



# ROADSIDE DESIGN GUIDE

4<sup>th</sup> Edition 2011

AMERICAN ASSOCIATION OF  
STATE HIGHWAY AND  
TRANSPORTATION OFFICIALS  
**AASHTO**  
FOR THE BENEFIT OF THE PUBLIC

# Aashto Roadside Design Guide 10

**David Baud**



## **Aashto Roadside Design Guide 10:**

**Roadside Design Guide** American Association of State Highway and Transportation Officials. Task Force for Roadside Safety, 2011 The Roadside Design Guide presents a synthesis of current information and operating practices related to roadside safety and is written in dual units metric and U S Customary This book is a guide It is not a standard nor is it a design policy It is intended to use as a resource document from which individual highway agencies can develop standards and policies Although much of the material in the guide can be considered universal in its application several recommendations are subjective in nature and may need modification to fit local conditions However it is important that significant deviations from the guide be based on operational experience and objective analysis The 2011 edition of the AASHTO Roadside Design Guide has been updated to include hardware that has met the evaluation criteria contained in the National Cooperative Highway Research Program NCHRP Report 350 Recommended Procedures for the Safety Performance Evaluation of Highway Features and begins to detail the most current evaluation criteria contained under the Manual for Assessing Safety Hardware 2009 MASH For the most part roadside hardware tested and accepted under older guidelines that are no longer applicable has not been excluded in this edition AASHTO website [Standards and Guides for Traffic Controls for Street and Highway Construction, Maintenance, Utility, and Incident Management Operations](#) ,1993 Contains standards for signage and control devices regulatory warning and guide for all types of roads expressways freeways Special sections include recreational school construction maintenance and more [Part VI, Standards and Guides for Traffic Controls for Street and Highway Construction, Maintenance, Utility, and Incident Management Operations](#) ,1993

**Research & Technology Transporter** ,1991 *Design and Testing of Roadside Safety Devices* National Research Council (U.S.). Transportation Research Board,1989 **Safe and Aesthetic Design of Urban Roadside Treatments** Karen Dixon,National Cooperative Highway Research Program,2008 TRB s National Cooperative Highway Research Program NCHRP Report 612 Safe and Aesthetic Design of Urban Roadside Treatments explores recommended design guidelines for safe and aesthetic roadside treatments in urban areas The report also examines a toolbox of roadside treatments designed to balance pedestrian bicyclist and motorist safety and mobility **Route 5 Corridor, MHTD Project No.J5PO694** ,1997

**Federal Register** ,1987 [A Policy on Design Standards--interstate System](#) ,2005 **Transportation Research Record** ,2002 For more than 50 years the Transportation Research Record has been internationally recognized as one of the preeminent peer reviewed journals for transportation research papers from authors in the United States and from around the world One of the most cited transportation journals the TRR offers unparalleled depth and breadth in the coverage of transportation topics from both academic and practitioner perspectives All modes of passenger and freight transportation are addressed in papers covering a wide array of disciplines including policy planning administration economics and financing operations construction design maintenance safety and more Publisher s website **Speed Harmonization and**

**Peak-period Shoulder Use to Manage Urban Freeway Congestion** ,2009      **Traffic Control Devices Handbook 2001**

James L. Pline,2001      *Summary of Progress - National Cooperative Highway Research Program* National Cooperative Highway Research Program,2004      Severity Indices for Roadside Features Daniel S. Turner,Jerome W. Hall,1994 This synthesis will be of interest to highway administrators safety officials design engineers traffic engineers and analysts who are concerned with improving highway safety Severity indices which serve as indicators of the expected injury consequences of a crash are an integral part of the analysis of proposed roadside safety improvements Severity indices that have been developed by many states and research agencies are described as are the issues associated with developing the values and applying and evaluating the indices The history of severity indices the issues associated with estimating accident severity and associated costs and the range of indices that have been developed are described This publication of the Transportation Research Board also discusses the relationship of accident severity indices with the American Association of State Highway and Transportation Officials AASHTO Roadside Design Guide and the Federal Highway Administration FHWA ROADSIDE computer program While research since the 1960s has sought to quantify severity indices for a range of object types and impact conditions there remains a wide variation in the values from which analysts may choose when performing cost effectiveness evaluations      *A Guide to Best Practices for Achieving Context Sensitive Solutions* Timothy R. Neuman,2002

*Code of Federal Regulations, Title 25, Indians, PT. 1-299, Revised as of April 1, 2015* U S Office of the Federal Register,2015-06-30      *Code of Federal Regulations* Department of the Interior (DoI) Staff,2005 The Code of Federal Regulations is a codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the United States Federal Government      **Code of Federal Regulations** National Archives and Records Administration Staff,2005-07 The Code of Federal Regulations is a codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the United States Federal Government

**Take Back Your Streets** Stephen H. Burrington,Veronika Thiebach,1998      **Practice Problems for the Civil Engineering PE Exam** Michael R. Lindeburg,2003 More than 430 practice problems with solutions Updated with new codes and standards tested on the exam

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