

## INDIANA DEPARTMENT OF TRANSPORTATION

**Driving Indiana's Economic Growth** 

## Design Memorandum No. 09-24 Technical Advisory

November 10, 2009

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

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**SUBJECT** Positive Protection in Work Zone

REVISES: Indiana Design Manual Section 82-4.01

**EFFECTIVE:** April 14, 2010, Letting

Positive-protection devices should be considered in each work-zone situation that places workers at increased risk from motorized traffic, and where positive-protection devices offer the highest potential for increased safety for workers and road users. The decision regarding the use of positive protection is to be documented and placed in the project file. Each location listed in *Indiana Design Manual* Section 82-4.01 should be addressed separately in the documentation.

Additional considerations for assessing the need for positive protection include a work zone that provide workers no means of escape from motorists, or a construction-zone design speed of 45 mph (70 km/h) or higher.

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