Chapter Overview Presentations

Twelve Chapter Overview presentations supplement the Guidelines document. Chapters 1-11 each have a Chapter Overview and an additional one summarizes appendices A-O.

These self-paced presentations are designed for individual use or for small group presentations where discussion can be accommodated. It is helpful to have the Guidelines document as a reference when viewing the presentations.

The Chapter Overview presentations are available on the ADOT Roadside Development Section website.

Navigate the Chapter Overview by scrolling through the pages.
Arizona Department of Transportation
Guidelines for Highways
on
Bureau of Land Management and
U.S. Forest Service Lands
2008

Appendices
Acknowledgments:

Arizona Department of Transportation
Guidelines for Highways on Bureau of Land Management and U.S. Forest Service Lands

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Guidelines Contents

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2 ADOT Development Process on BLM and USFS Lands
3 Habitat Connectivity
4 Roadway Design and Construction
5 Major Structure Design and Construction
6 Drainage Design and Construction
7 Landscape Restoration
8 Storm Water and Pollution Control
9 Material Sites
10 Construction
11 Maintenance Operations

Appendices A - O
Appendices

A. Acronyms and Abbreviations
B. Glossary of Terms
C. ADOT-FHWA-USFS MOU
D. ADOT-FHWA-BLM MOU
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G. Section 106 Process on Forest Service Lands
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I. Comparison of Permit Processes for Material Sites
J. Signing
K. Project Reference Fact Sheet
L. Native Plant Salvage & Replanting Evaluation Guidelines
M. References and Photography Credits
N. Additional Photos (online appendix)
O. Document Revision History
A: Acronyms & Abbreviations

- A list of acronyms and abbreviations used in the planning, design, construction and maintenance of highways on BLM and USFS lands.

- Do you know these?

  - FONSI
  - PS&E
  - TCE
  - DCR
  - ROW
  - SWPPP
  - CWA
  - BMP
  - LOC
  - NAGPRA
  - EIS
  - NHS
  - AASHTO
  - VER
B: Glossary of Terms

• Definitions of terms used in the Guidelines.

• Sometimes agencies have different definitions for the same term.
  – See Abandonment in Appendix B.

• Can you define these terms:
  – Geotechnical Investigation
  – Mitigation
  – Riparian Area
The ADOT-FHWA-USFS Memorandum of Understanding outlines policies and procedures to establish and improve cooperative working relationships.
The ADOT-FHWA-BLM Memorandum of Understanding outlines policies and procedures to establish and improve cooperative working relationships.
E: Slope Design Details

- Minibenching
- Slope Rounding
- Rock Cut Transition
- Intercepted Drainages Concept
- Cut Slope Concepts
- Slope Roughening Section
F: Easement Development

- Appendix F discusses both the USFS and the BLM Easement Development Process.
  - Request for Appropriation
  - Agreement to Appropriation
  - Conditions of Appropriations
  - Disagreement to Appropriations
  - Appropriation by Operation of Law
  - Disposal of Title 23 Rights-Of-Way
  - Construction (BLM)
  - Operation, Maintenance, Minor Rehabilitation (BLM)
Section 106 of the National Historic Preservation Act requires Federal agencies to review all actions which may affect a property listed on the National Register of Historic Places, or which may affect a property eligible for listing.

Appendix G defines the USFS Section 106 Process
- Consideration of Historic Properties
- What are Historic Properties
- The Section 106 Process
H: Typical Blasting Plan Content

• A list of items usually contained in a typical Blasting Plan including:
  – Name and experience of blasting supervisors.
  – Methods for and locations of explosives transportation, storage and use.
  – Traffic control and other public safety precautions.
  – Equipment intended to be used in or support of blasting operations.

• Also a list of items contained in a Specific Blasting Plan including:
  – Station limits of proposed shot.
  – Fly rock control measures.
  – Identification of environmental monitoring method, equipment and location.
In table form this appendix compares, by topic, the permit processes for material sites for BLM and USFS.

Topics:
- Regulations
- Notice
- Plan
- Bonding
- NEPA
- Non-Compliance
- Appeals
- Undue/Unnecessary Degradation
The Signing appendix is an overview of ADOT/BLM/USFS signing for projects on BLM/USFS lands. Links to signing guidelines and manuals with in-depth technical sign designs and requirements are provided as the ultimate reference for each agency’s requirements.

Topics:
- Sign Planning
- Sign Guidelines
- Types of Signs
- ADOT Parkways, Historic and Scenic Roadways; BLM Back Country Byways; and USFS Scenic Byways Signing
K: Project Reference

- Refer to Appendix K for the purpose, definition, benefits and implementation information.
Native Plant Salvage & Replanting Evaluation Guidelines

- Native Plant Salvage and replanting on a project must be in conformance to the requirements of Arizona Native Plant laws.

- Refer to Appendix L for Non-Discretionary and Discretionary Evaluation Requirements.
Appendix M includes Guidelines, Manuals, Standards and/or other references that were used as sources of information for the ADOT Guidelines for Highways on BLM/USFS Lands 2008.

Other sources listed provide supplemental information to topics discussed in the Guidelines.
A digital appendix included with the ADOT website Guidelines document. Photographs will be added to supplement each chapter’s text and concepts. Access the website document at:


Contact ADOT Roadside Development Section if you have photos to contribute.
O: Document Revision History

- An online record of revisions to the Guidelines that lists the date, chapter and page of the revision, and briefly describes the changes.

- Contact ADOT Roadside Development Section if you have suggested revisions.
Conclusion

• Use the Guidelines ………
  – Before beginning projects on Federal Lands.
  – As a reference for the design, construction and maintenance of ADOT projects on lands managed by BLM and USFS.
  – To review accepted procedures, and the needs and concerns of each agency to facilitate creation of safe, environmentally sound and aesthetically pleasing highway corridors.
  – As a touchstone throughout projects.
  – As a resource to locate additional information sources.
Document Availability

Purchase from:
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For availability and cost:
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