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|--|---|
| Subject: Lane Use Signs and Pavement Markings at Multi-lane Roundabouts | |
| Date: 27 July 2005 | Author: E. Miska |
| Bulletin Number: TE-2005-5 Bulletin Type: | Action Required: Effective Date: Immediately |
| Distribution | Standards Affected |
| MoT Designers Design Consultants | New |

BACKGROUND

Lane use signs and markings are commonly used at intersections to provide positive guidance to motorists when the lane use is different from what normally would be expected. Multi-lane roundabouts are relatively new on Ministry roadways. Lane use signs and pavement markings intended specifically for roundabouts can provide positive guidance to drivers as they approach and navigate the multi-lane roundabout.

POLICY

Roundabout Lane Use signs

Roundabout Lane Use signs will be used in advance of multi-lane roundabouts to direct motorists into the appropriate lane. The sign record for Roundabout Lane Use signs (R-500 series) illustrates possible combinations of the lane use symbols that may be applied. The designer should select signs based on the lane use that applies to their design.

Pavement markings on the approach to the Roundabout

The symbols used in the roundabout lane use signs will also be installed as pavement markings in the appropriate lane on the approach to the roundabout. If space permits, a second set of confirmatory pavement lane use markings should also be used. The use of the same symbols will reinforce to drivers the indicated lane use. The layout and dimensioning of the roundabout approach lane markings is attached.



Pavement Markings within the Roundabout

To provide guidance to drivers within the roundabout, lane continuity lines will be used. Directional arrows may be placed within the roundabout to emphasize appropriate lane movements. The attached schematic drawing illustrates the application of continuity lines and pavement marking arrows. Note that the pavement marking arrows within the roundabout are of the conventional variety strategically positioned to provide additional guidance to drivers.

It is recognized that large trucks will over-track the markings on certain movements. The diameter of roundabouts is limited to improve the over-all safety for all vehicles. If the diameter of a roundabout was made so large as to eliminate any potential over-tracking of trucks then over-all safety performance would be diminished.

For further information or comment please contact:

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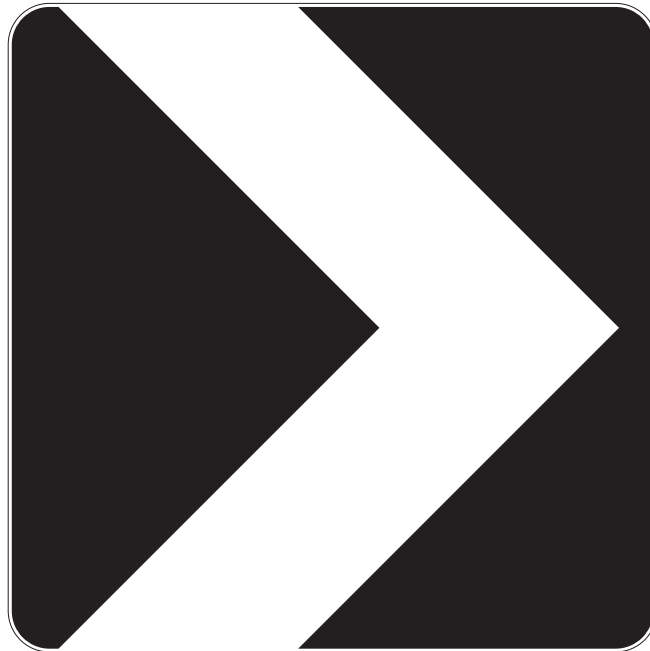


BRITISH COLUMBIA

Ministry of Transportation

Sign Item #

R-500-1



Original Digital Records by Sign Services Section

Jerry Froese
Senior Traffic Engineer

FABRICATION APPROVAL

| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|----------------------------|--------------|-----------------------------|----------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| R-500-1 | 600 x 600 | ASTM Level 9 | AL SB-33 | 7 | Black | White |



BRITISH COLUMBIA

Ministry of Transportation

Sign Item #

R-500-2



Original Digital Records by Sign Services Section

Jerry Froese

Senior Traffic Engineer

FABRICATION APPROVAL

| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|----------------------------|--------------|-----------------------------|----------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| R-500-2 | 1060 x 600 | ASTM Level 9 | Custom (see next page) | 8 | Black | White |



BRITISH COLUMBIA

Ministry of Transportation

Sign Item #

R-500-3



Original Digital Records by Sign Services Section

Jerry Froese

Senior Traffic Engineer

FABRICATION APPROVAL

| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|----------------------------|--------------|-----------------------------|----------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| R-500-3 | 1500 x 600 | ASTM Level 9 | Custom (see next page) | 10 | Black | White |



**YIELD TO TRAFFIC
IN ROUNDABOUT**

Font: ClearviewHwy1B, 75mm

Original Digital Records by Sign Services Section
Jerry Froese
Senior Traffic Engineer

FABRICATION APPROVAL

| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|-------------------------|--------------|--------------------------|-------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| R-502-1 | 750 x 300 | ASTM Level 9 | AL SB-37 | 6 | White | Black |



BRITISH
COLUMBIA

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Transportation

Sign Item #

R-507

ROUNDABOUT

Original Digital Records by Sign Services Section
Jerry Froese
Senior Traffic Engineer

FABRICATION APPROVAL

| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|----------------------------|--------------|-----------------------------|----------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| R-507 | 900 x 300 | ASTM Level 3 | AL SB-49 | 8 | Black | White |



**BRITISH
COLUMBIA**

**Ministry of
Transportation**

Sign Item #

R-508

GET IN LANE

Original Digital Records by Sign Services Section

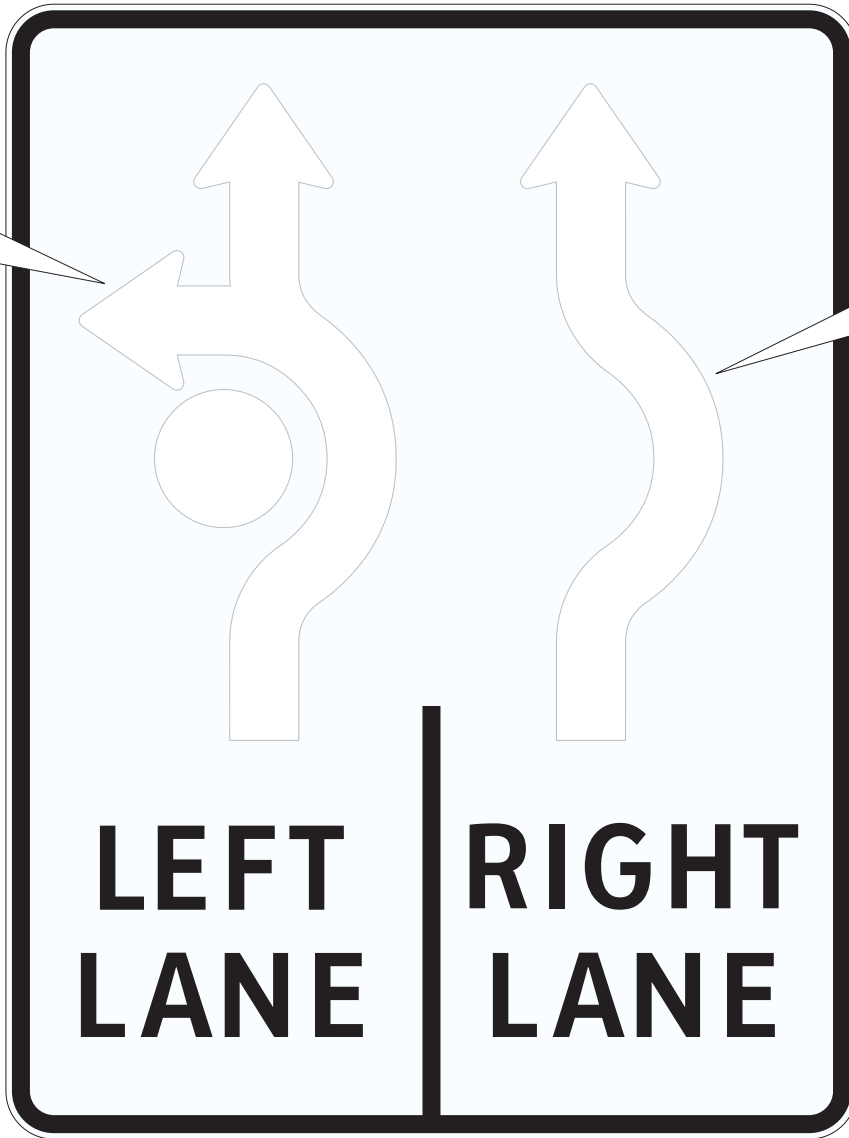
Jerry Froese
Senior Traffic Engineer

FABRICATION APPROVAL

| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|----------------------------|--------------|-----------------------------|----------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| R-508 | 900 x 300 | ASTM Level 3 | AL SB-49 | 8 | Black | White |



USE ONLY R-511L SERIES HERE

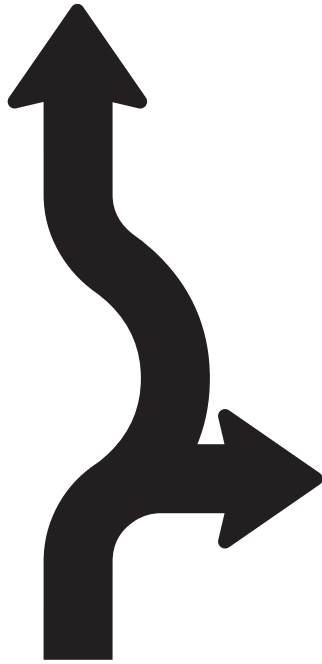


USE ONLY R-510R SERIES HERE

Original Digital Records by Sign Services Section
Jerry Froese
Senior Traffic Engineer

FABRICATION APPROVAL

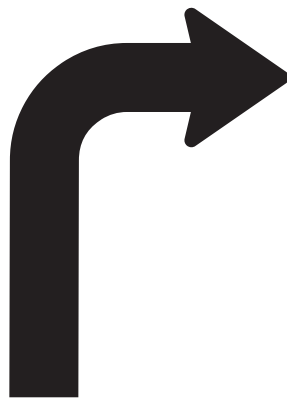
| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|-------------------------|--------------|--------------------------|-------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| R-509 | 900 x 1200 | ASTM Level 3 | AL SB-53 | 8 | Black | White |



R-510R-1



R-510R-2



R-510R-3

Original Digital Records by Sign Services Section
Jerry Froese
Senior Traffic Engineer

FABRICATION APPROVAL

| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|-------------------------|--------------|--------------------------|-------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| R-510R | N/A | N/A | R-509 | 8 | Black | N/A |



R-511L-1



R-511L-2

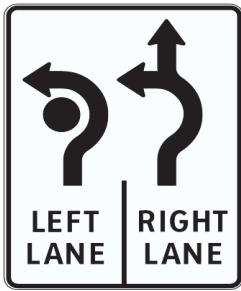


R-511L-3

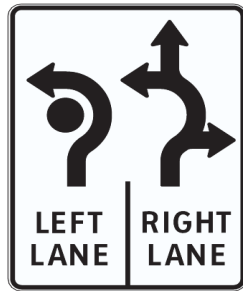
Original Digital Records by Sign Services Section
Jerry Froese
Senior Traffic Engineer

FABRICATION APPROVAL

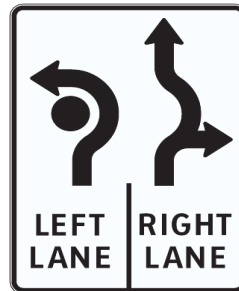
| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|-------------------------|--------------|--------------------------|-------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| R-511L | N/A | N/A | R-509 | 8 | Black | N/A |



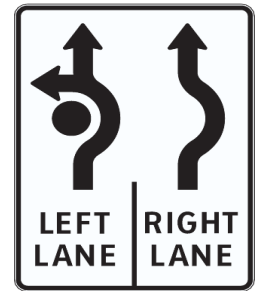
R-509-LN-1



R-509-LN-2



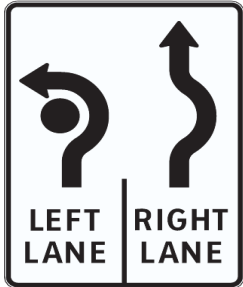
R-509-LN-3



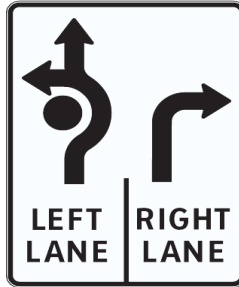
R-509-LN-4



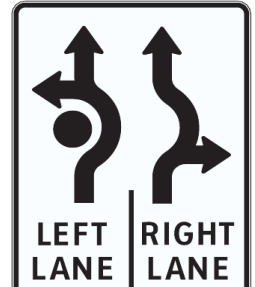
R-509-LN-5



R-509-LN-6



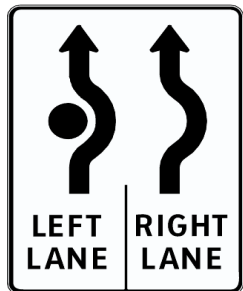
R-509-LN-7



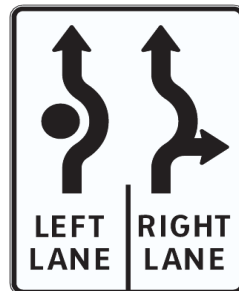
R-509-LN-8



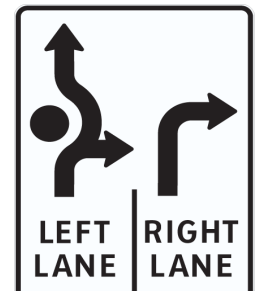
R-509-LN-9



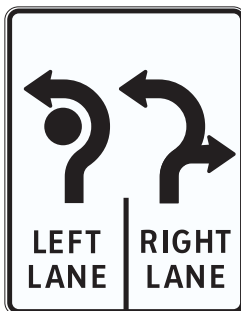
R-509-LN-10



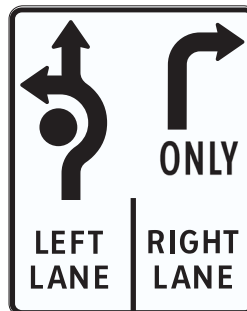
R-509-LN-11



R-509-LN-12



R-509-LN-13



R-509-LN-XX-ONLY
(Example: Right Lane)

ONLY

R-509-LN-XX-ONLY
– (L or R Lane)

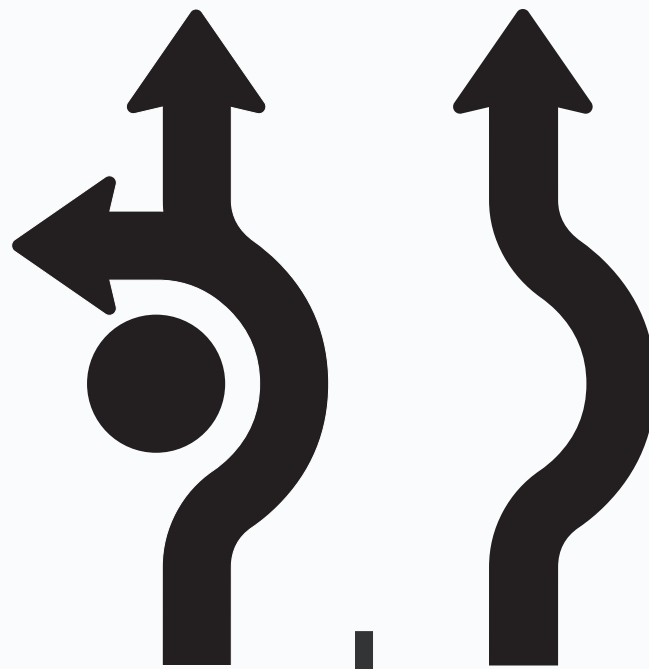
The “ONLY” Text may be added to Lane Use Signs to improve driver compliance.

The sign is “special” order requiring RTE, and/or STE approval.

Typical “Lane-Use” sign combinations used to match desired lines of traffic flows in the area

ROUNDAABOUT

GET IN LANE



**LEFT
LANE**

**RIGHT
LANE**

This Lane Use Sign can be used with added "Tabs." The Tabs would typically be used in urban areas where advance guide signs did not exist. This sign indicates to approaching drivers of the existence of a multi-lane roundabout so they may get into the appropriate lane for their desired maneuver.



BRITISH COLUMBIA

Ministry of Transportation

Sign Item #

W-500

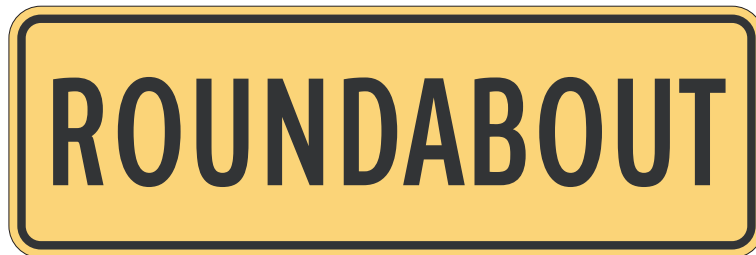


Original Digital Records by Sign Services Section

Jerry Froese
Senior Traffic Engineer

FABRICATION APPROVAL

| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|-------------------------|--------------|--------------------------|-------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| W-500 | 900 x 900 | ASTM Level 9 | AL SB-52D | 8 | Yellow | Black |



Original Digital Records by Sign Services Section
Jerry Froese
Senior Traffic Engineer

FABRICATION APPROVAL

| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|-------------------------|--------------|--------------------------|-------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| W-500T | 900 x 300 | ASTM Level 9 | AL SB-49 | 9 | Yellow | Black |



W-22 SPEED ADVISORY SIGN

May be used on the W-500 Roundabout Ahead Sign as requested by the Regional Traffic Engineer (RTE) or Senior Traffic Engineer (STE).



| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|-------------------------|--------------|--------------------------|-------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| W-501 | 900 x 900 | ASTM Level 9 | AL SB-52 | 8 | Yellow | Black/Red |



| SIGN ITEM # | DIMENSIONS (W x H) (mm) | REFLECTIVITY | SUBSTRATE / SIGN BLANK # | SCALE RATIO | COLOUR | |
|-------------|----------------------------|--------------|-----------------------------|----------------|------------|------------------|
| | | | | | BACKGROUND | BORDER \ MESSAGE |
| W-501t | 900 X 600 | ASTM Type 9 | AL SB-51 | 8 | Yellow | Black / Red |



SIGN RECORD

Ministry of Transportation



RIMS: _____

SIGN#: **62** - **17** - **0500**
Dist. #. Hwy # Sign #

District: Vancouver Island

Highway: 17

Design Speed: 60Km/h

PARENT SIGN SPECS

| | |
|--|----------------------------------|
| Type: G-005 | Border: Inset 0.64 cm |
| Sign Size: 3660 mm X 2135 mm | Width 2.54 cm |
| Substrate: Extruded Aluminum | Inside Radius 15.24 cm |
| Reflectivity: ASTM Levels 9 / 3 | Font: ClearviewHwy 3W 200 |
| Color: Wht / Grn | Shield: RMG 150 |

TAB SPECS

| | |
|--|----------------------------------|
| Type: G-00X | Border: Inset 0.64 cm |
| Sign Size: 000.0 cm X 000.0 cm | Width 3.8 cm |
| Substrate: Extruded Aluminum | Inside Radius 23.0 cm |
| Reflectivity: ASTM Levels 3 / 3 | Font: Hwy Gothic EM 200mm |
| Color: Blk Vinyl / Wht / Grn | Shield: RMS200 |

PARENT SIGN HARDWARE

| | |
|---|---------------------------------|
| Sign Support: 4 - Al Ang @ 2160 mm | Sign Mount: Wood Post |
| J-Clip Assembly: 16 Sets | Surface Area: 7.814 Sq-m |

TAB HARDWARE

| | |
|--|---------------------------------|
| Sign Support: 0-Al Angle-000.0 cm | Sign Mount: Wood Post |
| J-Clip Assembly: 0 Sets | Surface Area: 0.000 Sq-m |

MODIFIED RECORD FORMATS WILL NOT BE ACCEPTED!



Typical Roundabout Guide Signing used on BC MoT Roadways

Roundabout Signs:

R-500 - 1, 2, 3 series signs

Roundabout Directional Sign.

The roundabout Directional Sign indicates to approaching roadusers the "one-way" direction they must follow when traveling in a roundabout. The roundabout sign is placed on the centre island of the roundabout in a location such that it is directly "In The Line Of Sight" of approaching roadusers. Additional R-500 -1 & 2's may also be added to the approaching splitter islands as requested by the Regional Traffic Engineer (RTE), or Senior Traffic Engineer (STE). The standard sign size is the R-500-3 at 1520 X 600 mm and the reflectivity of the sheeting is "Type 9." On smaller diameter roundabouts, the R-500-1 or -2 may be used. On very large diameter roundabouts the directional signs may be combined longitudinally for more visible impact. Minimum height above ground to bottom of the sign is 600 mm. In areas impacted by snowfall, the height to bottom of the sign may be increased to a maximum of 1.2 metres above ground.

R-500-1



R-500-2



R-500-3



R-502 -1 tab

Yield To Traffic In Roundabout Tab Sign

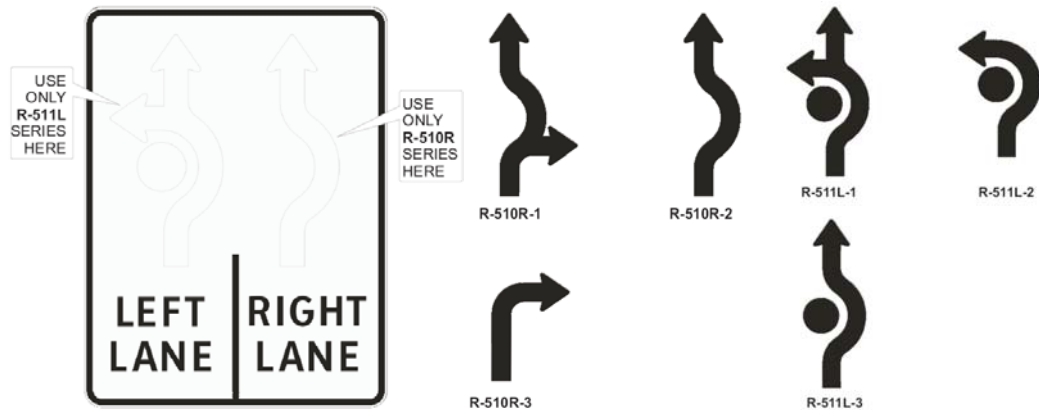
The “Yield To Traffic In Roundabout” Tab sign is used in conjunction with the R-002 Yield Sign to help familiarize roadusers as to their operational responsibilities at the entrance to a roundabout. The Roundabout R-502-1 tab sign is optional. The R-502-1 tab is placed below the R-002 sign.



R-509, (R-510R, R-511L)

Multi-Lane Roundabout Lane Use Sign

Roundabout Lane Use Signs are used on multi-lane roundabout approaches where the permitted movement in one or more approach lanes is indicated to approaching roadusers. Roundabout Lane Use signs shall be used on multi-lane roundabouts and may be installed overhead or on the right side of the road. Typically the roundabout lane use signs are positioned approximately 50 metres back from the **Yield Line** of the roundabout. Confirmatory roundabout lane use signs may be added to the roundabout and are located approximately 60 metres to 120 metres back from the primary roundabout lane use signs. Where a raised median exists, supplementary roundabout lane use signs may be placed on the left side of the road. Roundabout lane use signs are often supplemented by lane use pavement marking arrows.



R-507 name tab

Multi-Lane Roundabout Lane Use "Roundabout" Tab Sign

The Multi-Lane Roundabout Lane Use "Roundabout" Tab sign is used in conjunction with the R-509 Multi-lane Roundabout Lane Use sign to help roadusers associate the Diagrammatic R-509 Lane Use sign to multi-lane roundabouts. The Roundabout R-507 tab sign is optional and is used primarily in urban locations where the diagrammatic type advance direction guide sign and/or W-500 Roundabout Ahead sign is not provided. The R-507 "Roundabout" tab is placed above the R-509 Multi-lane Roundabout Lane Use sign.



R-508 name tab

Multi-Lane Roundabout Lane Use "Get In Lane" Tab Sign

The Multi-Lane Roundabout Lane Use "Get In Lane" Tab sign is used in conjunction with the R-509 Multi-lane Roundabout Lane Use sign to inform roadusers they must get into the appropriate lane to make their desired maneuver through a multi-lane roundabouts. The Roundabout R-508 tab sign is optional and is used primarily in urban locations where the diagrammatic type advance direction guide sign and/or W-500 Roundabout Ahead sign is not provided. The R-508 "Get In Lane" tab sign is placed above the R-509 Multi-lane Roundabout Lane Use sign and below the R-507 "Roundabout" tab sign.



W-500

Roundabout Ahead Sign

The Roundabout Ahead Sign indicates to roadusers that they are approaching a Roundabout. The sign is placed in advance of a roundabout, and are generally necessary where the presence of the roundabout may be unexpected and where the diagrammatic type advance direction guide sign is not provided. They should be used where approach speeds are high (≥ 70 km/hr), particularly where there is restricted sight distance to the roundabout to give added warning of the roundabout ahead. The Roundabout Ahead sign is optional in an urban residential environment for non-numbered highways/roads whose functional classification is similar to, or that of "Local Road" or "Collector." The Roundabout Ahead sign is optional between "back to back" roundabouts of ≤ 750 metres separation (Example: Diamond Interchanges). The roundabout ahead sign may be supplemented by the optional W-22 (30 km/hr) Speed Advisory Tab as specified by the Regional Traffic Engineer (RTE), or Senior Traffic Engineer (STE).



W-500T tab

Roundabout Tab Sign

The Roundabout Tab sign is used in conjunction with the W-500 Roundabout Ahead Sign to help familiarize roadusers as to what the Diagrammatic W-500 Roundabout Ahead Sign symbolizes. The Roundabout W-500T tab sign is optional. The W-500T tab is placed below the W-500 sign.



W-501

Do Not Drive Beside Trucks In Roundabout Sign

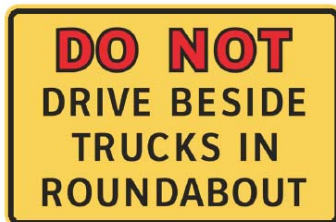
The Do Not Drive Beside Trucks In Roundabout Tab sign is used at multilane roundabouts as specified by the Regional Traffic Engineer (RTE), or Senior Traffic Engineer (STE). It is generally considered for use on the approach to smaller diameter multilane roundabouts where “over-tracking” by commercial truck traffic within the roundabout is common.



W-501T tab

Do Not Drive Beside Trucks In Roundabout Sign tab

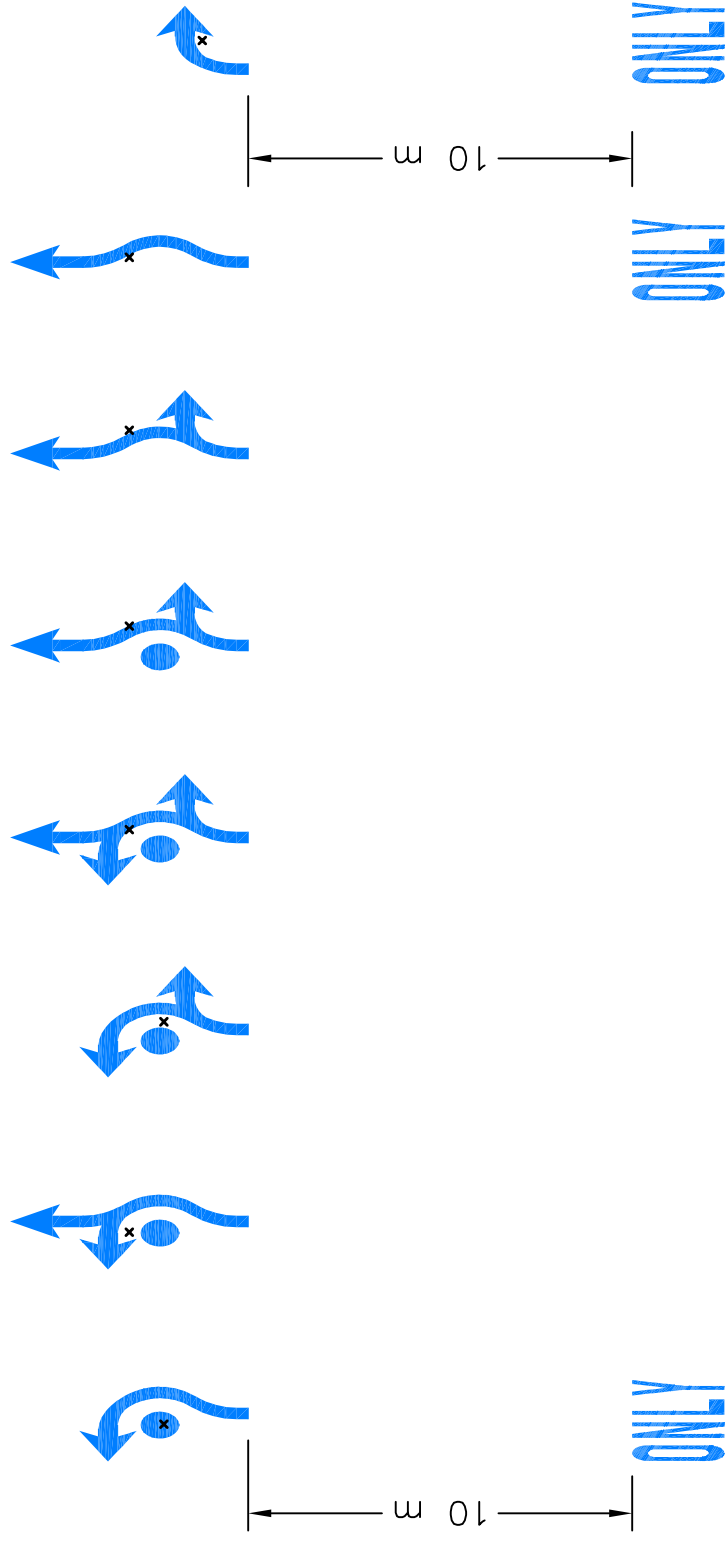
The Do Not Drive Beside Trucks In Roundabout Tab sign is used in conjunction with the W-501 Do Not Drive Beside Trucks In Roundabout sign to help familiarize roadusers as to what the Diagrammatic W-501 Do Not Drive Beside Trucks In Roundabout sign symbolizes. The W-501T tab is placed below the W-501 sign.



ROUNDABOUT APPROACH LANE USE PAVEMENT MARKINGS

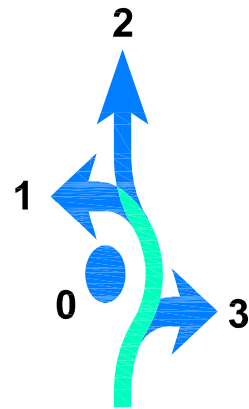
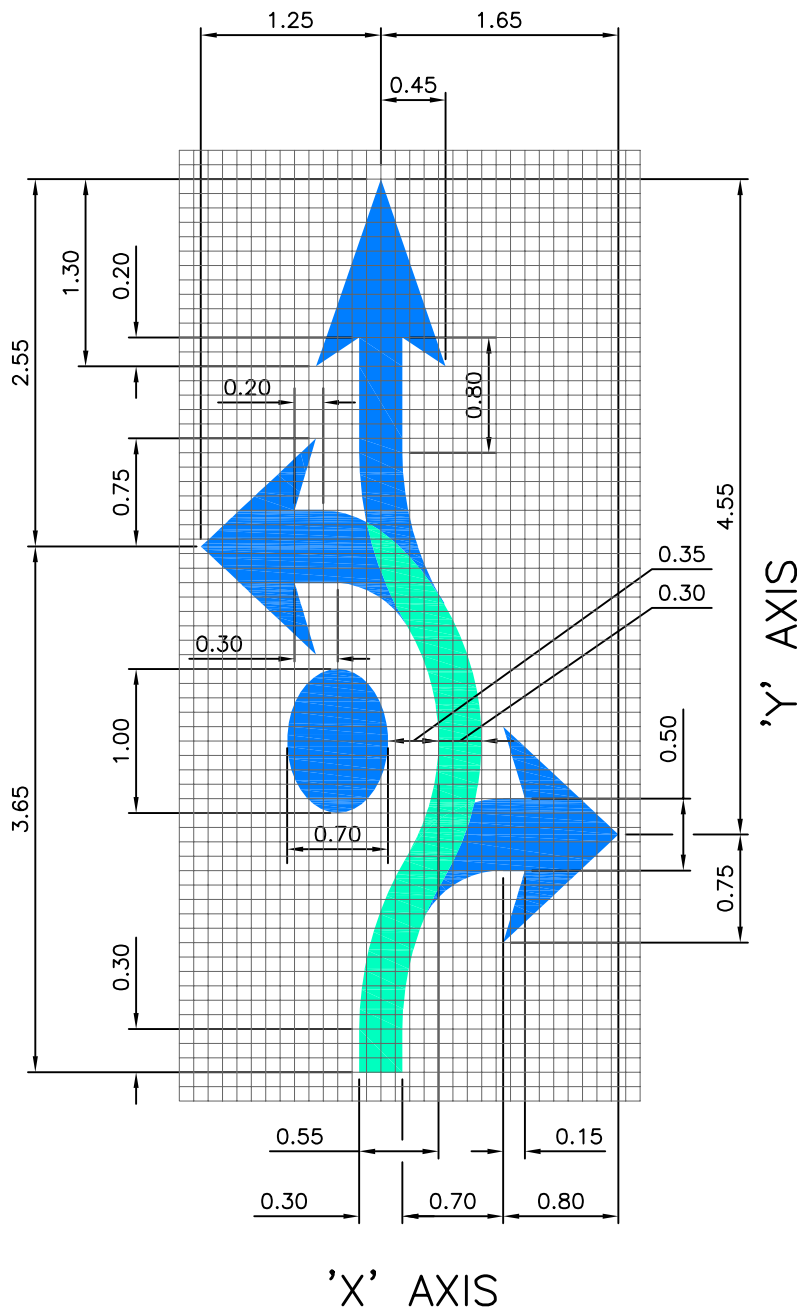
'x' DENOTES THE CENTER OF THE SYMBOL (SEE THE INDIVIDUAL ARROW LAYOUTS FOR MORE DETAIL). THIS POINT SHALL BE USED TO POSITION THE SYMBOL IN THE CENTER OF THE LANE. SYMBOLS PLACED IN ADJACENT LANES SHALL HAVE THE BOTTOM OF THE ARROWS ALIGNED.

THE "ONLY" MARKING SHOULD BE USED FOR UNI-DIRECTIONAL ARROWS ONLY.



ROUNDBABOUT APPROACH LANE USE PAVEMENT MARKINGS

(FOR USE ON MULTI-LANE APPROACHES ONLY)



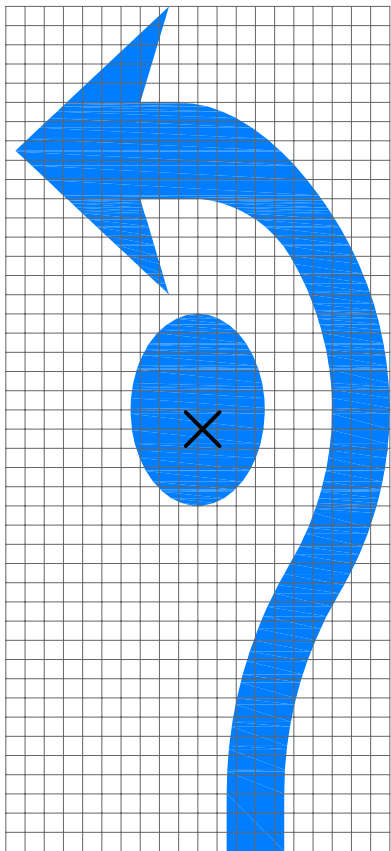
**ELEMENT
DIAGRAM**

OVERALL DIMENSIONS

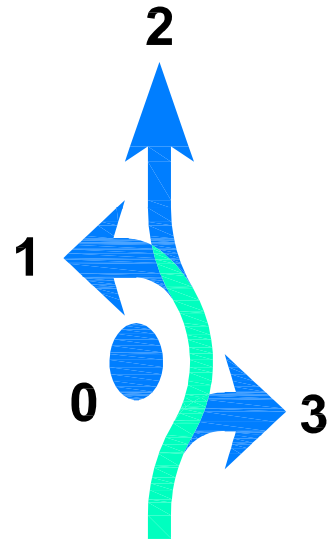
| ELEMENTS INCLUDED | OVERALL 'X' | OVERALL 'Y' |
|-------------------|-------------|-------------|
| 1 | 1.95 m | 4.40 m |
| 1 & 2 | 1.95 m | 6.20 m |
| 1 & 3 | 2.90 m | 4.40 m |
| 1, 2 & 3 | 2.90 m | 6.20 m |
| 0 & 2 | 1.35 m | 6.20 m |
| 0, 2 & 3 | 2.30 m | 6.20 m |
| 2 | 1.15 m | 6.20 m |
| 2 & 3 | 2.10 m | 6.20 m |
| 3 | 1.80 m | 2.40 m |

OVERALL DIMENSIONS ARE TO THE FURTHEST EDGE POINTS OF THE SYMBOL THAT DEFINE AN ENCLOSING BOX AROUND THE SYMBOL. TO FIND THE CENTER OF SYMBOL, DIVIDE THE OVERALL DIMENSION IN HALF AND MEASURE FROM A CORNER OF THE ENCLOSING BOX.

THE DOT (ELEMENT 0) IS ONLY USED IN SYMBOLS FOR THE LEFTMOST LANE.



100 mm
100 mm

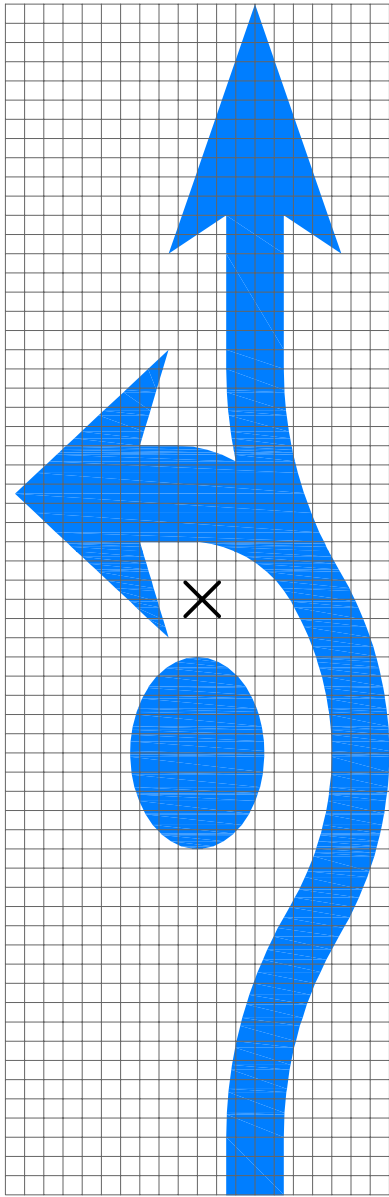


**ELEMENT
DIAGRAM**

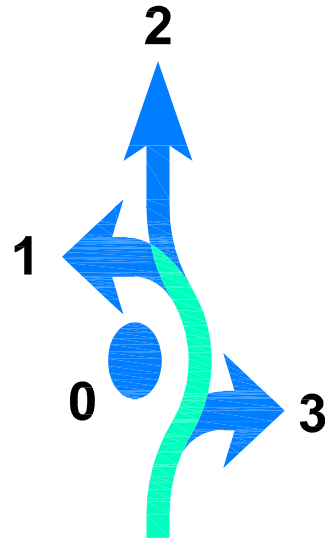
OVERALL DIMENSIONS

| ELEMENTS INCLUDED | OVERALL 'X' | OVERALL 'Y' |
|-------------------|-------------|-------------|
| 0 & 1 | 1.95 m | 4.40 m |

✕ DENOTES THE CENTER OF THE SYMBOL



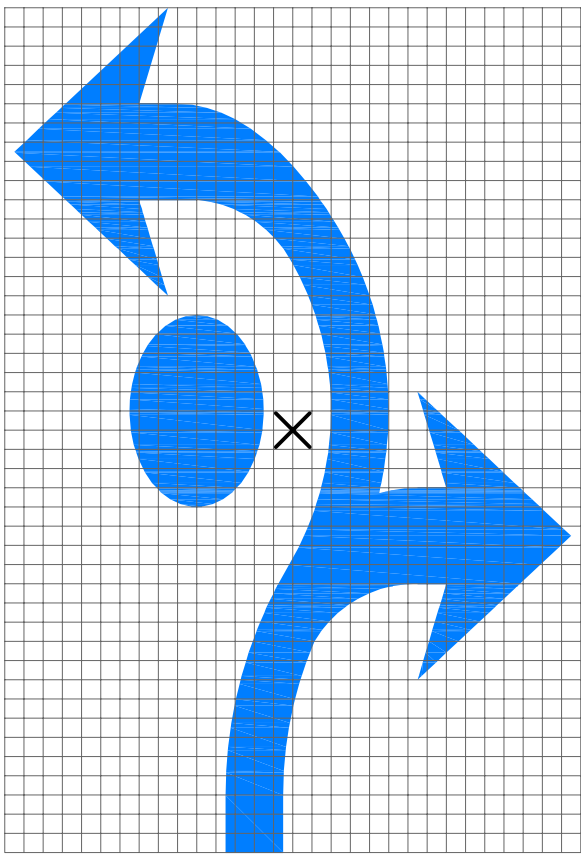
100 mm
100 mm



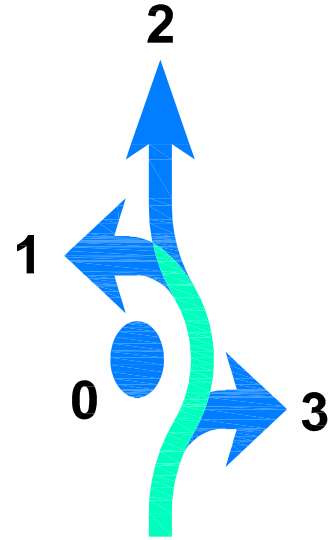
**ELEMENT
DIAGRAM**

| OVERALL DIMENSIONS | | |
|---------------------------|-------------|-------------|
| ELEMENTS INCLUDED | OVERALL 'X' | OVERALL 'Y' |
| 0, 1 & 2 | 1.95 m | 6.20 m |

✕ DENOTES THE CENTER OF THE SYMBOL



100 mm
100 mm

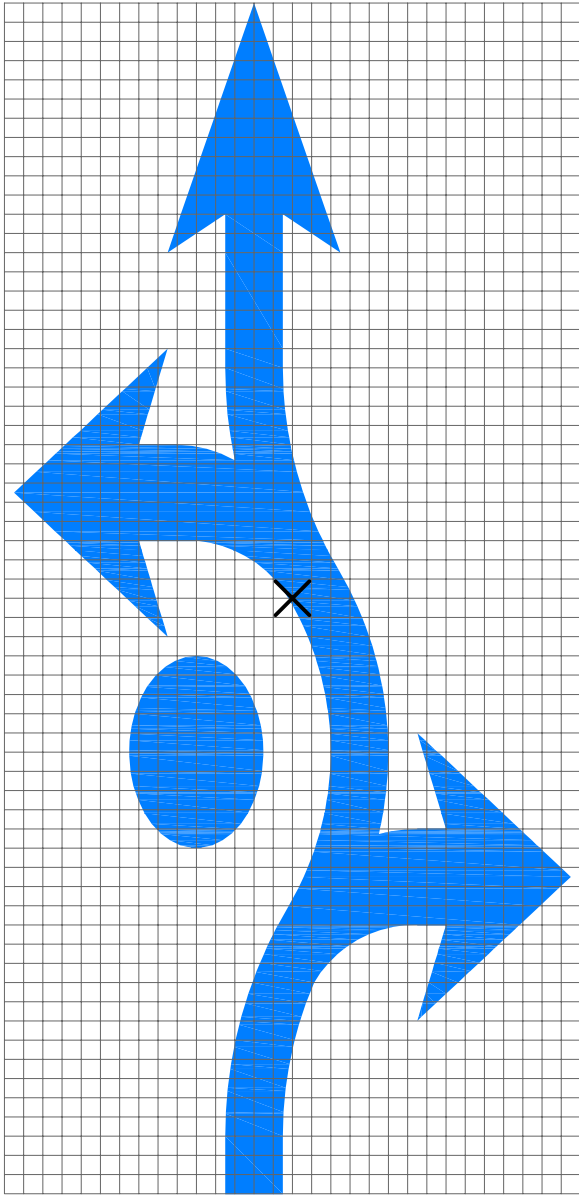


**ELEMENT
DIAGRAM**

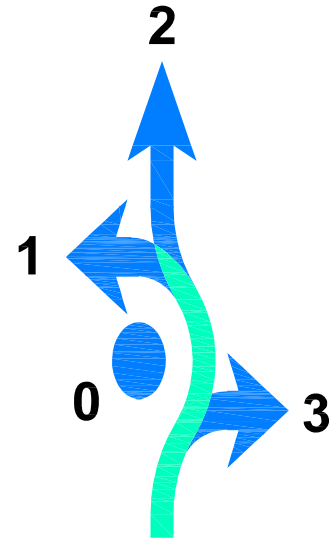
OVERALL DIMENSIONS

| ELEMENTS INCLUDED | OVERALL 'X' | OVERALL 'Y' |
|-------------------|-------------|-------------|
| 0, 1 & 3 | 2.90 m | 4.40 m |

✕ DENOTES THE CENTER OF THE SYMBOL



100 mm
100 mm

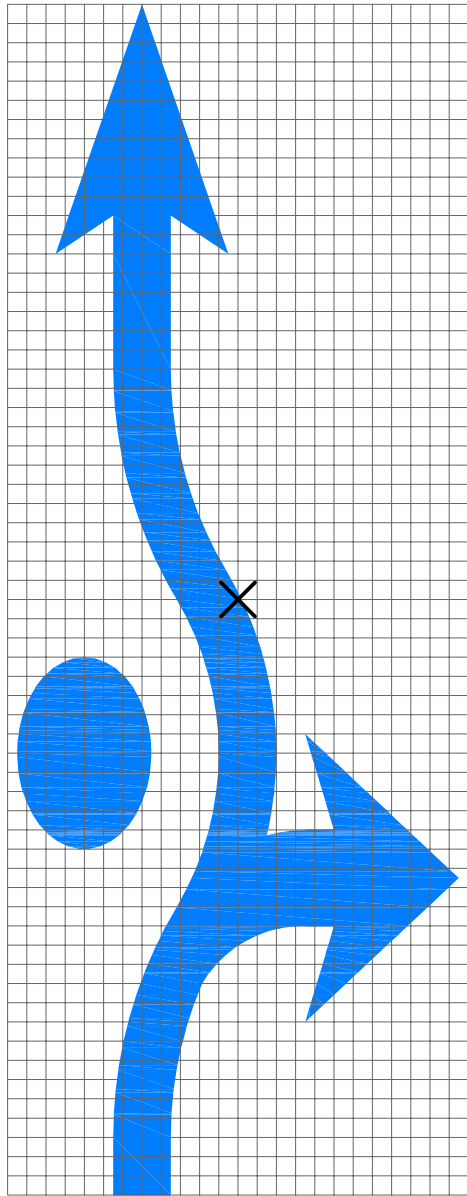


**ELEMENT
DIAGRAM**

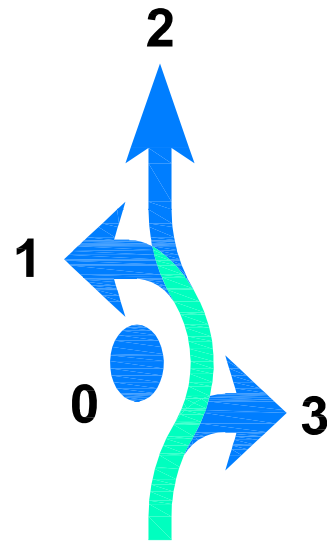
OVERALL DIMENSIONS

| ELEMENTS INCLUDED | OVERALL 'X' | OVERALL 'Y' |
|-------------------|-------------|-------------|
| 0, 1, 2 & 3 | 2.90 m | 6.20 m |

X DENOTES THE CENTER OF THE SYMBOL



100 mm
100 mm

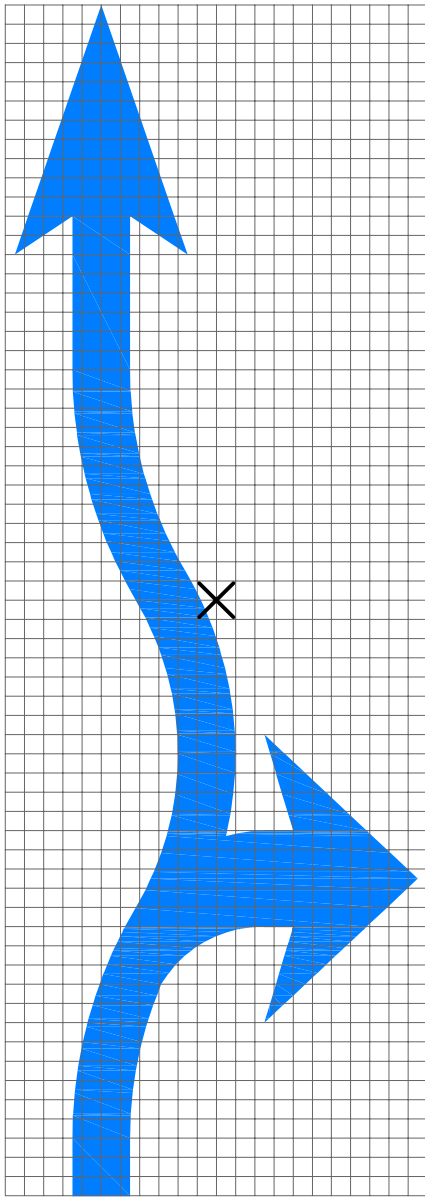


**ELEMENT
DIAGRAM**

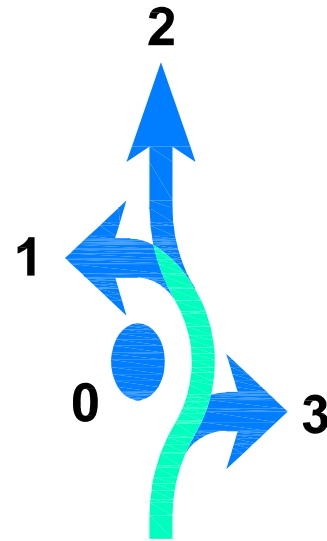
OVERALL DIMENSIONS

| ELEMENTS INCLUDED | OVERALL 'X' | OVERALL 'Y' |
|-------------------|-------------|-------------|
| 0, 2 & 3 | 2.30 m | 6.20 m |

X DENOTES THE CENTER OF THE SYMBOL



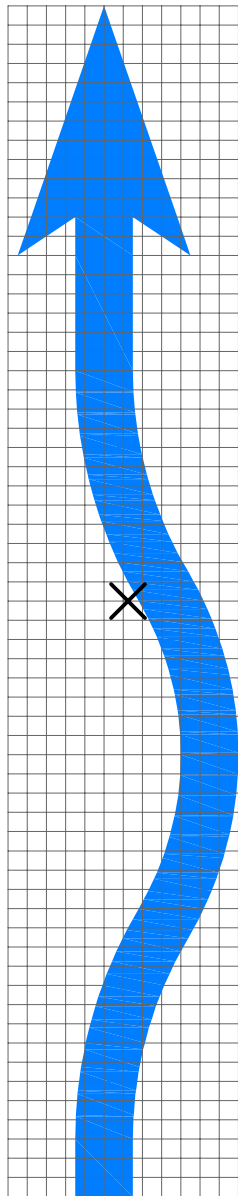
100 mm
100 mm



**ELEMENT
DIAGRAM**

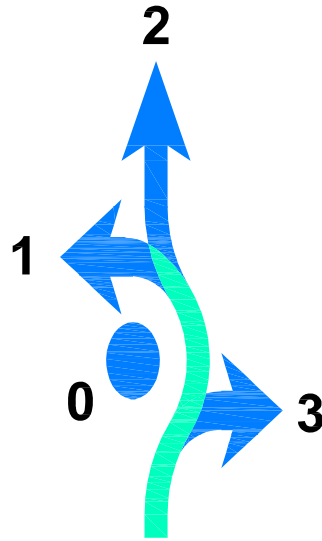
| OVERALL DIMENSIONS | | |
|---------------------------|-------------|-------------|
| ELEMENTS INCLUDED | OVERALL 'X' | OVERALL 'Y' |
| 2 & 3 | 2.10 m | 6.20 m |

X DENOTES THE CENTER OF THE SYMBOL



100 mm

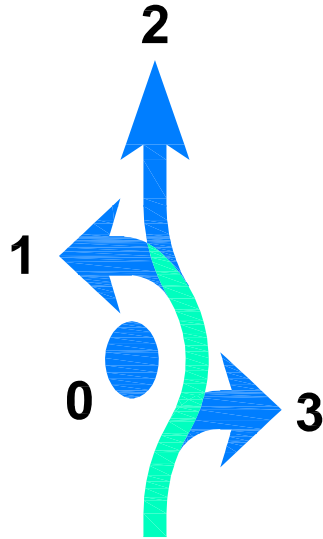
100 mm



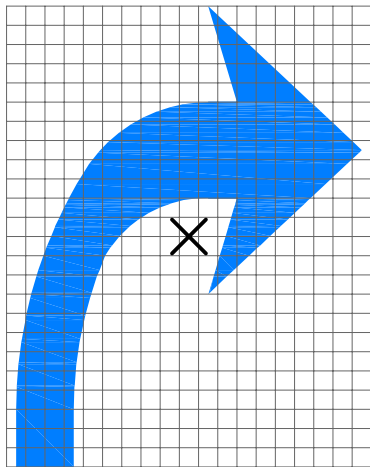
ELEMENT DIAGRAM

| OVERALL DIMENSIONS | | |
|---------------------------|-------------|-------------|
| ELEMENTS INCLUDED | OVERALL 'X' | OVERALL 'Y' |
| 2 | 1.15 m | 6.20 m |

✕ DENOTES THE CENTER OF THE SYMBOL



**ELEMENT
DIAGRAM**

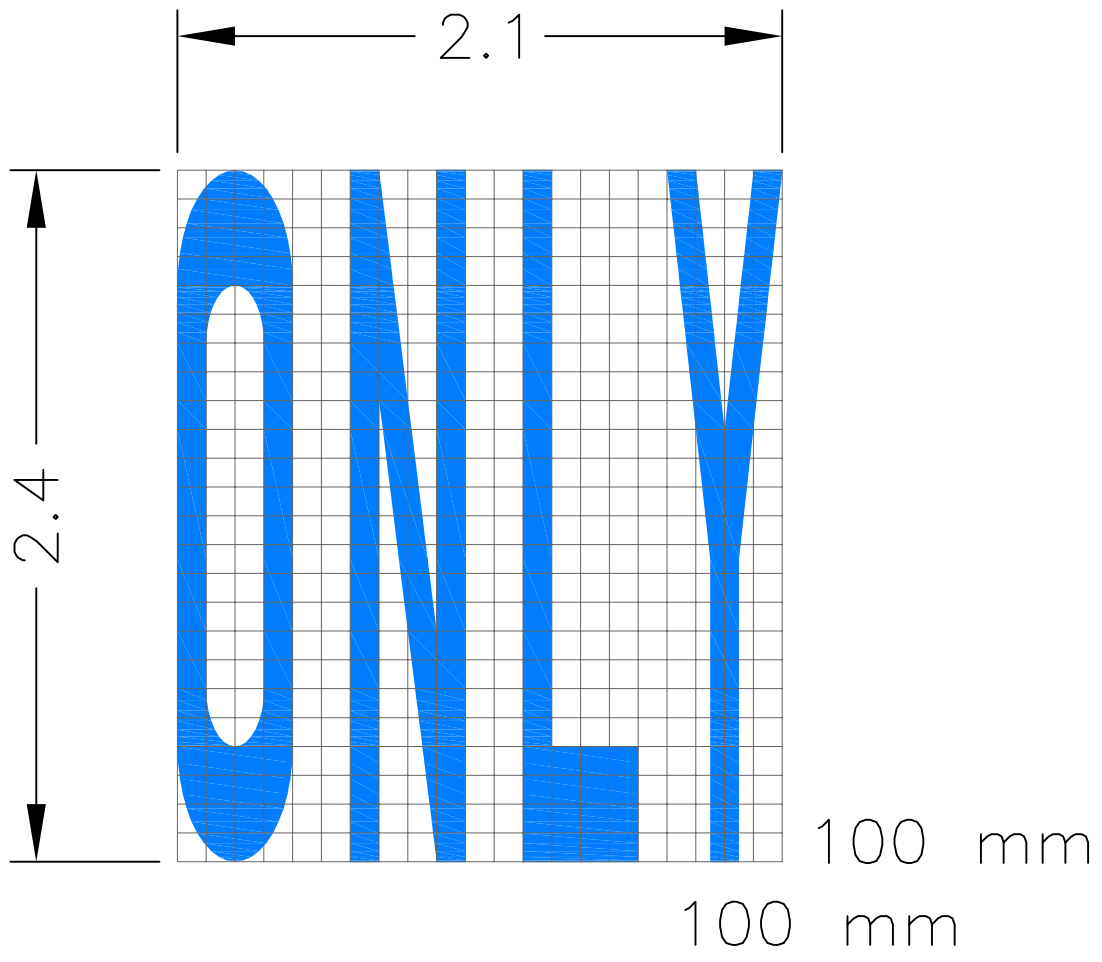


100 mm
100 mm

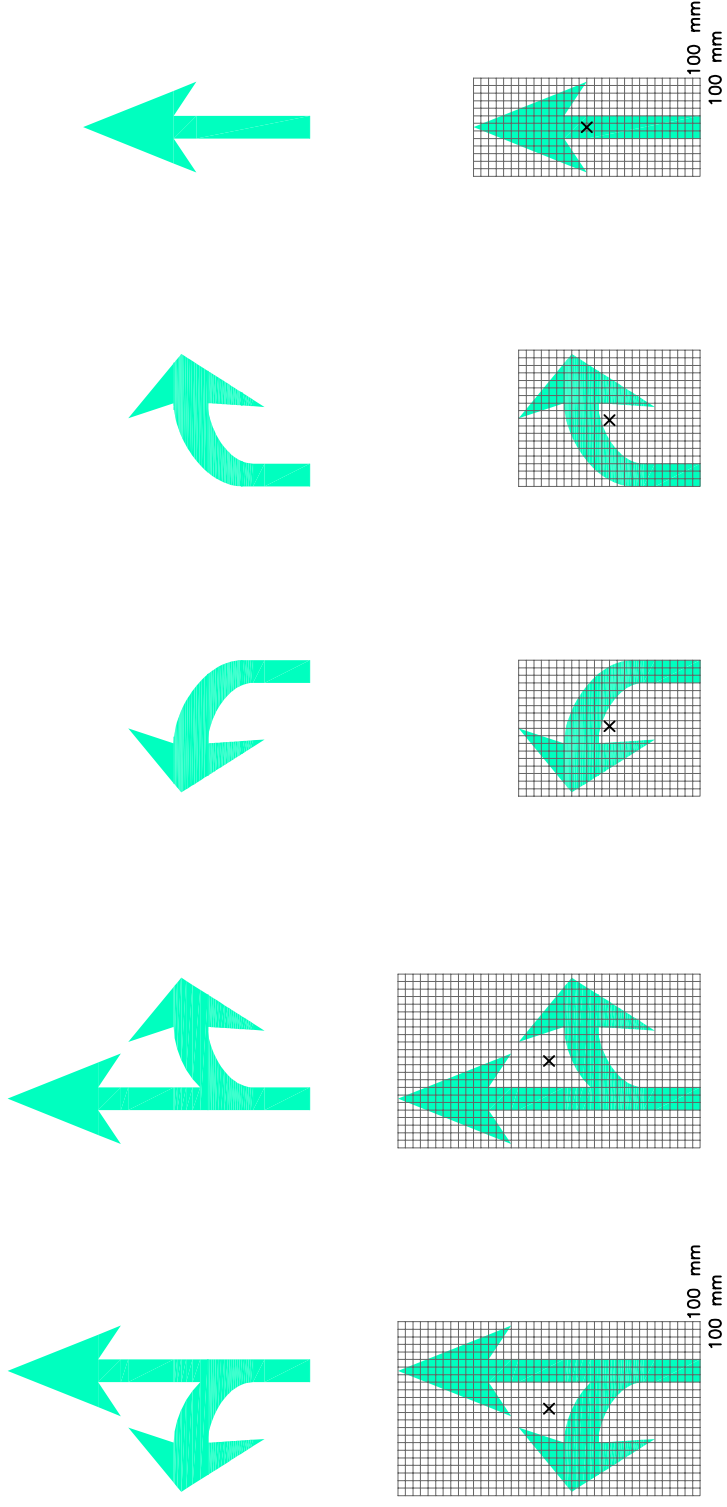
OVERALL DIMENSIONS

| ELEMENTS INCLUDED | OVERALL 'X' | OVERALL 'Y' |
|-------------------|-------------|-------------|
| 3 | 1.80 m | 2.40 m |

X DENOTES THE CENTER OF THE SYMBOL



ROUNDABOUT LANE USE PAVEMENT MARKINGS (INSIDE A MULTI-LANE ROUNDABOUT)



X DENOTES THE CENTER OF THE SYMBOL

Figure 1 Example of Markings for a Two-Lane Roundabout with One- and Two-Lane Approaches. No lane arrows within roundabout – typical of smaller diameter roundabouts.

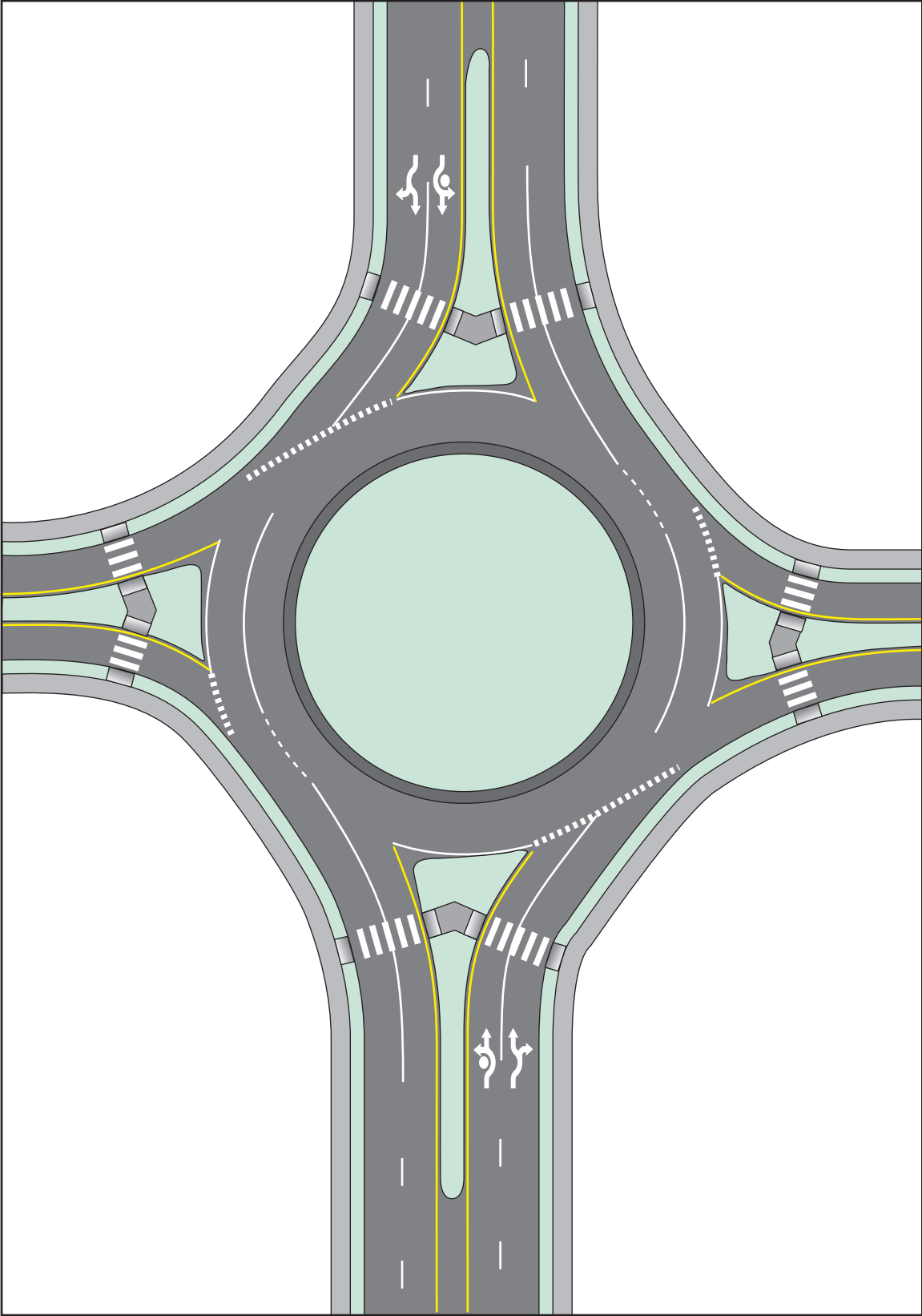
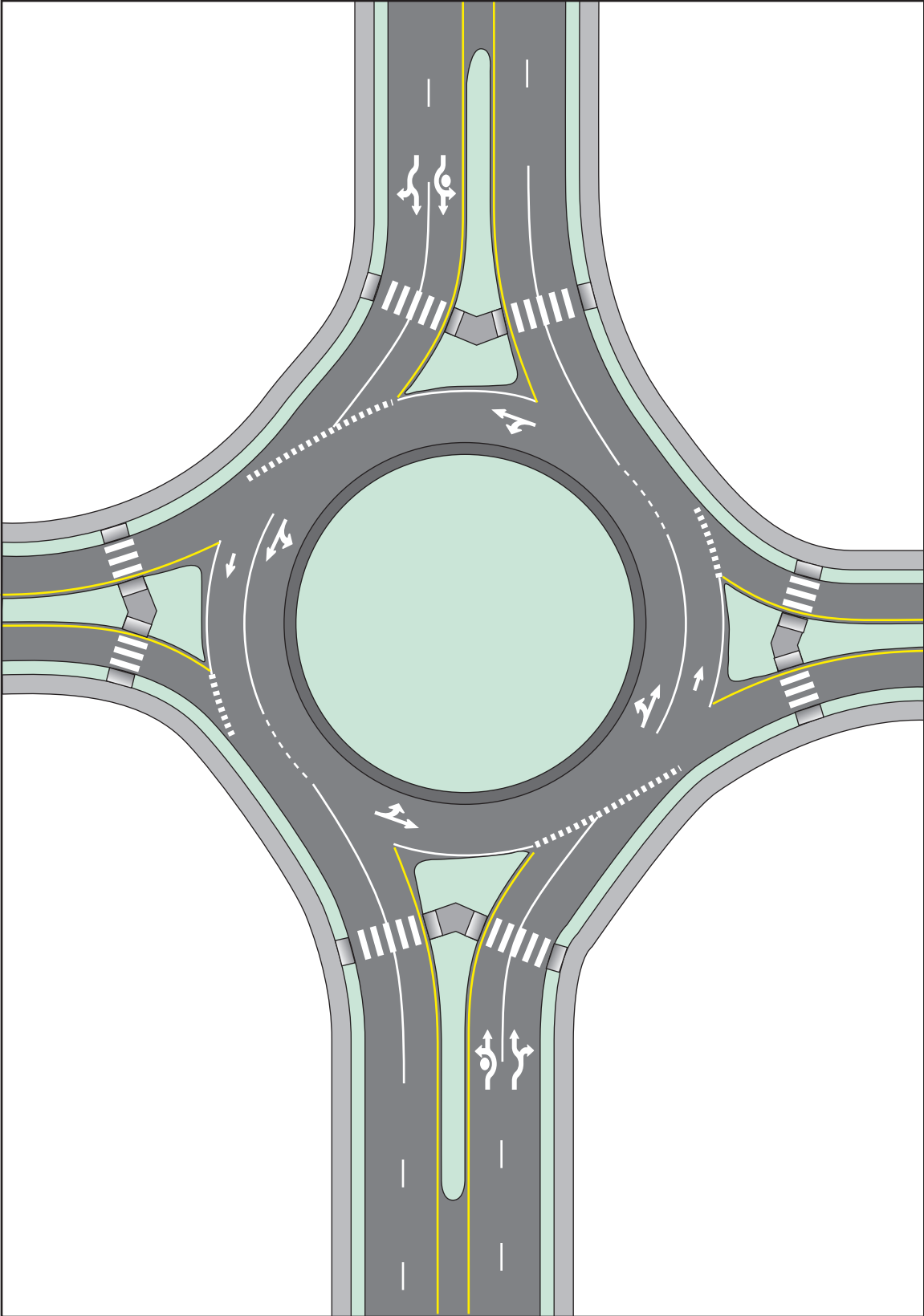
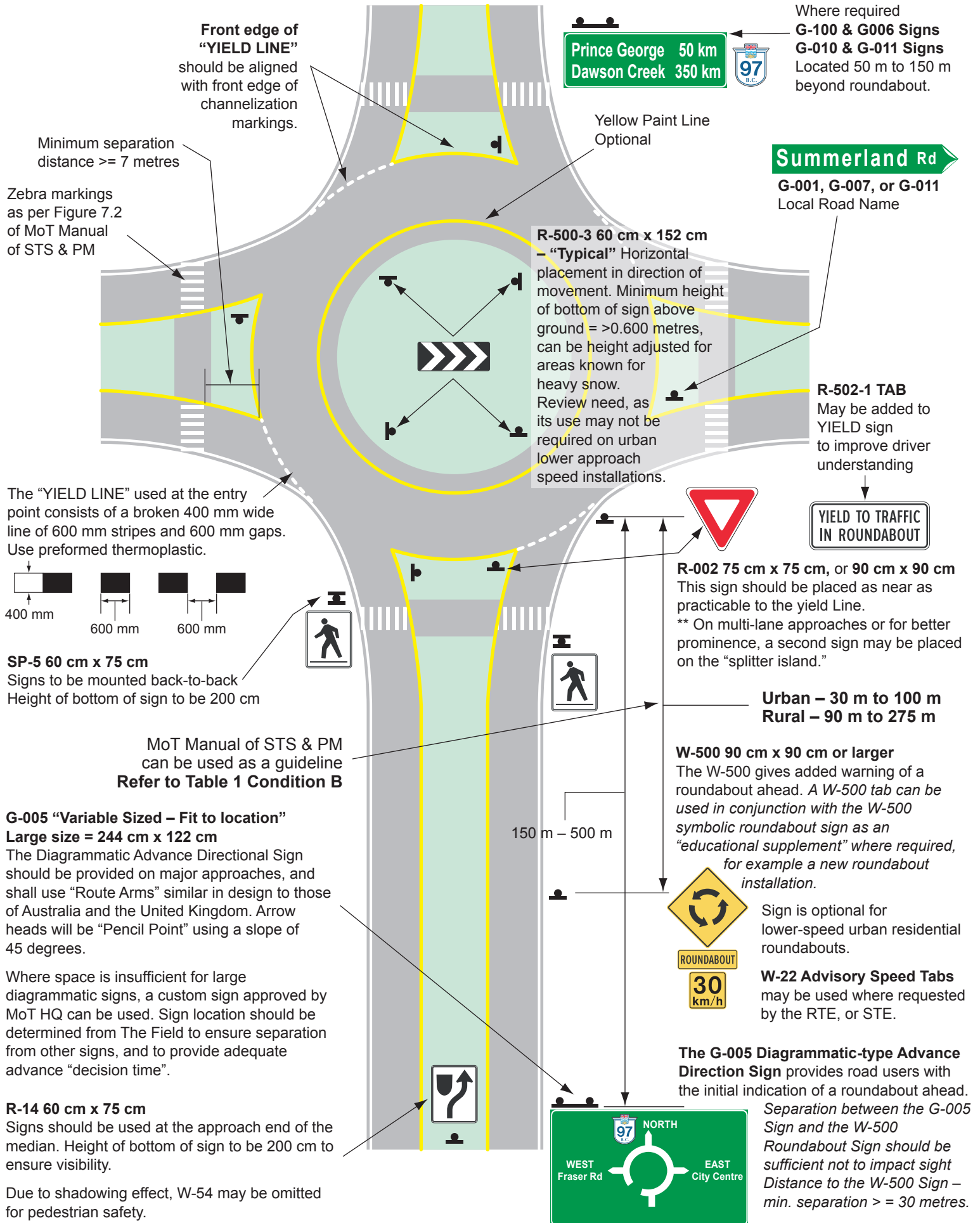


Figure 2 Example of Markings for a Two-Lane Roundabout with One- and Two-Lane Approaches. Lane arrows included within roundabout – typical of larger diameter roundabouts.



MoT SINGLE LANE ROUNDABOUT SIGNING GUIDE – December 2005

*** MULTI-LANE WILL BE SIMILAR FOR REGULATORY AND WARNING SIGNS



MoT MULTI-LANE ROUNDABOUT PAVEMENT MARKING – December 2005

Entry Continuity Line

Is placed at a 0.5 m line/1 m gap/0.5 m line spacing and is 10 metres in overall length.

Option: Entry Continuity Line to match dimensions and length of Exit Continuity Line.

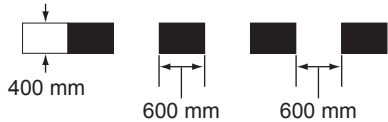
- Line width 200 mm (or as specified by the RTE, or STE.)

Exit Continuity Line

Is placed at a 1 m line/1 m gap/1 m line spacing.

- Line width 200 mm (or as specified by the RTE, or STE.)

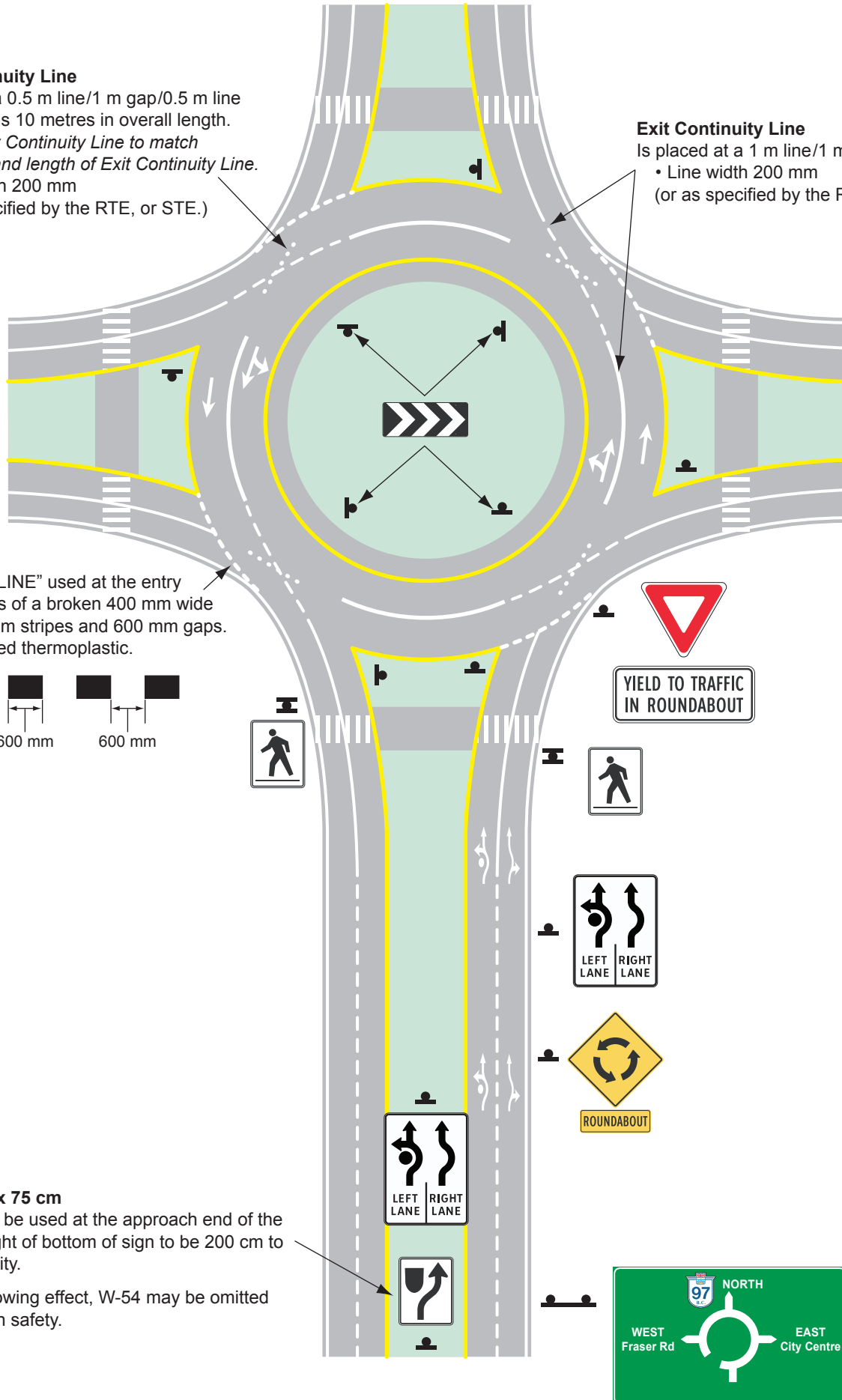
The "YIELD LINE" used at the entry point consists of a broken 400 mm wide line of 600 mm stripes and 600 mm gaps. Use preformed thermoplastic.

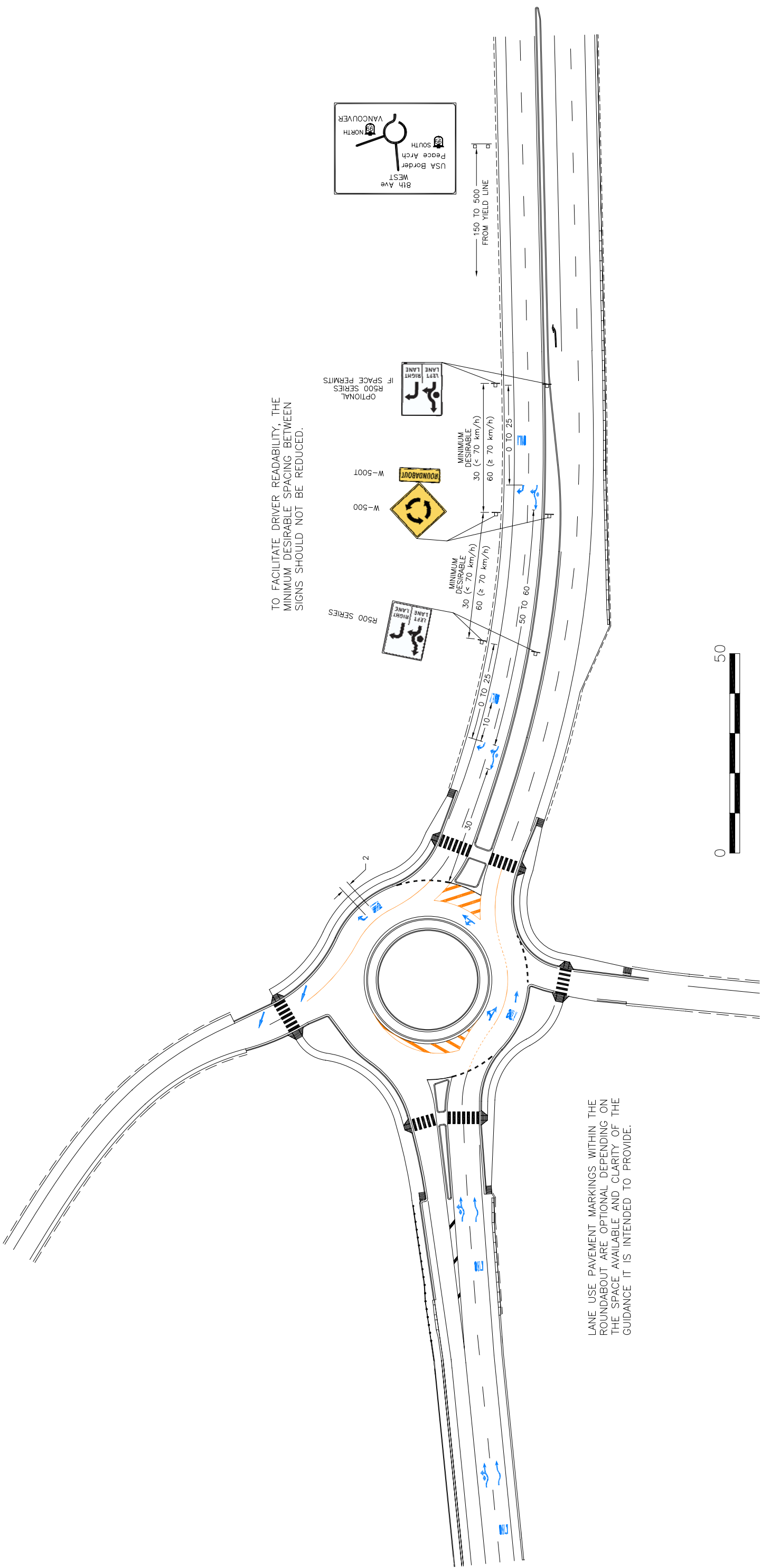


R-14 60 cm x 75 cm

Signs should be used at the approach end of the median. Height of bottom of sign to be 200 cm to ensure visibility.

Due to shadowing effect, W-54 may be omitted for pedestrian safety.





EXAMPLE LAYOUT OF LANE USE
SIGNS AND PAVEMENT MARKINGS