

OHIO DEPARTMENT OF TRANSPORTATION QUARTERLY RESEARCH REPORT



For Quarter Ending: June 30, 2008

Date Submitted: July 31, 2008

Project Title: Monitoring and Modeling of Pavement Response and Performance

Research Agency: Ohio University

Principal Investigator(s): Shad Sargand, J. Ludwig Figueroa

State Job No.: 134287(0)

Agreement No.: 21182

Federal Contract No.: TPF-5(121)

Project Start Date: May 1, 2006

Contract Funds Approved: \$1,379,372.06

Project Completion Date: May 1, 2012

Spent and Encumbered To Date: \$832,313.24

60.3% Funds Expended

35% Work Done

35% Time Expired

List the Technical Liaisons and other individuals who should receive copies of this report: Roger Green, Aric Morse

SUMMARY OF PROGRESS FOR QUARTER

- Continued to collect TDR, temperature and weather station data from WAY30, DEL23 and NY I86
- Collected environmental effects data from DEL23 test section in June.
- Conducted FWD testing on NYI86 test section in May.
- Conducted FWD and Truck testing on WAY 30 test section in May

- Conducted MIT scan-2 (Magnetic Image testing) on the dowel bar test sections on US30. Results will be reported back to ODOT.
- Completed testing of asphaltic materials from NY I86
- Completed testing concrete and asphalt samples from DEL23 site.

PROPOSED WORK FOR NEW QUARTER:

- Continue collecting environmental data from DEL23, WAY30, and NY I86, including weather (all sites) and LVDT and vibrating wire data (as made available with solar power, and not on I86 westbound)
- Collect dynamic truck data from DEL23 test section in the late summer early fall.
- Analyze data collected in previous quarter.

IMPLEMENTATION (if any):

None

PROBLEMS & RECOMMENDED SOLUTIONS (if applicable):

None

EQUIPMENT PURCHASED (if any):

None

CONTACTS & MEETINGS (if any):

None