

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

Project Title: Providing a Real-Time Evaluation of the Columbus Metropolitan Freeway Management System Administrative Contact: Jason Bittner WisDOT Technical Contact: Nina McLawhorn Approved by COR/Steering Committee: Project Investigator (agency & contact): Ohio State University, Benjamin Coifman	Project ID: 04-02 Sponsor: MRUTC Approved Starting Date: October 1, 2003 Approved Ending Date: May 1, 2005
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Description: The work covered in this project will extend the evaluation for ODOT by providing a continuous, real time system to present various performance measures of the Columbus Metropolitan Freeway Management System (CMFMS). Such an extension should help optimize transportation investment by reducing peak demands on the system while educating the wide range of users.

Task 1: develop the necessary data fusion tools to merge these diverse data sources in real time, exploit the specific strengths of a given source, and address any discrepancies between conflicting data sources.

Task 2: produce and provide meaningful information for travelers.

Task 3: produce tools to automatically extract data useful to practitioners, employing the same philosophy behind the Freeway Performance Measurement System (PeMS).

Task 4: develop a tool to provide the archived loop detector data to researchers.

Total study budget	Expenditures for current quarter	Total Expenditures to date
\$98,467	\$19,536	\$88,473

Percent Complete: 95%

Progress This Quarter:

Worked to improve the speed and user friendliness of the web interface and submitted the draft final report for review.

Work Next Quarter:

Take comments and make any needed revisions and print final report.

Circumstances affecting progress/budget:

Please attach Gantt chart

<u>Month</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
task 1	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX		
task 2						XX	XX	XX	XX	XX	XX	XX
task 3	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
task 4						XX	XX	XX	XX	XX	XX	XX