



TYPICAL LAYOUT - CHR(S)

| OPERATING SPEED | NUMBER OF ARROWS | DIMENSION A (Arrow Spacing) | DIMENSION B (CC Line) | DIMENSION C (C Line) |
|-----------------|--|-----------------------------|-----------------------|----------------------|
| 50 km/h | 2 | Nom. 12 m | Nom. 21 m | Nom. 20 m |
| 60 km/h | 2 | Nom. 15 m | Nom. 24 m | Nom. 25 m |
| 70 km/h | 2 | Nom. 18 m | Nom. 27 m | Nom. 30 m |
| 80 km/h | Not generally applicable in urban areas Use values shown in table on Standard Drawing SD-84.014 | | | |
| 90 km/h | | | | |
| 100 km/h | | | | |
| 110 km/h | | | | |

Refer Notes 2 & 3 for additional details regarding the above dimensions

NOTES

- The warrants regarding the use of this type of facility and its required dimensions shall be in accordance with Austroads Guide to Road Design Part 4A: Unsignalised and Signalised Intersections.
- The values in Table 84.4.1 are provided as a guide for new facilities. Where possible, following resealing work, existing facilities should be reinstated as per the table. However it is recognised that in many locations, existing dimensions may not necessarily relate to current guidelines and that adjustment of continuity lines and arrow spacing will be required to suit on-site conditions.
- Dimension B is based on a storage length for one general access vehicle (21m) and may be increased to suit additional storage as required. Where B is increased greater than the corresponding value for A, additional turn arrow(s) should be provided at spacing A.
- Where edge lines exist they shall follow the edge of the turn facility with tapers provided to suit the required dimensions outlined by Austroads.
- 'No Stopping' signs are not typically required, however they may be used where there is a demonstrated problem with vehicles stopping or parking within the facility.

REFERENCE DRAWINGS

- SD-81.001 - Standard Line Types and Codes
- SD-81.002 - Raised Pavement Markers
- SD-81.003 - Chevron Markings - Operating Speeds 70km/h and below
- SD-81.004 - Chevron Markings - Operating Speeds above 70km/h
- SD-84.001 - Urban Junction Without Traffic Island - Typical Arrangement
- SD-84.002 - Urban Junction With Traffic Island - Typical Arrangement

DRAWING: DIER Standard Drawings - Traffic Facilities.dwg

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| No. | Amendment Description | Initials | Date |
| A3 Original | This sheet may be prepared using colour and may be incomplete if copied | | |

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| G. HILLS | 19 JUL 2013 |
| REVIEWED | DATE |
| D. HOWATSON | 22 JUL 2013 |
| APPROVED | DATE |
| R. BURK | 22 JUL 2013 |
| Manager Traffic Engineering | |



Infrastructure, Energy and Resources

STANDARD DRAWING
TRAFFIC FACILITIES
INTERSECTIONS & INTERCHANGES
Urban Channelised Short Lane Right Turn Facility - CHR(S)
Typical Arrangement

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| DO NOT SCALE | |
| Use of this drawing is governed by the conditions outlined on the DIER website. It is the users responsibility to ensure it is the current revision. | |
| STANDARD DRAWING NUMBER | REVISION NUMBER |
| SD-84.004 | 00 |