

**State of Wisconsin/Department of Transportation**  
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: December 31, 2007

<b>Program: SPR-0010(36) FFY99</b>	<b>Part: II Research and Development</b>
<b>Project Title: Portland Cement Concrete Pavement Over Rubblized PCC</b>	<b>Project ID: 0092-00-11</b>
<b>Administrative Contact: Nikki Hatch</b>	<b>Sponsor: Wisconsin Department of Transportation</b>
<b>WisDOT Technical Contact: James Parry</b>	<b>Approved Starting Date: Mar 28, 2000</b>
<b>Approved by COR/Steering Committee: \$39,857</b>	<b>Approved Ending Date: Sep 30, 2007</b>
<b>Project Investigator (agency &amp; contact): Marquette University, James A. Crovetti</b>	

**Percent Complete: 99**

**Request a No Cost Time Extension (Please Select One):**  YES  NO

**Project Description:**

This project is investigating the feasibility of placing PCC pavements over rubblized PCC pavements with or without interlayers. Finite element analyses of PCC pavement systems were conducted to investigate the contributions of rubblized PCC base layers of variable stiffness to stress reductions in the PCC surface layer under loadings. Field investigations of constructed test sections were also completed to document performance results and to validate the results of computer modeling.

**Progress This Quarter:**

(Includes project committee mtgs, work plan status, contract status, significant progress, etc.)

The draft final report was prepared for submission to the Rigid Pavement TOC for review and comment. This report includes an analysis of existing concrete pavements over rubblized PCC base layers and recommendations for parameters suitable for use in the design of pavements of this type.

**Work Next Quarter:**

A presentation at the next rigid pavement TOC meeting will be given to highlight study findings. Review comments received by TOC members will be incorporated into the final project report, which will be submitted prior to March 31, 2008.