



Chapter 3: Facilities Development Process

Section 3-1	Process Overview	Updated contact information, project phases, attachment's chart and links.
Section 3-5	Improvement Concepts	Updated asset management information, minor wording edits in exhibits.
Section 3-20	Local Program Related Topics	Updated guidance in section and attachment.

Chapter 9: Surveying and Mapping

Section 9-5	Policies	Updated guidance in 9-5-1 and added new information in 9-5-3, with 3 new attachments.
Section 9-25	Monumentation	Updated guidance in control monumentation and survey disks.

Chapter 11: Design

Section 11-1	Introduction	Updated contact information and edited an acronym. Updated footnote in attachment.
Section 11-4	Reports	Updated guidance in 11-4-3, 11-4-10, and attachments.
Section 11-5	General Design Considerations	Many deletions in 3.7, shortening the section by 10 pages.
Section 11-10	Design Controls	Deleted duplicate sentence in 11-5.1.4.1.3.
Section 11-20	Cross Section Elements for Modernization of Urban Highways	Removed information in 1.2.4 & 10.5.
Section 11-25	Intersections at Grade	Changed wording (<i>desired to typical</i> , etc.) and small grammatical edits.
Section 11-26	Roundabouts	Changed wording (<i>desired to typical</i> , <i>standards to criteria</i> , etc.)
Section 11-30	Interchange	Updated guidance in section.
Section 11-35	Structures	Changed wording (<i>standard to typical</i> , <i>standards to criteria</i> , etc.), in attachment too.
Section 11-38	Safety Certification Process	Updated 10.2 and 10.6.3. Updated attachments 10.2, 10.3, 10.8.
Section 11-40	Perpetuation and Rehabilitation Requirements for Highways	Edited 1.2.1 Safety Certification, 1.11.1.1 Clear Zone, 6.3.1.1 Rural Shoulder.
Section 11-46	Bicycle and Pedestrian Accommodations	Updated guidance in section; changed wording in Att. 20.1.
Section 11-50	Traffic Control	Updated guidance in section, including Type I and II signs. Section 11-60 moved here.
Section 11-52	Traffic Engineering and Operations	Updated bureau name.
Section 11-55	Special Features	Updated information in 11-55-25 ramp gates, signing and added attachment 25.2.
Section 11-60	Detours	This section has moved to 11-50-21.11.

Chapter 14: Pavements

Section 14-7	Traffic	Minor wording change.
Section 14-10	Pavement Design	Updated guidance in section. Removed a sentence in 14-10-15.
Section 14-15	Pavement Type Selection	Updated guidance in section.

Chapter 17: Railroad Coordination

Section 17-55	Property	Added Administrative Revisions, Eminent Domain/Condemnation, and other guidance.
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Chapter 19: Plans, Specifications, and Estimates

Section 19-1	Introduction	Updated contact information in attachment.
Section 19-5	Estimates	Updated bid items in 3.1 and updated spreadsheet in attachment.
Section 19-10	PS&E Transmittal and Composition	Deleted information in 15.1.20.
Section 19-15	Special Provisions	Updated language in Introduction and in ASP-8.
Section 19-21	Quality Management Program	Updated language in 2.2.3.
Section 19-40	PS&E Pre-Submittal Review Guide	Updated exhibit 1.2.

Chapter 20: Environmental Documents, Reports and Permits

Section 20-25	Environmental Assessments	Deleted a sentence in section 10.15.
Section 20-50	Permits	Changes regarding how to submit permit applications to the Army Corps of Engineers.

Chapter 21: Hazardous Materials Investigation

Section 21-1	Non-Standard Materials Environmental Screening and Waste Characterization	New section.
Section 21-5	Asbestos	Section moved from 21-35-45.
Section 21-35	Contaminated Site Assessment and Remediation	Significant edits to entire section.

Chapter 22: Air Quality

Section 22-1	General	Updated guidance in section. Attachment removed.
Section 22-5	Laws & Regulations Pertaining to an Air Quality Analysis	Updated guidance in section.
Section 22-10.....	Ozone (O3) and Particulate Matter (P3)	This is a new section.
Section 22-15	Mobile Source Air Toxic (MSAT)	Updated guidance in section.
Section 22-20	Construction Emissions	Updated guidance in section. Attachments removed.
Section 22-25	Documentation of Air Quality Impacts	Updated guidance in section.

Chapter 23: Noise

Section 23-40	Construction Noise	Additional detail added to construction noise documentation.
Section 23-45	Documentation of Noise Analysis	The forms referenced have new names.