



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

Design Memorandum No. 15-15 **Technical Advisory**

July 9, 2015

Rev. July 25, 2017

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

FROM: /s/ Elizabeth W. Phillips
Elizabeth W. Phillips
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Bridges Division

SUBJECT: Worksite Increased-Penalty Signs

SUPERSEDES: Design Memo 07-10

EFFECTIVE: Lettings on or after September 1, 2015

This memo has been revised to reflect the appropriate pay item in accordance with the *2018 Standards Specifications*, effective for lettings on or after September 1, 2017.

Recurring Special Provision 801-R-542, Worksite Added Penalty Signs, has been revised to reflect changes to the sign designations. The RPD also reflects a change in the penalty for Reckless Driving from 8 years to 6 years in accordance with House Enrolled Act 1305. The associated Recurring Plan Details 801-R-542d, 801-R-543d, and 801-R-544d have been deleted and incorporated into RPD 801-R-622, sheets 3 and 5. For completeness the 07-10 Design Memo which first described the signs and their use is repeated below. The deleted information is struck through and the current and new information in italics. Headings have been added for clarity.

House Enrolled Act 1623 requires signs for each roadway work zone which inform the motorist of increased penalties for moving violations. This requirement became effective on July 1 [2007].

The contract documents should include the proper plan details, quantities, and pay items for the signs. Recurring Plan Details 801-R-542d, 801-R-543d, and 801-R-544d **801-R-622d**, available at <http://www.in.gov/dot/div/contracts/standards/rsp/sep15/sep15.htm>, provides details.

Use of a single Worksite Added Penalty (WAP) sign

The ~~XG20-7~~ **XW2-6-A Worksite Added Penalty** sign, 78 in. x 42 in., should be specified for a rural area with sufficient right of way to accommodate the sign. It should be specified for an urban area with a posted speed limit of 40 mph or higher, and sufficient right of way to accommodate the sign.

The ~~XG20-7a~~ **XW2-6 Worksite Added Penalty** sign, 60 in. x 36 in., should be specified for an urban area with a posted speed limit of 35 mph or lower, under one of the conditions as follows:

1. the existing conditions outside the edge of pavement make installation of driven posts impractical, or
2. the width of the right of way outside of the edge of pavement is not sufficient to accommodate the ~~XG20-7~~ **XW2-6-A** sign.

Use of Speeding and Reckless Driving signs in place of a single WAP sign

Rural project. The ~~XG20-7b~~ **XW2-6a-B Speeding** and ~~XG20-7e~~ **XW2-6b-B Reckless Driving** signs, both 48 in. x 48 in., should be specified to be used in series with each other, and should be used in a rural area under one of the conditions as follows:

1. the project is in an area where the right-of-way width outside of the edge of pavement is not sufficient to accommodate the ~~XG20-7~~ **XW2-6-A** sign; or
2. the project is a moving operation where construction signs are set and removed each day to accommodate the changing location of the work.

Urban project. *The **XW2-6a-A Speeding** and **XW2-6b-A Reckless Driving** signs, both 36 in. x 36 in., should be specified to be used in series with each other, and should be used in urban areas where the right-of-way width outside of the edge of pavement is not sufficient to accommodate the **XW2-6** or if the project is a moving operation where construction signs are set and removed each day to accommodate changing location of the work.*

Sign Location and Quantities

The following guidelines should also be used to determine the location and quantity of the signs.

[P:\Structural Services\Design Memos\Signed\2015\15-15ta Worksite Added Penalty Signs REV.doc]

1. Signs are required for a project in which traffic will travel through an active construction zone marked by “Road Construction Ahead” and “End Construction” signs.
2. An ~~XG20-7~~ **XW2-6-A** or ~~XG20-7a~~ **XW2-6** sign, where warranted, should be placed in advance of the first “Road Construction Ahead” sign for each direction of travel on the project mainline. The advance distance should be 500 ft in a rural area, or 100 ft in an urban area.
3. ***Rural project.*** ~~XG20-7e~~ **XW2-6b-B Reckless Driving** and ~~XG20-7b~~ **XW2-6a-B Speeding** signs, where warranted, should be placed in advance of the first “Road Construction Ahead” sign for each direction of travel on the project mainline. The advance distance for the ~~XG20-7e~~ **XW2-6b-B Reckless Driving** sign should be 1000 ft ~~in a rural area, or 200 ft in an urban area.~~ The advance distance for the ~~XG20-7b~~ **XW2-6a-B Speeding** sign should be 500 ft ~~in a rural area, or 100 ft in an urban area.~~

Urban project. **XW2-6b-A Reckless Driving and XW2-6a-A Speeding signs, where warranted, should be placed in advance of the first “Road Construction Ahead” sign for each direction of travel on the project mainline. The advance distance for the XW2-6b-A Reckless Driving sign should be 200 ft. The advance distance for the XW2-6a-A Speeding sign should be 100 ft .**
4. Signs should not be placed on side roads or ramps leading into a construction zone.
5. Signs are not required if the active construction zone is completely isolated from live traffic, i.e., a full road closure with a detour, or construction along a new alignment.

The general location of the signs should be indicated as for any other construction sign shown on the maintenance of traffic plan.

The pay item is 801-03290, Construction Sign, **Type A**. The pay unit is each.