



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION

800 BAY ROAD
P.O. BOX 778
DOVER, DELAWARE 19903

CAROLANN WICKS, P.E.
SECRETARY

MEMORANDUM

TO: Mark Alexander, Canal District Engineer
Andy Bowman, North District Engineer
Drew Boyce, Assistant Director, North Project Development
Tom Clements, Assistant Director, North Construction
Tom Greve, Central District Engineer
Joel Leidy, Assistant Director, South Construction
Dennis O'Shea, Assistant Director, Design
Mike Simmons, Assistant Director, South Project Development
Don Weber, Chief Traffic Engineer
Joe Wright, South District Engineer

FROM: Natalie Barnhart, Chief Engineer *NB*

DATE: June 22, 2009

SUBJECT: Revision to Centerline Striping Guidance

Currently Section 3B.01 Yellow Centerline Pavement Markings in the Delaware MUTCD states that yellow centerline markings "may be placed on any paved roadway 5.8m (19 ft.) or more in width and an average daily traffic (ADT) count of 1,000 vehicles per day or greater."

After discussion with the Traffic Section and in response to increased requests for centerline striping on our lower volume roadways, the Department is lowering the ADT threshold for centerline striping to 500 vehicles per day as of the date of this memorandum. No changes are being made to the minimum width of roadway (5.8m or 19'), or the need for an engineering study if striping is requested for roads with less than the required ADT.

In addition, roadways that are under consideration for rehabilitation or conversion through the Pavement Management Section should be widened to the minimum 5.8m (19') whenever economically and technically feasible to ensure that centerlines can be incorporated into the project.

Please share this information with all staff that is involved with design, plan review, or inspection activities.

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I have attached the revised guidance that will become a part of the Delaware MUTCD for reference.

Thank you for your cooperation.

NB:gs
Attachment

cc: Jim McNinch, Director, Maintenance & Operations
Ralph Reeb, Director, Planning



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To: All Users of the Delaware Manual On Uniform Traffic Control Devices

From: Donald D. Weber, P.E.
Chief Traffic Engineer

A handwritten signature in black ink, appearing to read "D. Weber", written over a faint circular stamp.

Date: June 12, 2009

Subject: Supplemental Guidance for Marking of Centerlines on State Maintained Roadways

This memorandum is to serve as supplemental guidance relating to the marking of centerlines on paved roadways maintained by the State (DelDOT); those designated in the roadway maintenance inventory by N###, K### or S###.

The Delaware Manual on Uniform Traffic Control Devices (DE MUTCD), Section 3B.01 Yellow Centerline Pavement Markings and Warrants states that:

Standard:

Centerline markings shall be placed on all paved roadways that have a traveled way of 5.8 m (19 ft) or more in width and an Average Daily Traffic (ADT) of 1,000 vehicles per day or greater.

Guidance:

Centerline markings may be placed on any paved roadway 5.8 m (19 ft) or more with an ADT less than 1,000 where an engineering study indicates such a need. Surface treated roads 5.8 m (19 ft) wide with an ADT greater than 1,000 should have a centerline marking. Surface treated roads 5.8 m (19 ft) wide with an ADT less than 1,000 may have centerline markings on the basis of an engineering study.

Subdivision roads typically should not have a centerline marking unless an engineering study indicates such a need.

Engineering judgment should be used in determining whether to place centerline markings on traveled ways that are less than 5.8 m (19 ft) wide because of the potential for traffic encroaching on the pavement edges, traffic being affected by parked vehicles, and traffic encroaching into the opposing traffic lane.

Option:

If a traffic count is not available, the ADTs may be obtained from the DelDOT Traffic Summary.

DelDOT has been working on a Surface Conversion Program to convert all State maintained roadways with an ADT greater than 500 vehicles per day to a paved surface. *As such this guidance is issued to require that centerline markings shall be placed on all paved roadways, maintained by the DelDOT, that have a traveled way of 5.8 m (19 ft) or more in width and an ADT of 500 vehicles per day or greater. Centerline markings may be placed on any paved roadway, maintained by DelDOT, that is 5.8 m (19 ft) or more in width with an ADT less than*

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500 where an engineering study indicates such a need. All other provisions of Section 3B.01 remain as adopted.

Existing paved roadways that have centerlines but may have an ADT less than 500 vehicles per day should have the centerlines replaced when the roadway is resurfaced if the traveled way width is 5.8 m (19ft) or greater. If the existing width is less, please contact the Traffic Section for guidance.

DW