



SNC · LAVALIN

ATKINS

Member of the SNC-Lavalin Group

# Major Bridges



**SNC • LAVALIN**

- › A leading engineering and construction group in the world offering services in oil and gas, mining and metallurgy, infrastructure and power
- › Major player in the ownership of infrastructure

**ATKINS**

Member of the SNC-Lavalin Group

- › One of the world's most respected design, engineering and project management consultancies serving infrastructure, transportation and energy sectors

---

# Our Vision

We strive to be the premier engineering solution partner, committed to delivering complex projects from vision to reality for a sustainable life span.

Our Bridge expertise covers all aspects of the end to end asset life cycle from code compilation to dynamic monitoring in service.

This a selection of our capability in global major bridge engineering.



---

# Humber Bridge

UNITED KINGDOM

Bridge Specific Assessment Live Loading

---

# Severn Bridge

**UNITED KINGDOM**

Main Cable assessment and Bridge  
Specific Assessment Live Loading



---

# Hammersmith Bridge

## UNITED KINGDOM

Independent check of the assessment  
and strengthening

Value engineering investigation of  
components to avoid strengthening

---

# Great Belt Bridge

**DENMARK**

Main cable monitoring using Digital Image Capture

---

# Manning Crevice Bridge

USA

Detailed design of a single sided suspension bridge



---

# Forth Road Bridge

## SCOTLAND

Main cable dehumidification design  
Vulnerability and criticality analysis  
Joints and bearings refurbishment  
Suspended span Under Deck  
Access improvements

---

# Champlain Bridge

## CANADA

Construction of the premier gateway  
into the City of Montreal.

Construction engineering

Approach span design

---

# Sai Van Bridge

**HONG KONG**

Assessment and alterations need  
for modification to add an LRT route



---

# Penang Bridge

**MALAYSIA**

Investigation and replacement  
of main cables.

---

# Northern Spire Bridge

UNITED KINGDOM

Site Representation and Supervision

---

# Karamay Bridge

PR CHINA

Concept design development for an iconic structure for a lakeside development



---

# Queen Elizabeth II Bridge

UNITED KINGDOM

Principal Inspection



---

# Usk Crossing

**UNITED KINGDOM**

Preliminary design and  
feasibility planning

Approval in Principle



---

# Ting Kau Bridge

HONG KONG

Detailed design



---

# La Plata Bridge

PUERTO RICO

Investigation into deck deflections



---

# Jack William's Gateway Bridge

**UNITED KINGDOM**

Concept design, detailed design and site supervision



---

# Gallions Reach

UNITED KINGDOM

Concept Design

---

# Mike O'Callaghan — Pat Tillman Memorial Bridge

**USA**

Construction Supervision  
Quality Assurance

---

# Thames Bridge

**UNITED KINGDOM**

Concept design, detailed design  
and site supervision

---

# Edinburgh North

**SCOTLAND**

Assessment and Digital Image  
Correlation live load monitoring

---

Major Bridges Capability Statement

---

# Jockfall Bridge

SWEDEN

Structural assessment







# Borough High Street Bridge

UNITED KINGDOM

Detailed design and site supervision

---

# Prince Turki Al-Awwal Road Bridge

SAUDI ARABIA

Detailed design



---

# Aberdeen Channel

HONG KONG

Detailed design

---

# Orwell Bridge

**UNITED KINGDOM**

Inspection, assessment  
and bearing repairs

---

# River Dee Bridge

**UNITED KINGDOM**

Detailed design and  
site supervision

---

# Funder Harup Viaduct

**DENMARK**

Detailed design

---

# Vejle Fjord Viaduct

**DENMARK**

Operational and maintenance advice

Principal and special inspections

---

# Riyadh Metro Viaduct

SAUDI ARABIA

Detailed design





---

# Howard Frankland

**USA**

Detailed design of proposed widening  
Construction engineering & inspection

---

# South Island Line

HONG KONG

Detailed design and site supervision

---

Major Bridges Capability Statement

---



---

# Tuen Mun-Chek Lap Kok Link (South)

**HONG KONG**

Independent design check

---

# I-4 Lee Roy Selmon Expressway Connector

USA

Detailed design and site supervision



**ATKINS**

Member of the SNC-Lavalin Group

## Chris Hendy

Professional Head of Bridges

Woodcote Grove, Ashley Road, Epsom, Surrey KT18 5BW

+44 1372 726140

EMAIL

