

## South Island Line (East) Rail Project

### Hong Kong

#### Project Description

The MTR 903 project is part of a multi-contract expansion of Hong Kong's Mass Transit Railway system. The project includes two stations linked together by 1400m of precast segmental viaducts. The South Island Line will link Admiralty Station to South Horizons in Ap Lei Chau, with intermediate stations at Ocean Park, Wong Chuk Hang and Lei Tung. The total project value is \$325 USD and will connect 90,000 residents on the south side of Hong Kong island to the city's rail system.

#### Owner

MTR Corporation

#### Contractor

Leighton Asia

#### Designer

Atkins

#### Our Role

McNary Bergeron & Associates is providing construction engineering services including:

- Temporary Works Design
- Permanent Works Strengthening
- Construction Analysis and Camber
- Onsite Engineering Coordination and Support

#### Total Contract Value

\$325 million

#### Timeline

2011-2015

#### Construction Method and Specifications

- Precast segmental erected in balanced cantilever with a beam and winch
- 60m typical spans

