

ITE Institute of Transportation Engineers

**Freeway and Interchange**

GEOMETRIC DESIGN HANDBOOK

Principal Author: Joel P. Leisch, P.E.  
Senior Editor: John M. Mason Jr., Ph.D., P.E.

# Freeway and Interchange GEOMETRIC DESIGN HANDBOOK

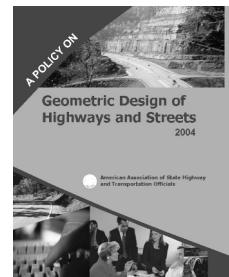
This handbook presents the fundamental concepts and practices related to freeway and interchange geometric design commensurate with the state-of-the-art. While it is recognized that geometric design procedures for freeways and interchanges may vary among various agencies, this handbook sets forth the techniques and procedures successfully applied on numerous constructed or reconstructed projects. The handbook focuses on geometric and operational characteristics of freeways and interchanges including toll facilities and HOV/managed lanes. This handbook is the first in a series of three geometric design handbooks to be published by ITE. The others will focus on rural and urban geometric design.



**ITE's Freeway and Interchange Geometric Design Handbook is a companion to AASHTO's  
A Policy on Geometric Design of Highways and Streets, 5th Edition (Greenbook).**

**Order both books and save now.**

This fifth edition of AASHTO's "Greenbook" contains the latest design practices in universal use as the standard for highway geometric design and has been updated to reflect the latest research on superelevation and side friction factors as presented in NCHRP Report 439. New exhibits in Chapter 3 will help designers to quickly and accurately determine the side friction factor used for horizontal curve design, the superelevation rates for various curve radii, and the minimum radii with normal crown for each of the five maximum superelevation rates.



Please call Ken Wallington at +1 202-289-0222 ext. 130 or Sallie Dollins at ext. 149 for special pricing on the purchase of 5 or more copies.

QTY.	TITLE OR ITEM	PUBL. NO.	UNIT PRICE Member (Nonmember)	SUBTOTAL
	<b>NEW! Freeway and Interchange Geometric Design Handbook</b>	TB-017	\$95 (\$125)	\$
	A Policy on Geometric Design of Highways and Streets, 5th Edition	LP-323C	\$120 (\$145)	\$
	A Policy on Geometric Design of Highways and Streets, 5th Edition (CD-ROM)	CD-014A	\$192 (\$217)	\$
	<b>SET: Freeway and Interchange GDH and AASHTO Greenbook (<b>Savings of \$30</b>)</b>	GP-003	\$185 (\$240)	\$
	<b>SET: Freeway and Interchange GDH and AASHTO Greenbook CD-ROM (<b>Savings of \$50</b>)</b>	GP-004	\$237 (\$292)	\$
<b>CANADIAN ORDERS ONLY:</b> Add 7% goods and services tax BEFORE shipping/handling. (GST Registration Number R 130 188 667)				
<b>REGULAR SHIPPING:</b> U.S. and Canada: Add 12% of the subtotal (minimum US\$7); Outside U.S. and Canada: Add 17% of the subtotal (minimum US\$12).				
<b>EXPEDITED SHIPPING (U.S. and Canada):</b> Sent same day via next day air. <b>ADD US\$35</b> to regular shipping/handling charges noted above.				
<b>EXPEDITED SHIPPING (Outside U.S. and Canada):</b> Various shipping methods are available. Contact the ITE Publications Department for a shipping quotation.				
<b>TOTAL</b>				\$

Name \_\_\_\_\_

Payment: Prepayment is required. Make check payable to ITE or provide credit card information (MasterCard, Visa, or American Express). Purchase orders are accepted; send with order. Prices subject to change without notice.

Title \_\_\_\_\_

Purchase Order/Check for \$ \_\_\_\_\_ enclosed.  
(Send with order.)

Agency or Firm \_\_\_\_\_

Charge my:  MasterCard  Visa  American Express

Address \_\_\_\_\_

Cardholder's Name \_\_\_\_\_

City \_\_\_\_\_ State or Province \_\_\_\_\_ Postal Code \_\_\_\_\_

Signature \_\_\_\_\_

Country \_\_\_\_\_

Card Number \_\_\_\_\_

Telephone Number \_\_\_\_\_ Fax Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

**Hurry and fax your order to ITE today at +1 202-289-7722.**

W121905