

(UPDATED 6-8-18)

INTERSECTION, CURVE, TURN SIGNS & SUPPLEMENTAL STREET NAME PLAQUES GUIDELINE

Advance Street Name Plaques

General:

- All signs shall be made of sheet aluminum.
- No signs shall be constructed for developers or private drives (ie: Starbucks, Dunkin Donuts, Target, Shopping Plazas).
- Designation of signs shall be W16-8(M) for one line of text, W16-8b(M) for two lines of text or W16-8c(M) for three lines of text.

Size of Sign:

Maximum width for an Advance Street Name Plaque width shall be 48" (exceptions may be made for incredibly long street names). In these cases the width may be increased by 6" increments.

Minimum width for an Advance Street Name Plaque width shall be 36".

The height of Advance Street Name Plaque is as follows:

- If using one line of copy the street name plaque shall be 8".
- If using two lines of copy the street name plaque shall be 16".
- If using three lines of copy the street name plaque shall be 24" (maximum).

Only one line of copy allowed per street name.

Lower case letters (g, j, p, q, y) shall be allowed to encroach into the proper spacing or clearance at the bottom of the sign (as shown below).



Color of Sign:

- Signs shall have Type IV sheeting with black text and border on yellow background for intersection signs and Type VIII sheeting with black text and border on fluorescent yellow background for all curve signs.

Arrows:

- Right/left arrow size - 4" high x 6" long.
- Advance arrow size - 4" high x 5.1" long.
- Straight arrow size - 5" high x 4" wide.

Borders:

- Border radius - 1.5”
- Border thickness - .38”
- Indent - .38”

Design:

Size of lettering:

- All letter size for text shall start at 4C at 100% spacing.
- All letter size for abbreviated road types shall be 4C. Examples: Rd, St, Ave, Blvd, Ter, Pkwy, Ln, Pl, Rte etc.
- Signs that have Mac in their names may need to have upper case C. Examples: Mcadam, Mccoy, and Macveagh.

If text does not fit, use these guidelines:

- Reduce arrow length to 5 inches.
- Reduce spacing by 5% increments until 80% and reduce space between words, arrows and edge of sign proportionally.
- Reduce letter size to 4B text at 100% spacing then reduce spacing by 5% increments until 80% and reduce space between words, arrows and edge of sign proportionally.
- Reduce spacing between words down to a minimum of 1.75".
- Reduce spacing between words and arrows down to a minimum of 1.75".
- Reduce spacing between edge of sign and first/last letter. (minimum spacing from edge of sign to first letter (and last letter) shall be 1.5"). It is preferable that the spacing between edge of sign and first/last letter and space between words be the same.
- Continue reducing spacing from 80% by 5% increments down to a minimum of 30% spacing.

Curve, Turns, Intersection and Stop Ahead Signs

- All of the 30” x 30” intersection signs (W2 series) shall be field located per Table 2C-4 or if an intersection assembly is used per figure 2A-4 of the MUTCD.
- All of the 36” x 36” curve and turn signs (W1 series) shall be field located per Table 2C-4 of the MUTCD taking side road locations into consideration to determine if curve sign placement. Curve and Turn signs take priority over Intersection signs.
- All street name supplemental plaques attached below a 36” x 36” curve sign shall not exceed 48” in length.

- All of the 30" x 30" intersection signs (W2 series) and attached street name supplemental plaques shall be non- fluorescent black/yellow.
- All street name supplemental plaques attached below a 30" x 30" intersection sign shall not exceed 42" in length.
- When multiple side roads exist all side road tabs on the W2 series shall not be angled (skewed). W2-3 signs will be allowed where only one side road exists.
- The maximum distance between roads on the W2 series signs shall be 600 ft. This is similar to the curve and turn signs criteria as noted in the MUTCD.
- The width and location of the side road tabs on the W2 series signs shall be 60% of the width of the main road line (a NH Standard Sign showing this info may have to be created).
- If after an engineering review it is determined that an existing curve sign can be removed that had existing street name supplemental plaques attached, an Intersection sign (W2 series) with a road name panel may be installed.
- Per 2C.07 02 of MUTCD a Turn sign (W1-1) shall be used instead of a Curve sign (W1-2) when horizontal curves have advisory speeds of 30 mph or less.
- Existing "Stop Ahead" symbol signs (W3-1) with a curved arrow shall be replaced with a straight arrow, per MUTCD.
- All 36" x 36" curve signs, attached street name supplemental plaques, chevrons, arrows and advisory speed panels shall be fluorescent yellow.
- Show any signs which are currently attached to curve sign posts on the plan sheets that will be relocated.
- Curve and intersection signs shown in the MUTCD may be modified to account for the varying side road intersections.
- All roads (maximum of three) within a curve need a street name supplemental plaque (excluding private roads).
- Per 2C.58 04 A & B in the MUTCD for a crossroad intersection the name of the street to the left shall be above the street to the right. Only exception would be a new street that is straight through. The "through" arrow shall be on top.
- For two or more staggered intersections where a street name supplemental plaque is used the name of the first street should be above the name of the second street and so on for a third. The arrow associated with the second and third street shall always be an "advanced" arrow.

Chevrons

- On the plan sheets per Table 2C-6 in the MUTCD show the maximum distance between chevrons (near the chevrons). This will assist the Contract Administrator with the field review.
- If there are chevrons in a curve facing in two directions mount chevrons on separate u-channels posts to get the correct angle.
- A minimum of two chevrons are required for any given curve regardless of how short it may be.

One Direction Large Arrow Sign

- The One Direction Large Arrow sign (W1-6) shall be used on a curve if:
- Insufficient curve/turn length.
- Roadside conditions or vertical alignment of the highway makes it impossible for two chevrons to be seen at the same time.
- At curves or turns where horizontal alignment changes abruptly such as a compound curve.

Post Mounting

- Single u-channel post (2.5 lb/ft) to be used if total sign area is under 9.0 square feet.
- Two u-channels posts (2.5 lb/ft) to be used if total sign area is 9.0 square feet or greater.
- Minimum depth the u-channel posts shall be set below the ground shall be 36”.