

**State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: June 30, 2005**

Part: II Research and Development	
Program: SPR-0010(36) FFY99	
Project Title: Development of Rational Overlay Design Procedures for Flexible Pavements	Project ID: 0092-00-05
Administrative Contact: Nina McLawhorn	Sponsor: WHRP
WisDOT Technical Contact: Leonard Makowski	Approved Starting Date: Dec 15, 1999
Approved by COR/Steering Committee:	Approved Ending Date: July 31, 2005
Project Investigator (agency & contact): Marquette University, James A. Crovetti	

Percent Complete: 95%

Project Description:

This project is investigating new methods for the design of HMA overlays of existing HMA pavements, which are suitable for inclusion into the WisDOT Facilities Development Manual (FDM). Methods being developed are based on the structural number concept which is the current design methodology used by WisDOT for HMA pavement design. The new overlay design methods will take advantage of readily obtainable surface deflection data which can be used to estimate the effective structural number of the in situ HMA pavement.

Progress This Quarter:

(Includes project committee mtgs, work plan status, contract status, significant progress, etc.)
The draft final report was submitted to the flexible pavement TOC for review.

Work Next Quarter:

A revised final report will be prepared and submitted based on comments received.

Circumstances affecting progress/budget:

None