

OHIO DEPARTMENT OF TRANSPORTATION QUARTERLY RESEARCH REPORT



For Quarter Ending: June 30, 2011

Date Submitted: July 15, 2011

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: \$1,584,958.06

Project Completion Date: May 1, 2012 (72 months)

Spent and Encumbered To Date: \$1,481,839.40

93.5% Funds Expended

85% Work Done

86.0% Time Expired (59 months)

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

SUMMARY OF PROGRESS FOR QUARTER

- Continued writing truck response portion of report
- Conducted FWD and Forensic Investigations on I490

PROPOSED WORK FOR NEW QUARTER:

- Collect data on I490, I90, and I86 using FWD.
- Conduct controlled load tests on I90

- Continue to collect weather station data and environmental response data in NY.

IMPLEMENTATION (if any):

None

PROBLEMS & RECOMMENDED SOLUTIONS (if applicable):

The FWD broke during the spring measurements on I490. The device is being repaired and the remaining FWD data will be collected afterwards.

EQUIPMENT PURCHASED (if any):

CONTACTS & MEETINGS (if any):

The principal investigator met with Juliàn Bendaña of NYSDOT on June 20.