

Technical Report Documentation Page

1. Report No. RC-1545	2. Government Accession No.	3. MDOT Project Manager Niles Annelin	
4. Title and Subtitle Michigan Ohio University Transportation Center Subtitle: "Transportation Informatics: Advanced Image Processing Techniques for Automated Pavement Distress Evaluation"		5. Report Date September 2010	
		6. Performing Organization Code	
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9. Performing Organization Name and Address Michigan Ohio University Transportation Center University of Detroit Mercy, Detroit, MI 48221 and University of Detroit Mercy, Detroit, MI 48221		10. Work Unit No. (TRAIS)	
		11. Contract No. 2007-0538	
		11(a). Authorization No.	
12. Sponsoring Agency Name and Address Michigan Department of Transportation Van Wagoner Building, 425 West Ottawa P. O. Box 30050, Lansing, Michigan 48909		13. Type of Report & Period Covered Research, January 2009- April 2010	
		14. Sponsoring Agency Code	
15. Supplementary Notes Additional Sponsors: US DOT Research & Innovative Technology Administration, University of Detroit Mercy			
16. Abstract MIOH UTC TS18p2 2011-Final-UDM Pavement condition assessment is a critical part of infrastructure management. Methods to reduce the time required to collect and analyze the data or to reduce the subjectivity in the interpretation of the data could be beneficial to parties responsible for the management of pavement structures. Two methods have been proposed, each of which addresses one of the limitations of the existing methods of pavement condition assessment. The first method is the development of a computerized interface and database for pavement condition assessment from digital photographs. The intent of using digital photographs rather than a windshield survey for data collection is to allow easier identification of conditions and re-evaluation in the event of discrepancies among results obtained by individual inspectors. The second method is to apply image processing techniques to the pavement condition assessment process from digital photographs. The intent of using digital photographs and image processing techniques is to automate the pavement condition assessment process, thereby removing the subjective nature of manual assessment. The researchers at the University of Detroit Mercy developed a computer interface which allows the user to review digital photographs from Google Earth, identify defects present.			
17. Key Words Informatics, Infrastructure, Aging infrastructure, Intermodal terminals, Asset management, Rehabilitation (Maintenance), Image analysis, Pavement maintenance		18. Distribution Statement No restrictions. This document is available to the public through the Michigan Department of Transportation.	
19. Security Classification - report	20. Security Classification - page	21. No. of Pages 14	22. Price