

Period Covered: July 1, 2003 through September 30, 2003

### State Planning and Research Program

<b>Project Title:</b> Portable Non-Intrusive Traffic Detection System		
<b>Project Manager and Phone Number:</b> Jerry Kotzenmacher Traffic Signal Specialist MN/DOT - Office of Traffic, Security & Operations Mail Stop 725 395 John Ireland Boulevard Saint Paul, MN 55155 Phone: 651-284-3438 E-mail: <a href="mailto:Jerry.Kotzenmacher@dot.state.mn.us">Jerry.Kotzenmacher@dot.state.mn.us</a>	<b>Project No:</b> Mn/DOT Agreement No. 82139	Project is:  <input type="checkbox"/> PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT
<b>Voucher Period:</b>	<b>Multi Year Project</b>	
<b>Description of Work Performed and Progress:</b>  See attachment.		
<b>STATUS AND COMPLETION DATE</b>  Percentage of work completed to date for total project Project is: <u>9.2</u> %  <input checked="" type="checkbox"/> on schedule <input type="checkbox"/> behind schedule, explain:  Expected Completion Date: <u>August 2004</u>		

Project Manager

# Quarterly Progress Report

July 1, 2003 through September 30, 2003

## Work Completed (July 1, 2003 through September 30, 2003):

- Finished design of PNITDS project brochure
- Completed research of existing portable systems
  - Contacted State DOT representatives (Virginia, Minnesota, New York, and Florida) and documented their experiences in developing and using different portable systems
  - Collected information on portable trailer systems from different vendors
  - Prepared a technical memorandum to summarize the research results on existing portable systems
- Held kickoff meeting on 9/18/03
  - Presented research results
  - Coordinated site demo for Mn/DOT's portable system and Wavetronix's newly developed traffic sensor
  - Organized a site visit to the Mn/DOT Non-Intrusive Technologies test shelter
  - Prepared meeting minutes
- Helped update project progress on the PNITDS website  
(<http://www.dot.state.mn.us/guidestar/projects/pnits.html>)

## Product Available:

- Kickoff meeting minutes
- Report summarizing existing systems

## Planned Activities (October 1, 2003 through December 30, 2003):

- Gather potential participating sensor information and develop a sensor specification matrix
- Develop design plan sheets for the pole mounting system
- Develop PNITDS test plan
- Fabricate pole mounting system
- Finish test plan draft and send to the team for review
- Receive comments and finalize the test plan
- Start field test
- Schedule the monthly and quarterly status report and team meetings
- Continue to update project progress report on the project website