

# OHIO DEPARTMENT OF TRANSPORTATION QUARTERLY RESEARCH REPORT



**For Quarter Ending:** September 30, 2011

**Date Submitted:** October 31, 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:** \$1,512,323.29

95.4% Funds Expended

90% Work Done

90.2% Time Expired (65 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 and preparing final report
- Collected FWD and site condition surveys on 186 test sites

## PROPOSED WORK FOR NEW QUARTER:

- Continue writing and preparing final report

- Collect data on I90, using FWD.
- Conduct controlled load tests on I90
- Collect weather station data and environmental response data on I90 NY.

**IMPLEMENTATION (if any):**

None

**PROBLEMS & RECOMMENDED SOLUTIONS (if applicable):**

Delays in construction on the I90 site have prevented us from collecting data

**EQUIPMENT PURCHASED (if any):**

**CONTACTS & MEETINGS (if any):**

Progress presentation at ODOT Oct. 4 with Shad Sargand and Sam Khoury from ORITE, and Wes Yang of NYSDOT participating by telephone.