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STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
800 BAY ROAD
P.O. Box 778
DOVER, DELAWARE 19903

JENNIFER COHAN
SECRETARY

TO: All Users of the Delaware Manual on Uniform Traffic Control Devices

FROM: Mark Luszczyk, P.E., P.T.O.E. *ML*
Chief Traffic Engineer

DATE: May 1, 2018

SUBJECT: Low Stress Bicycle Network Signs

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 Option, Guidance, and Standard statements regarding Low Stress Bicycle Network signs:

Option:

01 To identify roadways and paths that are appropriate for most skill levels of bicyclists, Low Stress Bicycle Network (D11-1-DE, D11-1-DE1, D11-1-DE2) signs (see Figure 1) may be used.

Guidance:

02 *On state maintained roadways, determination of roadways and paths for use of Low Stress Bicycle Network signs should be jointly agreed upon by the DelDOT Planning Division and DelDOT Traffic Sections. Within municipalities, municipal staff should also agree to this determination, and the municipality should own and maintain the Low Stress Bicycle Network signs.*

Standard:

03 The Low Stress Bicycle Network (D11-1-DE, D11-1-DE1, D11-1-DE2) route and confirmation signs shall have a maroon background (Pantone 209C) with a retroreflectorized white legend and border (see Figure 1).



Figure 1. Low Stress Bicycle Network Signs

Option:

04 The text on the Low Stress Bicycle Network sign may be “Low Stress Bikeway”, the name of the named bicycle route or multi-use path, or the name of a municipality.

05 Any bicycle guide sign described in Section 9B.20 through Section 9B.25 of the Delaware MUTCD may use the same color as the Low Stress Bicycle Network route and confirmation signs, and may include a low stress bicycle network identification enhancement marker, when used on a route considered a Low Stress Bicycle Network.

Guidance:

06 The D11-1-DE sign should be 18 inches wide by 12 inches high. Other signs (such as D11-1-DE1 and D11-1-DE2) should be 18 inches wide and proportionate in height. The straight arrow plaque (M6-1-DE) should be 12 inches wide by 6 inches high. The advanced arrow plaque (M5-1-DE) should be 12 inches wide by 9 inches high.


Concurred By: Robert McCleary
Chief Engineer