

Road Design

MANUAL



DEPARTMENT OF
TRANSPORTATION

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MnDOT ROAD DESIGN MANUAL

PREFACE

The Road Design Manual establishes uniform policies and procedures for the Minnesota Department of Transportation. The design criteria herein may also be applicable on the broader highway and street system within the state, subject to the judgment of individual localities as well as to other governing criteria.

The policy and criteria in this manual are largely adapted from the AASHTO publication, "A Policy on Geometric Design of Highways and Streets," which itself has been adopted as the design standard for the National Highway System by the Federal Highway Administration. That said, this manual is not intended as a legal standard. Rather, it presents vital engineering information normally required in the design of a new or reconstructed facility. It must be integrated with engineering judgment and balanced with social, economic and environmental factors to yield appropriate designs suitable for unique circumstances.

Each page contains the issue date in the inside upper corner and the page number in the outside upper corner. Pages are numbered consecutively through each major section.

Revisions will be provided to all holders of the manual accompanied by a numbered transmittal letter. The number of the transmittal letter should be recorded in the Transmittal Record Sheet in the front of the manual. Revised chapter indexes will be issued as necessary.

The Road Design Manual was originally issued as the Design Manual by the Department of Highways in 1961 and completely revised and republished by MnDOT in 1982.

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