



# 3A

STATE OF DELAWARE  
**DEPARTMENT OF TRANSPORTATION**  
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**TO:** All Users of the Delaware Manual on Uniform Traffic Control Devices

**FROM:** Peter Haag, P.E., PTOE  
Chief of Traffic Engineering *PH*

**DATE:** October 15, 2019

**SUBJECT:** Sizing and Layout of Street Name Signs (D3-1), **Revision 1**

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**This revision will supersede the design guidance provided in the original memorandum, dated January 31, 2019.**

Section 1A.07 of the Delaware Manual on Uniform Traffic Control Devices (DE MUTCD Revision 3) states:

**Option:**

01A (DE Revision) With approval of the Delaware Department of Transportation Chief Engineer, traffic control devices and applications that do not comply with one or more standard statements in this manual may be used, if it has been determined based on engineering judgment that such devices/applications follow the basic precepts of traffic control devices (incorporating design elements that promote the ability of the road user to perceive, comprehend, and react as intended) and are determined to be in the best interests of Delaware's road users.

Accordingly, DelDOT is providing the following Support, Option, Guidance, and Standard statements regarding design and sizing of Street Name (D3-1) signs:

**Support:**

01 To provide layout and sizing guidelines for designing and fabricating Street Name (D3-1) signs at the intersection of two subdivision streets only (see Figure 1 and Table 1). Paragraphs 01 through 03, Figure 1 and Table 1 provide layout and sizing guidelines.

*Guidance:*

02 *Design and fabrication of Street Name signs at intersections of two subdivision streets should be based on the following material and sizing/layout criteria:*

*Material-*

*Background-Electrocut film - Green*

*Legend- High Intensity-White*

*Sizing / Layout-*

a) Dimensions: 12" x 8", 18" x 8", 24" x 8", 30" x 8", 36" x 8", 42" x 8", 48" x 8". One line only.

b) Letters: Use 4" Highway C for the street name and 3" Highway C for the type of street (Rd/St/Dr/Ave/Blvd) with the initial letter being upper-case and the rest of the legend being lower-case letters.

c) Legend: If the legend does not fit within 48" x 8" panel, use the 4" Highway C and 3" Highway C with narrow letter kerning. If the legend still does not fit within 48" x 8" panel, then downsize letters by ½" increments until it fits. Use narrow letter kerning to fit the legend on the panel before downsizing letter heights.

d) Punctuation: Do not use punctuation.

**Standard:**

03 **The design of upper-case, lower-case letters, numerals and spacing shall be provided in the "Standard Highway Signs and Markings" book (see Section 1A.11) and/or in the Delaware Standard Signs book.**



48" x 8" - Highway C (4") for street names and Highway C (3") for type of street. Legend is center justified with **normal** letter kerning.



48" x 8" - Highway C (4") for street names and Highway C (3") for type of street. Legend is center justified with **narrow** letter kerning.



48" x 8" - Highway C (3.5") for street names and Highway C (2.5") for type of street. Legend is center justified with **normal** letter kerning.

Figure 1. Street Name (D3-1) signs at the intersection of two subdivision streets laid out using normal and narrow letter kerning.

Support:

04 To provide layout and sizing guidelines for designing and fabricating Street Name (D3-1) signs on roads with posted speed limit  $\leq 40$  MPH (see Figure 2 and Table 1). Paragraphs 04 through 06, Figure 2 and Table 1 provide layout and sizing guidelines.

*Guidance:*

05 *Design and fabrication of Street Name signs on roads with posted speed limit  $\leq 40$  MPH should be based on the following material and sizing/layout criteria:*

*Material-*

*Background-Electrocut Film - Green*

*Legend- High Intensity-White*

*Sizing / Layout-*

a) Dimensions: 18" x 12", 24" x 12", 30" x 12", 36" x 12", 42" x 12", 48" x 12". One line only.

b) Letters: Use 6" Highway C for street name and 4" Highway C for type of street (Rd/St/Dr/Ave/Blvd) with initial the letter being upper-case and the rest of the legend being lower-case letters.

c) Legend: If the legend does not fit within 48" x 12" panel, use the 6" Highway C for the street names and 4" Highway C for the type of street with narrow kerning. If that still does not fit, then use 6" Highway B for the street names and 4" Highway B letters for the type of street. If the legend still does not fit within 48" x 12" panel, then downsize the letters by  $\frac{1}{2}$ " increments using Highway B letters until it fits. Use narrow letter kerning to fit the legend on the panel before downsizing letter heights.

d) Punctuation: Do not use punctuation.

**Standard:**

06 **The design of upper-case, lower-case letters, numerals, route shields, and spacing shall be provided in the "Standard Highway Signs and Markings" book (see Section 1A.11) and/or in the Delaware Standard Signs book.**



48" x 12" - Highway C (6") for street names and Highway C (4") for type of street. Legend is center justified with **normal** letter kerning.



48" x 12" - Highway B (6") for street names and Highway B (4") for type of street. Legend is center justified with **narrow** letter kerning.



48" x 12" - Highway B (5.5") for street names and Highway B (3.5") for type of street. Legend is center justified with **normal** letter kerning.

Figure 2. Street Name (D3-1) signs on roads with posted speed limit  $\leq 40$  MPH, laid out using normal and narrow letter kerning.

**Support:**

07 To provide layout and sizing guidelines for designing and fabricating Street Name (D3-1) signs on roads with posted speed limit > 40 MPH (see Figure 3 and Table 1). Paragraphs 07 through 09, Figure 3 and Table 1 provide layout and sizing guidelines.

**Guidance:**

08 *Design and fabrication of Street Name signs on roads with posted speed limit > 40 MPH should be based on the following material and sizing/layout criteria:*

**Material-**

*Background-Electrocut Film - Green*

*Legend- High Intensity-White*

**Sizing / Layout:**

a) Dimensions: 24" x 18", 30" x 18", 36" x 18", 42" x 18", 48" x 18". One line only.

b) Letters: Use 8" Highway C for street name and 6" Highway C for the type of street (Rd/St/Dr/Ave/Blvd) with the initial letter of each word in upper-case and the remaining letters as lower-case.

c) Legend: If legend does not fit within 48" x 18", use 8" Highway C for street names and 6" Highway C for the type of street with narrow kerning. If that still does not fit, then use 8" Highway B for street names and 6" Highway B letters for the type of street. If legend still does not fit within 48" x 18" panel, then downsize the letters by 1/2" increments using Highway B letters until it fits. Use narrow letter kerning to fit the legend on the panel before downsizing letter heights  
*Note: If the resulting street name legend height is less than 6" and the street name is comprised of more than one word, the legend should be converted to a left-justified multi-line arrangement as shown in Figure 4 using Highway C and normal letter kerning.*

d) Punctuation: Do not use punctuation.

**Standard:**

09 **The design of upper-case, lower-case letters, numerals, route shields, and spacing shall be as provided in the "Standard Highway Signs and Markings" book (see Section 1A.11) and/or in the Delaware Standard Signs book.**



48" x 18" - Highway C (8") for street names and Highway C (6") for type of street. Legend is center justified with **normal** letter kerning.



48" x 18" - Highway B (8") for street names and Highway B (6") for type of street. Legend is center justified with **normal** letter kerning.



48" x 18" - Highway B (8") for street names and Highway B (6") for type of street. Legend is center justified with **narrow** letter kerning.

Figure 3. Street Name (D3-1) signs on roads with posted speed limit > 40 MPH, laid out using normal and narrow letter kerning.



48" x 18" – Highway B (5") for street names and Highway B (3") for type of street. Legend is **center** justified with **narrow** letter kerning.




48" x 18" – Highway C (5") for street names and Highway C (3") for type of street. Legend is **left** justified with **normal** letter kerning.

Figure 4. Street Name (D3-1) signs on roads with posted speed limit > 40 MPH, using left-justified, multi-line Highway C lettering with normal kerning.

Table 1. Summary of sizing and legend criteria for Street Name (D3-1) signs

	Subdivision streets	Roads with posted speed limit ≤ 40 MPH	Roads with posted speed limit > 40 MPH*
<b>Sign Height (in)</b>	8	12	18
<b>Sign Length (in)</b>	12	-	-
	18	18	-
	24	24	24
	30	30	30
	36	36	36
	42	42	42
	48	48	48
<b>Legend for Street Name</b>	Highway Gothic C 4"	Highway Gothic C 6"	Highway Gothic C 8"
<b>Legend for Type of Street</b>	Highway Gothic C 3"	Highway Gothic C 4"	Highway Gothic C 6"
<b>Letter Kerning</b>	Normal	Normal	Normal

\*For legends less than 6" in height and street names containing more than one word, see Figure 4 for recommended formatting.

Concurred By:  11/19/19  
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