



# INDIANA DEPARTMENT OF TRANSPORTATION

*Driving Indiana's Economic Growth*

## Design Memorandum No. 20-24

November 5, 2020

**TO:** All Design, Operations, and District Personnel, and Consultants

**FROM:** /s/ David Boruff  
David Boruff  
Manager, Office of Traffic Administration  
Traffic Engineering Division

**SUBJECT:** Temporary Pavement Markings

**REVISES:** *Indiana Design Manual* section 503-7.03 and 503-7.03(01)

**EFFECTIVE:** Lettings on or after March 1, 2021

The Standards Committee has approved revisions to the *Standard Specifications* section 801.12 to require that temporary edge lines be placed within 10 workdays of opening a segment of resurfaced roadway to traffic. This requirement applies to locations that have been specified for permanent durable edge line pavement markings.

RSP 801-T-128, Temporary Pavement Markings, should be included in contracts that specify durable pavement markings until such time as the provision is incorporated into the 2022 *Standard Specifications*.

When permanent durable edge line pavement markings are specified in the contract, a quantity of Temporary Pavement Marking \_\_\_ in., matching the width of the existing edge line, should be included. The referenced IDM sections have been revised to incorporate guidance on providing temporary edge lines.

Questions regarding temporary edge lines should be directed the Division of Construction Management, Tom Harris, [tharris@indot.in.gov](mailto:tharris@indot.in.gov).

## **IDM Revisions**

### **503-7.03 Temporary Pavement Markings**

The INDOT *Standard Drawings* and the *IMUTCD* provide the INDOT criteria for the selection, application, and placement of pavement markings in a construction zone.

INDOT *Standard Specifications* section 801 requires temporary pavement markings to be placed prior to opening the lane to traffic. This includes the marking patterns of gore areas, outside edge line of deceleration and acceleration lanes, narrow bridge markings, lane reduction transitions, lane lines, centerlines, and transverse markings as appropriate.

A quantity for temporary pavement markings for edge lines should be included when durable edge line pavement markings are warranted in accordance with Figure 502-2C.

For temporary markings used in conjunction with HMA pavement, the quantity should be calculated for each lift of intermediate and surface.

The width specified should be that of the existing pavement marking.

#### **503-7.03(01) Types**

1. Paint. Quick-drying traffic paint is a low-cost, temporary pavement marking. To improve reflectivity, glass beads are required. Temporary paint is a non-removable type of temporary pavement marking and is not allowed on a final pavement surface except as follows.

If it is anticipated that the temporary markings will be in place through the winter months, temporary paint may be the most suitable choice on a final pavement surface. The decision to use temporary paint under these conditions should be coordinated with the district Traffic Office and district Construction.