

Temporary protection measures for bridge openings

Overview

This may include: propping, needling, shoring, facade retention, crash decks, weather protection, temporary screens (to control noise or dust), etc. Temporary works are commonly the contractor's responsibility. Protective covers can be used to control debris from falling vertically or projected laterally from the bridge removal operation.

A-1 APPENDIX B—FALSEWORK AND FORMWORK DESIGN EXAMPLES. B-1 Example 1—Slab Falsework with. This BDM provides guidance on using the temporary barrier systems. All bridge and earth retaining systems projects should use the minimum clear area width as stipulated in Section 12-3. 20C of the Caltrans Standard Specifications and the Caltrans Traffic Safety System Manual. However, the Construction (Design and Management) Regulations 2015 (CDM 2015) require. SafetyRespect saves lives with fall protection installed on several bridges being built around Europe and North America. In building constructions that consists of wooden beams, the Wood.



Article Content

Feb 27, 2026

Chapter 3

Fall protection is required for open sides or ends of floors or bridge decks, and for openings in floors or bridge decks,

Dec 22, 2025

Fact Sheet 1.4: Bridges

If the opening under a bridge is too small or is blocked, the bridge can flood, damaging the bridge deck, railings and trusses.

Jun 16, 2026

Bridge Construction Safety – What You Should Know

Nature Bridges follows ABC guidelines to ensure that fall protection measures are in place. You may see

Sep 30, 2025

Safety and Fall Protection Mechanisms: A Bridge to Safer Public

How to implement safety and fall prevention measures without compromising the structural integrity and aesthetics of the bridge itself.

Nov 02, 2025

Temporary Bridging & Site Access

Temporary bridging and site access solutions As an award winning temporary works specialist, we have over 60 years" experience

Aug 25, 2025

Temporary Works in Construction of Bridges Near Third Party Assets

Abstract This paper gives a summary of the temporary works and methods applied to enable the construction of bridges near third

May 21, 2026

Bridge Maintenance Manual

This manual has been prepared as a guidance document for in-house department forces to aid them in addressing the most common

Aug 06, 2025

Temporary Works

The law says any temporary structure must be designed, installed and maintained to withstand any foreseeable loads which may be

Jul 16, 2026

Global Industry And Building Codes Information, All Newest ASTM,

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Jul 28, 2025

Temporary Structures Manual, Chapter 8

8-1 Introduction This chapter addresses temporary bridge structures that are either designed by the Contractor or included in the

Jul 30, 2025

Bridge Temporary Works: Construction Handbook For

This document provides guidance on temporary works for bridge construction. It covers topics such as falsework, formwork, and

Feb 28, 2026

Bridge Construction Temporary Works Design

Explore innovative temporary works design strategies for bridge engineers, enhancing project safety with DataCalculus insights.

Mar 18, 2026

Recommendations for Bridge and Tunnel Security

Bridge and tunnel security, like security for any infrastructure asset, includes a broad range of issues that must be addressed to

May 21, 2026

Fall Protection Systems for Bridge Work

What Is Fall Protection? Fall protection is a broad concept. It is more than equipment systems alone. It includes training, procedures,

Oct 30, 2025

Construction Handbook for Bridge Temporary Works, 2nd Edition,

Section Four—Temporary Retaining Structures focuses primarily on cofferdams and their application to bridge construction. As

Aug 15, 2025

BDM 13.1 TEMPORARY BARRIER SYSTEMS

Temporary barrier systems are used to protect the traveling public and highway construction workers from errant vehicles and other

Feb 25, 2026

Plan for Hazards

Interim flood protection measures are meant to provide a temporary level of protection while permanent

May 28, 2026

Bridge Removal Manual, Chapter 5

A protective cover is a temporary structure used to control and contain debris from bridge removal operations. Protective covers can

Mar 26, 2026

PROKIT, Temporary Edge Protection for your Project

PROKIT The safety system for temporary edge protection. Ensuring the well-being of your workers and the integrity of your

Jan 19, 2026

10 Essential Safety Tools for Bridge Workers

Learn the top safety tools essential for bridge workers. Ensure compliance with OSHA traffic control

Oct 21, 2025

Technical Advice: Fall Protection in Bridge Construction, Inspection ...

Fall Guide Protection to Selecting Systems Fall Protection Systems for Bridge Work Bridge work tasks that put workers at risk of falls

Apr 10, 2026

Structural Design of Temporary Structural Supports for Existing

Important matters must be considered before design of temporary supports During the planning stages for a temporary support

Oct 08, 2025

Temporary Works Toolkit

If a single or double skin of brickwork requires support, there are two commonly used simple temporary works solutions: Proprietary

Apr 30, 2026

Temporary Works Toolkit

Neighbouring properties may rely on the building or structure for support or stability and may require temporary structural support or

Apr 19, 2026

Bridge Temporary Works

Guide Design Specification for Bridge Temporary Works - A guide design specification that will enable users to update

Oct 27, 2025

Temporary edge protection for bridge construction

SafetyRespect saves lives with fall protection installed on several bridges being built around Europe and North

Oct 26, 2025

Temporary works for concrete bridges | Concrete Society

There are many different temporary works solutions used in concrete bridge construction. Their design and installation needs to

Feb 24, 2026

Opening Protection Management

Opening Protection Management Unprotected openings in work areas present significant fall hazards during NCC T& D operations.

May 07, 2026

Bridge Temporary Works: Construction Handbook For

It covers topics such as falsework, formwork, and temporary retaining structures. The document establishes standards and

Nov 20, 2025

BRIDGE MANUAL

This Bridge Manual has been prepared to provide policies and procedures required for bridge project development and bridge design

Oct 05, 2025

Bridge Rehabilitation and Strengthening Manual PART-1 Method

The bridge rehabilitation methods suggested in this manual aim to maintain the bridge to bring back in sound condition and at its

Feb 25, 2026

Temporary Bridge Installation: Compliance Tips for 2026

Ensure your temporary bridge installation complies with regulations in 2026. E& H

Sep 29, 2025

Temporary Works in Construction of Bridges Near Third

This paper gives a summary of the temporary works and methods applied to enable the

Oct 19, 2025

Guide Design Specifications for Bridge Temporary Works, 2nd Edition ...

This 2017 Second Edition of the AASHTO Guide Design Specifications for Bridge Temporary Works has been updated to reflect

May 03, 2026

617.1 Temporary Traffic Barriers

617.1 Temporary Traffic Barriers Temporary traffic barrier prevents vehicles from entering the work area or to separate

Nov 28, 2025

Edge Protection for Retaining Walls, Bridges,

Tailored to meet the challenges of working at height faced by those working on Civil engineering projects

Jan 25, 2026

Guide Standard Specification for Bridge Temporary Works

The design of temporary works shall be in compliance with the requirements of the Guide Design Specification for Bridge Temporary

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

