

CRS Library Catalogue

April 2013

This list contains important contemporary references but is not exhaustive.
Please consult CRS (info@roadsafety.org.hk) for your particular subject of interest.

Transport Planning and Design Manual (TPDM), Hong Kong

Accessible through e-library of HKU

<http://ebook.lib.hku.hk/HKG/B35821449V4.pdf>

Change the number after "V" in the link to access the desired volume

Design Manual for Roads and Bridges (DMRB), United Kingdom

<http://www.dft.gov.uk/ha/standards/dmrb/>

Traffic Signs Manual, United Kingdom

<https://www.gov.uk/government/publications/traffic-signs-manual>

Principal French Design Guidelines

National Instructions on Technical Design Requirements for Rural Motorways

http://www.setra.equipement.gouv.fr/IMG/pdf/US_ICTAAL_GB.pdf

The Design of Interurban Intersections on Major Roads – At-grade intersections

http://www.setra.equipement.gouv.fr/IMG/pdf/US_ACI-P_GB.pdf

Recommandations Techniques pour la Conception Générale et la Géométrie de la Route:
Aménagement des Routes Principales (The Design of Major Rural Highways)

[*available in CRS library*](#)

Signing bends

Improving the safety of bends on major rural roads

http://www.setra.equipement.gouv.fr/IMG/pdf/US_0929A_Signing_bends_Traffic_signing.pdf

http://www.setra.equipement.gouv.fr/IMG/pdf/US_0927A_Improving_the_safety_of_bends.pdf

Recommandations pour la Conception des Tunnels Urbains a Gabarit Réduit (RECTUR) 1995 (Low Headroom Tunnels)

[*available in CRS library*](#)

Road Safety Audit

World Road Association - Road safety audit guideline for safety checks of new road projects

<http://www.piarc.org/en/order-library/6851-en-Road%20safety%20audit%20guideline%20for%20safety%20checks%20of%20new%20road%20projects.htm>

Practical Road Safety Auditing 2008

[*available in CRS library*](#)

Road Safety Audit, CIHT 2008

[*available in CRS library*](#)

Collision Investigation and Analysis

La sécurité routière dans les plan de déplacements urbains: approche et méthode (Road safety for urban roads :
approach and method)

[*available in CRS library*](#)

Sécurité des déplacements en agglomération – Guide méthodologique (Road safety for community travels –
Guidelines)

[available in CRS library](#)

Traffic Signs, Directional Signs, Road Markings

The Design and Use of Directional Informatory Signs, UK 1994

[available in CRS library](#)

Instructions relative a la Signalisation de Direction sur les Autoroutes et Routes Express 1995

[available in CRS library](#)

Signalisation de Reperage: Signalisation d'Animation 2001

[available in CRS library](#)

* Many more design manuals and guidelines from France, Germany and the Netherlands are available in the CRS library

Variable Message Signs/Traffic Control and Surveillance/ITS

TD 33/05 The Use Of Variable Message Signs On All-Purpose And Motorway Trunk Roads, UK, 2005

<http://www.dft.gov.uk/ha/standards/dmrb/vol8/section2/td3305.pdf>

TA 83/05 Guide To The Use Of Variable Message Signs For Strategic Traffic Management On Trunk Roads And Trunk Road Motorways, UK, 2005

<http://www.dft.gov.uk/ha/standards/dmrb/vol9/section4/ta8305.pdf>

Variable messages signs in the urban and peri-urban environment, France 2010

<http://www.certu-catalogue.fr/variable-messages-signs-in-the-urban-and-peri-urban-environment.html>

Panneaux de Signalisation à Messages Variables (Variable Message Signs) 1994

[available in CRS library](#)

Fermeture des Tunnels Routiers (Closure of Road Tunnels) 2002

http://www.cetu.developpement-durable.gouv.fr/IMG/pdf/Fermeture_tunnels_routiers_cle1ab1de.pdf

Highway Design, Speed Limits

NSW Speed Zoning Guidelines, Australia 2009

<http://ols2.rta.nsw.gov.au/ebus/docs/rescat/pdf/10/1179/45094834spdzoneguide0409.pdf>

Safety Barriers, Forgiving Roadside, Passive Safety

Highways Department Hong Kong

- ✧ HQ/GN/10 Guidelines for Design of End-details of Thrie-beam Barrier Fence 2007
- ✧ Supplementary Guidelines for Design of End-details of W-beam and Concrete Profile Barriers 2007
- ✧ RD/GN/034A Guidance Notes On Installation Of Barriers at Emergency Crossing and Contingency Crossing In Central Divider of Dual Carriageway 2010

http://www.hyd.gov.hk/eng/public/publications/guidance_notes/index.htm#Guideline

Roadside Design Guide, AASHTO 2002

[available in CRS library](#)

Requirements for Road Restraint Systems (TD 19/06)

<http://www.dft.gov.uk/ha/standards/dmrb/vol2/section2/td1906.pdf>

Designing Safer Roadsides A Handbook for Highway Engineers 2008

[available in CRS library](#)

Passive Safety for Lower Hierarchy Roads

Design & Maintenance Guidance for Local Authority Roads - Provision of Road Restraint Systems on Local Authority Roads, *UK Roads Liaison Group & Department for Transport, UK, October 2011*
<http://www.ukroadsliasongroup.org/en/utilities/document-summary.cfm?docid=5803F825-EFC0-4858-B2A75D0DCE3382A9> (Use the "Active" version)

Passive Safety UK Guidelines for Specification and Use of Passively Safe Street Furniture on the UK Road Network
Passive Safety UK in association with Traffic Engineering & Control, April 2010
<http://www.ukroads.org/webfiles/Guidelines%20Print%20ready.pdf>

The Use of Passively Safe Signposts and Lighting Columns
CSS & TRL, UK 2008
<https://www.theilp.org.uk/documents/css-sl4-passive-safety/>

Sign Structures Guide - Support Design for Permanent UK Traffic Signs to BS EN12899-1:2007 and Structural Eurocodes
Institute of Highway Engineers, UK, September 2010
<http://www.theihe.org/knowledge-network/traffic-sign-design/resources-1/>

Accidents involving Obstacles in Urban Environment : Reducing Accident Numbers and Severity
CERTU, France 2005
Document attached (www.certu.fr , need to register for free publications in English) , available at CRS Library

Pedestrian Safety, Traffic Calming, Street Design

Pedestrian Facilities: Engineering and Geometric Design, 2010
[available in CRS library](#)

Manual for Street 2007
<http://assets.dft.gov.uk/publications/manual-for-streets/pdfmanforstreets.pdf>

Manual for Streets 2 2010
<http://www.ciht.org.uk/en/publications/index.cfm/manual-for-streets-2--wider-application-of-the-principles-2010> (to be purchased online)

Traffic Calming 2007
<http://assets.dft.gov.uk/publications/local-transport-notes/ltn-1-07.pdf>

Mixed Priority Routes : Practitioners' Guide 2008
<http://assets.dft.gov.uk/publications/local-transport-notes/ltn-3-08.pdf>

Traffic and Streetscape 2008
<http://assets.dft.gov.uk/publications/local-transport-notes/ltn-1-08.pdf>

Pedestrian Guardrailing 2010
<http://assets.dft.gov.uk/publications/local-transport-notes/ltn-2-09.pdf>

Shared Space 2011
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/3873/ltn-1-11.pdf

Traffic Calming Measures for Bus Routes 2005
<http://www.tfl.gov.uk/assets/downloads/businessandpartners/trafficalmingmeasuresleaflet-rev-final.pdf>

40 km/h speed limits in high volume pedestrian areas: A guide to identifying and implementing 40 km/h speed limits in high volume pedestrian areas, Australia
<http://catalogue.nla.gov.au/Record/3479710>
[http://144.140.79.192/dir141/webpapr.nsf/7bf12a69eec7c7d94a2563cd00066e78/00b832f938783930ca2572cd0023c7d0/\\$FILE/40kmh%20High%20Pedestrian%20Activity%20Area%20Guidelines%20\(Jul06\).pdf](http://144.140.79.192/dir141/webpapr.nsf/7bf12a69eec7c7d94a2563cd00066e78/00b832f938783930ca2572cd0023c7d0/$FILE/40kmh%20High%20Pedestrian%20Activity%20Area%20Guidelines%20(Jul06).pdf)

40km/h HPAA Fact Sheet, Australia, 2012

http://www.rta.nsw.gov.au/roadsafety/downloads/40kmhzone_factsheet.pdf

The Cross-section, A Sharing Tool for Urban Roads 2012

<http://www.certu-catalogue.fr/voirie-et-espace-public/usage-de-la-voirie-et-de-l-espace-public.html>
French version available in CRS library

Zone 30 – Des Exemples a partager 2006 *Case Studies of 30km/h Zones.*

available in CRS library

Zone de Rencontre : Premier Retour d'expériences (Shared Zone: Summary of First Experience)

pending

Guide des Coussins et Plateaux 2012 (*Guidelines on Speed Cushions and Raised Tables*)

available in CRS library

Guide des Chicane et Ecluses sur Voiries Urbaines 2012 (*Guide of Chicanes and Pinch Points on Urban Streets*).

available in CRS library

L'aménagement d'une traversée d'agglomération, CERTU 2010, France (traffic calming for highway traversing urban areas) *available in CRS library*

Recommendations for Traffic Provisions in Built-up Areas ASVV, CROW Netherlands 1998
(Dutch guideline with many examples of traffic calming and traffic design criteria)

available in CRS library

Bicycle Infrastructures, Signing and Safety

Recommandations pour les itinéraires cyclables (Recommendations for bicycle routes)

available in CRS library

La signalisation des aménagements et des itinéraires cyclables (Signage for planning and itinerary of cycle routes) 2001

available in CRS library

Direction Signing for Sites of Tourism Interest

Signalisation Touristique – Guide 1992

available in CRS library

Signalisation de Repérage – Signalisation d'animation (Animation Signing) 2001

available in CRS library

Pt 2 - 6 in the DMRB V8 S2 of the UK

<http://www.dft.gov.uk/ha/standards/dmrb/vol8/section2.htm>

China : Official Standards and Design Manual

* Key documents on highway and road safety design are available in the CRS library