Texas Reference Marker (TRM) System User's Manual

Manual Notices

Manual Notice 2005-1

To: All Districts and Divisions

From: James L. Randall, P.E.

Functional Manual: Texas Reference Marker System User's Manual

Effective Date: January 1, 2005

Purpose

The manual provides Texas Reference Marker (TRM) System Highway Data File users with the necessary information to input data to, or extract data from TRM. This manual is contained in the Planning, Programming, Environmental collection of the TxDOT Online Manual System.

Contents

Chapters 1 and 2 - Changed Load Limit references from Design Division to Construction Division.

Chapter 3 - Changed Load Limit references from Design Division to Construction Division and added information about the new Mainframe User Information screen and the TRM Message Board.

Chapter 4 - Added subsection for TRM Data Export instructions.

Chapter 6 - Updated TPP Highway Status Values to include all District Highway Status Values.

Chapter 7 - Updated instruction tables to reflect changes for inputting Reference Marker updates.

Chapter 8 - Clarified roadbed constraints.

Chapter 10 - Updated Direction of Travel responsibilities and Highway Design Values; Shoulder Left/Right is now Shoulder Inside/Outside; Changed Load Limit references from Design Division to Construction Division.

Chapter 12 - Updated Highway Design and Secondary Route values.

Chapter 14 - Clarified references to the TPP website and updated graphics to reflect the look of the current Texas Highway Designation Files.

Supersedes

These manual revisions supercede sections of Chapters 1 through 4, 6 through 8, 10, 12, and 14.

Contact

Refer questions or suggestions to the Special Projects and Policy Analysis Branch of the Administration Section of the Transportation Planning and Programming Division.

Manual Notice 2003-01

To: All Districts and Divisions

From: James L. Randall, P.E.

Functional Manual: Texas Reference Marker System User's Manual

Effective Date: July 1, 2003

Purpose

The manual provides Texas Reference Marker (TRM) System Highway Data File users with the necessary information to input data to, or extract data from TRM. This manual is contained in the Planning, Programming, Environmental collection of the TxDOT Online Manual System.

Contents

The manual contains fifteen chapters and one appendix. The following table describes the changes:

Chapter 10 Pavement Data	
Section 2 Mainlane Centerline + Frontage Road Attributes	Highway Design values for One-way Pair and One way
Section 4 Left/Right Mainlane Attributes	Median Type value for One-way Pair
Section 5 Roadbed-Specific Attributes	Speed Limit Maximum
Chapter 11 Features	
Section 4 TPP/District Feature Input Instructions	Roadside Feature value for Traffic Management Instrumentation
Chapter 12 Administrative Data	
Section 2 Continuous Length Center Attributes	♦ Highway Design values for One-way Pair and One way ♦ Metropolitan Statistical Area (MSA) Class values ♦ Special Systems deleted
Section 3 Non-Continuous Length Attributes	Secondary Route Designations for Urban Route and Federal Aid
Chapter 15 Error Messages	
Section 2 Error Message	♦ TRM000048 ♦ TRM000049 ♦ TRM000050 ♦ TRM000060 ♦ TRM000063 ♦ TRM000064 ♦ TRM000144

Supersedes

These manual revisions supercede sections of Chapters 10, 11, 12, and 15.

Instructions

The manual is distributed online only, so there is no need to remove and replace.

Contact

Refer questions or suggestions to the Special Projects and Audit Branch of the Administration Section of the Transportation Planning and Programming Division.

Manual Notice 2002-01

To: All Districts and Divisions

From: James L. Randall, P.E.

Functional Manual: Texas Reference Marker System User's Manual

Effective Date: October 1, 2002

Purpose

The manual provides Texas Reference Marker (TRM) System Highway Data File users with the necessary information to input data to, or extract data from TRM. This manual is contained in the Planning, Programming, Environmental collection of the TxDOT Online Manual System.

Contents

The manual now contains fifteen chapters and one appendix. This table describes the changes:

Chapter 1	♦ Removed redundant links
	♦ Removed highlighting from some tables
	♦ Changed some link addresses
	♦ Made some grammatical changes
	♦ Removed links to Administrative Documents; information is now contained within this manual in the appropriate chapters
Chapter 2	♦ Removed highlighting from some tables
	♦ Removed TPP and District Matrices; information in these matrices is included in the various instruction tables in the appropriate chapters
Chapter 3	♦ Removed highlighting from some tables
	♦ Separated Update Functions by Responsibilities
	♦ Moved "ARI and Reports Processing" sections to Chapter 4
Chapter 4	New Chapter: "ARI and Reports Processing"
Chapter 5	♦ Was Chapter 4
	♦ Removed highlighting from some tables
	♦ Removed redundant links
	♦ Made some grammatical changes
	♦ Moved "Distance From Origin Defined" and "Distance Between Markers Defined" subsections to before "Placeholder Markers 000 and 9999" subsection
	♦ Moved "Texas Highway Designation Files" section to Chapter 14
Chapter 6	♦ Was Chapter 5
	♦ Removed highlighting from some tables
	♦ Reorganized responsibilities tables

Chapter 7	◆ Was Chapter 6 ◆ Made some grammatical changes ◆ Added history of Reference Marker Numbering System and Reference Marker Installation Procedures
Chapter 8	◆ Was Chapter 7 ◆ Removed redundant links ◆ Reconfigured "Update Roadbed Constraints" and "Update Roadbed Responses" tables
Chapter 9	◆ Was Chapter 8 ◆ Removed redundant links
Chapter 10	◆ Was Chapter 9 ◆ Removed highlighting from some tables ◆ Reorganized responsibilities tables ◆ Made some grammatical changes ◆ Removed redundant links
Chapter 11	◆ Was Chapter 10 ◆ Reorganized responsibilities tables ◆ Reorganized instruction section by responsibility ◆ Removed highlighting from some tables ◆ Removed redundant links
Chapter 12	◆ Was Chapter 11 ◆ Removed highlighting from some tables ◆ Reorganized responsibilities tables ◆ Made some grammatical changes ◆ Removed redundant links
Chapter 13	◆ Was Chapter 12 ◆ Moved "Office of Responsibility" subsection ◆ Removed redundant links
Chapter 14	New Chapter: "Texas Highway Designation File"
Chapter 15	◆ Was Chapter 13 ◆ No other changes
Appendix A	Added four new traffic categories with definitions

Supersedes

These manual revisions supercede:

◆ Chapters 1 through 13 and Appendix A, Texas Reference Marker (TRM) System User's Manual, dated 10/1/2001

◆ Administrative Order 30-88

◆ Administrative Circular 01-90

◆ Administrative Announcement 03-90

◆ Administrative Circular 04-90

◆ Administrative Circular 16-90

◆ Administrative Circular 08-92.

Instructions

The manual is distributed online only, so there is no need to remove and replace.

Contact

For questions or suggestions, contact the Special Projects and Audit Branch of the Administration Section of the Transportation Planning and Programming Division.

Manual Notice 2001-01

To: All Districts and Divisions

From: James L. Randall, P.E.

Functional Manual: Texas Reference Marker System User's Manual

Effective Date: October 1, 2001

Purpose

The manual provides Texas Reference Marker (TRM) System Highway Data File users with the necessary information to input data to or extract data from TRM. This manual is contained in the Transportation Planning and Programming Collection of the TxDOT Online Manual System.

Contents

The manual contains 13 chapters and one appendix.

Introduction to TRM, Feature Characteristics, and TRM Operating Environment establish the bases for inputting information to TRM.

Routes, Highway Status, Reference Markers & Coordinates, Roadbeds, Linked Route Segments, Pavement Data, Features, Administrative Data, and Geometric Data provide step-by-step instructions to input the information.

TRM Error Messages provides information about the various error messages in TRM. Appendix A, Traffic Data Query and Terms, provides information about TRM traffic data.

Supersedes

This manual supersedes *Texas Reference Marker System*, Volume 4, "Highway Data File," as revised January 2000.

Instructions

The manual is distributed online only so there is no need to remove and replace.

Contact

Refer questions or suggestions to the Special Projects and Policy Analysis Branch of the Administration Section of the Transportation Planning and Programming Division.