The Hong Kong Island Section of the Shatin to Central Link (SCL) includes Exhibition Station underneath the existing Wan Chai Ferry Public Transport Interchange, and tunnels connecting Admiralty Station and the fourth cross-harbour rail tunnel at Causeway Bay Typhoon Shelter. Upon completion of the SCL, passengers will be able to travel directly from Admiralty to Hung Hom. By interchanging at Hung Hom, they can also reach Kowloon and the New Territories through the SCL East West Corridor, greatly reducing their travelling time.

The civil engineering contract for the SCL tunnels on Hong Kong Island was awarded in mid-2014, while the tendering of the other related works contracts including the construction of the cross harbour tunnels and Exhibition Station are now underway, and expected to be awarded soon. With the award of the main works contracts, works on Hong Kong Island get into full swing!

### Contracts awarded

<table>
<thead>
<tr>
<th>Contract No.</th>
<th>Contract Name</th>
<th>Contract awarded date</th>
<th>Contractor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1126</td>
<td>Reprovisioning of Harbour Road Sports Centre and Wan Chai Swimming Pool</td>
<td>January 2014</td>
<td>Kaden – Leader Joint Venture</td>
</tr>
<tr>
<td>1129</td>
<td>SCL – Advance Works for NSL</td>
<td>January 2014</td>
<td>Hain Chung Construction Co. Ltd</td>
</tr>
<tr>
<td>1128</td>
<td>South Ventilation Building to Admiralty Tunnels</td>
<td>August 2014</td>
<td>Drages – Bouygues J.V.</td>
</tr>
</tbody>
</table>

### Contracts to be awarded

<table>
<thead>
<tr>
<th>Contract No.</th>
<th>Contract Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1121</td>
<td>Cross Harbour Tunnels</td>
</tr>
<tr>
<td>1122</td>
<td>Admiralty South Overrun Tunnel</td>
</tr>
<tr>
<td>1123</td>
<td>Exhibition Station and Tunnels</td>
</tr>
<tr>
<td>1124</td>
<td>Admiralty SCL Related Works</td>
</tr>
</tbody>
</table>

The works of the Hong Kong Island section of the SCL are required to have coordination with other infrastructure projects such as Wan Chai Development Phase II and Central-Wan Chai Bypass, which will further complicate the construction of SCL and impose challenges on the works programme.

We understand the public are looking forward to the new rail connection. Despite the challenges, the project team is continuing to overcome difficulties that arise, and strive to bring the community a “Next Generation Rail Connection” that traverses different parts of Hong Kong to provide fast and convenient rail services.
Railway Know-it-all

**Hong Kong Island is well-developed and has many tall buildings and busy roads, so how could the engineers build the underground railway tunnels in such a developed area?**

To prepare for the construction of new railway tunnels, the project team has carried out ground investigation to collect detailed geological information, so as to choose the most suitable construction method. Most of the SCL tunnels on Hong Kong Island will be built by TBMs.

TBM? What's that?

TBM stands for Tunnel Boring Machine. It is like a small factory which can accomplish tunnel construction in one go under the ground with high efficiency. Prior to the tunnel construction, parts of the TBM are delivered underground at the launching shaft constructed at the starting point. The machine is assembled in the launching shaft. It will then start the construction works entirely underground.

**Construction Progress of Advance Works**

With a large rotating steel cutterhead at the front of the shield, TBM can bore through soil and rock layers with different hardness, and at the same time, it can:

- Excavate materials and transport them to the ground surface
- Install precast segmental lining to make a permanent tunnel wall
- Reduce noise, dust and vibration as the works take place entirely underground
- Create minimal or no vibration on the ground

**Underpinning of flyovers and diversion of box culvert**

To facilitate the captioned works, the Tunnel Approach Rest Garden has been temporarily closed since February 2014. The footbridge stairway leading to the Garden and the leisure facilities there have also been suspended. Temporary traffic arrangements were implemented in nearby roads in June this year. While some traffic lanes have been diverted, the number of lanes remains unchanged.

Construction of new foundations for bridges and the underground box culvert are now in progress. According to the works planning, the footpath nearby will be diverted. The Garden will be reinstalled upon the completion of the works.

**Tradition of TBM Naming**

According to tunnelling tradition, a TBM is given a lady’s name to bring good luck for the project ahead. The MTR Corporation organised the “SCL TBM Naming Competition” last year and over 7,000 secondary and primary school students participated in the competition. Seven names were finally selected out of more than 30,000 entries by the judging panel for the SCL TBMs, namely “Nu-wa”, “Mu Hui-ying”, “Princess Iron Fan”, “Princess Wencheng”, “Zhu-nu”, “Yang Yu-huan” and “Athena”.

- **Athena** is the goddess of wisdom, beauty and victory which can help solve any problem during tunnel construction.
- **Mu Hui-ying** is a beauty and victory which can help solve any problem during tunnel construction.
- **Zhu-nu** implies that the TBM can “knit” together the railway network in Hong Kong and help link different districts.

**Temporary Traffic Management Arrangements**

Temporary Relocation of Wan Chai Ferry Public Transport Interchange

Exhibition Station will be located under the existing Wan Chai Ferry Public Transport Interchange (PTI), Harbour Road Sports Centre and Wan Chai Swimming Pool. To facilitate the construction of the new station, the PTI and existing facilities, like public toilet, will be relocated to the newly reclaimed land. After the completion of the new station, the PTI and existing facilities will be communicated to the public through various notices and the SCL website.

To provide convenient drop off points for bus passengers using nearby buildings, temporary bus stops will be provided at Convention Avenue, Hung Hing Road, Fleming Road and Harbour Road. Prior to implementation, details of the plan will be communicated to the public through various channels, including flyers, notices and the SCL website.
The MTR Corporation entrusted CBRE Limited to conduct a pre-construction condition survey by visual inspection of all common and private areas of premises along the SCL Hong Kong Island Section. This commenced in March 2014.

Prior to the visits, concerned property owners will receive an appointment letter issued by the Corporation, inviting them to take part in the survey.

Support from the community is of vital importance to the success of this exercise. For the benefit of individuals and the public, the Corporation appeals to owners and residents to allow inspectors to enter their properties to conduct the survey.

Community Liaison

A Community Liaison Group for Exhibition Section has been set up and two rounds of meetings have been held. Progress of the construction works was presented at the meetings. The Corporation will continue to maintain close communication with the community and listen to the public’s views through different channels.

Monitoring of construction works

To monitor the structural safety of buildings near the works sites and level of roads in the vicinity, the contractor will install settlement markers on the buildings’ outer walls or ground surfaces along the works areas. During the works period, the project team will carry out monitoring at the designated points regularly. Markers will be removed upon the works completion.

For enquiries, please call:

MTR Projects Hotline: 2993 3333

Office Hours:

Monday to Friday 8:30am - 6:00pm
Saturday 8:30am - 1:00pm

Calls will be transferred to a voice mailbox when the lines are busy or after office hours. Please leave your message and we will contact you as soon as possible.

SCL Information Centre

Shop No. 30A, Chi Kiang Street, To Kwa Wan, Kowloon (I-Feng Mansion)

Hotline: 2334 2201

Office Hours:

Monday to Friday 2:00pm - 6:00pm
Saturday 10:00am - 1:00pm
Closed on Sundays and public holidays

Shatin to Central Link Website:
www.mtr-shatincentrallink.hk