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**Federal Register :: Design Standards for Highways**

### **AASHTO - Highway Safety Manual - Home Highway Design Tools | FHWA - Transportation APPENDIX A EXAMPLE 10 - SIGN STRUCTURE FOUNDATION DESIGN**

The design follows the LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, First Edition 2015, with 2017 updates (AASHTO LT-S), with references to AASHTO LRFD Bridge Design Specifications, 8th Edition (AASHTO). Example 10 was designed with a geotechnical

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### **Design | Caltrans A Policy on Geometric Design of Highways and Streets New ... A Guide for Achieving Flexibility in Highway Design ...**

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The American Association of State Highway and Transportation Officials recently released the second edition of its Transportation Asset Management Guide: A Focus on Implementation. AASHTO said the purpose of this 324-page guide is to further the understanding of asset management techniques and advance its practices among transportation agencies.

The AASHTO "Standard Specifications for Highway Bridges" require bridges to be designed to carry dead and live loads and impact, or the dynamic effect of the live load. Structures should also be capable of sustaining other loads to which they may be subjected, such as longitudinal, centrifugal, thermal, seismic, and erection forces.

Achieving a flexible, context-sensitive design solution requires designers to fully understand the reasons behind the processes, design values, and design procedures that are used. This AASHTO...

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AASHTO said the latest edition of the "Green Book" presents an updated framework for geometric design that is more flexible, multimodal, and performance-based than in the past - providing guidance to engineers and designers who strive to make unique design solutions that meet the needs of all highway and street users on a project-by-project basis.

III.A. Design Criteria II-I.A.1. Standards The design criteria prescribed by AASHTO in the 2004 Edition of A Policy on Geometric Design of Highways and Streets, as adopted by the FHWA and the NYS-DOT and the New York State Department of Transportation Highway Design Manual and Standard Design Procedures, serve as

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