## **Cycling Infrastructure Index**

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### TDM TECHNICAL STANDARDS

Cycle infrastructure index

Date: 17/07/2024 SED No.

CY0000

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Cycle way handrail details

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Cycle stand details (Sheffield)

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### **TRANSPORT DESIGN MANUAL**

Cycle lane with Bus stop Non - Frequent network







One-way Cycleway with Option 3 - Boarding Strip

CY0021 A



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### TRANSPORT DESIGN MANUAL

Two-way Cycleway with Option 1 - Full Island Design

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- Cycleway Width Dimension) or EDC Cycling Infrastructure document. Where there is no constraint, a 2.0m cycleway width is preferred.
- Ramp (pedestrian and cycle) need to follow accessible 2 gradient, preferred gradient 5%, max. gradient 8%. 3. Bus stop sign pole to be aligned with bus shelter wall,
- to provide continuous pedestrian through-route

PPROVED



Two-way Cycleway with Option 3 - Boarding Strip

Cycle path with darker surface (asphalt or darker concrete 8Kg/m3) Bus platform and footpath (concrete 4Kg/m3)

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![](_page_25_Figure_1.jpeg)

![](_page_25_Figure_2.jpeg)

#### NOTES

CYCLE KERB RAMP DOWN DETAIL

- The preferred gradient of Cycle transition (line of travel) is 5%, with Max. gradient of 8%.
   The width of front herm depends on the kerb height. The design shall meet
- 2. The width of front berm depends on the kerb height. The design shall meet the grades specified above.
- 3. The entry/exit degrees are affected by the design speed of cyclists and the types of cycle facilities (e.g. protected cycleway or on-road cycleway). The prefered degree at entry shall be 20° and 30° at the exit. However, the degrees can be designed based on the context and approved by AT Design and Standard team.
- 4. The entry point and crossing entry point must be smooth (with the avoidance of a concrete 'lip')
- Ramps not intended for pedestrian use.
- 6. All concrete to be grade N32.
- All concrete to be broom finished perpendicular to direction of travel.
  Cycle ramp is to be cast in single pour with the kerb and channel. Existing
- kerb and channel to be saw cut and removed.9. Dimensions in millimeters.
- Gradient of ramp should not change by more than 8% along line of travel and 3% across line of travel.

![](_page_25_Picture_14.jpeg)

### TRANSPORT DESIGN MANUAL

Cycle Kerb Ramp Up Detail

![](_page_25_Picture_17.jpeg)

CY0025

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![](_page_26_Figure_0.jpeg)

![](_page_27_Figure_0.jpeg)

Waste Collection Arrangemnt - Vehicle Crossing

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CY0027