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AASHTO Guide Specifications for

LRFD Seismic Bridge Design

2nd Edition

AMERICAN ASSOCIATION OF
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Interim Revisions**



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INSTRUCTIONS AND INFORMATION

General

AASHTO has issued interim revisions to *AASHTO Guide Specifications for LRFD Seismic Bridge Design*, Second Edition (2011). This packet contains the revised pages. They are not designed to replace the corresponding pages in the book but rather to be kept with the book for quick reference.

Affected Articles

Underlined text indicates revisions that were approved in 2013 by the AASHTO Highways Subcommittee on Bridges and Structures. ~~Strikethrough text~~ indicates any deletions that were likewise approved by the Subcommittee. A list of affected articles is included below.

All interim pages are printed on pink paper to make the changes stand out when inserted in the second edition binder. They also have a page header displaying the section number affected and the interim publication year. Please note that these pages may also contain nontechnical (e.g. editorial) changes made by AASHTO publications staff; any changes of this type will not be marked in any way so as not to distract the reader from the technical changes.

Please note that in response to user concerns, page breaks are now being added within sections between noncontiguous articles. This change makes it an option to insert the changes closer to the affected articles.

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SECTION 1: INTRODUCTION

1.3—Flowcharts

Revise paragraph 4 as follows:

The flowcharts in Figure 1.3-1 address the design of bridges using the Type 1 design strategy. The flowchart in Figure 1.3-1 guides the designer on the applicability of the Guide Specifications and the seismic design procedure for bridges in SDC A and single-span bridges. Figures 1.3-2 through 1.3-4 show seismic design procedure flowcharts for bridges in SDC B through D, respectively. Figure 1.3-5 shows foundation design and detailing flowcharts.

SECTION 2: DEFINITIONS AND NOTATION

2.2—Notation

Delete and revise the following notation:

~~K_{DED} = stiffness of the ductile end diaphragm (kip/in.) (7.4.6)~~

~~K_{SUB} = stiffness of the substructure (kip/in.) (7.4.6)~~

R = maximum expected displacement ductility of the structure; response modification factor (4.3.3) (7.2) (7.2.2) ~~(7.4.6)~~

