

SIKANEWS

SIKA BRIDGE REPAIRS - KEEPING ATLANTA MOVING

Sika recently helped to complete vital repair works on a collapsed interstate bridge in Atlanta, Georgia. The team worked with Thomas Concrete and a new product - Sika® Control NS – to complete the work in just six weeks, a full month ahead of Georgia Transportation Department's tight timescale.



The collapsed bridge of highway I85 in Atlanta, Georgia, was repaired and reopened for traffic in just six weeks.

The I85 interstate in Atlanta, Georgia suffered from severe damage following a fire below one of its bridges. Approximately 220,000 people commute daily using

this route and the fire is said to be one of Atlanta's most detrimental traffic-related incidents in a city that is ranked 8th worldwide for traffic congestion.

HIGH-SPEED REPAIR PROJECT

Sika® ViscoCrete®-2100, one of Sika's leading concrete admixtures, and Sika's new product Sika® Control NS were both supplied to support the repair project. Sika® ViscoCrete®-2100 was used to achieve design strength of the structure in less than seven days without the use of accelerators, whilst Sika® Control NS – a shrinkage compensating admixture - was used for the bridge deck to provide a crack-free and durable surface.



Thomas Concrete worked fast to cast new columns and a bridge deck. Justin Lazenby, Technical Services Manager, commented, "It was a really fast paced project. We had to do a lot of things really quickly and the performance of Sika® Control NS and Sika® ViscoCrete®-2100 had to match our service."

As a result of excellent teamwork, the repair was completed in just six weeks, a full month ahead of schedule. This also meant tremendous cost savings considering the estimated USD 850,000 for each additional day that the closed bridge would have cost.

FURTHER INFORMATION

- [Background information on the I-85 rebuild](#)
- [Read more about Sika® Control NS](#)
- [Watch the video](#)