

Notification of Rewrite and Restructure

Design Manual Chapter 20

As part of the effort to remediate and update the Iowa DOT design manual, we are reviewing and updating Chapter 20, previously called “Project Automation Information – V8i.”

The chapter is being renamed “CADD Support Documentation.” It is being fully restructured and rewritten.

Some section-to-section references will point to incomplete sections until we are finished. We appreciate your patience on this matter.

Refer to Figure 1 for reference on how the chapter is moving. Old sections will be moved to the Design Manual Archive on a ‘for information only’ basis once the new sections are finished.

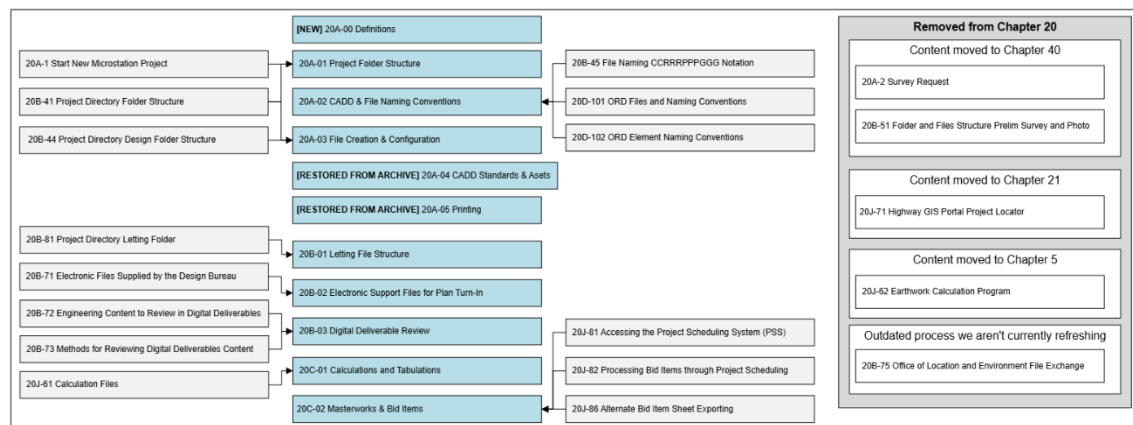


Figure 1: Chapter 20 Restructuring Diagram

Writing Considerations

The new chapter was written with new and existing Iowa DOT employees and consultants in mind. It is intended as both an instructional manual for training and a reference for daily work.

These are the main issues we set out to address in this chapter:

- Outdated Content**
Some sections referred to outdated, updated, or retired processes.
- Data Duplication**
Some sections included duplicated information from other sections or within the same section.
- Clarity and Presentation**
Some complex processes did not have correct examples. Some formatting was confusing.

The chapter is being rewritten with the following goals in mind:

- Software Agnostic, Decision Focused**
We are emphasizing reasoning and systems where possible rather than branded software. Chapter 20 should answer “what” the Iowa DOT does in CADD and “why.”
- Content Accuracy**
The new title and content better communicate the chapters’ focus and our operations.
- Standardization**
Our goal is to document current standards and clarify procedures so new and existing employees will understand the Iowa DOT process more clearly.