

CHAPTER 3—SEISMIC DESIGN

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3.1—SCOPE

The following shall replace the 2nd sentence in A3.1.

The provisions of the latest editions of *AASHTO LRFD Bridge Design Specifications* and the provisions in *LADOTD BDEM, Part II, Volume 1* shall apply, except as modified or supplemented herein.

Construction specifications shall be the latest edition of the *Louisiana Standard Specifications for Roads and Bridges (Standard Specifications)*. *Standard Specifications* are subject to amendment whenever necessary by supplemental specifications and special provisions to specific contracts. In the absence of specific information in *Standard Specifications*, follow the latest edition of *AASHTO LRFD Bridge Construction Specifications*.

3.3—PERFORMANCE CRITERIA

The following shall replace the 1st paragraph and bullet items of A3.3.

Because of the complex interaction of the various systems of a movable bridge, LADOTD and the Designer shall establish seismic performance goals, consistent with the importance of the bridge, using the guidelines in *AASHTO LRFD Bridge Design Specifications, A3.10.5*, and *LADOTD BDEM, Part II, Volume 1, D3.10.5*.

3.5—SEISMIC ANALYSIS

3.5.1—General

The following shall supplement A3.5.1.

Refer to the Louisiana Seismic Zone Map in *LADOTD BDEM, Part II, Volume 1, D3.10* for a list of parishes located in Zone 2.

REFERENCES

AASHTO LRFD Bridge Construction Specifications, Latest Edition, American Association of State Highway and Transportation Officials, Washington D.C.

AASHTO LRFD Bridge Design Specifications, Latest Edition, American Association of State Highway and Transportation Officials, Washington D.C.

AASHTO LRFD Movable Highway Bridge Design Specification, Latest Edition, American Association of State Highway and Transportation Officials, Washington D.C.

AASHTO Standard Specifications for Movable Highway Bridges, 5th Edition, MHB 5, American Association of State Highway and Transportation Officials, Washington D.C., 1988.

Louisiana Standard Specifications for Roads and Bridges, Latest Edition, State of Louisiana Department of Transportation and Development, Baton Rouge, LA