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Pavement Evaluation Measures

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Chapter 8: Evaluation of Pavement Structural Capacity 8.1 Basic Considerations; 8.2 Nondestructive Measurement and Analysis; 8.3 Destructive Structural Evaluation; 8.4 Structural Capacity Index Concepts; 8.5 Network versus Project Level Applications of Structural Capacity Evaluation; Chapter 9: Evaluation of Pavement Surface Distress Condition Surveys; 9.1 Purposes of Surface Distress Surveys; 9.2 Manual Methods for Distress Surveys; 9.3 Automated Survey Methods; 9.4 Types of Distress; 9.5 Examples of Distress Survey Procedures; 9.6 Equipment for Distress Evaluation

9.7 Summary of Pavement Distress Scores Used by State DOTs 9.8 Example Equipment: Fugro, Roadware-ARAN; 9.9 Example Equipment: Service Provider-Pathway Services Inc.; 9.10 Application of Distress Data; Chapter 10: Evaluation of Pavement Safety; 10.1 Major Safety Components; 10.2 Skid Resistance Evaluation; 10.3 Basic Concepts of Skid Resistance and the Importance of Pavement Texture; 10.4 Methods of Measuring and Reporting Skid Resistance; 10.5 Change of Skid Resistance with Time, Traffic, and Climate (Weather/Season); 10.6 Including Friction Management in a Pavement Management System

Chapter 11: Combined Measures of Pavement Quality
