

ENGINEERING DIRECTIVES AND STANDARDS

Volume	Chapter	Section	Directive Number	Effective Date
II	3	1	2	11/18/1982

SUBJECT: STOPPING SIGHT DISTANCE ON CURVED BRIDGES

- PURPOSE:** The purpose of this directive is to establish a policy for the Department of Transportation and Development, Office of Highways, for maximum structure widening on curved bridges to satisfy stopping sight distance criteria.
- POLICY:** It shall be the policy of the Office of Highways that curved bridges, the stopping sight distance across the railing shall be checked for adequacy. When found inadequate for the proposed design speed, the rail shall be offset sufficiently to provide the required stopping sight distance. When this offset produces a shoulder width in excess of 12 feet, a change in curvature shall be considered. If a change in curvature cannot keep the shoulder width at or below 12 feet, a reduction in the design speed is considered warranted and the design speed shall be that speed which corresponds with the stopping sight distance provided by a 12-foot shoulder or the next lowest 5 mph increment. Such reduction is considered justified because of the potential safety hazard caused by operational problems with shoulder widths in excess of 12 feet (that is, the temptation by motorists to use the shoulder as a passing or travel lane).
- OTHER ISSUANCES AFFECTED:** All directives, memoranda or instructions issued heretofore in conflict with this directive are hereby rescinded.
- EFFECTIVE DATE:** This directive will be effective immediately upon receipt.

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