

OHIO DEPARTMENT OF TRANSPORTATION QUARTERLY RESEARCH REPORT



For Quarter Ending: March 31, 2008

Date Submitted: May 1, 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: \$1,353,232.08

Project Completion Date: May 1, 2011 (or 2012)

Spent and Encumbered To Date: \$727,749.92

53.8% Funds Expended

30% Work Done

38% 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.
- Collected environmental effects data from DEL23 test section in early March.
- 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 environmental effects data from DEL23 test section in the spring with data loggers.
- Conduct truck testing in the spring or early summer on the WAY30, DEL23, and NYI86 test sections.
- Conduct MIT scan-2 (Magnetic Image testing) on the dowel bar test sections on US30. Results will be reported back to ODOT.

IMPLEMENTATION (if any):

None

PROBLEMS & RECOMMENDED SOLUTIONS (if applicable):

- It has also been noted that the first page of the contract gives the project duration as 6 years, but incorrectly lists the completion date as May 1, 2011, after only five years. This appears to be a typographical error and should be corrected to May 1, 2012.

EQUIPMENT PURCHASED (if any):

None

CONTACTS & MEETINGS (if any):

None