



# INDIANA DEPARTMENT OF TRANSPORTATION

*Driving Indiana's Economic Growth*

## Design Memorandum No. 17-24 Technical Advisory

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

**FROM:** /s/Elizabeth W. Phillips  
Elizabeth W. Phillips  
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**SUBJECT:** Curb Ramp Design Reminders

On behalf of the INDOT ADA Technical Advisory Committee, this memo is to bring to your attention a few frequently missed details related to curb ramp and sidewalk design. Designers should become familiar with the design and plan requirements contained in *Indiana Design Manual* section 51-1.0, Accessibility.

- Preferred slopes are to be used for design. For example, cross slopes should be designed for 1.5%, not the maximum of 2.0%
- The counter slope should be detailed. Where the rate of change between the counter slope and the ramp running slope exceeds 11% a 2-ft level area should be provided.
- Pedestrian pushbutton location should be considered when locating and designing a curb ramp. Side reach, mounting height, and presence of a compliant pedestrian pushbutton clear space are essential for achieving an accessible facility.

Where a curb ramp design element does not meet the criteria set by the *Public Rights-of-Way Accessibility Guidelines* (PROWAG) or the Department, a technical inquiry or determination of technical infeasibility should be submitted to the ADA Technical Advisory Committee in accordance with *Indiana Design Manual* 40-8.04(01) item 3. This includes, but is not limited to, where a preferred slope cannot be met or a pedestrian pushbutton cannot be made accessible.

Inquiries, determinations of technical infeasibility, and general ADA questions should be sent to the Technical Advisory Committee at [ADA@indot.in.gov](mailto:ADA@indot.in.gov).

The PROWAG is available from the U.S. Access Board homepage or the Department's [Designers webpage](#), under Road Design. An [ADA Construction Inspection guide](#) is also available from the Department's [Construction Management webpage](#), under Construction Inspection Videos.