

Raymond Barre Bridge, Lyon, France

2014

Bridges



- 1 Intersection Cable and bridge deck
- 2 Intersection Cable System and bridge deck with additional lugs for installation

Owner / Client

TCL SYTRAL, Lyon
Matière Travaux Publique, Arpajon sur Cere

Design / Engineering

Cabinet Spielmann Architects, Paris
Centre d'Études techniques de l'Équipement CETE, Bron Cedex

Scope of works PFEIFER

Pendant cables

Description

For the bridge over the Rhone in 2014 the Load Scan™ system was used for the first time.

In this case, the conventional pins of the end fittings were replaced with purpose-built LoadSCAN™ pins.

These pins allow precise and continuous measurement of the axial forces in the cables, enabling accurate and straightforward monitoring including documentation, during installation and tensioning.

Unlike other load monitoring instruments, the results of the LoadSCAN™ measurement in real time, can be read directly by means of handheld devices. Thus any errors by measurement or process, are virtually eliminated.

