

## CHANGE LOG

### PROJECT DEVELOPMENT AND DESIGN GUIDE



CHAPTER NO./TITLE 14. Wildlife Accommodation

EFFECTIVE DATE February 22, 2024

SECTION	CHANGE
General	Updated agency name to MassDOT throughout.
General	Various minor grammatical changes and nomenclature changes for consistency within this chapter and throughout the Guide.
General	Added hyperlinks to external resources.
General	Changed all Exhibit numbers to separate Table and Figure numbers.
General	Added references to the MA Division of Ecological Restoration's Massachusetts Stream Crossings Handbook (2012). This handbook provides guidance on meeting the Massachusetts Wetlands Protection Act, which requires all new crossings to meet Stream Crossing Standards.
14.1 Introduction	Introduced the term "wildlife/vehicle collisions" (WVCs). Added information on the frequency, cost, and public health impact of wildlife-vehicle collisions. Added information on the cost/benefits of wildlife crossing structures. Updated Figure 14-1: Wildlife Accommodation Requirement Scenarios (Previously Exhibit 14-1). Moved Figure 14-2 and Figure 14-3 (Exhibits 14-2 and 14-3, respectively, in 2006 Edition) to Section 14.4 Minor updates to remove outdated references.
14.2 Types of Effects	Minor updates for clarity and conciseness. Retitled "Wildlife Vehicle Collisions" to "Vehicle-Caused Mortality"
14.3 Types of Wildlife Accommodation	Reorganized types of accommodation under three overarching approaches: influencing human behavior, influencing wildlife behavior, and changing roadway design (addressed in next section).

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14.4 Reducing Wildlife/Roadway Conflicts through Design	<p>Moved existing design content from 14.3 to new section "Reducing Wildlife/Roadway Conflicts through Design." Re-ordered sub-sections for clarity and flow of content.</p> <p>Wildlife Crossing Structures: Removed information about some crossing structure factors, including openness. Minor text edits and reorganization throughout section.</p> <p>Wildlife Underpasses: Minor text edits and reorganization throughout section.</p> <p>Wildlife Overpasses: Minor text edits and additions.</p> <p>Viaducts: Removed section.</p> <p>Fencing: Added low height chain link fence and other piped/bermed solutions as fencing options for amphibians and reptiles.</p>
14.5 Summary	<p>Retitled "Wildlife Accommodation Guidelines" to "Summary." Removed text related to wildlife accommodation at the national and regional level.</p> <p>Removed sub-sections: Footprint Bridge Program; New Bridges</p> <p>Roadway Widening, Reconstruction, and Maintenance Projects: Removed section and relocated content to "Summary."</p> <p>Existing Guidelines: Retitled "Other Guidelines" to "Existing Guidelines." Updated references for U.S. Army Corps of Engineers (ACOE) Programmatic General Permit (PGP) for Massachusetts.</p>
14.6 For Further Information	Updated references and links. Updated section title "Works Cited" to "References."