

# ERRATA for

## ***Nebraska Department of Roads – Roadway Design Manual***

June 2016

The Roadway Design Manual (*RDM*) was last updated 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 NDOR 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 June 2016 Errata RDM. Deleted text will be shown in the June 2016 Errata RDM in green with a strike through (~~errata~~) and new/corrected text will be in red (**correct**). The following chapters have already been addressed:

- Contents (updated in June 2016)
- List of Exhibits (updated in June 2016)
- 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)
- Chapter Eight: Surfacing (updated on December 15, 2015)
- Chapter Nine: Guardrail and Roadside Barriers (updated on October 16, 2012)
- Chapter Sixteen: Pedestrian and Bicycle Facilities (added on February 8, 2016)
- Chapter Seventeen: Resurfacing, Restoration and Rehabilitation (3R) Projects (added on March 26, 2014)

The Index was updated in June 2016.

Page	Existing Text	Corrected Text
<b>Chapter Two</b>		
2-1	<p><b>Section 1: DESIGN PROCESS OUTLINE</b> – “These design process activities are included in the Project Scheduling System (PSS). Each activity number corresponds to an activity on the PSS. The PSS includes average times for completion of each activity associated with a project for project scheduling. The <b>Project Scheduling and Program Management Section</b> tracks the progress of all projects on the PSS, maintains this information and then updates the actual project schedule as activity completion dates are supplied. Estimated letting dates, based on the activity completion dates, are provided to other decision makers for prioritization and funding.”</p>	<p>“These design process activities are included in Clarity. Each activity number corresponds to an activity in Clarity. Clarity includes average times for completion of each activity associated with a project for project scheduling. The <b>Project Scheduling and Program Management Division</b> tracks the progress of all projects in Clarity, maintains this information and then updates the actual project schedule as activity completion dates are supplied. Estimated letting dates, based on the activity completion dates, are provided to other decision makers for prioritization and funding.”</p>
2-1	<p><b>Section 1: DESIGN PROCESS OUTLINE</b> – “The dates of completion for each activity should be entered on the PSS.”</p>	<p>“The dates of completion for each activity should be entered in Clarity.”</p>
2-2	<p><b>Section 1: DESIGN PROCESS OUTLINE</b> – “While not part of the PSS system, the same activity numbers are also used on time sheets for employee timekeeping and payroll purposes.”</p>	<p>“While not part of Clarity, the same activity numbers are also used on time sheets for employee timekeeping and payroll purposes.”</p>

Page	Existing Text	Corrected Text
<b>Chapter Two</b>		
2-2	<p><b>Section 3: INITIAL PROJECT REVIEW AND SETUP (ACTIVITY 5308)</b> – “On rural projects that require an initial project review and setup, the rural project definition flow chart (See <u>EXHIBIT 1.4</u>) should be used to determine the proper course of action for a project, (See also Chapter One: <u>Design Standards</u>, Section 2). <u>EXHIBIT 2.1</u> should be used to record the initial project scoping data. Consult the <b>Corridor Studies Engineer</b> in the <b>Planning and Project Development Division</b> for additional information.”</p>	Remove this text.
2-2	<p><b>Section 3: INITIAL PROJECT REVIEW AND SETUP (ACTIVITY 5308)</b> – “The last action in Activity 5308 occurs when the designer submits the initial project review to the <b>Project Scheduling and Program Management Section</b> for incorporation into PSS.”</p>	<p>“The last action in Activity 5308 occurs when the designer submits the initial project review to the <b>Project Scheduling and Program Management Division</b> for incorporation into Clarity.”</p>
2-7	<p><b>Section 5.D: <u>Request Information from Other Divisions</u></b> – “The <b>Transportation Planning Division</b> will provide the design year traffic data, e.g., ADT, DHV, percent trucks, etc., upon request. Once traffic data has been obtained, the information should be forwarded to the <b>Materials and Research Division</b> on a Pavement Determination Request Form (See Chapter Eight: <u>Surfacing</u>, Section 1 and <u>EXHIBIT 8.1</u>).”</p>	Remove this text.

Page	Existing Text	Corrected Text
<b>Chapter Two</b>		
2-7	<b>Section 5.D: <u>Request Information from Other Divisions</u></b> – “3. Enter 21 to select Use and Occupancy Permits.”	“3. Enter 22 to select Use and Occupancy Permits.”
2-9	<b>Section 5.J: <u>Review Design Checklist</u></b> – “Note the completion date on the DPO, (Reference 2.1), for the project and enter the date in the PSS.”	“Note the completion date on the DPO, (Reference 2.1), for the project and enter the date in Clarity.”
2-10	<b>Section 6: <u>COST UPDATE 1 – STATUS 30 (ACTIVITY 5403)</u></b> – “Enter the date of completion on the PSS. Please note that Activity 5403 should not be used for annual cost updates on PSS. PSS does not schedule annual cost updates.”	“Enter the date of completion in Clarity. Please note that Activity 5403 should not be used for annual cost updates in Clarity. Clarity does not schedule annual cost updates.”
2-11	<b>Section 7.C: <u>Conduct the Plan-in-Hand Inspection</u></b> – “The plan-in-hand inspection is a field inspection of the proposed project by the <b>District Engineer, FHWA</b> (if they have oversight, See Chapter One: <u>Design Standards</u> , Section 6.A), <b>City/County Representatives, Utilities Coordinator, Roadway Design Unit Head, Assistant Design Engineer</b> and the designer.”	“The plan-in-hand inspection is a field inspection of the proposed project by the <b>District Engineer, FHWA</b> (if they have oversight, See Appendix H, “Application of Design Standards”), <b>City/County Representatives, Utilities Coordinator, Roadway Design Unit Head, Assistant Design Engineer</b> and the designer.”
2-12	<b>Section 7.C: <u>Conduct the Plan-in-Hand Inspection</u></b> – “Enter the completion date on the PSS.”	“Enter the completion date in Clarity.”
2-12	<b>Section 8: <u>PIH REPORT (ACTIVITY 5318/5338)</u></b> - “Enter the completion date on the PSS.”	“Enter the completion date in Clarity.”

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<b>Chapter Two</b>		
2-13	<p><b>Section 9.B: <u>Initiate Agreements</u></b> – “See DOR-OI 45-5, “Agreements” (Appendix F, “Selected NDOR Operating Instructions”) for further information regarding agreements.”</p>	<p>“See DOR-OI 45-5, “Agreements” (Appendix B, “Selected NDOR Operating Instructions”) for further information regarding agreements.”</p>
2-15	<p><b>Section 9.F: <u>Design Relaxations</u></b> – “Chapter One: <u>Design Standards</u>, Section 6, discusses the design relaxation process in further detail.”</p>	<p>“Appendix H, “Application of Standards”, discusses the design relaxation process in further detail.”</p>
2-15	<p><b>Section 9.G: <u>Submit Functional Plans</u></b> - “Enter the completion date on the PSS.”</p>	<p>“Enter the completion date in Clarity.”</p>
2-16	<p><b>Section 10: COVENANT RELINQUISHMENT AGREEMENT</b> – “For further information on relinquishments see Section 21; Chapter Fifteen: <u>Right-of-Way</u>, Section 7.E; and the Department of Roads Operating Instruction 60-13, “Relinquishment of Roads from the Highway System” (Appendix F, “Selected NDOR Operating Instructions”).”</p>	<p>“For further information on relinquishments see Section 21; Chapter Fifteen: <u>Right-of-Way</u>, Section 7.E; and the Department of Roads Operating Instruction 60-13, “Relinquishment of Roads from the Highway System” (Appendix B, “Selected NDOR Operating Instructions”).”</p>
2-16	<p><b>Section 11: COST UPDATE 2 – STATUS 40 (ACTIVITY 5406)</b> – “Enter the completion date on the PSS. Do not sign off on Activity 5406 on PSS when completing an annual cost update.”</p>	<p>“Enter the completion date in Clarity. Do not sign off on Activity 5406 in Clarity when completing an annual cost update.”</p>

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<b>Chapter Two</b>		
2-18	<p><b>Section 12.A: <u>Public Hearings</u></b>  – “Enter the completion date on the PSS at this time. Other divisions share responsibility for the rest of the tasks in Activity 5323. Designer time associated with public hearing tasks should be charged to Activity 5323 even after the completion date has been entered on PSS.”</p>	<p>“Enter the completion date in Clarity at this time. Other divisions share responsibility for the rest of the tasks in Activity 5323. Designer time associated with public hearing tasks should be charged to Activity 5323 even after the completion date has been entered in Clarity.”</p>
2-25	<p><b>Section 13: ROADWAY DESIGN (ACTIVITY 5325/5327)</b>  – “Enter the completion date on the PSS.”</p>	<p>“Enter the completion date in Clarity.”</p>
2-26	<p><b>Section 14.B: <u>Other Tasks in Activity 5335</u></b> – “Enter the completion date on the PSS.”</p>	<p>“Enter the completion date in Clarity.”</p>
2-26	<p><b>Section 15: COST UPDATE 3 – STATUS 45 (ACTIVITY 5408)</b> – “Do not use Activity 5408 to record annual cost updates on PSS.”</p>	<p>“Do not use Activity 5408 to record annual cost updates in Clarity.”</p>
2-27	<p><b>Section 16: DESIGN REVIEW SUPPORT PROCESS (ACTIVITY 5340)</b> – “The designer should review the scheduled letting date, the anticipated time to construct the project, etc. on the PSS to be certain the schedule is still on track.”</p>	<p>“The designer should review the scheduled letting date, the anticipated time to construct the project, etc. in Clarity to be certain the schedule is still on track.”</p>
2-27	<p><b>Section 16: DESIGN REVIEW SUPPORT PROCESS (ACTIVITY 5340)</b> – “Enter the completion date on the PSS.”</p>	<p>“Enter the completion date in Clarity.”</p>
2-27	<p><b>Section 17: PRELIMINARY RIGHT-OF-WAY PLAN REVIEW (ACTIVITY 5345)</b> – “Enter the completion date on the PSS.”</p>	<p>“Enter the completion date in Clarity.”</p>

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<b>Chapter Two</b>		
2-28	<b>Section 18: DESIGN PLANS TO UTILITIES SECTION (ACTIVITY 5350)</b> – “Enter the completion date on the PSS.”	“Enter the completion date in Clarity.”
2-29	<b>Section 20.A: <u>Check on Other Agreements</u></b> – “Enter the completion date on the PSS.”	“Enter the completion date in Clarity.”
2-29	<b>Section 21: FINAL RELINQUISHMENT AGREEMENT (FRA)</b> – “For further information on relinquishments see Section 10; Chapter Fifteen: <u>Right-of-Way</u> , Section 7.E; and the Department of Roads Operating Instruction 60-13, “Relinquishment of Roads from the Highway System” (Appendix F, “Selected NDOR Operating Instructions).”	“For further information on relinquishments see Section 10; Chapter Fifteen: <u>Right-of-Way</u> , Section 7.E; and the Department of Roads Operating Instruction 60-13, “Relinquishment of Roads from the Highway System” (Appendix B, “Selected NDOR Operating Instructions).”
2-31	<b>Section 22.A: <u>Assemble Project Data</u></b> – <ul style="list-style-type: none"> <li>• “Status of utilities, (See Appendix I, “Projects Not Usually Requiring a Status of Utilities”).”</li> </ul>	<ul style="list-style-type: none"> <li>• “Status of utilities”</li> </ul>
2-31	<b>Section 22.A: <u>Assemble Project Data</u></b> – “Computer books for the <b>District Engineer</b> should be prepared including slope stake book, blue top book and paving grades, (See Appendix D, “Earthwork Books”).”	“Computer books for the <b>District Engineer</b> should be prepared including slope stake book, blue top book and paving grades.”
2-32	<b>Section 22.B: <u>Percentage of Work Near Railroad</u></b>	Move to Chapter Twelve: <u>Cost Estimating &amp; Funding</u> , Sub-section 1.A.5.
2-32	<b>22.C <u>Check Earthwork and Notes</u></b>	<b>22.B <u>Check Earthwork and Notes</u></b>
2-32	<b>Previous Section 22.C: <u>Check Earthwork and Notes</u></b> – “Enter the completion date on the PSS.”	“Enter the completion date in Clarity.”

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<b>Chapter Two</b>		
2-33	<b><u>22.D Checking Plans for Conflicts</u></b>	<b><u>22.C Checking Plans for Conflicts</u></b>
2-33	<b><u>22.E Final Plan Review For PS&amp;E</u></b>	<b><u>22.D Final Plan Review For PS&amp;E</u></b>
2-33	<b><u>Previous Section 22.E: Final Plan Review for PS&amp;E</u></b> – “See DOR-OI 45-5, “Agreements”, (Appendix F, “Selected NDOR Operating Instructions”) for further information regarding agreements.”	“See DOR-OI 45-5, “Agreements”, (Appendix B, “Selected NDOR Operating Instructions”) for further information regarding agreements.”
2-33	<b><u>Previous Section 22.E: Final Plan Review for PS&amp;E</u></b> – “Enter the completion date on the PSS when the project is given to <b>PS&amp;E.</b> ”	“Enter the completion date in Clarity when the project is given to <b>PS&amp;E.</b> ”
	<b>Post Section 25: REFERENCES</b>	Add Policies DES 09-01 and DES 09-03