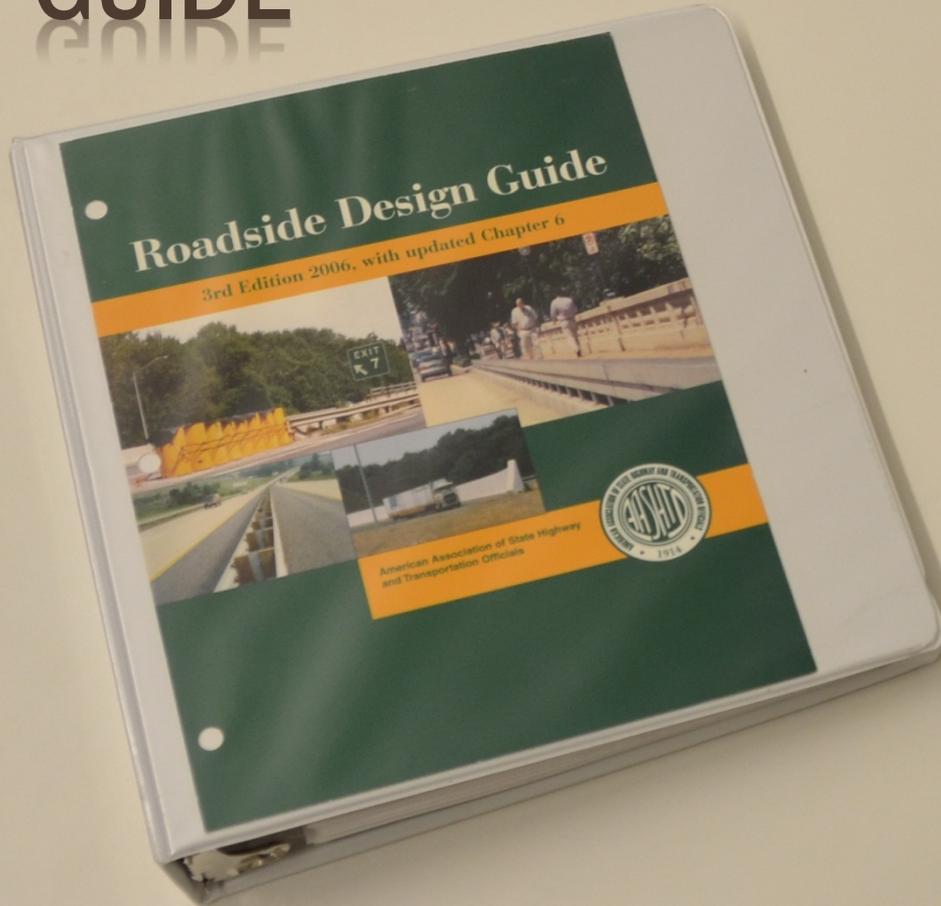


WHAT'S NEW IN THE ROADSIDE DESIGN GUIDE



Tracy M. Harris, P.E.
Sr. Roadside Design Engineer

WHAT'S NEW IN THE ROADSIDE DESIGN GUIDE



PRE-230

REPORT 230

REPORT 350

MASH 2009



MASH

MANUAL FOR ASSESSING SAFETY HARDWARE

- ✘ Test Matrices
- ✘ Test Installations
- ✘ Test Vehicles
- ✘ Evaluation in Criteria
- ✘ Test Documentation
- ✘ Performance Evaluation



WHAT DO THE MASH CHANGES MEAN



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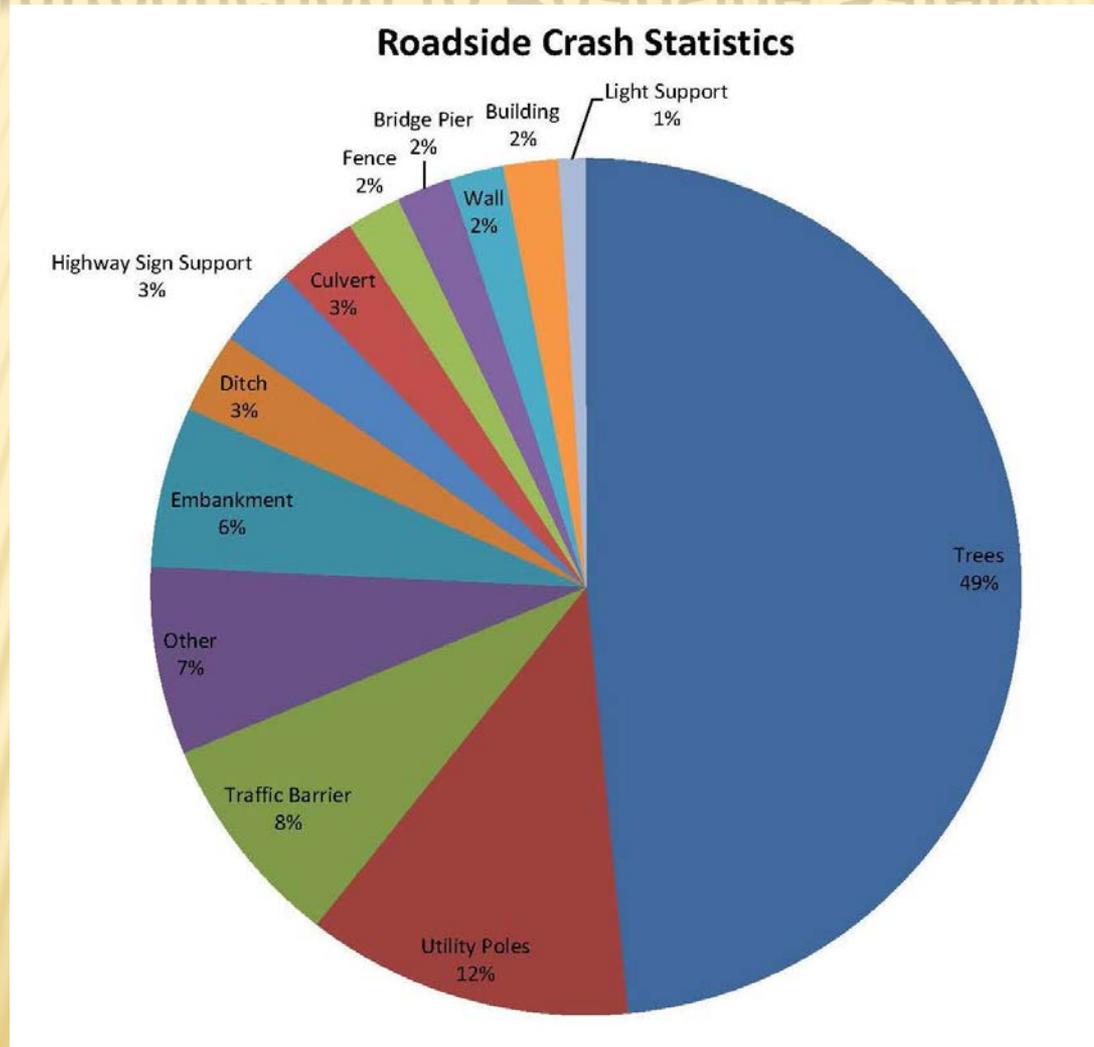


WHAT DO THE MASH CHANGES MEAN



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Ch. 1: An Introduction to Roadside Safety



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Ch. 2: Economic Evaluation of Roadside Safety



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Ch. 3: Roadside Topography and Drainage



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Ch. 4: Sign, Signal, and Luminaire Supports, Utility Poles, Trees, and Similar Roadside Features



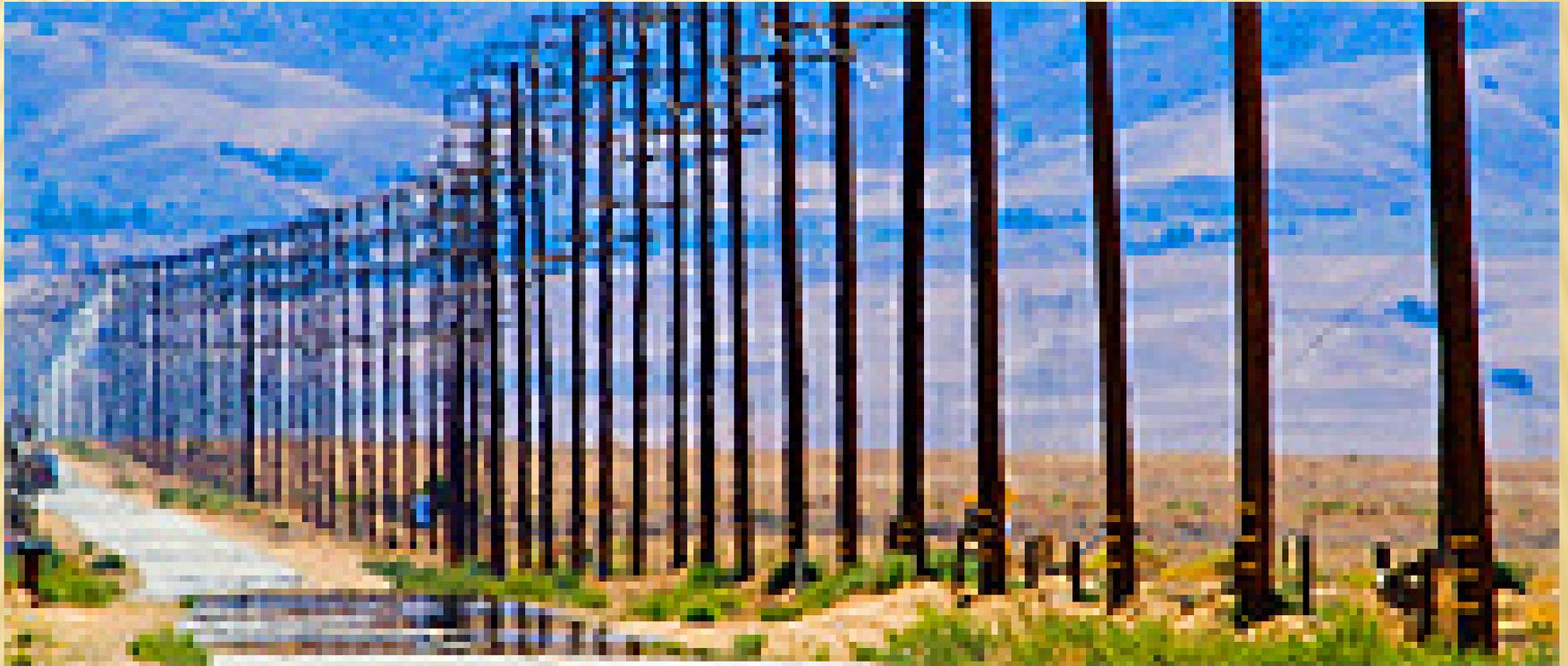
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Ch. 4: Sign, Signal, and Luminaire Supports, Utility Poles, Trees, and Similar Roadside Features



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Ch. 4: Sign, Signal, and Luminaire Supports, Utility Poles, Trees, and Similar Roadside Features



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Ch. 5: Roadside Barriers



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Ch. 5: Roadside Barriers



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Ch. 5: Roadside Barriers



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Ch. 5: Roadside Barriers



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Ch. 5: Roadside Barriers



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Ch. 6: Median Barrier Systems



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Ch. 6: Median Barrier Systems



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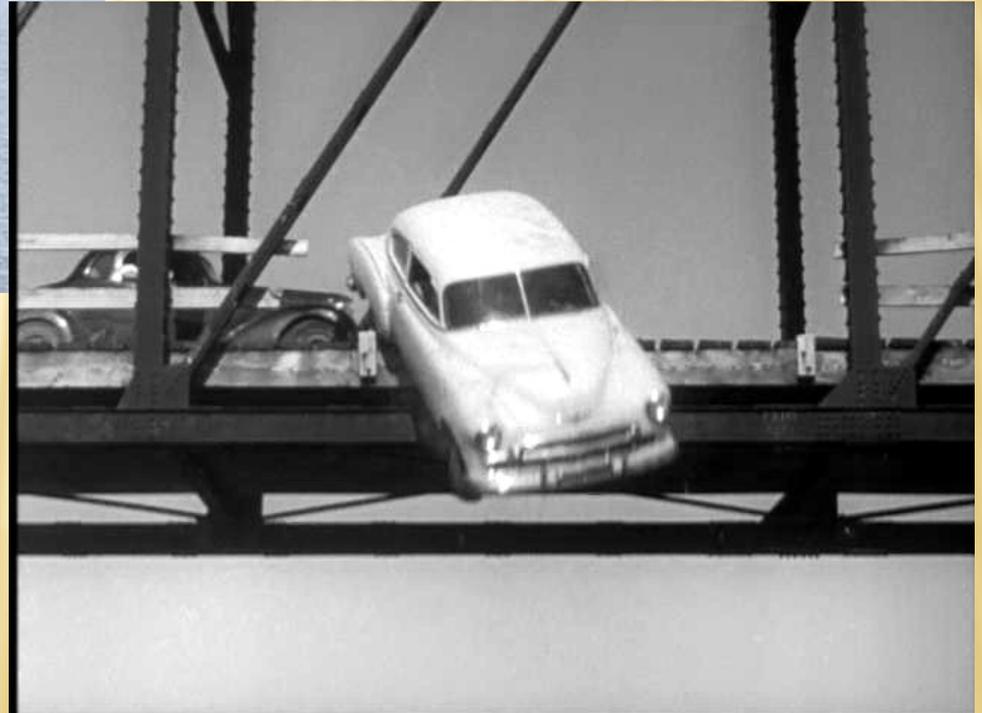
Ch. 7: Bridge Railings

Scott Liesinger



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Ch. 7: Bridge Railings



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Ch. 7: Bridge Railings



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Ch. 8: End terminals



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Ch. 8: End terminals



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Ch. 8: End terminals



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Ch. 8: End terminals



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Ch. 8: End terminals



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Ch. 9: Work Zone Devices



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Ch. 10: Roadside Safety in Urban or restricted Environments



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Ch. 10: Roadside Safety in Urban or restricted Environments



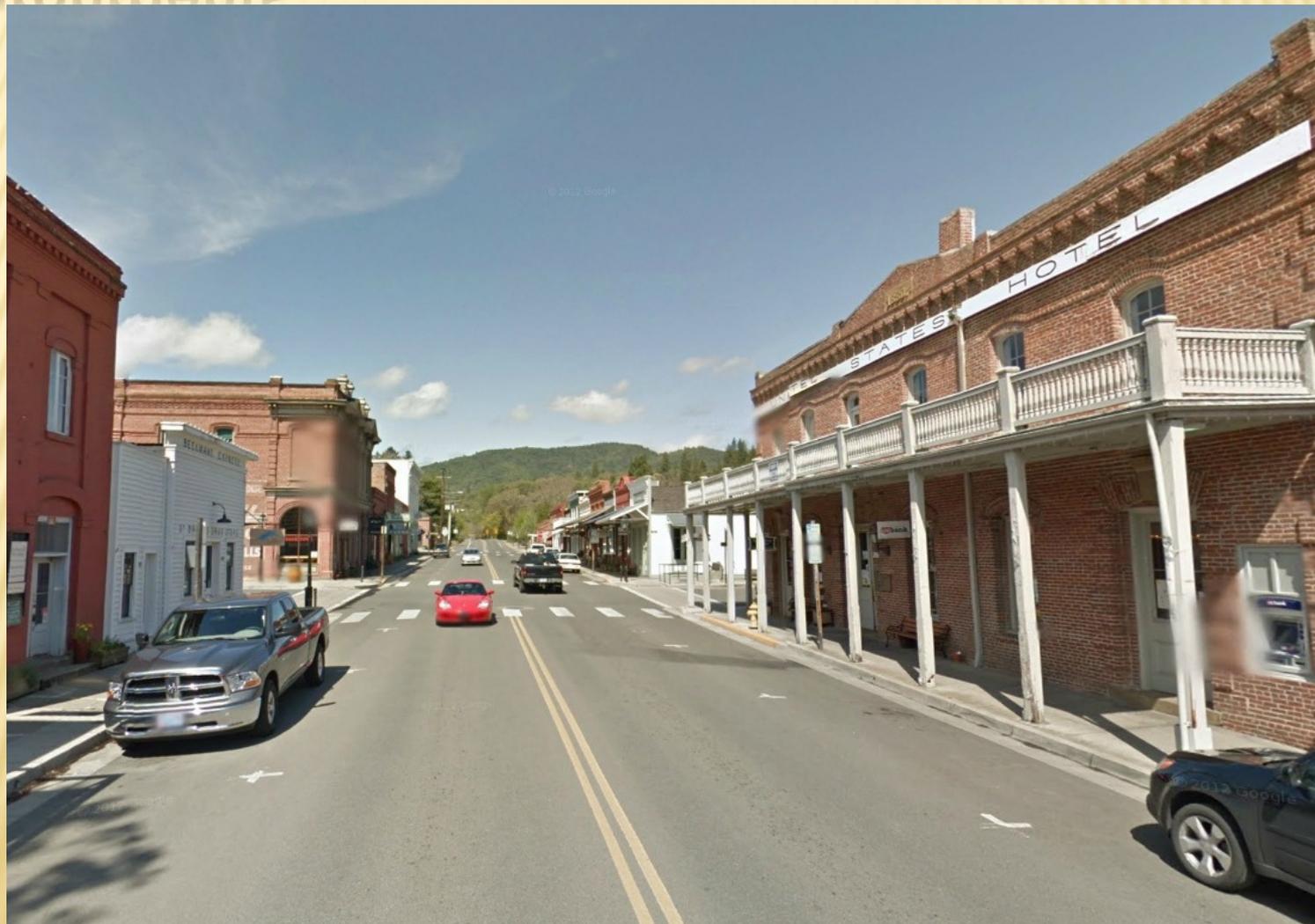
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Ch. 10: Roadside Safety in Urban or restricted Environments



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Ch. 10: Roadside Safety in Urban or restricted Environments



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Ch. 11: Mailboxes



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Ch. 11: Mailboxes



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Ch. 11: Mailboxes



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Ch. 11: Mailboxes



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Ch. 12: Roadside Safety on Low-volume Roads and Streets



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Ch. 12: Roadside Safety on Low-volume Roads and Streets



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RDG Training

