

Cycle Design Manual – Version 1.1 (August 2026)

Summary of main changes

- Section 1.1 – text updated to reflect updates to the CDM and references to previous National Cycle Manual removed.
- Table 2.1 – additional footnote to clarify that two-way traffic flows (second column) apply to both one-way and two-way streets.
- Table 2.2 – changes as follows:
 - Text added to clarify that when calculating the inside and outside clearances, the references to kerb heights relate to kerb heights above the cycling surface.
 - Footnotes layout amended and new footnote added to highlight that shared tracks may be reduced to 2.50m in rural locations with low flows of pedestrians and cyclists.
 - In section D – Buffer Width, the heading for “Two-way cycle track” has been amended to “Two-way Cycle Track/Share Active Travel Facility”.
 - Additional note included regarding buffer widths and speed limits.
- Section 4.2.7 – guidance on widths of shared paths removed from section and designers are directed back to Table 2.2.
- Section 4.2.12 – significant amendments to the Bus Stop section including:
 - New suite of core and optional features recommended for bus stop layouts
 - Existing typical layouts for bus stops updated
 - New layouts for reduced-width island bus stops and a combined footway/island bus stop
 - New layouts for two-way cycle tracks at various bus stops
 - New guidance and typical layouts for bus stops adjacent to shared paths
- Table 4.15 (formerly Table 4.17) – Max. recommended speed limit for a road with a contraflow cycle track reduced to 50 km/h.
- Table 4.23 (formerly Table 4.19) – additional guidance on potential layouts for cycle/vehicle priority provided below table.
- Table 4.28 (formerly Table 4.24) – clarification that traffic volumes relate to peak hour volumes.

- Various images (figures) replaced throughout the manual, primarily with images of more recent examples of built infrastructure.
- A number of other text amendments have been made throughout the manual to address minor inconsistencies/errors.
- A number of typical layout drawings in the Appendix have been amended, and 14 new layouts are included. See Table 1 below for summary of changes to typical layout drawings.

Table 1: Summary of changes to Typical Layout drawings

TL No.	Layout Title	Layout Status (New/Amended / Unchanged)	Description of changes
Cycle Links			
TL101	Standard cycle track	Unchanged	N/A
TL102	Stepped cycle track	Unchanged	N/A
TL103	Protected cycle lane	Unchanged	N/A
TL104	Mandatory cycle lane	Unchanged	N/A
TL105	Mixed traffic	Unchanged	N/A
TL106	Shared active travel facility/Greenway	Unchanged	N/A
TL107	Two-way cycle track	Amended	Minor amendments to road markings.
TL108	Contraflow cycle track	Amended	Max. recommended speed limit for a road with a contraflow cycle track reduced to 50 km/h.
TL109	Contraflow cycle lane	Amended	Minor amendments to road markings.
TL110	Contraflow cycling on shared streets	Unchanged	N/A
TL111	Cycle track behind parking/loading Bay	Amended	Minor amendments to road markings to reflect Traffic Signs Manual updates.
TL112	Cycle track behind loading island	Amended	Minor amendments to road markings.
TL113	Cycle track behind in-line loading Bay	Amended	Minor amendments to road markings.
TL114	Cycle lane behind parking/loading Bay	Amended	Minor amendments to road markings.
Bus Stops			
TL201A	Island bus stop – One-way cycle facility	Amended	Layout renumbered TL201A (formerly TL201) and title updated to include ‘one-way cycle track’. Layout amended to include new core and optional features.
TL201B	Island bus stop – Two-way cycle facility	New	Version of an island bus stop with a two-way cycle track adjacent.
TL202A	Shared bus stop landing zone – One-way cycle facility	Amended	Layout renumbered TL202A (formerly TL202) and title updated to include ‘one-way cycle track’. Layout amended to include

TL No.	Layout Title	Layout Status (New/Amended / Unchanged)	Description of changes
			new core and optional features. Maximum island width increased to 2 metres. Departure required for use of layout.
TL202B	Shared bus stop landing zone – Two-way cycle facility	New	Version of a Shared bus stop landing zone with a two-way cycle track adjacent. Departure required for use of layout.
TL203A	Island bus stop with bus layby – One-way cycle facility	Amended	Layout renumbered TL203A (formerly TL203) and title changed to Island bus stop with bus layby – One-way cycle facility. Layout amended to include new core and optional features.
TL203B	Island bus stop with bus layby – Two-way cycle facility	New	Version of an island bus stop with bus layby, with a two-way cycle track adjacent.
TL204	Cycle Lane & In-line Bus Stop	Amended	Layout amended to include new core and optional features.
TL205A	Reduced-width Island Bus Stop – One-way cycle facility	New	New layout for a reduced-width island bus stop, with an island width of 2-3 metres.
TL205B	Reduced-width Island Bus Stop – Two-way cycle facility	New	Version of a reduced-width island bus stop with a two-way cycle track adjacent.
TL206	Combined Footway/Island bus stop	New	New layout for a combined footway/island bus stop.
TL207	Island Bus Stop adjacent to Shared Path	New	New layout illustrating an Island Bus Stop adjacent to a shared path.
TL208	Reduced-width Island Bus Stop adjacent to Shared Path	New	New layout illustrating a Reduced-width Island Bus Stop adjacent to shared path.
TL209	Shared bus stop landing zone adjacent to Shared Path	New	New layout illustrating a shared bus stop landing zone adjacent to shared path. Departure required for use of layout.
Transitions			
TL301	Shifting bicycles to right	Amended	Minor amendments to road markings.
TL302	Transition to mixed traffic	Amended	Minor amendments to road markings.

TL No.	Layout Title	Layout Status (New/Amended / Unchanged)	Description of changes
Priority Junctions & Entrances			
TL401	One-way cycle track crossing side road with priority – Full set back	Amended	Titled changed from ‘Standard cycle track....’ to ‘One-way cycle track....’ plus minor amendments to road markings.
TL402	One-way cycle track crossing side road with priority – Partial set back	Amended	Titled changed from ‘Standard cycle track....’ to ‘One-way cycle track....’. Buff tactiles repositioned to align with side road kerbs and vertical segregation between cycle track and footway retained through the junction. Other minor amendments to road markings/signage.
TL403	One-way cycle track crossing side road with priority – No set back	Amended	Titled changed from ‘Standard cycle track....’ to ‘One-way cycle track....’. Buff tactiles repositioned to align with side road kerbs and vertical segregation between cycle track and footway retained through the junction. Other minor amendments to road markings.
TL404	One-way cycle track crossing side road without priority – Full set back	Amended	Titled changed from ‘Standard cycle track....’ to ‘One-way cycle track....’ plus ‘Full set back’ added into title. Other minor amendments to road markings.
TL405	Stepped cycle track crossing side road with priority	Amended	Buff tactiles repositioned to align with side road kerbs. Other minor amendments to road markings.
TL406	Protected priority junction	Amended	Minor amendments to road markings/signage.
TL407	Two-way cycle track crossing side road with priority – Full set back	Amended	Minor amendments to road markings/signage.
TL408	Two-way cycle track crossing side road with priority – Partial set back	Amended	Buff tactiles repositioned to align with side road kerbs and minor amendments to road markings.
TL409	Two-way cycle track crossing side road with priority – No set back	Amended	Buff tactiles repositioned to align with side road kerbs and minor amendments to road markings.
TL410	Two-way cycle track crossing side road without priority – Full set back	Amended	Footpath added to layout and minor amendments to road markings.

TL No.	Layout Title	Layout Status (New/Amended / Unchanged)	Description of changes
TL411	Cycle lane crossing side road	Amended	Minor amendments to road markings.
TL412	One-way cycle track crossing side road without priority - partial set back	New	New layout illustrating a one-way cycle track with partial set back losing priority at a side road junction.
TL413	Two-way cycle track crossing side road without priority – Partial Set Back	New	New layout illustrating a two-way cycle track with partial set back losing priority at a side road junction.
TL414	Two-way cycle track crossing side road without priority – No set sack	New	New layout illustrating a two-way cycle track with no set back losing priority at a side road junction.
Signal-controlled Junctions			
TL501A	Protected Junction	Amended	Layout renumbered TL501A (formerly TL501) and minor amendments to road markings.
TL501B	Protected Junction – Constrained Layout	New	New layout illustrating a protected junction with the alternative pedestrian crossing detail referred to in CDM Section 4.3.3.3.
TL502	Protected Junction – Cyclops Layout	Amended	Minor amendments to road markings.
TL503	Protected Junction – Full Signal Control	Amended	Minor amendments to road markings and narrow kerbs removed within 5m of pedestrian crossings.
TL504A	Protected T-Junction	Amended	Layout renumbered TL504A (formerly TL504) and minor amendments to road markings.
TL504B	Protected T-Junction – Constrained Layout	New	New layout illustrating a Protected T-Junction with the alternative pedestrian crossing detail referred to in CDM Section 4.3.3.3.
TL505	Protected T-Junction – Full Signal Control	Amended	Minor amendments to road markings and narrow kerbs removed within 5m of pedestrian crossings.
TL506	Signal-Controlled Junction incorporating Toucan Crossings	Amended	Minor amendments to road markings.
TL507	Two-Stage Right-Turn	Amended	Minor amendments to road markings.
TL508	Advanced Stop Lines (ASLs)	Amended	Minor amendments to road markings.

TL No.	Layout Title	Layout Status (New/Amended / Unchanged)	Description of changes
TL509	Cycle Streaming Lanes (legacy junctions only)	Amended	Minor amendments to road markings.
Crossings			
TL601	Segregated Uncontrolled Crossing	Amended	Minor amendments to road markings and red tactiles used at zebra crossings of cycle tracks.
TL602	Shared Uncontrolled Crossing	Unchanged	N/A
TL603	Cycle Priority Crossing	Amended	Minor amendments to road markings.
TL604	Parallel Zebra Crossing	Amended	Minor amendments to road markings/signage.
TL605	Combined Zebra Crossing	Amended	Minor amendments to road markings/signage.
TL606	Signalised Parallel Crossing	Amended	Minor amendments to road markings.
TL607	Toucan Crossing	Amended	Minor amendments to road markings.
TL608	Signalised Cycle Crossing	Amended	Minor amendments to road markings.
Roundabouts			
TL701	Protected Roundabout with cycle priority	Amended	Minor amendments to road markings.
TL702	Protected Roundabout without cycle priority	Amended	Minor amendments to road markings.
TL703	Segregated roundabout with shared active travel facilities	Amended	Minor amendments to road markings/signage.
TL704	Compact roundabout with mixed traffic	Amended	Minor amendments to road markings/signage.
TL705	Signal-controlled roundabout with integrated crossings	Amended	Minor amendments to road markings.
TL706	Signal-controlled roundabout with hold the left arrangement	Amended	Minor amendments to road markings.