

ERRATA

Nebraska Department of Transportation

Roadway Design Manual

Chapter Eleven: Highway Plans Assembly

June 2016

① February 2017

② July/August 2017

③ February 2018

④ June 2018

⑤ August 2018

⑥ December 2018

The last update to the Roadway Design Manual (RDM) was in 2006. In the intervening years some design guidance has become obsolete, new/updated guidance has become available, offices of responsibility have changed, design procedures have been streamlined, etc. The NDOT is in the process of updating the *RDM* but, in the interim, the obsolete/incorrect guidance is being addressed through this document and a re-issued *RDM*. Page numbers cited in this document are referenced to the December 2018 Errata RDM. Deleted text in the December 2018 Errata RDM is in green with a strike through (~~errata~~) and new/corrected text is in red (**correct**). The following chapters have already been addressed:

- ⑥ Contents (updated in December 2018)
- ⑥ List of Exhibits (updated in December 2018)
- Chapter Three: Roadway Alignment (updated on June 17, 2011)
- Chapter Four: Intersections, Driveways and Channelization (updated on April 19, 2012)
- Chapter Six: The Typical Roadway Cross-Section (updated on February 18, 2016)
- ⑤ Chapter Seven: Earthwork (updated on August 2, 2018)
- Chapter Eight: Surfacing (updated on December 15, 2015)
- ⑥ Chapter Nine: Guardrail and Roadside Barriers (updated on December 13, 2018)
- ① Chapter Eleven: Highway Plans Assembly (updated on February 21, 2017)
- ② Chapter Twelve: Cost Estimating & Funding (updated on August 16, 2017)
- ① Chapter Fourteen: Traffic (updated on October 19, 2016)
- ③ Chapter Fifteen: Right-of-Way (updated on February 26, 2018)
- Chapter Sixteen: Pedestrian and Bicycle Facilities (added on February 8, 2016)
- Chapter Seventeen: Resurfacing, Restoration and Rehabilitation (3R) Projects (added on March 26, 2014)
- ⑥ Index (updated in December 2018)

The following items pertain to the entire manual:

- June 2016 and all subsequent changes – Chapter and EXHIBIT citations have been updated to the latest edition of the *RDM*
- ② July 2017 - All references to the **Nebraska Department of Roads (NDOR)** have been changed to the **Nebraska Department of Transportation (NDOT)**
- ⑥ December 2018 – Plan Sheet numbering updated (See Chapter Eleven, EXHIBIT 11.1)

Page	Existing Text	Corrected Text
Chapter Eleven		
④ 11-2	Section 1.B: <u>Initial Footprint Plans (Phase 2: Planning – Activity 5200)</u>	Remove this Section
④ 11-2	Section 1.C: <u>Preliminary Design Plans (Phase 3: Design – Activity 5300)</u>	Section 1.B: <u>Preliminary Design Plans (Phase 3: Design – Activity 5300)</u>
④ 11-3	Section 1.D: <u>Functional Design Plans (Phase 4: Environmental Approval – Activity 5400)</u>	Section 1.C: <u>Functional Design Plans (Phase 4: Environmental Approval – Activity 5400)</u>
④ 11-3	Section 1.E: <u>Design Plans (Phase 5: Plan Details – Activity 5500)</u>	Section 1.D: <u>Design Plans (Phase 5: Plan Details – Activity 5500)</u>
④ 11-4	Section 2.A: <u>Standard Plans</u> – “If a designer believes that a standard plan needs to be changed or updated, the desired change must be brought to the attention of the Standard Plans Committee through the Design Standards Engineer.”	“If a designer believes that a standard plan needs to be changed or updated, the desired change must be brought to the attention of the Standard Plans Committee through the Standard Plan Engineer .”
④ 11-12/ 11-13	Exhibit 11.1	Replaced with new table showing revise sheet numbers and added a PIH plan set column
⑥ 11-13	Exhibit 11.1	Add row O - “Intelligent Transportation Project Plans”, renamed subsequent rows up to row W
⑤ 11-14	Section 4.A: <u>Title Sheet (A)</u> – “PDU prepares the Title (A) Sheet for the letting plans. The roadway designer will furnish PDU with the necessary information on the <u>Length Sheet</u> (Form DR 415) and the <u>PS&E Required Sheet</u> (Form DR 280).”	Remove this text

Page	Existing Text	Corrected Text
Chapter Eleven		
⑤ 11-14	Section 4.A.1: Preliminary Title Sheet	Remove this title and incorporate the text into Section 4.A
⑤ 11-14	Section 4.A: <u>Title Sheet (A)</u> – “PDU can prepare a Preliminary Title (A) Sheet for use with the Preliminary Design plans (See Section 1.C of this chapter), the Functional Design plans (See Section 1.D of this chapter) and the Design Plans (See Section 1.E of this chapter).”	“PDU prepares, and updates, a Title (A) Sheet for use with the Preliminary Design plans (See Section 1.B of this chapter), the Functional Design plans (See Section 1.C of this chapter) and for the Design Plans (See Section 1.D of this chapter).”
⑤ 11-14	Section 4.A: <u>Title Sheet</u>	New second paragraph – “The roadway designer will furnish PDU with the necessary information for the Design Plan set on the <u>Length Sheet</u> (Form Dr-415) and the <u>PS&E Required Sheet</u> (Form DR-280).”
④ 11-14	Section 4.B: <u>Typical Cross Section Sheets (2-T)</u> – “The preliminary design plans 2-T sheet(s) may be created using the preliminary pavement design thickness from the Materials and Research Division (M&R) and the appropriate typical section for the project design standard, as copied from the <u>Nebraska Minimum Design Standards (MDS)</u> (Ref. 11.3) (web site).”	Section 4.B: <u>Typical Cross Section Sheets (B)</u> – “The preliminary design plans B sheet(s) may be created using the preliminary pavement design thickness from the Materials and Research Division (M&R) and the appropriate typical section for the project design standard, as developed from the <u>Nebraska Minimum Design Standards (MDS)</u> (Ref. 11.3) (web site) and/ or as shown in Chapter Six: <u>The Typical Roadway Cross-Section.</u> ”

Page	Existing Text	Corrected Text
Chapter Eleven		
④ 11-15	<p>Section 4.E: <u>Aerial Sheets (2-W or 2-A's)</u> – “2-W sheets are aerial photo sheets showing the delineated wetlands, impacted wetlands, and mitigation sites. If wetlands are present on a project, the aerial sheets for the project will be 2-W sheets. 2-A sheets are aerial photo sheets for a project that does not have wetlands. When aerial photo sheets are included in the plan set, they will cover the entire range of the project.”</p>	<p>Section 4.E: <u>Aerial Sheets (E)</u> – “When Aerial Photo (E) Sheets are included in the plan set, they will cover the entire range of the project. If wetlands are present on a project, the E sheets will show the delineated wetlands, impacted wetlands, and mitigation sites.””</p>
⑥ 11-17	<p>Section 4.I: <u>Large Scale Plan Sheets</u></p>	<p>Add fourth bullet point: “Intelligent Transportation Systems”</p>
④ 11-18	<p>Section 4.N: <u>Bridge Plan Sheets</u> – “The Bridge Division (Bridge) provides the roadway designer with the bridge special plans for each project, as needed. The special plan number for a bridge structure, excluding bridge size box culverts, will not have a C following the special plan number. The other special plans will have the letter C following the number (See <u>EXHIBIT 11.1</u>).”</p>	<p>Section 4.N: <u>Bridge Plans (R) and Bridge Special Plans (S)</u> – “The Bridge Division (Bridge) provides the roadway designer with the Bridge Plans (R) and certain special plans (S) (e.g. Concrete Box Culverts, Stairs) for each project, as needed.”</p>