

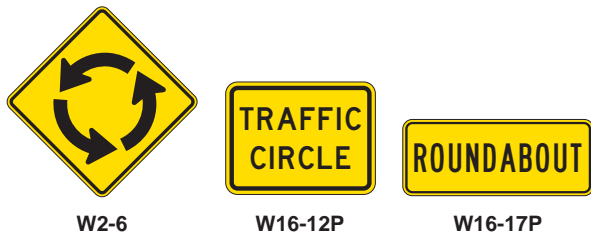
OPTION:

A Cross Road (W2-1) symbol, Side Road (W2-2 or W2-3) symbol, T-Intersection symbol (W2-4), or Y-Intersection symbol (W2-5) sign may be used in advance of an intersection to indicate the presence of an intersection and the possibility of turning or entering traffic.

The Circular Intersection (W2-6) symbol sign may be installed in advance of a circular intersection (see Figures 2B-21 through 2B-23).

GUIDANCE:

If an approach to a roundabout has a statutory or posted speed limit of 40 mph or higher, the Circular Intersection (W2-6) symbol sign should be installed in advance of the circular intersection.



OPTION:

A ROUNDAABOUT (W16-17P) educational plaque may be mounted above or below a circular intersection symbol sign on the approach to a roundabout but may not be used on an approach to a traffic circle.

A TRAFFIC CIRCLE (W16-12P) educational plaque may be mounted above or below a circular intersection symbol sign on the approach to a traffic circle but may not be used on an approach to a roundabout.

The relative importance of the intersecting roadways may be shown by different widths of lines in the symbol.

An advance street name plaque (see Section 2C.49) may be installed above or below an Intersection Warning sign.

GUIDANCE:

The Intersection Warning sign should illustrate and depict the general configuration of the intersecting roadway, such as cross road, side road, T-intersection, or Y-intersection.

Intersection Warning signs, other than the Circular Intersection (W2-6) symbol sign and the T-Intersection (W2-4) symbol sign should not be used on approaches controlled by STOP signs, YIELD signs, or signals.

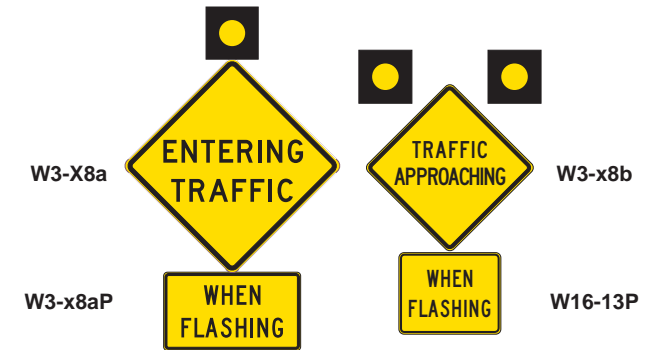
If an Intersection Warning sign is used where the side roads are not opposite of each other, Offset Side Roads (W2-7) symbol sign should be used instead of the Cross Road symbol sign.

If an Intersection Warning sign is used where two closely-spaced side roads are on the same side of the highway, the Double Side Roads (W2-8) symbol sign should be used instead of the Side Road symbol sign.

No more than two side road symbols should be displayed on the same side of the highway on a W2-7 or W2-8 symbol sign, and no more than three side road symbols should be displayed on a W2-7 or W2-8 symbol sign.

MN Rev. 3

2C.46.1 Intersection Conflict Warning System Signs (W3-X8a, W3-X8aP, W3-X8b)



SUPPORT:

Intersection Conflict Warning Systems provide real-time active warning of vehicles approaching or waiting at a non-signalized intersection. These systems are designed to detect and respond to every vehicle, in all lanes, as they are approaching the intersection or waiting at the stop sign. These systems have been shown to reduce the number and severity of right angle crashes at rural non-signalized intersections.

For a major roadway warning system the alert is active on the major (through) road whenever any minor road vehicle is approaching or waiting at the stop sign. For a minor roadway warning system the alert is active on the minor road whenever any vehicle is approaching and has not yet entered the intersection on the major (through) road.

OPTION:

Intersection Conflict Warning System Signs may be installed at non-signalized intersections. The system may include major road warning, minor road warning or a combination of both at the same intersection.

SUPPORT:

Research has indicated that minor road only warning systems may not be effective at reducing the frequency or severity of right angle crashes at intersections.

MN Rev. 1

STANDARD:

If used, the major roadway Intersection Conflict Warning System on undivided highways shall use a single yellow flashing warning beacon centered above the ENTERING TRAFFIC (W3-8a) sign with a WHEN FLASHING (W3-X8aP) plaque centered beneath it.

When used, the major road signs shall be placed in advance of the intersection (see Table 2C-4).

If used, the minor road Intersection Conflict Warning System shall use two yellow flashing warning beacons, the TRAFFIC APPROACHING (W3-8b) sign, and a WHEN FLASHING plaque (W3-8bP) sign. The yellow flashing beacons shall be mounted horizontally above the sign and flash in an alternating manner.

The flashing beacon for both the major and minor road systems shall comply with the requirements in Section 4L.

GUIDANCE:

When used, the minor road signs should be placed on the far right corner of intersection, across from the stop sign.

OPTION:

The major roadway Intersection Conflict Warning System on divided multi-lane highways may use two alternately flashing warning beacons and the ENTERING TRAFFIC WHEN FLASHING (W3-X8) sign.

The yellow flashing warning beacons may be replaced by yellow Light Emitting Diode (LED) units within the legend or symbol of a sign and in the border as provided in Section 2A.7.

2C.47 Two-Direction Large Arrow Sign (W1-7)



W1-7

STANDARD:

The Two-Direction Large Arrow (W1-7) sign shall be a horizontal rectangle.

If used, it shall be installed on the far side of a T-intersection in line with, and at approximately a right angle to, traffic approaching from the stem of the T-intersection.

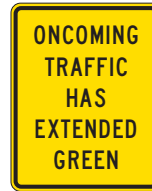
The Two-Direction Large Arrow sign shall not be used where there is no change in the direction of travel such as at the beginnings and ends of medians or at center piers.

The Two-Direction Large Arrow sign directing traffic to the left and right shall not be used in the central island of a roundabout.

GUIDANCE:

The Two-Direction Large Arrow sign should be visible for a sufficient distance to provide the road user with adequate time to react to the intersection configuration.

2C.48 Traffic Signal Signs (W25-1, W25-2)



W25-1



W25-2

STANDARD:

At locations where either a W25-1 or a W25-2 sign is required based on the provisions in Section 4D.05, the W25-1 or W25-2 sign shall be installed near the left-most signal head. The W25-1 and W25-2 signs shall be vertical rectangles.

2C.49 Vehicular Traffic Signs (W8-6, W11-1, W11-5, W11-5a, W11-6, W11-8, W11-10, W11-11, W11-12p, W11-14, W11-15, W11-15a, W11-15P, W11-X3,)



W8-6



W11-1



W11-1



W11-5



W11-5a



W11-6

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