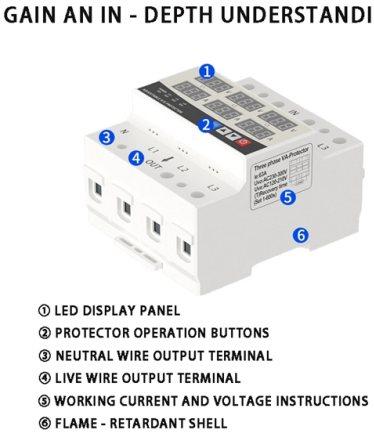
# Slide Bridge Assembly Method




## Overview

It outlines the SIBC process, including design components, the sliding technique, movement systems, and case studies demonstrating its benefits, such as reduced construction time and cost savings.

## Article Content

Essentials slide in bridge construction a guide for bridge designers

It outlines the SIBC process, including design components, the sliding technique, movement systems, and case studies demonstrating its benefits, such as reduced construction time and cost savings.

"How the Slide-In Bridge Construction Works"

One of the most impressive techniques is the slide-in bridge construction method, where the new bridge is built beside the old one and then slid into place after demolition. This innovative...

Slide in Bridge Construction: Design Engineers

In SIBC, a new bridge is built parallel to an existing bridge on temporary supports and then slid into place after construction. This allows construction with minimal

Slide-In Bridge Construction Implementation Guide

© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved

With approximately 25% of the Nation''s 607,380 bridges requiring rehabilitation, repair, or total replacement, Slide-In Bridge Construction (SIBC) offers a cost-effective technique to rapidly

ABC-UTC Guide for Multi-Span Lateral Slide Projects

SIBC offers a cost-effective technique to rapidly replace an existing bridge while reducing impacts to mobility and safety. Usually, implementation of SIBC involves the procedure outlined in Table 1.

Slide-In Bridge Construction Implementation Guide: Planning and ...

With approximately 25% of the Nation''s 607,380 bridges requiring rehabilitation, repair, or total replacement, Slide-In Bridge Construction (SIBC) offers a cost-effective technique to rapidly

Slide construction method | Yokogawa Bridge Corp.

This is a page introducing Yokogawa Bridge Co., Ltd.''s "slide construction method." Yokogawa Bridge has been leading the Japanese bridge industry for over 100 years. We will also focus on preserving

Caltrans ABC Manual

The assembly plan details how a bridge or bridge components are to be lifted, rolled, launched, slid, or otherwise transported into place.

Chapter 14 Accelerated and Innovative Bridge Construction

Many different methods to facilitate ABC are available. Some of those methods are discussed in greater detail later in this chapter. They include the following: Installation of these bridge elements can be

Developing Standard Procedures for Structural Aspects of Slide-in ...

Slide-in bridge construction (SIBC) is a special method especially used to replace an existing bridge with the minimum duration road closure. In this method, new bridge superstructure is

Slide-In Bridge Construction Implementation Guide

FOREWARD AND ACKNOWLEDGEMENTS The Slide-In Bridge Construction (SIBC) Implementation Guide was developed for Federal Highway Administration''s (FHWA) Every Day

Slide-In Bridge Construction Guide | PDF | Traffic

This document provides guidelines for state Departments of Transportation to implement Slide-In Bridge Construction (SIBC) as an

© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved

Big Picture

Slide-in Bridge Construction is one method used to deploy Accelerated Bridge Construction. It is important to select the right construction method for a given set of project constraints.

Slide-In Bridge Construction Implementation Guide: Planning and ...

Once in place, the roadway approach tie-ins to the bridge are constructed. The replacement time ranges from overnight to a week several weeks. A variation of this method is to

Slide-in Bridge Construction

Slide-in Bridge Construction Slide-in bridge construction (SIBC, more commonly known as "lateral slide") is one of several Accelerated Bridge Construction (ABC) technologies being

Construction Methods : BBR Network

The BBR Network provides excellence in all categories of bridge construction techniques whether for cast-in-situ applications or precast construction. We offer

NOH3 Launching Girder Assembly and Erection VSL

This document provides information about a launching gantry for a bridge construction project. It discusses: 1) What a launching gantry is composed of,

Slide in Bridge Construction: Design Engineers

The document discusses slide-in bridge construction (SIBC) as an accelerated bridge construction method. In SIBC, a new bridge is built parallel to an existing

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

*© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved*

## Contact Us

Continue your research online:

Website: https://dolphinspreschool.co.za
Technical inquiry: https://dolphinspreschool.co.za/project-desk.html
African project coordination: Waterfall City, Midrand, Gauteng, South Africa

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved