

PAVEMENT CONDITION RATING SYSTEM

REVIEW OF PCR METHODOLOGY

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Prepared by



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16. Abstract <p>This report describes the Pavement Condition Rating method which was developed for the State of Ohio Highway Network. The method is based upon visual inspection of pavement distresses. Although the relationship between pavement distresses and performance is not well defined, there is general agreement that the ability of a pavement to sustain traffic loads in a safe and smooth manner is adversely affected by the occurrence of observable distress. The rating method described in this report provides a procedure for uniformly identifying and describing, in terms of severity and extent, pavement distress. The mathematical expression for pavement condition rating (PCR) provides an index reflecting the composite effects of various distress types, their severity and extent upon the overall condition of the pavement.</p> <p>Distresses of four (4) types of Pavements (Flexible, Composite, Jointed Concrete and Continuously Reinforced or CRC) are described in this report and each distress is illustrated with the help of photographs.</p>			
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