



# SIKA AT WORK

BULLI BRIDGE,  
MEMORIAL DRIVE

**Products:**

Sikaflex® PRO-3 Purform®

Sikaflex® PRO-3 PowerCure

**BUILDING TRUST**



# PROJECT INFORMATION

## Project Background

Traffic, congestion and queuing was increasing in Bulli. This is often due to parked vehicles along the Princes Highway between Station Street and Park Road, as well as turning vehicles at Memorial Drive, Station Street and Park Road. To ease congestion, Transport for NSW began the process of widening the south bound bridge on Memorial Drive from a single lane to a dual lane bridge.

## Project Requirements

The bridge deck surface had to meet stringent requirements for exceptional durability under constant movements of vehicular traffic.

## Sika Solution

Brought in by Transport for NSW on behalf of the Bridge Works Southern team, Sika was able to apply its specially designed floor joint and civil engineering polyurethane sealant.

### The Sika solution was as follows:

- ▶ Sealants: Sikaflex® PRO-3 Purform® and Sikaflex® PRO-3 PowerCure
- ▶ Clean bonding surface by means of sweep and vacuum joint.
- ▶ Apply appropriate closed cell backer rod into the joint, allowing for a 1:0.8 joint ratio (width:depth).
- ▶ Apply Sika® Primer 3N to the sides of the joint.
- ▶ Apply Sikaflex® PRO-3 Purform® sealant into joint.
- ▶ Mist the caulked joint with clean fresh water and tool for smooth finish.
- ▶ Allow Sikaflex PRO-3 Purform® to cure for four days prior to being subject to trafficable conditions (abutment 1).
- ▶ Sikaflex® PRO-3 Purform® PowerCure was trafficable two hours after application (abutment 2).



<b>LOCATION</b>	Bulli, NSW
<b>PROJECT SIZE</b>	100 L/metres
<b>DATE COMPLETED</b>	November 2022
<b>SIKA REPRESENTATIVE / PROJECT MANAGER</b>	Ben Forliano
<b>SIKA CUSTOMER / CONTRACTOR</b>	Transport for NSW

