

Welcome to Bridge Briefings

We will begin at 11:30 AM



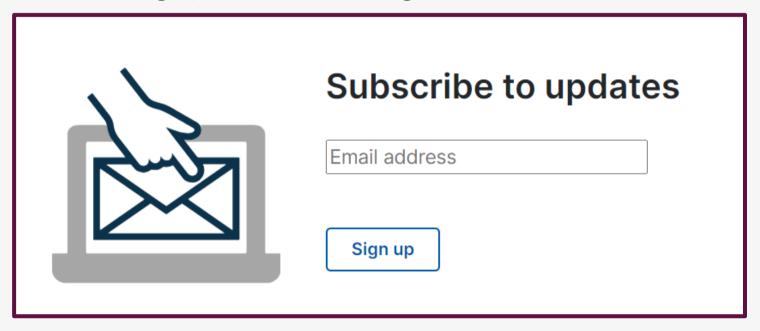
Reminders

- Chat is turned off, please use the Q&A box
- Slides will be posted on the Bridge Website:

https://www.txdot.gov/business/resources/highway/bridge/webinar-presentations/bridge-briefings.html

Don't miss out on other updates!

https://www.txdot.gov/about/divisions/bridge-division.html



Don't miss out on other updates!



□ □ Bridge	
☐ Construction	
☐ Design Policy or Standards Release	
☐ Foundation Design and Construction	
☐ Geotechnical	
☐ Inspection	
☐ Maintenance	
☐ Preservation	
☐ Retaining Wall Design and Construction	
☐ Steel Quality Council	
☐ Superheavy Review	
☐ Texas Ancillary Structures Interest Grou	р

PDH

Please remember Bridge Division does not provide documentation for TX Board
 PDH approval. Each engineer should exercise personal judgement when counting webinar topics for their professional development hours. For more info on what qualifies for Continuing Education, please visit https://pels.texas.gov/CEPInfo.htm



2025 Roadway Design and Bridge Conference

Registration is now open!

https://roadway-design-and-bridge-conference.webflow.io/





Home / About / TxDOT Divisions

Bridge Division

TxDOT Divisions Division Directors Alternative Delivery Aviation Bridge Bridge Civil Rights

Communications

Compliance



The Bridge Division supports the structural planning, design, review, construction and inspection of over 55,000 state bridges. The division also develops policies, design standards, manuals and quidelines for the design, maintenance and construction of a safe

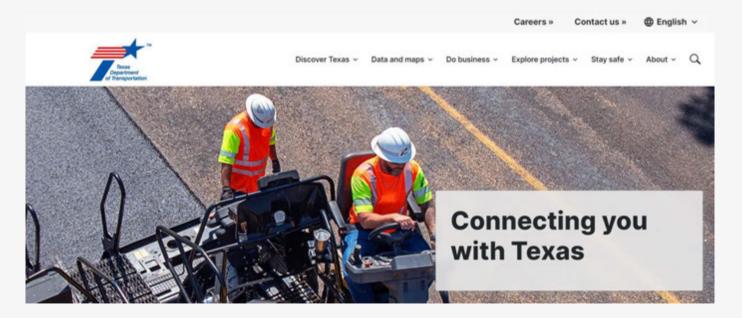
Contact us Email Bridge Division 512-416-2183 6230 E Stassney Lane Austin, TX 78744

Bridge Division Resources

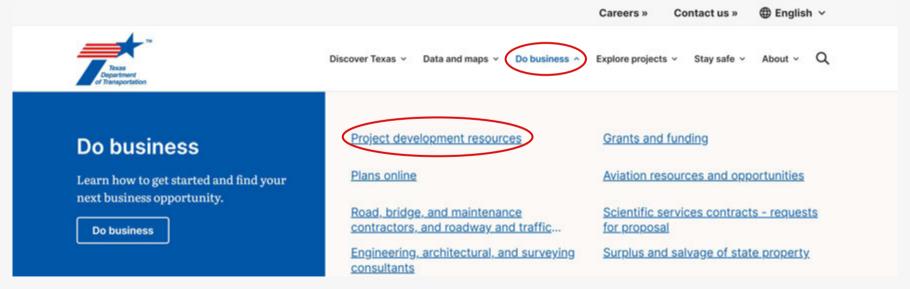
Sara Watts, P.E. & Niyi Arowojolu, P.E.



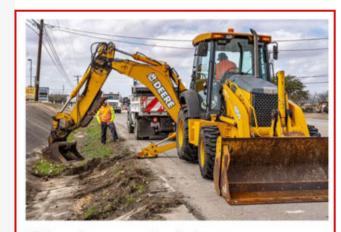
• https://www.txdot.gov



 From the <u>txdot.gov</u> home page banner select Project development resources from the Do business drop down.



 From Project development resources, scroll down and select the Guidance for bridge and roadway construction







Traffic design standards for signs, signals, and markings

TMUTCD, SHSD, & traffic planning publications »

 From Guidance for bridge and roadway construction, select the Review bridge design, construction, maintenance, inspection and management





Bridge design, construction, maintenance, inspection, and management

Policy, resources, and related guidance for bridges and other transportation structures.

Review bridge design, construction, maintenance, inspection, and management



Bridge and roadway construction reports

Construction report, reporting on completed highway construction projects, and more.

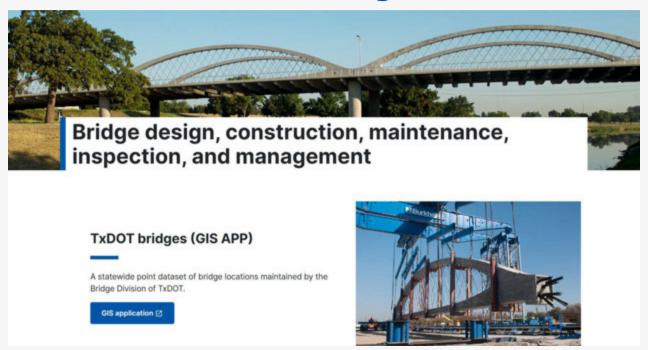
Find construction reports >



Erosion control - products and vendors

The latest performance data for rolled and spray-on erosion control, sediment retention devices, and re-vegetation products.

Find erosion control data >



TxDOT Design Resources

Here you will find **design** resources on the items below:

- Pipe Design
- Approval Systems
- Geotechnical Design
- Bridge Publications
- 3D Modeling



Approval systems



Bridge publications



Pipe design and durability



Geotechnical



3D bridge modeling

TxDOT Design Resources

Here you will find **design** resources on the items below:

- Pipe Design
- Approval Systems
- Geotechnical Design
- Bridge Publications
- 3D Modeling









- TxDOT pipe information
 - Bridge Standards
 - Material Requirements
 - Hydraulic Design Manual
 - Standard Specifications
 - Material Producer List

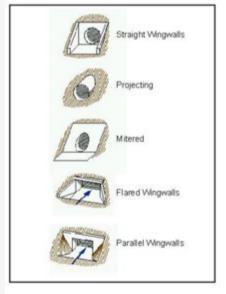
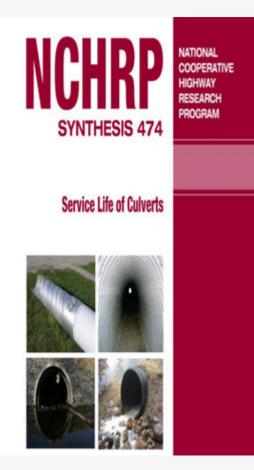


Figure 8-2. Typical Culvert End Treatments

From the TxDOT Hydraulic Design Manual

- Service life of culverts
- Link to NCHRP 474
 - Most common culverts
 - Factors that influence corrosion in metal and concrete pipes
 - How to stop corrosion
 - Service life predictions



- Reinforced concrete pipes
 - American Concrete Pipe Association Website and Fill-Height Tables
 - Concrete Pipe Design Manual
 - Provides design data and specifications
 - Provides concrete facts
 - Precast concrete pipe life cycle and durability



Photo credit: American Concrete Pipe Association

- Corrugated metal pipe and steel
- National Corrugated Steel Pipe Association (NCSPA) Website
 - CSP LRFD HOC calculator
 - Corrugated Steel Pipe Design Manual
- Durability Analysis of Aluminized Type 2 Corrugated Metal Pipe Document



Photo credit: NCSPA

- Plastic Pipes
 - Design Considerations for Specifying
 Thermoplastic Pipes on TxDOT Projects
 - Thermoplastic Pipe Installation Working
 Drawing
 - Plastic Pipe Institute



Photo credit: Plastic Pipe Institute

TxDOT Design Resources

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- Pipe Design
- **Approval Systems**
- Geotechnical Design
- **Bridge Publications**
- 3D Modeling













3D bridge modeling

Approved systems

- Systems approved for use on TxDOT Bridge Projects
 - Expansion Joints
 - Concrete block retaining walls
 - MSE Wall Panels
- Manufacturers
- Contact Information

Approved asphalt plug joint systems

The following asphaltic plug expansion joint systems are approved for use on TxDOT projects:

Product name 🗦	Manufacturer 🕀	Contact ⊕
Matrix 501, Matrix 502	Crafco, Inc. 420 N. Roosevelt Ave. Chandler, AZ 85226	Gus Leal 469-520-4622
Matrix 502 Asphalt Plug	D.S. Brown Co. 300 E. Cherry St. North Baltimore, OH 45872	419-257-3561
Wabo-Expandex	BASF 3011 Heatherpark Drive Kingwood, TX 77345	Robert Walker 281-414-3114
Fibrejoint Asphaltic Plug Joint	FPT Infrastructure, Division of Fibrecrete Preservation Technologies, Inc. 401 Old US 52 South Mount Airy, NC 27030	Mike McGuire 346-318-7663 info@fptinfrastructure.com

TxDOT Design Resources

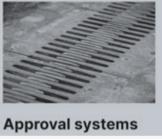
Here you will find **design** resources on the items below:

Pipe design and

durability

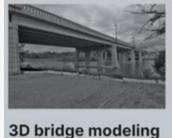
- Pipe Design
- Approval Systems
- **Geotechnical Design**
- **Bridge Publications**
- 3D Modeling











Geotechnical

- Retaining Walls
 - Cut or fill determination
 - Constructability
 - Aesthetics
 - Alternate walls
 - Wall layout considerations
 - Stability considerations
 - Design procedures

- Recommended construction and maintenance system selection
- Recommended construction practices
- Recommended maintenance
- Approved systems



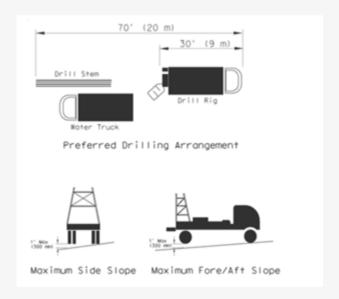
Retaining walls

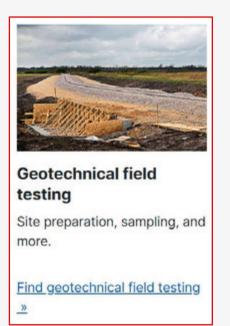
Retaining wall criteria.

Learn more about retaining walls »

Geotechnical

- Geotechnical field testing
 - Site preparation
 - Sampling
 - Field testing
 - Classification





Geotechnical

- Soil and bedrock
 - Find information on classification and variations
 - Logging Method









Soil and bedrock

Classifications, variations, and logging.

Discover soil and bedrock info

Photo credit: nps.gov

TxDOT Design Resources

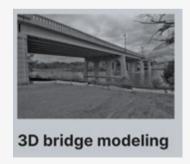
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- Bridge Publications
- 3D Modeling

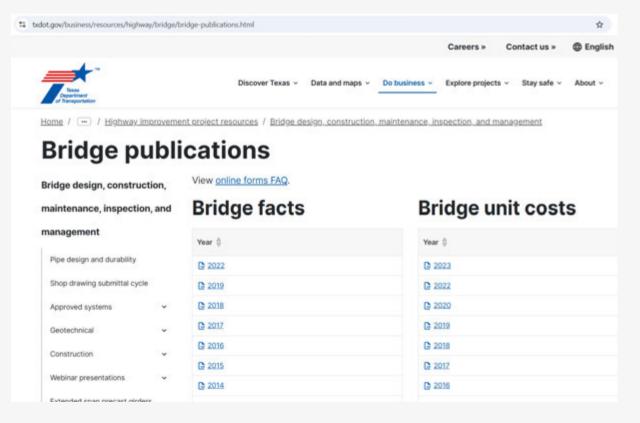








Bridge publications



• Bridge unit costs

State FY 2023 Low Bi	d Average for New a	nd Replaced Bridges
		The state of the s

Length, LF		20-50	51-100 101-200 201-400 401-100		1000	>1000			2023 Average		2023 Total Number									
Bridge Type	*	\$/\$F	#		\$/SF			\$/SF	#		\$/SF	*		\$/SF		- 5	S/SF	\$/	SF	
CLV	51	\$ 134.09	19	\$	123.59	2	\$	154.11	0			1	5	112.73	0			\$ 13	0.76	73
GPITX	1	\$ 137.37	49	5	160.48	47	5	142.10	113	5	107.34	42	5	100.79	17	5	91.64	\$ 10	1.95	269
GP - BX	1	\$ 291.85	16	\$	218.41	1	5	148.84	0			0			0			\$ 21	0.27	18
SLAB	2	\$ 194.77	0		-	0		-	0			0		-	0			\$ 19	4.77	2
GPD58	1	\$ 211.53	1	\$	185.58	1	\$	139.97	0		50	0			0			\$ 16	5.40	3
GP-IB	0	-	0			0			0			0		-	0			5		0
PAN	0	P	0		-	0		-2	0		-	0	200	-	0		20	\$	-	0
PCSB	24	\$ 171.28	20	\$	178.35	24	\$	153.00	5	\$	108.95	1	\$	99.01	0			\$ 14	3.87	74
GS-I *	0		0			0			2	\$	109.66 *	1	5	244.27*	0			\$ 163	1.08*	3
GS-TR	0		0		13 3	0			0	701		0			0		10	5		0
GS-Truss	0	9-3	0		75-7	0		-2	0		-93	0		7-	0		-	\$	-	0
GPTB	0		0			0		-	0			0		. 1	0			\$		0
GST	0.		0			0			0		-	0		-	0			5	- *	0
GPCXB	0		1	\$	170.14	2	5	151.64	1	5	178.75	0			0		*	\$ 16	3.46	4
GPUB	0		0	-		0			2	5	99.11	2	5	115.42	2	5	95.45	5 9	9.72	6
All Types Total									\$ 106	5.22	452									
	Span Bridges (All Types excluding culverts)							\$ 105	.28	379										

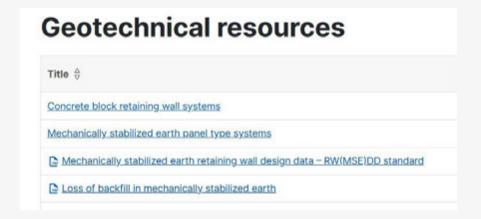
^{*}The \$/5F for GSI beams are for the entire bridge, which are comprised of prestressed concrete beam approach spans and steel beam spans. For the 201-400 Length bridge, the unit costs for the steel portion was \$140/5F (span length = 200').

Legend

CLV	Culvert	GP-IB	I Beam Prestr Conc	GS-Truss	Steel Truss
GPITX	TX I Beam Prestr Conc	PAN	PAN Concrete Girder	GPTB	T Beam Prestr Conc
GP - BX	Box Beam Prestr Conc	PCSB	Slab Beam Prestressed Concrete	GST	T Concrete Girder
SLAB	Concrete Slab	GS-I	Steel I Beam	GPCXB	X Box Beam Prestr Conc
GPDSB.	Decked Slab 8m Prestr Conc	GS-TR	Steel Trapezoidal Beam	GPUB	U Beam Prestr Conc

- Construction and maintenance
 - Bridge Preservation Guide
 - Precast concrete stay-in-place forms for bridge decks
 - Shop plan contacts
 - Underwater drilled shaft construction geotech
 - Welding certifications

- Other resources available
 - Geotechnical
 - Highway Bridge Program
 - Inspection
 - Report on Texas bridges
 - Construction reports
 - Online Manuals



TxDOT Online Manuals

- Bridge Design Manual LRFD
 - Design Criteria, Material Requirements and Geometric Constraints
- Bridge Project Development Manual
 - Preliminary Design Features,
 Coordination and BRG Division Role
- Bridge Railing Manual
 - Rail Type Selection

- Concrete Repair Manual
 - Repair procedures by Structural
 Element and Damage Type
- Geotechnical Manual LRFD
 - Incorporates LRFD into Geotechnical
 Evaluation, Design and Quality Control

TxDOT Online Manuals

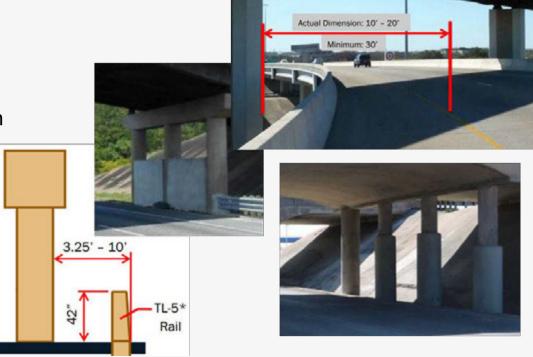
Search TxDOT Manuals

- Design
 - Bent pier protection guide
 - Bridge detailing guide
 - Bridge design guide
 - Corrosion protection guide
 - Pile type selection guidance

- Quality control and quality assurance guide
- Steel bridge design preferred practices
- Design software programs

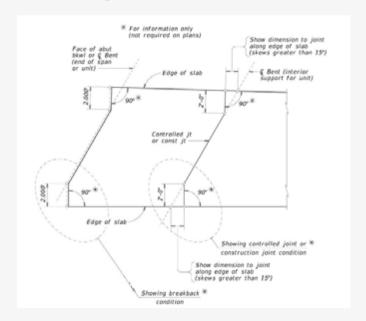
Bent Protection Guide

- Design Considerations
- Load Redirection Design
- Structural Resistance Design
- Engineering DecisionFlowchart
- Examples
- Possible Failure Modes



Bridge Detailing Guide

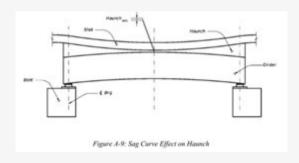
- Contains typical display, geometry and parameters for bridges
- Line weight/Line styles
- Scale/Text information
- Bar Sizes, Cover and Dimension
- Superstructure and Substructure Appendices beam type
- Foundation Detailing
- Checklists



Bridge Design Guide

- Contains commentary for the Design Manual
- Superstructure Contents:
 - Design preferences/considerations
 by beam type
 - Precast Girder strand limits
 - Vertical Curve Effects on Haunch
 - Twin Tub Redundancy Guidance

- Substructure Contents:
 - Design preferences/considerations by bent type
 - Reinforcement Preferences



Steel Preferred Practices

- Preferred Practices for Steel Bridge Design, Fabrication, and Erection
- This document provides guidance to help steel bridge designers working TxDOT projects to achieve optimal quality and value in steel bridges.
- Considerations for Design, Fabrication and Erection/Construction
- Painting Practices



Click here for more Texas Steel Quality Council

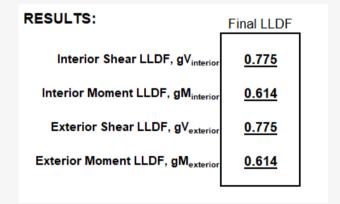
Bridge publications

- Design
- LL Distribution Factor Spreadsheets
 - Prestressed concrete i-beams
 - Prestressed concrete u-beams and x-beams
 - Prestressed concrete box beams
 - Prestressed concrete slab beams
 - Prestressed concrete spread slab beams

- Rectangular reinforced concrete caps, shear design spreadsheet
- Recommendations for
 - Beam spacings
 - Span lengths for i-girders
 - Span lengths for slab beams
 - Span lengths for LRFD, box beams

Live Load Distribution Factor (LLDF) Spreadsheets

- Per AASHTO Article 4.6.2.2.2 and Article
 4.6.2.2.3, LLDF are applied to transform models
 from Beam Line Analysis to 3D. These equations
 are complex, so TxDOT developed spreadsheets
 by beam type to correctly apply complex AASHTO
 requirements
- These can be generated by PGSuper but need to be calculated and inputted manually when the program errors due to Range of Applicability



TxDOT Design Resources

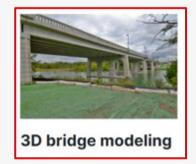
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- Approval Systems
- Geotechnical Design
- Bridge Publications
- 3D Modeling



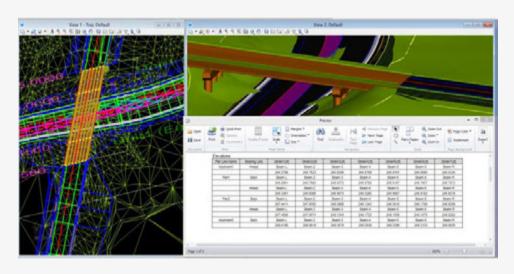






3D Bridge Modeling

- Resources for Open Bridge Modeler
 - Expectation of Use
 - Workspace Files
 - Model Completion Checklist
 - Comparison Report Templates
 - OBM Training Manual and Videos



TxDOT Resources

Other resources available:

GIS App

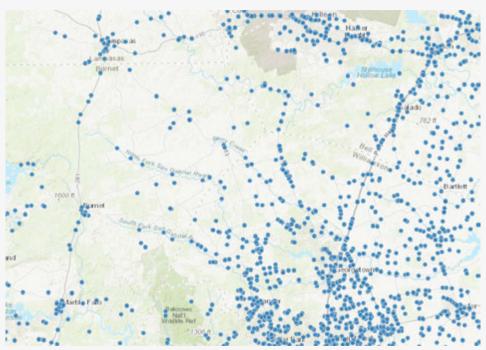
TxDOT bridges (GIS APP)

A statewide point dataset of bridge locations maintained by the Bridge Division of TxDOT.

GIS application [2]



TxDOT Bridges GIS



Shop Drawing Submittal Resources

- Electronic submission of shop
 drawings
- 2024 items reviewed table
- Optional or alternate designs
- Pre-submittal checks
- Shop drawing submittal
- Distributing final shop drawings

- Statewide shop drawing review contacts
- Submitting optional and nonstandard illumination pole designs
- Questions and answers
- Terminology



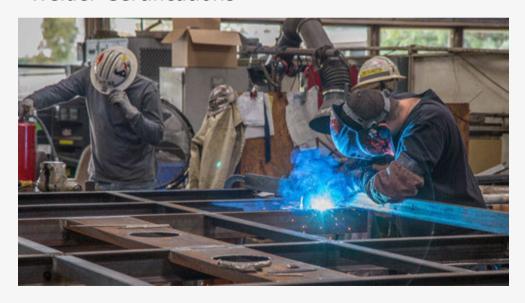
Shop drawing submittal cycle

Typical shop drawing submittal cycle, electronic submission of shop drawings, and more.

Find the shop drawing submittal cycle »

Construction Resources

- Concrete Repair Manual
- Welder Certifications





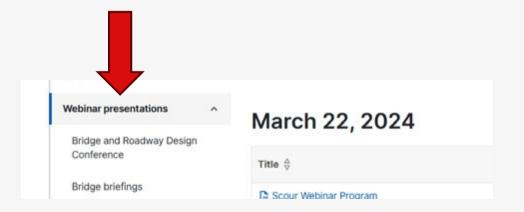
Construction

Welding certifications.

Learn about welding certifications »

Webinar Presentations

Vast library of previous Bridge Division
 Webinars and presentations





Webinar presentations

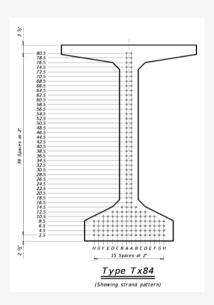
Presentations on TIP testing drilled shafts, design aspects, and more.

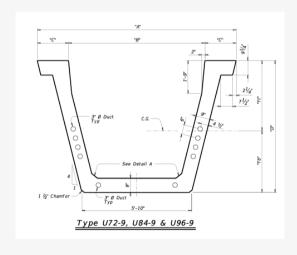
Review webinar presentations



Extended span precast girders

I-girder and U-girder information available







Extended span precast girders

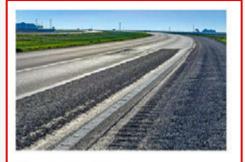
Cross-sections for extended span lengths.

Read about precast girder »

Deck texture requirements

- Concrete superstructures
- PCC pavements and bridge decks
- Bridge plan notes





Deck texture requirements

Proper roadway surface texture, hydroplane prevention.

Review deck texture requirements »

Standard Plan Sheets

- https://www.txdot.gov/business/ resources.html
- TxDOT provides computer aided drawing (CAD) Standard Plan files. Good quality printed versions of the files may be used in plan sets without being signed and sealed by a licensed engineer.



TxDOT standard plan sheets - computer aided design (CAD)

Bridge, roadway, & maintenance standards

>

Bridge Standards

- Open Bridge Modeler Standard Bridge Templates
- Memorandums of Issued/Revised Standards
- Guide and Standard Bearing Design
 Spreadsheet
- Approx 800 Standard Designs by Structure
 Type
- Working Drawings

Download CAD standard plan files

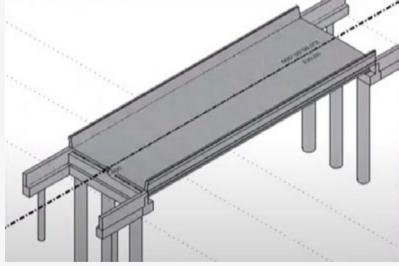
By downloading the files below, you accept the terms and conditions.

- Bridge standards ☑
- . 🔓 Fabrication drawings for the Texas Triangular Slip Base and Wedge Anchor System
- Maintenance standards ☑
- Roadway standards ☑
- · Roadway vegetation for geographic information systems
- · Traffic data collection
- Traffic engineering standards ☑

OBM Bridge Templates

 Bridge Templates for the below beam types in Open Bridge Modeler. From the template, apply the roadway alignment, adjust roadway width and adjust the span length to be bridge specific.

- Prestr. Spread Box Beams
- Prestr. U-Beams
- Prestr. Tx Girders
- Prestr. Slab Beams
- Prestr. Adjacent Box Beams



Bridge Standard – Change Memos

 Memorandums and Revisions are documented on the Bridge Standards Website.

Memorandums of Issued/Revised Standards From September 2000 to Present				
Rev Date	Subject	File Name		
02/23/2024	New and Revised Working Drawings	memo78.pdf		
10/23/2023	Revised Prestressed Concrete I-Girder Standard Drawings	memor77.pdf		
07/31/2023	All Standard Drawings Update for Sheet Models and File Names	memoi76.pdf		
06/26/2023	Revised Culvert Standard Drawings	memoi75.pdf		
04/17/2023	New OBM Templates	memoi74.pdf		
03/09/2023	New and Revised Miscellaneous, Bridge Railing, Culvert, I-Girder and U-beam Standard Drawings	memoi73.pdf		
01/18/2023	New and Revised Concrete I-Girder Standard Drawings	memoi72.pdf		
08/23/2022	Revised Prestressed Concrete X Beam Standard Drawings	memor71.pdf		
08/23/2022	Revised Retaining Wall Standard Drawings	memor70.pdf		
08/08/2022	New Working Drawings	memol69.pdf		
06/15/2022	New and Revised Retaining Wall Standard Drawings	memoi68.pdf		
03/17/2022	Revised TxGirder, X beam, Slab beam, and U beam NO Standard Drawings	memor67.pdf		
12/17/2021	Revised Culvert, Miscellaneous and Retaining Wall Standard Drawings	memor66e.pd		
11/17/2021	Revised Steel Beam Standard Drawings	memor65e.pdf		
07/22/2021	Revised Cast-in-Place Concrete Slab Spans Standard Drawings	memor64e.pdf		
04/26/2021	Revised Single Box Cast-in-Place Culvert Standard Drawings	memor63e.pdf		
01/11/2021	Revised Prestressed Concrete I-Girder and Slab Beam Standard Drawings	memor62e.pdf		
08/13/2020	Revised Miscellaneous Standard Drawing	memor61e.pd		
08/04/2020	Revised Prestressed Concrete Decked Slab Beam Standard Drawings	memor60e.pdf		
07/09/2020	New and Revised Bridge Railing Standard Drawings	memor59e.pd		
02/13/2020	Revised Miscellaneous and Retaining Wall Standard Drawings	memor\$8e.pdf		
02/05/2020	New and Revised Culvert and Drainage Standard Drawings	memoi60e.pdf		
Show Previou	s Memos Hide Previous Memos			

Guide to Bridge Standard Drawings

- Advantages/Usefulness of the Beam Type
- Standard Drawing Location
- Standard Drawing Usefulness
- Standard Drawing Features
- Standard Drawings Needed for Bridge Details
- Additional Drawings Needed to Complete
 Bridge Details

04-23

- Restrictions of Use of Standard Drawings
- Special Considerations

Guide to Bridge Standard Drawings

Standard Bridge Spreadsheet

- Specific Bridge Layout Requirements
- Use the Bridge Spreadsheet to Calculate Bearing Elevations, cap step elevations and list of applicable standards

TxDOT has over 800 Bridge Standards

- Miscellaneous Standards
- Bridge Railing Standards
- Retaining Walls
- Culvert and Drainage
- Prestressed Concrete X-Beams
- Cast-In-Place Slab Spans
- Prestressed U-Beam Details

- Prestressed Concrete I-Girders
- Steel Beams
- Prestressed Box Beams
- Prestressed Decked Slab Beams
- Concrete Slab & Girder
- Working Drawings

Corrosion Protection Guide

This guide serves to enhance corrosion protection measures on bridge structures.

- De-Icing Considerations
- Roadway/Environmental Classifications
- Corrosion Protection Measures such as:
 - High Performance Concrete/Concrete Coating
 - Increased Clear Cover
 - Epoxy Coated Reinforcing
 - Air Entrainment/Corrosion Inhibiting Admixtures
 - Bridge Deck Overlays
 - Crack Control



- Approved inspection team leaders
- Prime Consultant
 Contact list
- NSTM Inspection list
- Tunnel Inspection
 Contact list

Title □ 2019-2022 contract - approved inspection team leaders □ 2019-2022 prime consultants contact list □ 2023-2026 contract - approved team leaders □ 2022-2026 contract - prime consultants contact list □ Nonredundant Steel Tension Member Inspection □ Tunnel inspection

Coding Guide (NBIS)



CODING GUIDE

GENERAL

This Coding Guide is used to interpret and maintain data in the computerized Bridge Inventory, Inspection and Appraisal Files. The interpretation of this coding guide will apply to both ON- and Off-system bridge data. The Bridge Inspection Database contains a record for each Bridge Class Structure (See definition of structures, Item 112) and tunnel on public roadways in Texas. Bridge Inventory, Inspection and Appraisal data is also used to update the National Bridge Inspection File (NBI) in Washington.

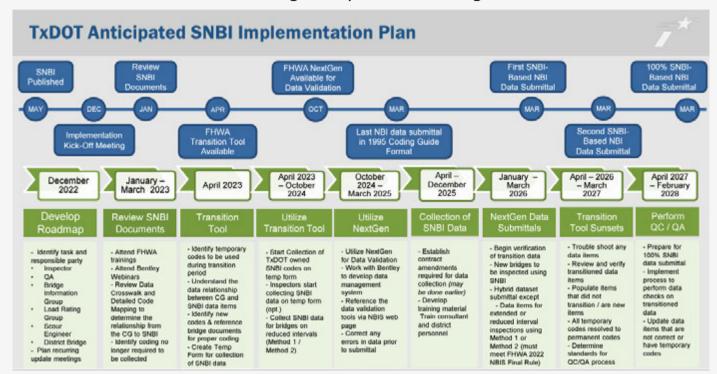
DATA QUALITY CANNOT BE OVEREMPHASIZED. The data in the Bridge Inventory, Inspection and Appraisal Files must be kept in as upto-date condition as possible. Requirements for Bridge Inventory, Inspection and Appraisal data are that an inspection that reflects changes to existing structure data must be updated within 90 days of the evaluation or inspection that denotes the change in status. Newly built or rehabilitation projects are to be reported within 90 days of job completion. Note: (SR) in the right margin means that item number is used in the Sufficiency Calculation. See the CICS BRISUF calculation in the Appendix for more information.

CODING INSTRUCTIONS

When coding on a disk input or using a coding form, the following rules should apply:

- Use one character per space. Complete all data items for each bridge when adding new records. Before loading transactions, perform a virus scan of any disks received from outside sources.
- (2) Use alpha characters only in the fields where specified, and use capital letters.

SNBI Implementation- Contact State Bridge Inspection Manager: Mark Wallace

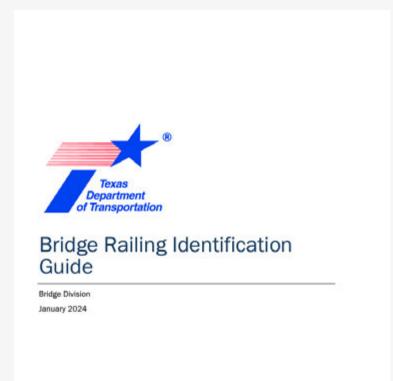


Bridge Inspection
 Manual



Inspection Resources

- Bridge Railing
 Identification Guide
- Metal Beam Guard
 Fence Identification
 Guide



Load Rating Resources

- Rate Spreadsheet
- Load Rating Flowchart
- Material Information for Rating Bridges
- Prestressed Beam
 Quick Reference



TxDOT Superheavy Bridge Requirement



TxDOT Statewide Planning Map



AssetWise Resources

Revised 7/12/2023

AssetWise Attachments Naming Convention

AssetWise Folder	Inspection Type	Document	File Name (Bridge ID, Document Description, Date) (Bridge ID: District-County-Control-Section-Str. No.)	
		All files listed below apply to On-System and Off- System bridges unless denoted with "*" indicating On-System only or "ir" indicating Off-System only.		
Inspection Attachments (PDFs) (In the Report)	Routine	Cover Page Table of Cortents Location Map Memo to File - Delayed Inspection (if applicable) Follow-Up Action Worksheet (*) Maintenance Module Follow-Up Action Form(s) Load Posting Information Form (s) Bridge Summary Sheet (s) Bridge Summary Sheet (s) Bridge Inspection Record Deterioration Sterches (if applicable) Inventory Record Inventory Sketch (if applicable) Inventory Sketch (if applicable) Loannel Cross-Section Measurement Record Channel Cross-Section Plot Underclearance Record Sketch Elements (if applicable) Inspection Photos Instory Sheet	DD-CCC-CCCC-SS-SSS_RTInsp_YYYY-MM	
	Fracture Critical	Cover Page Table of Contents Memo to Fis - Delayed Inspection (if applicable) Follow-Up Action Worksheet (*) Maintenance Module Follow-Up Action Form(s) Traffic Control Description Railroad Coordination Summary Fracture Critical Inspection Summary Fracture Critical Inspection Summary Fracture Critical Inspection Further oricial related) Condition Railrags and Inseedory Updates	OD-CCC-CCCC-SS-SSS_FCReport_YYYY-MM	



AssetWise Maintenance Module

TxDOT User Guide

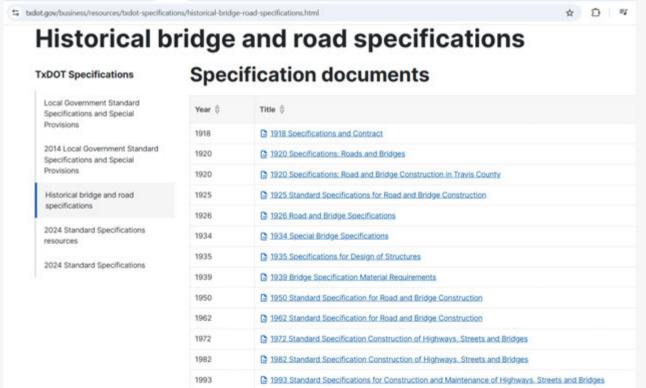
Objective

The purpose of this document is to provide guidance for the Maintenance Module. This document may also be used as a refresher for staff already familiar with the program. The Maintenance Module system replaces the antiquated Follow-Up Action Worksheets and Excel Follow-Up Action Summary Spreadsheets.

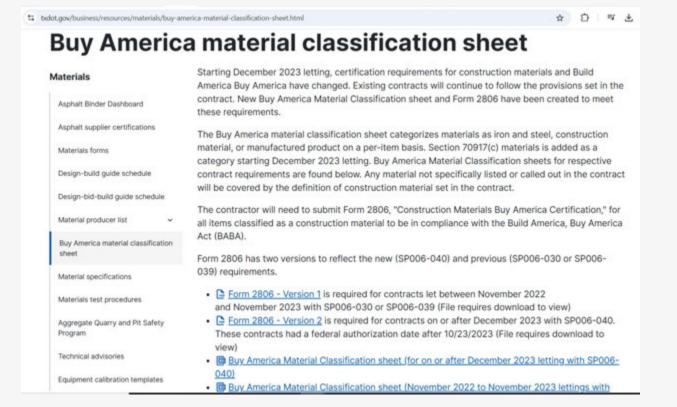
BRG Division

Updated: 9/21/2023

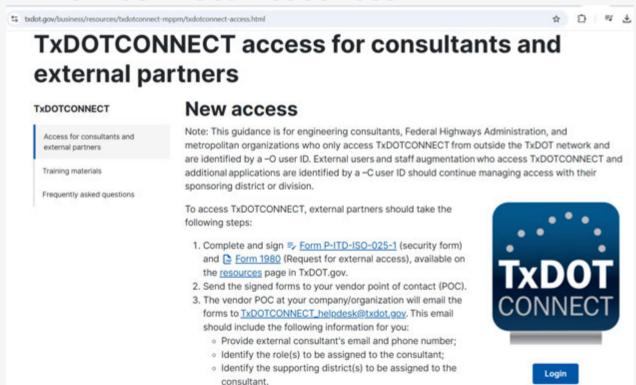
Historical TxDOT Bridge and Roadway Specification



Buy America Material Classification



TxDOT Connect Resources



4. The TxDOTCONNECT help desk will request -O network

Other Resources

- Forms and guides
- Design Tools and Training
- Surveyors' toolkit
- Digital Delivery











Design tools and training >

Utility crossing permits for state owned rail »

Railroad - highway crossing information »

Rail safety programs »







Local Government
Programs »



New Product Evaluation



<u>Training</u> »



Surveyors' toolkit »



Project and portfolio management »



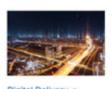
TXDOTCONNECT »



Print publications for sale »



<u>Traffic data collection -</u> <u>Weigh-In-Motion »</u>



Digital Delivery »

