

# **QUARTERLY RESEARCH REPORT**

**Quarter Ending: April 30, 2006**

Pooled Funds Study No.: TPF-5(113)

Project Title: Load Rating of Reinforced Concrete Bridges by Load Tests

Research Agency: Drexel University Intelligent Infrastructure Institute

## **SUMMARY OF PROGRESS FOR THIS QUARTER:**

1. Developed load ratings based on the results of the load tests
2. Developing training manuals
3. Formulating and writing the final report for the two load tests

## **PROPOSED WORK FOR NEW QUARTER:**

1. Submit final report for review and comment
2. Make changes to the final report as per review from FHWA
3. Conduct validation experiments in laboratory for wireless data acquisition system hardware.
4. Complete training manuals

## **IMPLEMENTATION:**

NA

## **PROBLEMS AND RECOMMENDED SOLUTIONS:**

1. Wireless data acquisition system delivery made late in quarter 3 so validation will proceed into the next quarter covering May-July 2006.

## **EQUIPMENT PURCHASED:**

NA

## **CONTACTS AND MEETINGS:**

1. Present preliminary findings to WVDOT at Charleston, WV. 2/21/2006
2. Meet with FHWA staff at Drexel University to discuss Falling Weight Technology and future load testing. 4/4/2006