

OHIO DEPARTMENT OF TRANSPORTATION
QUARTERLY RESEARCH REPORT

For Quarter Ending December 30, 2004

Date Submitted:

Project: Truck/Pavement/Economic Modeling and In-Situ Field Test Data Analysis Applications

Research Agency: Ohio University

Principal Investigator(s): Dr. Shad Sargand and William Edwards

NCP No: _____

State Job No.: 14770(0)

Contract No.: 10212

Project Start Date: February 9, 2001 Contract Funds Approved: \$ 562,774

Project Completion Date: February 9, 2006 Spent To Date: \$452,055

80 % Funds Expended _83%_ Work Done _76_ % Time Expired

List the Technical Liaisons and other individuals who should receive copies of this report: Karen Pannell

SUMMARY OF PROGRESS FOR QUARTER:

- Completed approximately 90% of preliminary report analyzing data collected from Interstate 490.
- Received some comments from TRB Drainage Committee on transcripts of proceedings from workshop on "Removing Water from within Pavement Structures". Incorporating those comments.
- Analysis of data for stiffness and modeling is 70% complete.
- Completed approximately 40% of draft final report.
- Conducted second round of non-destructive testing on I-86 (FWD).

PROPOSED WORK FOR NEW QUARTER:

- Continue analysis of data for stiffness and modeling.
- Purchase additional sensors for I-86 in New York.
- Analyze additional data obtained from non-destructive testing of I-490 to be included in preliminary report.
- Complete and submit preliminary report on data collected from I-490.
- Analyze data collected on forensic study of I-86
- Continue working on final draft report.

IMPLEMENTATION:

PROBLEMS (if any):

EQUIPMENT PURCHASED (if any):

- Weather Station for I-86
- LVDTs for I-86

