



FACILITIES DEVELOPMENT MANUAL

Wisconsin Department of Transportation

TABLE OF CONTENTS

Chapter 15: Plan Preparation

Section 1 Standards

- [15-1-1](#)General
- [15-1-4](#)Preliminary Plan
 - [Attachment 1](#).... Scoping Worksheet
- [15-1-5](#)Sample Plan: Improvement Projects
 - [Attachment 1](#).... Sample Title Sheet
 - [Attachment 2](#).... Sample Typical Section Sheet (with other information)
 - [Attachment 3](#).... Sample Typical Section Sheet
 - [Attachment 4](#).... Sample Detail Sheet (general construction details)
 - [Attachment 5](#).... Sample Detail Sheet (project overview)
 - [Attachment 6](#).... Sample Detail Sheet (intersection layout and pavement grades)
 - [Attachment 7](#).... Sample Detail Sheet (interchange drainage and pavement)
 - [Attachment 8](#).... Sample detail Sheet (contour map)
 - [Attachment 9](#).... Sample Detail Sheet (cross section match line)
 - [Attachment 10](#).. Sample Detail Sheet (erosion control)
 - [Attachment 11](#).. Sample Detail Sheet (storm sewer plan)
 - [Attachment 12](#).. Sample Detail Sheet (planting)
 - [Attachment 13](#).. Sample Detail Sheet (permanent signing)
 - [Attachment 14](#).. Sample Detail Sheet (lighting)
 - [Attachment 15](#).. Sample Detail Sheet (traffic signal plan)
 - [Attachment 16](#).. Sample Detail Sheet (pavement marking)
 - [Attachment 17](#).. Sample Detail Sheet (traffic control/construction staging)
 - [Attachment 18](#).. Sample Detail Sheet (alignment plan)
 - [Attachment 19](#).. Estimate of Quantities
 - [Attachment 20](#).. Sample Miscellaneous Quantities Sheets
 - [Attachment 21](#).. Sample Plan & Profile Sheet
 - [Attachment 22](#).. Sample Retaining Wall Plan Sheets
 - [Attachment 23](#).. Sample Computer Earthwork Data Sheet
 - [Attachment 24](#).. Sample Cross Section Sheet
- [15-1-6](#)Sample Abbreviated Plan
 - [Attachment 1](#).... Sample Title Sheet-Abbreviated Plan
 - [Attachment 2](#).... Sample Typical Section Sheet -Abbreviated Plan
 - [Attachment 3](#).... Estimate of Quantities
 - [Attachment 4](#).... Sample Plan Sheet -Abbreviated Plan
- [15-1-10](#)Title Sheets
 - [Attachment 1](#).... Signature Blocks for WisDOT Projects
 - [Attachment 2](#).... Signature Blocks for Local Road Projects
- [15-1-15](#)Typical Section Sheet
- [15-1-20](#)Detail Sheet
- [15-1-25](#)Estimate of Quantities Sheet
- [15-1-30](#)Miscellaneous Quantities Sheet
- [15-1-35](#)Plan and Profile Sheet
- [15-1-40](#)Earthwork Data Sheet
- [15-1-45](#)Cross Section Sheets

Section 5 Methods

- [15-5-1](#)General
- [15-5-2](#)Cadds Preparation Standards
- [15-5-3](#)CADDS Directory and File Name Convention

- [Attachment 1](#).... CADDs File Cabinet Organization Prefixes
- [Attachment 2](#).... CADDs Project Directory/Project File Name Conventions
- [Attachment 3](#).... CADDs Base File Naming Standard
- [15-5-4](#).....CADDs Cell Files and Line Styles
- [15-5-5](#).....Plan Sheet Vehicles
 - [Attachment 1](#).... Title Sheet Plan Vehicles – Construction/Traffic/Maintenance Operations
 - [Attachment 2](#).... Plan Sheet Vehicle for Typical Section Sheet and Detail Sheet
 - [Attachment 3](#).... Storm Sewer Plan Sheet Vehicle
 - [Attachment 4](#).... Miscellaneous Quantities Sheet Vehicle
 - [Attachment 5](#).... Plan Sheet Vehicle Without Profile
 - [Attachment 6](#).... Plan Sheet Vehicle for Plan and Profile Sheet - Single Roadway
 - [Attachment 7](#).... Plan and Profile Sheet Vehicle - Dual Profile
 - [Attachment 8](#).... Cross Section Sheet
 - [Attachment 9](#).... Right-of-Way Title Sheet Vehicle
 - [Attachment 10](#).. Right-of-Way Schedule Sheet Vehicle
 - [Attachment 11](#).. Right-of-Way Layout Sheet Vehicle
 - [Attachment 12](#).. Right-of-Way Detail Sheet Vehicle
 - [Attachment 13](#).. Special Sign Sheet Vehicle
 - [Attachment 14](#).. Earthwork Sheet Vehicle
 - [Attachment 15](#).. Transportation Project Plat Sheet Vehicle
 - [Attachment 16](#).. Transportation Project Plat Title Sheet
- [15-5-10](#).....Electronic Plans
- [15-5-15](#).....Standard Detail Drawing Spreadsheet
- [15-5-25](#).....Standard Abbreviations
- [15-5-30](#).....Conventional Signs and Symbols
 - [Attachment 1](#).... Topographic Symbols
 - [Attachment 2](#).... Underground Utility Symbols
 - [Attachment 3](#).... Right-Of-Way Symbols
 - [Attachment 4](#).... Construction Symbols
 - [Attachment 5](#).... Freeway Traffic Management System Symbols
 - [Attachment 6](#).... Traffic Control Symbols
 - [Attachment 7](#).... Signing, Pavement Marking, and Lighting Symbols
 - [Attachment 8](#).... Planting Symbols
 - [Attachment 9](#).... Erosion Control Symbols
 - [Attachment 10](#).. Work Zone Traffic Control Symbols

Section 10 Review

- [15-10-1](#).....Plan-in-Hand Field Inspections
- [15-10-5](#).....Pedestrian Considerations