Section 17-1 Overview

17-1-1 General
   1.1 Originator
   1.2 Introduction
   1.3 Policy Interpretation
   1.4 Goal of Railroad Coordination

Attachment 1.1 Terms And Abbreviations

17-1-5 The WisDOT/Railroad Partnership

17-1-10 The WisDOT/OCR Partnership
   10.1 Introduction
   10.2 OCR Powers

Section 17-5 Background

17-5-1 Sources and Types of Railroad Projects
   1.1 Improvement Projects
   1.2 Other Projects

Attachment 1.1 Railroad-Highway Projects, Status Report Flow Chart

17-5-5 Relevant Statutes
   5.1 Introduction
   5.2 Legislation
   5.3 OCR Regulatory Activities

17-5-10 Negotiating Guidelines

17-5-15 Manuals and Textbooks
   15.1 Manuals
   15.2 Textbooks

17-5-20 Data Sources
   20.1 Introduction
   20.2 Background
   20.3 WisDOT Railroad Data File

Section 17-10 Agency Responsibilities

17-10-1 Role of the Region Railroad Coordinator
   1.1 Position Summary

17-10-5 Role of Project Managers
   5.1 Overview

17-10-7 Role of Local Program Management Consultant
   7.1 Introduction
   7.2 Pre-Design Contract Activities
   7.3 Design Contract Activities
   7.4 Post Design Activities

17-10-10 WisDOT
   10.1 Railroads and Harbors Section
   10.2 Transportation Regions
   10.3 Engineering Consultants
   10.4 Local Officials
   10.5 Summary Note

Attachment 10.1 Principal Offices Involved With Railroad-Highway Projects

17-10-15 Office of the Commissioner of Railroads
15.1 Background
15.2 Office of the Commissioner of Railroads (OCR)
15.3 WisDOT Role
15.4 OCR Hearings

Attachment 15.1 Preparation for Hearings
Attachment 15.2 Example Testimony

17-10-20 Railroads
20.1 Personnel
20.2 Maps
20.3 Background
20.4 Work Arrangements
20.5 Maintenance

Attachment 20.1 Legal Names of Railroad Companies Operating In Wisconsin

17-10-25 Federal Agencies
25.1 FHWA (Federal Highway Administration)
25.2 FRA (Federal Railroad Administration)
25.3 STB (Surface Transportation Board)
25.4 NTSB (National Transportation Safety Board)

17-10-30 Local Government
30.1 Introduction
30.2 Negotiations and Agreements
30.3 Local Costs

Section 17-15 Types of Programs
17-15-1 General Overview
 1.1 Highway Improvement Program
 1.2 WisDOT Safety Program
 1.3 OCR Safety Program
 1.4 STH Surface Repair
 1.5 Signal Maintenance

Section 17-20 Implementing Projects
17-20-1 General
 1.1 Early Notification
 1.2 The 86:13 Letter/Notification

Attachment 1.1 Process that is followed for a Highway Improvement Project with a Railroad Crossing but No Railroad Work is Anticipated
Attachment 1.2 Sample 86.13 Letter

17-20-5 Project Scheduling
 5.1 Introduction
 5.2 The Master Contract Schedule
 5.3 The Railroad Status Report
 5.4 Scheduling Criteria

Attachment 5.1 Estimated Minimum Lead Times For Railroad Projects

17-20-10 The Agreement
 10.1 Introduction
 10.2 Overview
 10.3 Railroad Project Submittal Package
 10.4 OCR Petition
 10.5 The Proposal Letter
 10.6 The Agreement
 10.7 Contents of the Agreement
 10.8 Distribution of the Agreement

17-20-15 Letter Agreements
Attachment 15.1 Sample Of Letter Agreement With Railroad (Lump Sum)
Attachment 15.2 Sample Of Letter Agreement With Railroad (Design Approval)
Attachment 15.3 Sample Of Letter Seeking Railroad Approval of Contractor Work
Attachment 15.4 Sample Of Letter Proposing WisDOT Work in Track Zone in Exchange for Railroad
Providing Flagging Protection

Attachment 15.5 .... Sample Of Letter Proposing WisDOT Remove and Restore a Little-Used Track Crossing

17-20-20 ...... Detours and Haul Roads
20.1 ......... General
20.2 ......... Detour Options
20.3 ......... Isolated Crossings on Safety Projects
20.4 ......... Highway Improvement Projects

Section 17-25  Active Warning Device Projects

17-25-1 ...... General
1.1 .......... Background
1.2 .......... General
1.3 .......... Process
1.4 .......... Lead Times

Attachment 1.1 .... Sample Agreement for Highway-Railroad Grade Crossing Warning Devices
Attachment 1.2 ...... Railroad Crossing Report Form, DT 1589

17-25-5 ...... Highway Improvement Projects
5.1 .......... Introduction
5.2 .......... Lead Times
5.3 .......... Process

Attachment 5.1 ...... Process that is followed for a Highway Improvement Project with an At Grade Railroad Component

17-25-10 ...... WisDOT Safety Projects
10.1 .......... Introduction
10.2 .......... General
10.3 .......... OCR Involvement

Attachment 10.1 .... Process that is followed for a WisDOT Railroad Safety Project (RR Force Work Component)

17-25-15 ...... OCR Safety Projects
15.1 .......... Introduction
15.2 .......... General
15.3 .......... WisDOT Assistance

Attachment 15.1 .... Process that is followed for an OCR Railroad Safety Project (RR Force Work Component)

Section 17-30  Crossing Surface Projects

17-30-1 ...... General - Criteria
1.1 .......... Background
1.2 .......... Maintenance / Repair / Refurbishing
1.3 .......... Replacement
1.4 .......... Improvement or Upgrade
1.5 .......... Alteration of a Crossing
1.6 .......... Roadway Improvement (Reconstruction and 3R) Projects
1.7 .......... Roadway Maintenance (SHRM and Federal Preventive Maintenance) Projects
1.8 .......... Safety Projects

17-30-5 ...... Highway Improvement Programs
5.1 .......... General
5.2 .......... Unique Agreement Provisions

Attachment 5.1 ...... Sample Agreement for Highway-Railroad Grade Crossing Surface - Highway Improvement Program

17-30-10 ...... WisDOT Safety Project
10.1 .......... Background

Attachment 10.1 .... Sample Agreement for Highway-Railroad Grade Crossing Surface - WisDOT Safety Project

17-30-15 ...... STH Surface Repair Program
15.1 .......... Introduction
15.2 .......... Process
15.3 .......... Limits of Cost Participation
15.4 .......... Charging Costs

Attachment 15.1 .... Process for a Crossing Repair Fund Project (No Federal Funds)
Attachment 15.2...Sample Agreement for a Railroad Crossing Repair Fund Project

Section 17-35  Crossing Closure and Consolidation

17-35-1 .......Overview
  1.1 ..........Background
  1.2 ..........Guidance
  1.3 ..........Options
  1.4 ..........Incentives
  1.5 ..........Process
  1.6 ..........Payment

Attachment 1.1 ......Crossing Closure Incentive Payment Project Process

Section 17-40  Separation Projects

17-40-1 .......Overview
  1.1 ..........General
  1.2 ..........Lead Times
  1.3 ..........Submittals For Railroad Coordination

Attachment 1.1 ......Process When The Railroad is Willing to Sign The Stipulation
Attachment 1.2 ......Process When The Railroad is Unwilling to Sign The Stipulation
Attachment 1.3 ......Process For <23' Vertical Clearance
Attachment 1.4 ......Separated Grade Railroad Project Submittal Package

17-40-5 ......Structure Criteria/Justification
  5.1 ..........Options
  5.2 ..........General Criteria
  5.3 ..........Other Criteria
  5.4 ..........Railroad Participation in Costs
  5.5 ..........Analysis of Alternatives
  5.6 ..........Selected Alternative.

17-40-10 ......Alternatives to Structures
  10.1 ..........General
  10.2 ..........Create An At-Grade Crossing
  10.3 ..........Highway Relocation
  10.4 ..........Railroad Relocation
  10.5 ..........Crossing Closure

17-40-15 ......Bridge Replacement Program

17-40-20 ......Structure Agreements
  20.1 ..........General
  20.2 ..........Stipulation Process
  20.3 ..........Agreement For Railroad Force Work
  20.4 ..........Structures On The Local System

17-40-25 ......Costs/Cost Sharing
  25.1 ..........Background
  25.2 ..........Railroad Participation
  25.3 ..........Projects on the Local System
  25.4 ..........Current Practice In Cost Sharing
  25.5 ..........5 – Options-Grade Separations
  25.6 ..........Summary
  25.7 ..........Conclusions

17-40-30 ......Structure On Local System
  30.1 ..........General
  30.2 ..........Interim Design Memo
  30.3 ..........Alternative Selection

17-40-35 ......Underpass Structures
  35.1 ..........General
  35.2 ..........Underpass Structures
  35.3 ..........Maintaining Railroad Traffic During Underpass Construction
  35.4 ..........False Work Bridge

Attachment 35.1 .......General Shoo-Fly Case
   40.1 Excessive Clearances
   40.2 Additional Track Space
   40.3 Crash Protection

Section 17-45 Other Safety Funded Projects
17-45-1 Railroad Stopping Lanes
17-45-5 Roadway Treatments at Closures
17-45-10 Humpback and Sag Crossings
17-45-15 Track Removals and Modifications
17-45-20 Enhancement Projects
   20.1 Historical Preservation
   20.2 Bike and Pedestrian Crossings

17-45-25 Exempt Crossings
   25.1 Background
   25.2 Criteria for Selection
   25.3 Summary
   25.4 Exempt Signing

Attachment 25.1 Exempt Railroad Crossing Process

Section 17-50 Contract Administration
17-50-1 General
   1.1 Introduction
   1.2 Cost Principles
17-50-5 Railroad Protective Liability Insurance
   5.1 Background
   5.2 When to Provide Insurance
   5.3 Leased Lines
   5.4 Operating Rights
   5.5 Special Provisions

Section 17-55 Property
17-55-1 General
   1.1 Background
   1.2 Entering Railroad Lands
   1.3 Indemnification
17-55-5 Acquisitions
   5.1 Background
17-55-10 Responsibilities for Acquisitions
   10.1 Acquisition
   10.2 Responsibility for Property Negotiations
   10.3 What’s Needed
17-55-15 Determining Compensation
   15.1 Classification of Railroad Right of Way and Lands
   15.2 Procedure for Determining Compensation
   15.3 Easement Valuation
   15.4 Administrative Revisions

Section 17-60 Design Considerations
17-60-1 Locating New Highway - Railroad Grade Crossings
   1.1 Introduction
   1.2 Location Considerations
   1.3 Roadways Paralleling Railroads
   1.4 Roadways Near Railroads
17-60-5 Grade Crossing Design
   5.1 Surveys and Plans
   5.2 Visibility and Sight Distances
   5.3 Profile
   5.4 Track Raises