

Bridge Railing Manual
Archived Manual Notices

Manual Notice 2014-1

From: Gregg A. Freeby, P.E., Director, Bridge Division

Manual: *Bridge Railing Manual*

Effective Date: December 01, 2014

Purpose

This manual summarizes current policies governing the use of bridge railing in Texas, and it provides information on acceptable Texas bridge railing types.

Contents

The revisions in this version add new rail types TIP, T631, T631LS, and C66; clarify measuring railing height; define speed; add policy for bridge railing ends; add policy for railing on retaining walls; add heights to Table 4-2; add requirements for upgrading pedestrian railing; certify reimbursement eligible safety hardware; and add railing placement figures.

Contact

For more information about this update, contact the Bridge Division.

Archives

Past manual notices are available in a [pdf archive](#).

Manual Notice 2013-1

From: Gregg A. Freeby, P.E., Director, Bridge Division

Manual: *Bridge Railing Manual*

Effective Date: May 01, 2013

Purpose

This manual summarizes current policies governing the use of bridge railing in Texas, and it provides information on acceptable Texas bridge railing types.

Contents

The revisions in this version update FHWA policy on railing, update state policy regarding rail on retaining wall, add new rail type T131RC, update state policy on existing rail, identify railings that are acceptable but no longer used for new construction, and update combination rails acceptable for high speed use.

Contact

For more information about this update, contact the Bridge Division.

Archives

Past manual notices are available in a [pdf archive](#).

Manual Notice 2012-1

From: Gregg A. Freeby, P.E., Director, Bridge Division

Manual: *Bridge Railing Manual*

Effective Date: April 01, 2012

Purpose

This manual summarizes current policies governing the use of bridge railing in Texas, and it provides information on acceptable Texas bridge railing types.

Contents

This version of the TxDOT Bridge Railing Manual represents a substantial rewrite of a majority of the previous version. As a result, it is not practical to highlight or summarize the revisions. Generally, the revisions are to incorporate provisions of the AASHTO Manual for Assessing Safety Hardware; include an expanded list of acceptable rail types; and clarify treatment of existing bridge railing based on type of project. Please consult this version in its entirety as the prevailing TxDOT bridge railing policy.

Contact

For more information about this update, contact the Bridge Division.

Archives

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Manual Notice

From: William R. Cox, P.E.

Manual: *Bridge Railing Manual*

Effective Date: May 01, 2006

Purpose

This manual summarizes current policies governing the use of bridge railing in Texas, and it provides information on acceptable Texas bridge railing types.

Supersedes

This 2006-1 version of the manual supersedes the 2005-1 version.

Changes

This revision updates state policy on railing for bridge-class culverts, identifies railings that are acceptable but no longer used for new construction, adds an index, and makes minor editorial corrections.

Contact

For more information about this update, contact the Bridge Division.

Archives

Past manual notices are available in a pdf archive.

Manual Notice 2005-1

To: Districts, Divisions and Offices

From: William R Cox, P.E.

Manual: 2005-1 Revision of the *Bridge Railing Manual*

Effective Date: June 1, 2005

Purpose

This manual summarizes current policies governing the use of bridge railing in Texas, and it provides information on acceptable Texas bridge railing types. The current revision removes references to the Rail Anchorage Curb Retrofit standard drawing and adds descriptions of the following new railings: T401, T402, C402, T77, T221, C221, and B221.

Instructions

Revisions are distributed online only. This 2005-1 version supersedes the 2003-1 version.

Contents

The manual contains five chapters – Policies on Use of Bridge Railing; Acceptable Bridge Railing in Texas; Obsolete Railing on Existing Bridges; Temporary Bridge Railing; and Pedestrian, Bicycle, and ADA Requirements for Bridge Railing.

Contact

For more information regarding any chapter or section in this manual, please contact the Technical Services Section of the Bridge Division.

Manual Notice 2003-1

To: Districts, Divisions and Offices
From: Mary Lou Ralls, P.E.
Manual: 2003-1 Revision of the *Bridge Railing Manual*
Effective Date: August 1, 2003

Purpose

This manual summarizes current policies governing the use of bridge railing in Texas, and it provides information on acceptable Texas bridge railing types. The current revision adds information about acceptability of in-place railing that complies with NCHRP-230 requirements, adds information about railing on culverts, adds information about railing on bridges scheduled for maintenance overlays, adds information about the T502 and C502 railing types, adds profile sketches and information about minimum heights after maintenance overlays for specific railing types, and clarifies bridge slope requirements.

Instructions

Revisions are distributed online only. This 2003-1 version supersedes the 2002-1 version.

Contents

The manual contains five chapters – Policies on Use of Bridge Railing; Acceptable Bridge Railing in Texas; Obsolete Railing on Existing Bridges; Temporary Bridge Railing; and Pedestrian, Bicycle, and ADA Requirements for Bridge Railing.

Contact

For more information regarding any chapter or section in this manual, please contact the Technical Services Section of the Bridge Division.

Manual Notice 2002-1

To: Districts, Divisions and Offices
From: Mary Lou Ralls, P.E., Bridge Division
Manual: 2002-1 Revision of the *Bridge Railing Manual*
Effective Date: February 1, 2002

Purpose

This manual summarizes current policies governing the use of bridge railing in Texas, and it provides information on acceptable Texas bridge railing types. The current revision adds information on the acceptability of T6 bridge railing for use limited to low speed (45 mph or less) applications.

Instructions

Revisions are distributed online only. This 2002-1 version supersedes the 2001-1 version.

Contents

The manual contains five chapters – Policies on Use of Bridge Railing; Acceptable Bridge Railing in Texas; Obsolete Railing on Existing Bridges; Temporary Bridge Railing; and Pedestrian, Bicycle, and ADA Requirements for Bridge Railing.

Contact

For more information regarding any chapter or section in this manual, please contact the Technical Services Section of the Bridge Division.

Manual Notice 2001-01

To: Districts, Divisions and Offices
From: Steven E. Simmons, P.E., Deputy Executive Director
Manual: *Bridge Railing Manual*
Effective Date: December 1, 2001

Purpose

This manual summarizes current policies governing the use of bridge railing in Texas, and it provides information on acceptable Texas bridge railing types.

Instructions

This manual is new, and it does not supersede any previous manual.

Contents

The manual contains five chapters – Policies on Use of Bridge Railing; Acceptable Bridge Railing in Texas; Obsolete Railing on Existing Bridges; Temporary Bridge Railing; and Pedestrian, Bicycle, and ADA Requirements for Bridge Railing.

Contact

For more information regarding any chapter or section in this manual, please contact the Technical Services Section of the Bridge Division.