

## Midwest Regional University Transportation Center

RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: March 31, 2005

<b>Project Title:</b> Accelerated Construction Decision-Making Process for Bridges		<b>Project ID:</b> 05-04
<b>Administrative Contact:</b> Jason Bittner	<b>Sponsor:</b> MRUTC	
<b>WisDOT Technical Contact:</b> Nina McLawhorn	<b>Approved Starting Date:</b> Oct. 2004	
<b>Approved by COR/Steering Committee:</b>	<b>Approved Ending Date:</b> Sep. 2005	
<b>Project Investigator (agency &amp; contact):</b> University of Cincinnati, Dr. Sam Salem		

**Description:** The research team is proposing a model for evaluating the factors affecting accelerated bridge construction decisions in State DOTs based on specific project conditions. The model will focus on the factors that affect the decision making process but yet are not considered by policy makers and not reflected by policies. Determining these factors and their effects on the decision making process will help policy makers eliminate or reduce the negative impacts of these factors on accelerated construction decisions.

Total study budget	Expenditures for current quarter	Total Expenditures to date
69,194	14,086.46	24,565.53

**Percent Complete:** 40 %

**Progress this Quarter:**

1. Observed the construction of three accelerated bridge construction projects in Ohio.
2. Made amends to the preliminary Questionnaire which was prepared in the last quarter and developed the final questionnaire on the basis of discussions held with experts and DOT personnel.
3. Studied the socio-economic impacts of accelerated construction.

