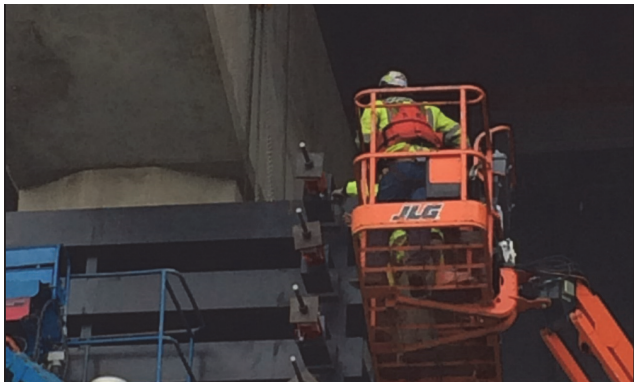
Bridge References

BRIDGE
INSTRUMENTATION
STRUCTURAL HEALTH MONITORING

References

- Adige Cable –stayed Bridge, Italy, 2012
- Agigea Bridge - Romania , 2013
- Alexandria Bridge -Via Rail - Canada , 2009
- Amedeo VIII bridge - Italy , 2011
- Arsta Bridge - Sweden , 2003
- Baiersdorf Road bridge - Germany , 2005
- Bissone - Switzerland , 1996
- Bolshoi Moskvoretskiy Bridge - Russian Federation , 2003
- Bridge in Lucerne - Switzerland , 2009
- Bridge in Macau - Macau , 2008
- Burgoyne Bridge Monitoring - Canada , 2014
- Cabano Bridge - Canada , 2008
- Cable stayed Bridge in Turin - Italy , 2011
- Cable stayed Bridge in Venice - Italy , 2005
- Cable stayed Bridge on Adige river - Italy , 2011
- Champlain Bridge - Canada, 2015
- Colle Isarco - Italy , 1999
- Colly Isarco Viaduct 2 - Italy, 2016
- Curved concrete bridge, Lugano - Switzerland , 2005
- Dona Ana Bridge Monitoring - USA , 2006
- Dynamic test on railway viaduct - Italy , 2007
- Gota Bridge Monitoring - Sweden , 2009
- Guemmenen Viadukt - Switzerland , 2009
- Helsinki's Fredriks bridge - Finland , 2008
- Highway 20 / St-Nicholas - Canada , 2008
- Highway bridge in Kyuushu - Japan , 2010
- Hindon Bridge in Ghaziabad - India , 2018
- Horsetail Fall - USA , 1998
- I35-W Bridge - USA , 2008
- Ile d'Orlean Bridge - Canada , 2009
- Inabe - Japan , 2000
- Joffre Bridge - Canada , 2003
- Kameura - Japan , 2000
- Ke-Ya Bridge - Taiwan , 2004
- Krk Bridge - Croatia , 2002
- Lehrter Bahnhof Berlin - Germany , 2002
- Lochkovske bridge Prague - Czech Republic , 2009
- Lully - Switzerland , 1998
- Lutrive - Switzerland , 2000
- Luzern Bridge - Switzerland , 2009
- Malkia Bridge B - Finland , 2009
- Manhattan Bridge Monitoring - USA , 2007
- Masonry bridge near Freiburg - Germany , 2010
- Mezzovico - Switzerland , 1998
- Moesa - Switzerland , 1996
- Monitoring of PC Bridge in Tokio - Japan , 2008
- Moses Wheeler Bridge - USA , 2015

Bridge References



BRIDGE INSTRUMENTATION & STRUCTURAL HEALTH MONITORING

References

- New Mexico I10 Bridge - USA , 2004
- OA402 - Switzerland , 1996
- Old Kalwa Bridge in Mumbai - India, 2014
- Orlean Bridge Dynamic Test - Canada , 2006
- Pont Adolphe Luxembourg - Luxembourg , 2007
- Pont Alexandre III ö Paris - France
- Pont Basculant de Jonqui res - France
- Pont Canal - Belgium , 2000
- Pont de Bourgogne - France
- Pont de Matarossa - Spain
- Pont de Normandie - France
- Pont de Pierre ö Bordeaux - France
- Pont de Plougastel - France
- Pont de Pommerol - France
- Pont de Tampico - Mexico
- Pont de Thionville - France
- Pont de Toulouse - France
- Pont dÍAquitaine - France
- Quebec Bridge - Canada , 2007
- Ravbarkomanda Viaduct - Slovenia, 2014
- Rio Puerco - USA , 2000
- Salzachbruecke Mittersill - Austria , 2001
- Santa Rita bridge - Italy , 2008
- Schladming Bridge - Austria , 2002
- Shu-Yu Bridge - Taiwan , 2004
- Siggenthal - Switzerland , 2001
- South Perimeter Bridge - Canada , 2010
- Streicker Bridge at Princeton Campus - USA , 2009
- Tangential highway of Bern - Switzerland , 2013
- Thielle Bridge - Switzerland , 1998
- Traneberg Arch Bridge - Sweden , 2003
- Trois-Rivieres Bridge - Canada , 2009
- Turcot Bridge - Canada , 2009
- Turcot Exchangeway - Canada , 2008
- Vaux - Switzerland , 1997
- Vaux FBG - Switzerland , 1997
- Venoge - Switzerland , 1997
- Vermont - USA , 1998
- Versoix - Switzerland , 1999
- Viaduc de Barentin - France
- Viaduc de Corgo - Portugal
- Viaduc de Vignasses - France
- Viaduc dÍlssy Les Moulineaux - France
- Viaduc du Boulonnais - France
- Viaduc du Crozet - France
- Viaducs de Meyrargues - France

Bridge References

BRIDGE INSTRUMENTATION & STRUCTURAL HEALTH MONITORING

References

- Viaduct on the A9 highway - Switzerland , 2009
- Wadhams RD Bridge - USA , 2011
- Winnipeg South Perimeter Bridge - Canada, 2009
- Zhee Yen Bridge - Taiwan , 2004

Case Studies

Arsta Bridge - Sweden , 2003
Bolshoi Moskvoretskiy Bridge - Russian Federation , 2003
Bridge in Macau - Macau , 2008
Cable stayed bridge in Venice - Italy , 2005
Colle Isarco - Italy , 1999
Curved concrete bridge, Lugano - Switzerland , 2005
Dona Ana Bridge Monitoring - USA , 2006
Dynamic test on railway viaduct - Italy , 2007
Gota Bridge Monitoring - Sweden , 2009
Guemmenen Viadukt - Switzerland , 2009
I35-W Bridge - USA , 2008
Krk Bridge - Croatia , 2002
Lehrter Bahnhof Berlin - Germany , 2002
Lutrive - Switzerland , 2000
Luzern Bridge - Switzerland , 2009
Malkia Bridge B - Finland , 2009
Manhattan Bridge Monitoring - USA , 2007
Moesa - Switzerland , 1996
Moses Wheeler Bridge Tilt Monitoring - USA , 2014
New Mexico I10 Bridge - USA , 2004
Orlean Bridge Dynamic Test - Canada , 2006
Pont Adolphe Luxembourg - Luxembourg , 2007
Pont Canal - Belgium , 2000
Rio Puerco - USA , 2000
Schladming Bridge - Austria , 2002
Siggenthal - Switzerland , 2000
Streicker Bridge at Princeton Campus - USA , 2009
Tangential highway of Bern - Switzerland , 2013
Turcot Bridge - Canada , 2009
Versoix - Switzerland , 1999

Selected Publications

Overview of 40 Bridge Structural Health Monitoring Projects, Daniele Inaudi, IBC 2010: June 15–17, 2009, Pittsburgh, USA - 2009

Structural Health Monitoring System for the new I-35W St Anthony Falls Bridge, D. Inaudi, M. Bolster, R. Deblois, C. French, A. Phipps, J. Sebasky, K. Western, SHMII-4, Zurich, Switzerland - 2009

Structural health monitoring method for curved concrete bridge box girders, B. Glisic, D. Posenato, D. Inaudi, A. Figini, Smart Structures & NDE, San Diego, California, USA, 9 - 13 March - 2008

Integrity monitoring of old steel bridge using fiber optic distributed sensors based on Brillouin scattering, B. Glisic, D.Posenato, Daniele Inaudi, 14th SPIE San Diego -CA, USA - -6531-25 - 2007

Stress measurements - Suspension bridge under dead and traffic loads, M. Talbot, J.F. Laflamme, B. Glišic, EVACES 07, Porto, Portugal, October 24-26 - -Paper 138, On conference CD – 2007

Fiber optic sensing in an integrated Structural Health Monitoring system. Blin and Inaudi, IALCCE 2018 Conference, Ghent

Available in Application Note

- Bridge Instrumentation and Structural Health Monitoring
- Building Instrumentation and Structural Health Monitoring
- Cryogenic Instrumentation & Safety Monitoring
- Dam & Dikes Instrumentation and Safety Monitoring
- FO Leak Detection System for Dams and Dikes
- FO Leak Detection in Process & Chemical Plants
- FO Leak Detection for Pipelines in Foundations
- FO Mining Instrumentation & Site Safety Monitoring
- FO LNG Pipeline Monitoring
- FO LNG Tank Monitoring
- Geothermal Monitoring
- Geotechnical & Structural Instrumentation
- Mining Instrumentation & Site Safety
- Nuclear Power Plants Instrumentation & Safety Monitoring
- Penstocks Instrumentation & Structural Health Monitoring
- Research Structural Health Assesment Systems
- Tunnel Instrumentation & Structural Health Monitoring
- Tailing Dams Monitoring

Roctest Ltd,
680 Birch Street
St-Lambert, Quebec
Canada J4P 2N3

Phone +41 91 610 18 00
Fax. +41 91 610 18 01

Email info@smatec.ch
Web www.smartec.ch

NOVA METRIX

Roctest reserves the right to make any changes in the specifications without prior notice