee meetings, work plan status, contract status, significant progress, etc.)

1. Delivered Concept of Operations, received comments and incorporated them.
2. Delivered Specification, received comments and incorporated them.
3. Quarterly Report plus two telephone conference calls.
4. Delivered Final Report, Implementation Plan, Recommendations, & PowerPoint Slides.

Anticipated Work Next Quarter:

1. Update and modify final report as needed for final copy.
2. Present webex oral presentation (slides provided 3/8/2010) on 3/26/2010
3. Quarterly Report plus conference calls as needed.

Circumstances Affecting Progress and/or Budget:

1. Awaiting comments on final report, implementation plan, recommendations, & presentation.

Gantt Chart:

See Figure 1 (Contract Schedule) & Figure 2 (Contract Task Flow) on next page.

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							▲

Figure 1: Schedule for Clear Roads Project

Task Flow Chart

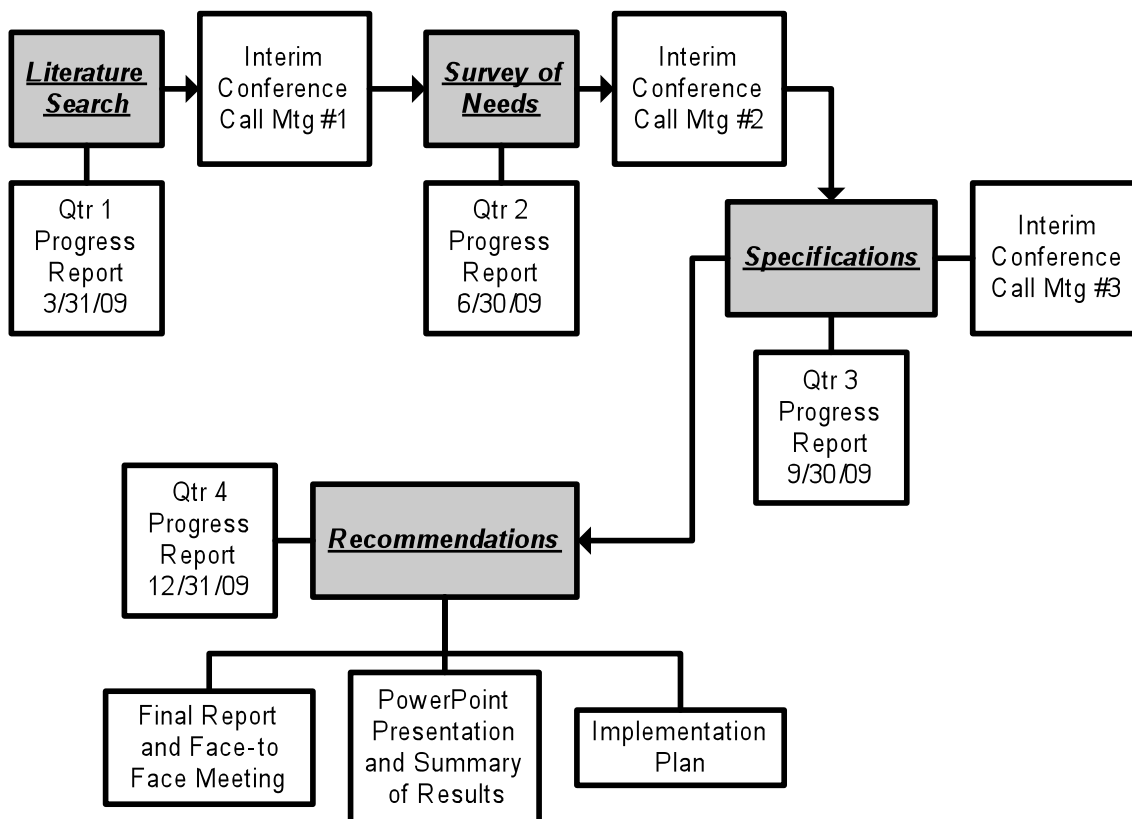


Figure 2: Task Flow for Clear Roads Project