



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

INDOT Traffic Management Division
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Indianapolis, Indiana 46219

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Mitchell E. Daniels, Jr., Governor
Michael B. Cline, Commissioner

November 2, 2011

Federal Highway Administration
Attn: Robert F. Tally, Jr.
Indiana Division Administrator
575 N Pennsylvania St. Rm. 254
Indianapolis, IN 46204

Dear Mr. Tally,

Transmitted herewith for your concurrence is the proposed 2011 Indiana Manual on Uniform Traffic Control Devices (IMUTCD). The 2011 IMUTCD is based on the 2009 National MUTCD and was developed to address conflicts between the National MUTCD and state code and to allow for Indiana specific practices; when adopted the proposed IMUTCD will replace the that of 2008.

To develop our own version of the MUTCD six review committees, each covering different Parts of the Manual, made recommendations on where variations are needed and where they are not. The Review Committees then submitted their recommendations to the Steering Committee where the recommendations were accepted or reversed. About one-third of the Review Committee recommendations were reversed.

Among the 76 variations proposed for inclusion in the IMUTCD are:

- Part 1 (General). Changing the definition of a standard in Section 1A.13 so that deviations from standards (requirements) are allowed on a case by case basis where the standard is impossible or impractical to meet, provided the need for the deviation is documented.
- Part 2 (Signs). The deletion of photo enforcement signs (regulatory Section 2B.55; Warning 2C.61) as Indiana State Code does not recognize this practice.
- Part 2. Deleting references in Sections 2J.01 and 2J.02 to 24 hour pharmacies since the state administrative code (105 IAC 9-4) does not include them as an allowable logo sign category.
- Part 4 (Traffic Signals). In Section 4C.02 the addition of an AADT equivalency table to allow signal warrant analysis for proposed intersections.
- Part 4. In Sections 4C.03, 4C.04, 4C.05 and 4C.10 the addition of mathematical equations to supplement the graphical method of signal warrants analysis. These equations are the basis for signal warrant analysis software used by INDOT, local agencies, and consultants
- Part 4. Prohibiting portable traffic signals as Indiana Code does not provide for warranting of such devices (section 4D.32)



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- Part 6 (Temporary Traffic Control). The exclusion of the Red/Yellow Lens type of Automated Flagging Assistance Devices (Section 6E.06) as this is a portable traffic signal.
- Part 6. The inclusion in Section 6F.12 of the Worksite Added Penalty sign which is required for certain work zones by state code.
- Part 6. The addition of 6 new typical applications (illustrations) for temporary traffic control. These illustrate scenarios not covered in the NMUTCD such as Work in a Roundabout (Section 6H.01)
- Part 7 (School Areas). The addition of Section 7D.06 to 7D.08 which provides information on Student Patrols for school crossings.
- Part 8 (Grade Crossings). Prohibiting (8B.07) the "EXEMPT" plaque on railroad crossbuck signs as state code (IC 8-6-15-1) requires all vehicles to yield or stop at crossing- buses and hazardous cargo carrying vehicles included.
- Part 8. Changing the required time for railroad crossing gates to be activated once train traffic is detected to a minimum of 20 seconds before arrival of train at the crossing. This change is based on Indiana practice on clearing vehicular traffic from crossing.

The 2011 IMUTCD has been developed to be in substantial conformance to the National MUTCD as required by 23 CFR 655.603(b)(3) and IC 9-21-2-2. Please signify your concurrence by signing below and returning this letter to INDOT.

Upon receiving your concurrence we will forward the 2011 IMUTCD to Commissioner Cline for adoption as stipulated by IC-9-21-2-1.

Recommended for approval by:

Troy Woodruff, Deputy Commissioner of Operations, Indiana Dept. of Transportation

FHWA Concurrence:

Robert F. Tally Jr, Administrator, FHWA Indiana Division

Enclosure: 2011 Indiana Manual on Uniform Traffic Control Devices

cc: Karen Stippich, Steering Committee

David Boruff (INDOT Traffic Administration), Steering Committee

ORDER AND ADOPTION OF
THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
FOR STREETS AND HIGHWAY

WHEREAS, the Commissioner of the Indiana Department of Transportation (INDOT) must adopt the Indiana Manual on Uniform Traffic Control Devices for Streets and Highways, pursuant to Indiana Code 9-21-2, cited in relevant part below:

IC 9-21-2-1

Creation

Sec. 1. The Indiana department of transportation shall adopt the Indiana Manual on Uniform Traffic Control Devices for Streets and Highways by order of the commissioner of the Indiana department of transportation with a letter of concurrence from the Federal Highway Administration.

As added by P.L.2-1991, SEC.9. Amended by P.L.36-2008, SEC.1.

IC 9-21-2-2

Conformance with other state and federally approved manuals

Sec. 2. The Indiana Manual on Uniform Traffic Control Devices for Streets and Highways must substantially conform with the Manual on Uniform Traffic Control Devices for Streets and Highways, 1961 Edition, and the Manual for Signing and Pavement Marking for the National System for Interstate and Defense Highways, 1962 Edition, and all other manuals and revisions to the manuals that have the approval of the Federal Highway Administrator.

As added by P.L.2-1991, SEC.9.

IC 9-21-2-3

Revisions to manual; approval by department of transportation

Sec. 3. All manuals (including revisions to the manuals) described in section 2 of this chapter may be considered to become a part of the Indiana Manual on Uniform Traffic Control Devices for Streets and Highways if the following conditions exist:

(1) The Indiana department of transportation concurs in the revisions.

(2) The Indiana department of transportation adopts the manuals (including revisions) by order of the commissioner of the Indiana department of transportation.

As added by P.L.2-1991, SEC.9. Amended by P.L.36-2008, SEC.2.

IC 9-21-2-4

Adoption of control devices where federal standards are silent

Sec. 4. The Indiana department of transportation may add control devices to the state manual in those areas where the federal standards are silent.

As added by P.L.2-1991, SEC.9.

WHEREAS, INDOT's Traffic Management Division has created the 2011 Indiana Manual on Uniform Traffic Control Devices for Streets and Highways (2011

IMUTCD) and shall make it available to the public both on INDOT's website and at INDOT's Central Office; and

WHEREAS, the Federal Highway Administration (FHWA) has provided INDOT with a letter of concurrence for INDOT to adopt the 2011 IMUTCD, pursuant to IC 9-21-2-1, dated November 2, 2011, which is attached and incorporated by reference; and

WHEREAS, the letter from the FHWA confirms that the 2011 IMUTCD is in substantial conformance with the 2009 National Manual on Uniform Traffic Control Devices, as required by 23 CFR 655.603(b) and IC 9-21-2-2.

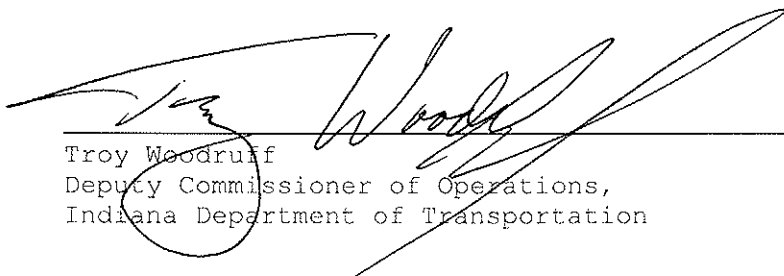
WHEREAS, pursuant to Indiana Code 8-23-2-6, the Commissioner of the Indiana Department of Transportation, in this case Michael B. Cline, is authorized to delegate certain duties and responsibilities including the ability to "execute all documents and instruments necessary to carry out its [the Department's] responsibilities;" and

WHEREAS, by written and signed delegation of June 6, 2011, Commissioner Cline, delegated to Troy Woodruff, Chief Operations Officer and Deputy Commissioner the authority to "approve and sign the Indiana Manual on Uniform Traffic Control Devices ("MUTCD") and revisions thereto;"

NOW THEREFORE, I, Troy Woodruff, Chief Operations Officer and Deputy Commissioner do, by my signature below and on the date so indicated, hereby ADOPT the 2011 IMUTCD in its entirety.

I FURTHER ORDER that the 2011 IMUTCD be the standard for all traffic control devices on any street, highway, or bicycle trail open to the public, pursuant to 23 CFR 655.603.

It is so ordered, this 21 day of November, 2011



Troy Woodruff
Deputy Commissioner of Operations,
Indiana Department of Transportation