### STANDARDS AND GUIDELINES

#### Bridges and Culverts
- Bridge Manual: Transit New Zealand, 1994

#### Procurement
- General Conditions of Contract for Building and Civil Engineering Construction: NZS 3910, 2003
- Model Conditions of Engagement between Commercial Client and Consultant for Professional Services: ACENZ/IPENZ, 1997

#### Geometric Design

#### Maintenance Management Systems
- RAMM Road Condition Rating and Roughness Manual: Transfund New Zealand, 1997

#### Operational Management
- Code of Practice for Working in the Road, AUOG, 2004
- Overweight Permit Manual: Transit New Zealand, 1995

#### Pavement Design

#### Safety
- RSMA Compliance Standard for Traffic Signs: Transit New Zealand/ Road Safety Manufacturer’s Association, 2003
- RTS 1 – Guidelines for the Implementation of Traffic Control at Crossroads: Ministry of Transport 1990
- RTS 2 – Guidelines for Street Name Signs: Ministry of Transport, 1990
- RTS 5 – Guidelines for Rural Road Marking and Delineation: Ministry of Transport/Transit New Zealand, 1992
- RTS 6 – Guidelines for Visibility at Driveways: Ministry of Transport, 1993
RTS 7 – Advertising Signs and Road Safety: Design and Location Guidelines: Transit New Zealand/LTSA, 1993
RTS 8 – Guidelines for Safe Kerbline Protection: Transit New Zealand/LTSA, 1993
RTS 10 – Road Signs and Markings for Level Crossings, 2000
RTS 11 – Urban Roadside Barriers and Alternative Treatments: LTSA, 1995
RTS 13 – Road Safety Guidelines for Service Stations: LTSA, 1995
RTS 14 – Guidelines for Facilities for Blind and Vision Impaired Pedestrians, 2003
RTS 15 – Guidelines for Urban/Rural Speed Thresholds, 2002
RTS 17 – Guidelines for Setting Speed Limits: Ministry of Transport, 1995
RTS 18 – New Zealand on road tracking curves for heavy vehicles, Land Transport NZ, 2007
Guidelines for Planting for Road Safety: Transit New Zealand, 1991
TR11 – Recommended Practice for Pedestrian Crossings: National Roads Board, 1988
Accident Investigation Procedures: Transit New Zealand/Ministry of Transport, 1991
Safety Audit Policy and Procedures: Transit New Zealand, 1993
Speed Limits New Zealand – Guidelines for Setting Speed Limits, 2003
Road Safety Audit: AUSTROADS, 1994
Traffic Note 1 Pedestrian crossings: LTSA, September 2006
Traffic Note 2 Platforms as crossing points: LTSA, December 2004
Traffic Note 4 Land Transport New Zealand roading-related publications: LTSA, December 2004
Traffic Note 5 Road safety surveys: LTSA, June 1998
Traffic Note 6 Agreement of lane-use signs and road markings: LTSA, December 2004
Traffic Note 7 Guide to heavy vehicle management (RTS16) publish: LTSA, September 2006
Traffic Note 8 'Ice/grit' supplementary sign: LTSA, July 1998
Traffic Note 9 Railway level crossing signs and markings: LTSA, December 2004
Traffic Note 10 Trials of traffic control devices: LTSA, December 2004
Traffic Note 11 No-passing lines against flush medians: LTSA, December 2004
Traffic Note 12 Approval of reflective material for traffic signs: LTSA, December 2004
Traffic Note 14 Approved trials of traffic control devices: LTSA, September 2006
Appendix 1: Ramp metering signal trial
Appendix 2: Pedestrian crossing zigzag marking trial
Appendix 3: Active warning signs trial
Appendix 4: Pedestrian crossing warning lights
Traffic Note 15 Use of temporary speed limits for temporary hazards and special events: LTSA, July 2004
Traffic Note 16 1999 Road safety surveys: LTSA, October 1999
Traffic Note 17 Traffic control devices on private roads: LTSA, October 1999
Traffic Note 18 Traffic information signs: Black on white background: LTSA, October 1999
Traffic Note 19 Engine braking controls: LTSA, April 2005
Traffic Note 20 Truck crashes and advisory speeds: LTSA, April 2005
Traffic Note 21 Signs and markings for passing lanes: LTSA, May 2000
Traffic Note 22 New NZ/Australian road lighting standard: LTSA, May 2000
Traffic Note 23 Speed indicator devices: LTSA, May 2000
Traffic Note 24 Railway Level Crossing Guideline published: LTSA, May 2000
Road signs and markings for railway level crossings
Traffic Note 25 Retro reflective raised pavement markers: LTSA, December 2004
Traffic Note 26 Fluorescent retro-reflective traffic sign material: LTSA, January 2001
Traffic Note 27 2000 Road Safety Survey Reports: LTSA, January 2001
Traffic Note 28 Pedestrian crossings and school crossing points on roads with speed limits of 60km/h or more: LTSA, December 2004
Traffic Note 29 School crossing points ('kea crossings'): LTSA, December 2004
Traffic Note 30 Land Transport (Road User) Rule 2004: LTSA, September 2005
Traffic Note 31 Exemptions to requirements for passenger service and dangerous goods vehicles at rail level crossings: LTSA, September 2005
Traffic Note 32 Use of fluorescent material on traffic signs: LTSA, August 2001
Traffic Note 33 2001 Road Safety Survey reports: LTSA, February 2002
Traffic Note 34 Signing of steep grades: LTSA, February 2002
Traffic Note 35 Guidelines for urban-rural thresholds: LTSA, December 2004
Traffic Note 37 40km/h variable speed limits in school zones: LTSA, June 2005
Traffic Note 38 Land Transport Rule: Setting of Speed Limits 2003: LTSA, September 2005
Traffic Note 39 Over dimension permit notifications to road controlling authorities: LTSA, September 2003
Traffic Note 40 Revision of Guidelines for facilities for blind and vision-impaired pedestrians: LTSA, December 2003
Traffic Note 41 Level crossings on out of service railway lines: LTSA, June 2004
Traffic Note 42 Work sites at or near level crossings: LTSA, September 2006
Traffic Note 43 Speed limits less than 50 km/h: LTSA, June 2004
Traffic Note 44 Safe siting of school bus stops: LTSA, December 2004
Traffic Note 45 Temporary masking of traffic signs: LTSA, December 2004
Traffic Note 46 Voluntary traffic surveys: LTSA, December 2004
Traffic Note 47 Class C road classification: LTSA, December 2004
Traffic Note 48 Light vehicle sizes and dimensions: street survey results and parking space requirements: LTSA, December 2004
Traffic Note 49 Limit line and Give Way markings: LTSA, December 2004
Traffic Note 50 Marking and signing of roundabouts: LTSA, September 2005
Traffic Note 51 Parking signs and marking: LTSA, December 2004
Traffic Note 52 School traffic safety team manual: LTSA, January 2005
Traffic Note 53 Revision of guidelines for road safety audit and the treatment of crash locations: LTSA, January 2005
Traffic Note 54 Linear delineation panels: LTSA, April 2005
Traffic Note 56 Active school warning signs: NZTA, September 2008
Traffic Note 57 Active warning signs (not at schools): NZTA, September 2008
RSS 1 Traffic signal light output: LTSA, 1995/96
RSS 2 Street lighting: LTSA, 1995/96
RSS 3 Treatment of slip lanes at traffic signals: LTSA, 1995/96
RSS 4 Stop and give way controls at intersections: LTSA, 1996/97
RSS 5 Advisory speed signs: LTSA, 1996/97
RSS 6 Pedestrian crossings: LTSA, 1996/97
RSS 7 Temporary speed limits: LTSA, 1998
RSS 8 Traffic control at road works: LTSA, 1998
RSS 9 Safety management systems: LTSA, 1998
RSS 10 Skid resistance: LTSA, 1999
RSS 11 Pedestrian platforms: LTSA, 1999
RSS 12 Floodlighting pedestrian crossings: LTSA, 1999
RSS 13 No passing lines: LTSA, 2000
RSS 14 Roundabouts: LTSA, 2000
RSS 15 Roadside hazard management: LTSA, 2001
RSS 16 Road hierarchies: LTSA, 2001
RSS 17 School crossing facilities: LTSA, 2002
RSS 18 Data collection: LTSA, 2002
RSS 19 Traffic signs: LTSA, 2003
RSS 20 Vehicle entrances, stock crossing facilities and amenity carriageway surfacings: LTSA, 2004
RSS 21 Traffic calming devices: LTSA, 2004
RSS 22 Road markings: LTSA, 2004
RSS 23 Crash reduction studies and monitoring: LTSA, 2005
RSS 24 Stop and Give Way intersections: LTSA, 2005

Programme Development
Programme and Funding Manual: Transfund New Zealand, 1996

Quality Assurance
TQS1 – Quality Standard for High QA Level Contracts: Transit New Zealand, 2005
TQS2 – Quality Standard for Normal QA Level Contracts: Transit New Zealand, 2005

Safety Management System

Street Lighting
Code of Practice for Road Lighting: Section 10 – Minor Roads: NZS 6701, 1983
AS/NZS 1158.0:2005 Road lighting - Introduction
AS/NZS 1158.1.1:2005 Road lighting - Vehicular traffic (Category V) lighting - Performance and design requirements
AS/NZS 1158.1.3:1997 Road lighting - Vehicular traffic (Category V) lighting - Guide to design, installation, operation and maintenance
AS/NZS 1158.2:2005 Road lighting - Computer procedures for the calculation of light technical parameters for Category V and Category P lighting
AS/NZS 1158.3.1:2005 Road lighting - Pedestrian area (Category P) lighting - Performance and design requirements
AS/NZS 1158.6:2004 Road lighting - Lighting for roads and public spaces - Luminaires