## 立法會 Legislative Council

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#### **Panel on Transport**

#### Subcommittee on Matters Relating to Railways Meeting on 1 June 2018

## Updated background brief on the construction of the Shatin to Central Link

#### **Purpose**

This paper provides updated background information on the construction of the Shatin to Central Link ("SCL"). It also summarizes the major views and concerns expressed by members of the Subcommittee on Matters Relating to Railways ("the Subcommittee") during previous discussions on this subject.

#### **Background**

- 2. SCL, with a total length of 17 kilometres, consists of two sections
  - (a) Tai Wai to Hung Hom Section:

This is the extension of Ma On Shan Line from Tai Wai via Southeast Kowloon to Hung Hom where it will join West Rail Line; and

- (b) Hung Hom to Admiralty Section:
  - This is an extension of the existing East Rail Line from Hung Hom across the Victoria Harbour to Wan Chai North and Admiralty.
- 3. SCL will have ten stations. Apart from bringing improvements to the existing Tai Wai Station, the SCL project will involve construction of new stations or extension of existing stations at Hin Keng, Diamond Hill, Kai Tak, Sung Wong Toi, To Kwa Wan, Ho Man Tin, Hung Hom, the

Hong Kong Convention and Exhibition Centre, and Admiralty. It is a territory-wide strategic railway project (alignment layout in **Appendix I**). Admiralty Station and Ho Man Tin Station will become integrated stations providing interchange service to passengers of SCL and the South Island Line (East) ("SIL(E)"), and passengers of SCL and Kwun Tong Line Extension ("KTE") respectively.

- 4. The approved project estimate ("APE") for the entire SCL project is \$79,800 million (in money-of-the-day ("MOD") prices) and the project is funded by the Administration under the concession approach. Under this approach, the Administration is responsible for the construction costs of SCL whilst the MTR Corporation Limited ("MTRCL") is entrusted with the planning and design of the project.
- 5. On 18 February 2011, the Finance Committee ("FC") approved the funding applications for 63TR (\$6,254.9 million in MOD prices) and 64TR (\$1,448.2 million in MOD prices) respectively for the advance railway and non-railway works of SCL. The Administration and MTRCL entered into an agreement for entrusting to the latter the advance works at the expanded Admiralty Station and Ho Man Tin Station while implementing SIL(E) and KTE respectively. The advance works commenced in May 2011.
- 6. On 11 May 2012, FC approved the funding applications for 61TR (\$65,433.3 million in MOD prices) and 62TR (\$5,983.1 million in MOD prices) for the main works of SCL. Thereafter, the Administration and MTRCL entered into an agreement for entrusting construction, testing and commissioning of SCL to the latter at a cost of \$70,827 million.<sup>2</sup> MTRCL has been entrusted to provide management and monitoring service to the

(a) protection works ("58TR—Shatin to Central Link—construction of railway works—protection works" and "59TR—Shatin to Central Link—construction of railway works—protection works in Wan Chai Development Phase II") of about \$700 million;

(b) advance works ("63TR—Shatin to Central Link—construction of railway works—advance works" and "64TR—Shatin to Central Link—construction of non-railway works—advance works") of about \$7,700 million; and

(c) main works ("61TR—Shatin to Central Link—construction of railway works—remaining works" and "62TR—Shatin to Central Link—construction of non-railway works—remaining works") of about \$71,400 million.

According to LC Paper No. CB(4)1317/15-16(03), APE (in MOD prices) for the entire SCL project comprises:

<sup>&</sup>lt;sup>2</sup> LC Paper No. CB(4)332/17-18(01)

SCL project. The main works commenced in July 2012.

7. According to the agreement for the main works of SCL, the original target commissioning date for the Tai Wai to Hung Hom Section was set to be December 2018, and that for the Hung Hom to Admiralty Section to be December 2020.

#### Delay of the Shatin to Central Link project

- 8. Arising from the archaeological discoveries and conservation works at Sung Wong Toi Station, MTRCL previously estimated that the Tai Wai to Hung Hom Section of SCL would have a delay of about 11 months. The Highways Department ("HyD") has been coordinating and overseeing the construction of SCL so that MTRCL could try to recover some of the delay to the Tai Wai to Hung Hom Section, with a view to commissioning the Section in 2019 as far as possible.
- 9. At the policy briefing on the Chief Executive's 2017 Policy Address of the Panel on Transport held on 20 October 2017, the Secretary for Transport and Housing reported that with the efforts of the construction team, the delay recovery measures implemented at the Tai Wai to Hung Hom Section have become effective progressively. Hence, the Administration expects that the target commissioning date of this section will be advanced to mid-2019.
- 10. As regards the Hung Hom to Admiralty Section, the Administration has advised that the commissioning date will be deferred to 2021 to allow flexibility for the topside development of the convention centre at Exhibition Centre Station (formerly known as Exhibition Station),<sup>3</sup> and to cater for the reclamation works under Wan Chai Development Phase II ("WDII") as well as the construction of Central-Wan Chai Bypass tunnel thereof.
- 11. Regarding the large metal object found on the seabed within the reclamation area under the WDII project, the Civil Engineering and

In the progress report up to 31 December 2016, MTRCL advised that to allow flexibility for the construction of convention facilities above Exhibition Centre Station, a certain part of the enabling works for the topside development would be incorporated into the underground structure of Exhibition Centre Station. Based on the then available information on the geological condition, it was initially estimated that this would result in a delay of at least five months to the construction of Exhibition Centre Station and an increase in construction cost.

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Development Department ("CEDD") removed it from the reclamation site in June 2015 to allow resumption of the reclamation works. Originally, the reclaimed land would be handed over to the contractor of SCL at the end of December 2016. However, as affected by the discovery of the metal object there, CEDD indicated that the handover date of part of the works areas would be deferred by seven months. According to the latest update by the Administration, CEDD handed over the relevant works sites to the SCL contractor in January, February and July 2017 respectively.

12. The Administration reported that an abandoned pipe pile has been discovered within the works site near Fenwick Pier Street. As the pipe pile is deeply embedded into the ground, the diaphragm wall design has to be modified with a view to minimizing the impact of the pipe pile on the As previously reported, the Hung Hom to Admiralty SCL programme. Section would incur a further delay of three months due to the abovementioned modification works and there would be an increase in construction cost as well. The Administration had requested MTRCL to submit further detailed information and was working with its Monitoring and Verification ("M&V") consultant to critically examine the impact assessment carried out by MTRCL. HyD had also requested MTRCL to proactively explore measures to recover the progress so as to minimize the Notwithstanding risks of construction delay. this, commissioning date of the Hung Hom to Admiralty Section would remain in 2021.

#### Additional cost for the Shatin to Central Link project

13. The Administration informed the Subcommittee on 9 December 2016 that the revised cost of advance railway works of SCL (i.e. 63TR) would exceed APE by \$847.7 million, increasing from \$6,254.9 million to \$7,102.6 million in MOD prices. The cost increase is mainly due to (i) unfavourable ground conditions; (ii) modification of the construction schemes to suit the actual site conditions; and (iii) increase in provision for price adjustments. On 17 June 2017, FC approved the additional funding application. The APE for the entire SCL project is therefore adjusted upward from the original estimate of \$79,800 million to \$80,700 million in MOD prices.

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http://www.legco.gov.hk/yr16-17/english/fc/fc/results/fc20170617.htm

- 14. According to the Administration<sup>5</sup>, the latest cost estimate of the main works of the SCL project was received from MTRCL on 5 December 2017. MTRCL indicated a need of adjusting upward the entrustment cost of the main works of the SCL project, from \$70,827 million to \$87,328 million, i.e. an increase of about \$16,501 million.
- 15. The main reasons given by MTRCL for the increase in construction cost included the archaeological and conservation works at Sung Wong Toi Station, the additional expenses due to delays in the handover of work sites at Wan Chai north, and the station works required for allowing flexibility for the topside development at Exhibition Centre Station.
- 16. As advised by the Administration, it has been conducting a detailed review of the MTRCL's latest cost estimate. HyD, in collaboration with its M&V consultant, held several meetings with MTRCL, and was reviewing rigorously the reasons given and the information provided by the MTRCL. As there were many works contracts involved, HyD requested MTRCL to provide more information for its detailed review. HyD would scrutinize the assumptions and background of the estimates according to the usual practice for government public works projects to ascertain whether there were sufficient reasons for the estimate of the MTRCL. Upon completion of the detailed review, the Administration would apply for additional funds from the LegCo to continue with the SCL works.

#### Overall works progress

- 17. As at 31 December 2017, the overall works for SCL were 81% complete compared to the planned completion rate of 84% against the original project completion target in 2018 for the Tai Wai to Hung Hom Section and 2020 for the Hung Hom to Admiralty Section. The progress of the construction works is steady and in line with the current completion dates for the Tai Wai to Hung Hom Section and Hung Hom to Admiralty Section in mid-2019 and 2021 respectively.
- 18. As regards the Tai Wai to Hung Hom Section, around 94% of the works have been completed as at 31 December 2017 compared to the originally planned completion rate of 98%. With a number of works fronts opening up, the Hung Hom to Admiralty Section was 64% complete in overall terms as at 31 December 2017 compared to the originally planned completion rate of 67%. For details of the progress of construction at the

<sup>&</sup>lt;sup>5</sup> LC Paper No. CB(4)538/17-18(07)

various stations and tunnels, railway works, fitting out and modification works, please refer to Annex 2 to LC Paper No. CB(4)538/17-18(07).

19. In addition to the SCL construction works, delivery of new trains, conversion of existing trains and train tests are progressing as planned. New trains for the Tai Wai to Hung Hom Section and Hung Hom to Admiralty Section are being delivered to Hong Kong in batches as scheduled. The 8-car train conversion of West Rail Line is progressing as planned and will be completed by mid-2018 in preparation for dynamic testing along the whole length of the Tai Wai to Hung Hom Section. The retrofitting works of a total of 720 pairs of Automatic Platform Gates at all 9 Ma On Shan Line stations were completed in December 2017. As at December 2017, platform strengthening works and construction of equipment rooms for the signalling and communication systems along the East Rail Line were substantially completed.

# Major concerns expressed by members of the Subcommittee on Matters Relating to Railways

20. Members of the Subcommittee have expressed views and concerns on the SCL project at its meetings. Their major views and concerns are summarized in the ensuing paragraphs.

#### Cost overrun

- 21. The Subcommittee members were in general deeply concerned about the cost overrun of the main works of the SCL project. Noting that MTRCL had submitted the latest estimate of the main construction works of the SCL to the Administration in December 2017, members were concerned when the Administration would complete the relevant examination on the cost estimate and report the final cost estimate to the Legislative Council ("LegCo"). The Administration advised that the relevant review was expected to be completed by the second quarter of 2018.
- 22. In reply to a member's previous enquiry concerning the grounds of the substantiated claims submitted by the SCL contractors, MTRCL advised that the SCL contractors were entitled to submit claims to MTRCL in accordance with the relevant contract terms, where there were situations not foreseeable at the tendering stage, such as the archaeological and conservation works at Sung Wong Toi Station and unfavourable geological conditions. The substantiated claims submitted by the SCL contractors were mainly arising from civil works as well as electrical and mechanical works. As at 31 December 2017, 206 cases of substantiated claims were

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resolved and about \$1,214.7 million were awarded.

#### Project delay

- 23. The Subcommittee members expressed grave concern about the delay of the SCL project arising from various difficulties and challenges encountered, including complicated ground conditions, deferred site handover under WDII, as well as archaeological discoveries and related works. They urged the Administration to enhance its monitoring mechanism on SCL to reduce the risks of further project delay.
- 24. In view that the implementation of delay recovery measures had advanced the target commissioning date of Tai Wai to Hung Hom Section to about mid-2019, despite the 11-month delay due to the archaeological discoveries and associated conservation works, members asked if MTRCL could enhance such measures to further mitigate the project delay and reduce the construction costs. MTRCL replied that a number of delay recovery measures, such as design changes and re-sequence of work activities, were implemented successfully at the Tai Wai to Hung Hom Section to pick up the pace progressively.

#### Unexploded bombs found at the site of Exhibition Centre Station

- 25. Members noted that two undetonated bombs were discovered at the construction site of the Exhibition Centre Station in January 2018. Members expressed dissatisfaction to MTRCL that metal detectors were not used to locate if there were any wartime bombs lying underground before commencing excavation works at the site, even though it was aware of such risks at the design and planning stage of the project back in 2012. Members expressed grave concern that MTRCL had put the safety of workers on site and people living or working in Wan Chai at risk. They urged MTRCL to conduct an overall investigation of the site. Some members were also concerned whether the progress of the construction works of the SCL would be adversely affected.
- 26. MTRCL responded that in view of the fact that the northern coastline of Hong Kong Island was bombarded during the Second World War ("WWII"), it had envisaged the risk of discovering wartime explosives during the planning stage. To enhance the workers' understanding and awareness of the risk, MTRCL approached experts from the Explosive Ordnance Disposal Bureau of the Police ("EODB") to organize briefings for the engineering staff on ways to identify bombs and safety measures to be taken when discovering bombs before commencing major excavation works in 2016. MTRCL had adopted a prudent way in carrying out excavation

works near the original seabed area following the advice from the bomb disposal experts. A "monitored excavation" method was adopted under which workers would divide the whole construction into smaller areas and use light equipment to slowly dig up each area.

- 27. MTRCL further explained that metal detectors were not used to detect bombs previously because the site was filled with metallic materials which would trigger the sensors of the detectors easily. That said, metal detectors were used to detect any metallic objects after the first bomb had been found. MTRCL expressed that there were chances that more undetonated bombs would be unearthed as only 50% of the seabed area had been excavated. MTRCL also considered that the impact of the discovery of wartime bombs on the construction progress of the SCL project would be insignificant.
- 28. It is noted that another unexploded 1 000-pound bomb dropped during the WWII was found at the Wan Chai SCL site on 10 May 2018. Works there was suspended again for the EODB experts to carry out on-site detonation.

#### Archaeological features discovered at Sung Wong Toi Station

- 29. The Subcommittee members sought further details on the conservation of the monuments and antiques unearthed from the SCL construction sites. There was a view that the conservation proposals should facilitate preservation of archaeological features for future display, such as setting up a museum to display monuments and antiques unearthed in the course of construction of SCL. Members also proposed that the public and relevant organizations should be involved in the planning and implementation of the long-term conservation plans.
- 30. The Administration advised that the Antiquities Authority (i.e. the Secretary for Development), after considering the views of the Antiquities Advisory Board, the LegCo and the Kowloon City District Council, decided on the conservation option with most of the archaeological discoveries preserved in-situ. The final report of the archaeological works for the SCL Sung Wong Toi Station works site was submitted to and accepted by the Antiquities and Monuments Office ("AMO") in late June 2017. The future conservation and interpretation works related to the archaeological relics at the site would be followed up by relevant Government departments after the completion of the station works. Furthermore, the Administration would explore the feasibility of providing appropriate facilities inside the future Sung Wong Toi Park for the display of the archaeological discoveries. The design of the Sung Wong Toi Station had been amended so that necessary

space was reserved at the concourse area for placing display cabinets enabling AMO to display the artefacts unearthed. The design of the station roof was also modified to form a concrete trough to enable Well J2 and the associated water channel to be reprovisioned at the original position in a flexible manner. The concrete base slab of the well could be converted to a transparent panel in future allowing citizens and passengers to view the bottom of Well J2 from the station concourse area below.

31. Some Subcommittee members opined that the Administration should be responsible for the additional cost arising from archaeological works as heritage conservation should be borne by the community as a whole. However, cost arising from delays caused by MTRCL's project mismanagement should be borne by MTRCL. According to the Administration, the archaeological and conservation works at Sung Wong Toi Station were outside the SCL project scope, and the relevant cost would be borne by the Administration.

#### Large metal object found on the Wan Chai seabed

- 32. The Subcommittee members noted from media reports in February 2017 that the large metal object found on the seabed within the reclamation area under WDII was the remains of the famous military ship HMS Tamar. Hence, they expressed concern about the follow-up work on the discovery by the Administration, and whether appropriate surveying and conservation works would be carried out as soon as possible.
- 33. The Administration explained that once the large metal object was found on the Wan Chai seabed, CEDD had contacted AMO to conduct a preliminary survey and assessment of the object. CEDD then relocated the large metal object under the water to a neighbouring seabed area of the reclamation site, so that further survey to verify the identity of the object and its conservation value would be carried out later.
- 34. Some Subcommittee members also expressed concern as to the impact of the discovery of large metal object on the works progress and construction costs of SCL. The Administration advised that the discovery of the large metal object had resulted in the suspension of reclamation and associated works, and also adversely affected the site handover arrangement in some works areas, such as the reclamation site under WDII and the work sites of Exhibition Centre Station and Central-Wan Chai Bypass. The deferred site handover had resulted in a cost increase in the main works. Relevant works departments would take mitigation measures to avoid further delay.

#### Abandoned pipe pile found within the works site near Fenwick Pier Street

- 35. The Subcommittee members were concerned that the abandoned pipe pile recently discovered within the works site near Fenwick Pier Street would cause further delay to the SCL project. They queried why it was only discovered until recently but not during site investigation. They also asked which party would be responsible for the additional costs incurred.
- 36. MTRCL responded that they had tried to remove the pipe pile but in vain. Remedial measures such as grouting works in the vicinity of the abandoned pile to replace the construction of part of the diaphragm wall were being carried out by the MTRCL. HyD had requested MTRCL to explore measures to recover the progress so as to minimize the risks of construction delay. The Administration advised that the additional construction costs associated with the pile pipe would be funded by the funding allocation for the SCL project.

#### Manpower situation

- 37. The Subcommittee members expressed concern that the labour shortage problem might further delay the construction progress. They suggested that relevant bureaux should jointly discuss and review the construction industry's capacity to implement a number of railway projects at the same time.
- 38. The Subcommittee members noted from MTRCL that labour shortage had continued to pose challenges to the SCL project. As at 31 December 2017, about 5 817 construction workers and technical/ professional staff members were being employed for the SCL project. Nevertheless, there was a shortage of around 368 construction workers. To attract new blood to join the construction industry, the Corporation initiated the "SCL Contractors Cooperative Training Scheme" in 2012. Under the Scheme, all SCL civil works contracts required contractors to recruit a specified amount of trainees. Training and internship programmes were provided to the trainees by the contractors of SCL and the Construction Industry Council. After passing relevant trade tests, the graduates would be offered a minimum 12-month employment contracts on So far, the scheme had provided training to 759 trainees with 497 having completed the trade test and continuing their careers in the field.

#### Other issues

39. The Subcommittee members have also expressed the following

views and concerns on the following issues:

- (a) the possible reduction in train capacity for East Rail Line after the replacement of 12-car trains with 9-car trains;
- (b) the provision of station facilities, such as platform screen doors or automatic platform gates, toilet facilities, lifts and escalators, barrier-free access facilities and digital broadcasting systems at the SCL stations;
- (c) the construction of a footbridge connecting Hin Keng Shopping Centre with the future Hin Keng Station;
- (d) the progress of the development of a convention centre above Exhibition Centre Station;
- (e) the improvements of Ma On Shan Line by providing more escalators connecting the station concourse to the platform at certain stations; and
- (f) setting aside a proportion of public areas for art display with reference to overseas infrastructural projects. MTRCL should formulate a policy to replenish the art pieces on display regularly, and to reduce the number of advertising light boxes to give more space for art display.

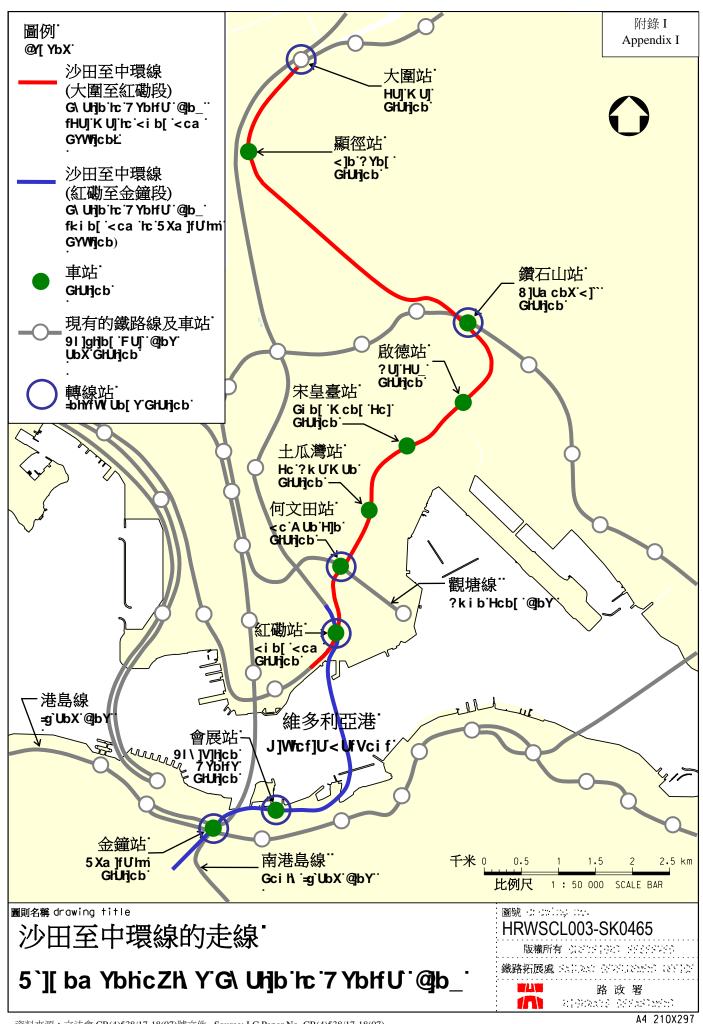
#### Latest development

40. The Administration plans to update the Subcommittee on the progress of the construction of SCL at the meeting to be held on 1 June 2018.

#### **Relevant papers**

41. A list of relevant papers is in **Appendix II**.

Council Business Division 4
<u>Legislative Council Secretariat</u>
29 May 2018



## Appendix II

### **Shatin to Central Link**

### List of relevant papers

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
23.4.2008	Public Works Subcommittee	Administration's paper on 51TR — Shatin to Central Link — design and site investigation	PWSC(2008-09)1  http://www.legco.gov.hk/yr07-08/en glish/fc/pwsc/papers/p08-01e.pdf
		Minutes	PWSC93/07-08 <a href="http://www.legco.gov.hk/yr07-08/english/fc/pwsc/minutes/pw080423.pdf">http://www.legco.gov.hk/yr07-08/english/fc/pwsc/minutes/pw080423.pdf</a>
9.5.2008	Finance Committee	Administration's paper	FCR(2008-09)7 <a href="http://www.legco.gov.hk/yr07-08/english/fc/fc/papers/f08-07e.pdf">http://www.legco.gov.hk/yr07-08/english/fc/fc/papers/f08-07e.pdf</a>
		Minutes	FC12/08-09 <a href="http://www.legco.gov.hk/yr07-08/english/fc/fc/minutes/fc080509.pdf">http://www.legco.gov.hk/yr07-08/english/fc/fc/minutes/fc080509.pdf</a>
4.6.2010	Subcommittee on Matters Relating to Railways	Administration's paper on funding application — protection works for Shatin to Central Link in Wan Chai Development Phase II	CB(1)2088/09-10(02)  http://www.legco.gov.hk/yr09-10/eng lish/panels/tp/tp_rdp/papers/tp_rdp06 04cb1-2088-2-e.pdf
		Minutes	CB(1)2844/09-10  http://www.legco.gov.hk/yr09-10/eng lish/panels/tp/tp_rdp/minutes/rdp201 00604.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
9.6.2010	Public Works Subcommittee	Administration's paper on 58TR — Shatin to Central Link — construction of railway works — protection works	PWSC(2010-11)11  http://www.legco.gov.hk/yr09-10/en glish/fc/pwsc/papers/p10-11e.pdf
		Minutes	PWSC77/09-10 <a href="http://www.legco.gov.hk/yr09-10/english/fc/pwsc/minutes/pwsc2010060">http://www.legco.gov.hk/yr09-10/english/fc/pwsc/minutes/pwsc2010060</a>

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
		Minutes	CB(1)1161/10-11  http://www.legco.gov.hk/yr10-11/eng lish/panels/tp/tp_rdp/minutes/rdp201 01206.pdf
7.1.2011	Subcommittee on Matters Relating to Railways	Administration's supplementary information paper on funding application — advance works for Shatin to Central Link	CB(1)987/10-11(01)  http://www.legco.gov.hk/yr10-11/eng lish/panels/tp/tp_rdp/papers/tp_rdp01 07cb1-987-1-e.pdf
		Minutes	CB(1)1547/10-11  http://www.legco.gov.hk/yr10-11/eng lish/panels/tp/tp_rdp/minutes/rdp201 10107.pdf
25.1.2011	Public Works Subcommittee	Administration's paper on 61TR — Shatin to Central Link — construction of railway works	PWSC(2010-11)34  http://www.legco.gov.hk/yr10-11/eng lish/fc/pwsc/papers/p10-34e.pdf
		Administration's paper on 62TR — Shatin to Central Link — construction of non-railway works	PWSC(2010-11)35  http://www.legco.gov.hk/yr10-11/english/fc/pwsc/papers/p10-35e.pdf
		Minutes	PWSC49/10-11 <a href="http://www.legco.gov.hk/yr10-11/eng">http://www.legco.gov.hk/yr10-11/eng</a> <a href="http://www.legco.gov.hk/yr10-11/eng">lish/fc/pwsc/minutes/pwsc20110125.</a> <a href="pdf">pdf</a>
18.2.2011	Finance Committee	Administration's paper	FCR(2010-11)59 <a href="http://www.legco.gov.hk/yr10-11/eng">http://www.legco.gov.hk/yr10-11/eng</a> <a href="http://cfc/papers/f10-59e.pdf">lish/fc/fc/papers/f10-59e.pdf</a>

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
		Minutes	http://www.legco.gov.hk/yr10-11/english/fc/fc/minutes/fc20110218a.pdf
6.5.2011	Subcommittee on Matters Relating to Railways	Administration's paper on funding application— protection works at Causeway Bay typhoon shelter for Shatin to Central Link	CB(1)2069/10-11(01)  http://www.legco.gov.hk/yr10-11/eng lish/panels/tp/tp_rdp/papers/tp_rdp05 06cb1-2069-1-e.pdf
		Minutes	CB(1)3031/10-11  http://www.legco.gov.hk/yr10-11/eng lish/panels/tp/tp_rdp/minutes/rdp201 10506.pdf
18.5.2011	Council Meeting	Hon Starry LEE Wai-king raised a question on the impact on various railway projects due to recent court judgement on environmental impact assessment	http://www.info.gov.hk/gia/general/2 01105/18/P201105180192.htm
1.6.2011	Public Works Subcommittee	Administration's paper on 58TR — Shatin to Central Link — construction of railway works — protection works	PWSC(2011-12)12  http://www.legco.gov.hk/yr10-11/eng lish/fc/pwsc/papers/p11-12e.pdf
		Minutes	PWSC76/10-11 <a href="http://www.legco.gov.hk/yr10-11/eng">http://www.legco.gov.hk/yr10-11/eng</a> <a href="lish/fc/pwsc/minutes/pwsc20110601.pdf">lish/fc/pwsc/minutes/pwsc20110601.pdf</a>

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
24.6.2011	Finance Committee	Administration's paper	FCR(2011-12)30 <a href="http://www.legco.gov.hk/yr10-11/eng">http://www.legco.gov.hk/yr10-11/eng</a> <a href="http://creativeco.gov.hk/yr10-11/eng">lish/fc/fc/papers/f11-30e.pdf</a>
		Minutes	FC37/11-12  http://www.legco.gov.hk/yr10-11/eng lish/fc/fc/minutes/fc20110624.pdf
6.7.2011	Council Meeting	Hon CHAN Hak-kan raised a question on the programme for the Shatin to Central Link project	http://www.info.gov.hk/gia/general/2 01107/06/P201107060194.htm
2.3.2012	Subcommittee on Matters Relating to Railways	Administration's paper on progress of the Shatin to Central Link	CB(1)1154/11-12(03)  http://www.legco.gov.hk/yr11-12/eng lish/panels/tp/tp_rdp/papers/tp_rdp03 02cb1-1154-3-e.pdf
		Administration's supplementary information paper on Shatin to Central Link — progress report (follow-up paper)	CB(1)1340/11-12(01)  http://www.legco.gov.hk/yr11-12/en glish/panels/tp/tp_rdp/papers/tp_rdp0 302cb1-1340-1-e.pdf
		Minutes	CB(1)1772/11-12  http://www.legco.gov.hk/yr11-12/en glish/panels/tp/tp_rdp/minutes/rdp20 120302.pdf
23.3.2012	Subcommittee on Matters Relating to Railways	Administration's paper on Shatin to Central Link — funding application for the main works	CB(1)1326/11-12(01)  http://www.legco.gov.hk/yr11-12/en glish/panels/tp/tp_rdp/papers/tp_rdp0 323cb1-1326-1-e.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
		Administration's supplementary information paper on Shatin to Central Link — progress report (follow-up paper)	CB(1)1340/11-12(01)  http://www.legco.gov.hk/yr11-12/en glish/panels/tp/tp_rdp/papers/tp_rdp0 302cb1-1340-1-e.pdf
		Minutes	CB(1)2479/11-12  http://www.legco.gov.hk/yr11-12/en glish/panels/tp/tp_rdp/minutes/rdp20 120323.pdf
30.3.2012	Subcommittee on Matters Relating to Railways	Legislative Council Brief: Shatin to Central Link— authorization of scheme following receipt of objections	THB(T)CR 10/1016/99  http://www.legco.gov.hk/yr11-12/en glish/panels/tp/tp_rdp/papers/tp_rdp0 330-thbtcr10101699-e.pdf
		Administration's supplementary information paper on issues raised by the Subcommittee at its meeting on 23 March 2012	CB(1)1434/11-12(01)  http://www.legco.gov.hk/yr11-12/en glish/panels/tp/tp_rdp/papers/tp_rdp0 330cb1-1434-1-e.pdf
		Minutes	CB(1)2480/11-12  http://www.legco.gov.hk/yr11-12/en glish/panels/tp/tp_rdp/minutes/rdp20 120330.pdf
18.4.2012	Public Works Subcommittee	Administration's paper on 61TR — Shatin to Central Link — construction of railway works — remaining works	PWSC(2012-13)1  http://www.legco.gov.hk/yr11-12/en glish/fc/pwsc/papers/p12-01e.pdf

Date of	Meeting	Minutes/Paper	LC Paper No.
meeting	Witcomg	Administration's paper on 62TR — Shatin to Central Link — construction of non-railway works — remaining works	PWSC(2012-13)2  http://www.legco.gov.hk/yr11-12/english/fc/pwsc/papers/p12-02e.pdf
		Minutes	PWSC57/11-12  http://www.legco.gov.hk/yr11-12/en glish/fc/pwsc/minutes/pwsc2012041 8.pdf
11.5.2012	Finance Committee	Administration's paper	FCR(2012-13)20 <a href="http://www.legco.gov.hk/yr11-12/english/fc/fc/papers/f12-20e.pdf">http://www.legco.gov.hk/yr11-12/english/fc/fc/papers/f12-20e.pdf</a>
		Minutes	FC183/11-12 <a href="http://www.legco.gov.hk/yr11-12/english/fc/fc/minutes/fc20120511.pdf">http://www.legco.gov.hk/yr11-12/english/fc/fc/minutes/fc20120511.pdf</a>
21.5.2014	Council Meeting	Hon CHAN Hak-kan raised a question on monuments and antiques unearthed at railway construction sites	http://www.info.gov.hk/gia/general/2 01405/21/P201405210429.htm
4.6.2014	Council Meeting	Dr Hon CHIANG Lai-wan raised a question on construction works of Shatin to Central Link	http://www.info.gov.hk/gia/general/2 01406/04/P201406040323.htm

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
18.6.2014	Council Meeting	Hon Christopher CHUNG Shu-kun raised a question on antiquities and monuments excavated from works site of MTR Shatin to Central Link	http://www.info.gov.hk/gia/general/2 01406/18/P201406180605.htm
4.7.2014	Subcommittee on Matters Relating to Railways	Administration's paper on progress update of the construction of the Shatin to Central Link	CB(1)1722/13-14(03) <a href="http://www.legco.gov.hk/yr13-14/english/panels/tp/tp_rdp/papers/tp_rdp0">http://www.legco.gov.hk/yr13-14/english/panels/tp/tp_rdp/papers/tp_rdp0</a> 704cb1-1722-3-e.pdf
		Administration's supplementary information paper on the number of construction personnel short for each of the five new railway projects under construction (follow-up paper)	CB(4)307/14-15(01)  http://www.legco.gov.hk/yr13-14/en glish/panels/tp/tp_rdp/papers/tp_rdp0 704cb4-307-1-e.pdf
		Minutes	CB(1)139/14-15 <a href="http://www.legco.gov.hk/yr13-14/english/panels/tp/tp_rdp/minutes/rdp20">http://www.legco.gov.hk/yr13-14/english/panels/tp/tp_rdp/minutes/rdp20</a> 140704.pdf
24.11.2014	Subcommittee on Matters Relating to Railways	Administration's paper on progress update of the Shatin to Central Link, South Island Line (East) and Kwun Tong Line Extension	CB(1)260/14-15(03)  http://www.legco.gov.hk/yr14-15/en glish/panels/tp/tp_rdp/papers/tp_rdp2 0141124cb1-260-3-e.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
0		Administration's paper on archaeological features discovered at To Kwa Wan Station of the Shatin to Central Link and their proposed preliminary conservation and interpretation plans	CB(1)273/14-15(01)  http://www.legco.gov.hk/yr14-15/chi nese/panels/tp/tp_rdp/papers/tp_rdp2 0141124cb1-273-1-ec.pdf
		Administration's supplementary information paper on the construction of the Shatin to Central Link (follow-up paper)	CB(4)227/14-15(01)  http://www.legco.gov.hk/yr14-15/en glish/panels/tp/tp_rdp/papers/tp_rdp2 0141124cb4-227-1-e.pdf
		Minutes	CB(4)491/14-15  http://www.legco.gov.hk/yr14-15/en glish/panels/tp/tp_rdp/minutes/rdp20 141124.pdf
3.12.2014	Council Meeting	Dr Hon LAM Tai-fai raised a question on cost overruns and delay of major infrastructure projects	http://www.info.gov.hk/gia/general/2 01412/03/P201412030932.htm
17.12.2014	Council Meeting	Hon James TO raised a question on archaeological excavation at To Kwa Wan Station of Shatin to Central Link	http://www.info.gov.hk/gia/general/2 01412/17/P201412170465.htm

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
6.3.2015	Subcommittee on Matters Relating to Railways	Administration's paper on progress update of the construction of the Shatin to Central Link (as at 31 December 2014)	CB(4)596/14-15(01)  http://www.legco.gov.hk/yr14-15/en glish/panels/tp/tp_rdp/papers/tp_rdpc b4-596-1-e.pdf
		Minutes	CB(4)1108/14-15  http://www.legco.gov.hk/yr14-15/en glish/panels/tp/tp_rdp/minutes/rdp20 150306.pdf
19.5.2015	Subcommittee on Matters Relating to Railways	Administration's paper on progress update of the construction of the Shatin to Central Link (as at 31 March 2015)	CB(4)954/14-15(03)  http://www.legco.gov.hk/yr14-15/en glish/panels/tp/tp_rdp/papers/tp_rdp2 0150519cb4-954-3-e.pdf
		Minutes	CB(4)62/15-16  http://www.legco.gov.hk/yr14-15/en glish/panels/tp/tp_rdp/minutes/rdp20 150519.pdf
14.12.2015	Subcommittee on Matters Relating to Railways	Administration's paper on the staffing proposal relating to the Shatin to Central Link and Kwun Tong Line Extension projects	CB(4)333/15-16(03)  http://www.legco.gov.hk/yr15-16/en glish/panels/tp/tp_rdp/papers/tp_rdp2 0151214cb4-333-3-e.pdf
		Administration's paper on progress update of the construction of the Shatin to Central Link (as at 30 September 2015)	CB(4)298/15-16(01)  http://www.legco.gov.hk/yr15-16/en glish/panels/tp/tp_rdp/papers/tp_rdpc b4-298-1-e.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
		Administration's paper on the progress of the construction of the Shatin to Central Link (as at 30 June 2015)	CB(4)1412/14-15(03)  http://www.legco.gov.hk/yr14-15/en glish/panels/tp/tp_rdp/papers/tp_rdpc b4-1412-3-e.pdf
		Administration's supplementary information on the progress update of the investigation of the large metal object discovered on the seabed in the vicinity of the old Wan Chai Ferry Pier and the related conservation work (follow-up paper) (English version to follow)	CB(4)404/17-18(01) <a href="http://www.legco.gov.hk/yr15-16/chi">http://www.legco.gov.hk/yr15-16/chi</a> <a href="mailto:nese/panels/tp/tp_rdp/papers/tp_rdp2">nese/panels/tp/tp_rdp/papers/tp_rdp2</a> <a href="http://out.org/0151214cb4-404-1-c.pdf">0151214cb4-404-1-c.pdf</a>
		Minutes	CB(4)878/15-16  http://www.legco.gov.hk/yr15-16/en glish/panels/tp/tp_rdp/minutes/rdp20 151214.pdf
3.2.2016	Council Meeting	Hon Mrs Regina IP LAU Suk-yee raised a question on the MTR Corporation Limited railway businesses	http://www.info.gov.hk/gia/general/2 01602/03/P201602030607.htm

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
22.2.2016	Subcommittee on Matters Relating to Railways	Administration's paper on progress update of the construction of the Shatin to Central Link (as at 31 December 2015)	CB(4)610/15-16(05)  http://www.legco.gov.hk/yr15-16/en glish/panels/tp/tp_rdp/papers/tp_rdp2 0160222cb4-610-5-e.pdf
		Administration's supplementary information paper on the additional toilet facilities provided at the new concourses at the stations along the Shatin to Central Link and the original and latest estimates of the construction costs of the various on-going railway projects (follow-up paper)	CB(4)960/15-16(01)  http://www.legco.gov.hk/yr15-16/en glish/panels/tp/tp_rdp/papers/tp_rdp2 0160222cb4-960-1-e.pdf
		Minutes	CB(4)983/15-16  http://www.legco.gov.hk/yr15-16/en glish/panels/tp/tp_rdp/minutes/rdp20 160222.pdf
7.4.2016	Finance Committee (Special meeting)	Replies to initial written questions raised by Finance Committee members in examining the Estimates of Expenditure 2016-2017 (Session No.: 14) (Questions Serial Nos. 0101, 1975, 2032, 3603, 4570, 4604, 5713, 6318, 7247 and 7274)	http://www.legco.gov.hk/yr15-16/eng lish/fc/fc/w_q/thb-t-e.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
27.6.2016	Subcommittee on Matters Relating to Railways	Administration's paper on the progress update of the construction of the Shatin to Central Link (as at 31 March 2016)	CB(4)1136/15-16(03) <a href="http://www.legco.gov.hk/yr15-16/english/panels/tp/tp_rdp/papers/tp_rdp2">http://www.legco.gov.hk/yr15-16/english/panels/tp/tp_rdp/papers/tp_rdp2</a> 0160627cb4-1136-3-e.pdf
		Minutes	CB(4)1313/15-16  http://www.legco.gov.hk/yr15-16/eng lish/panels/tp/tp_rdp/minutes/rdp201 60627.pdf
	Subcommittee on Matters Relating to Railways	Administration's paper on the progress update of the construction of the Shatin to Central Link (as at 30 June 2016)	CB(4)1317/15-16(03)  http://www.legco.gov.hk/yr15-16/eng lish/panels/tp/tp_rdp/papers/tp_rdpcb 4-1317-3-e.pdf
9.12.2016	Subcommittee on Matters Relating to Railways	Administration's paper on the progress update of the construction of the Shatin to Central Link (as at 30 September 2016)	CB(4)243/16-17(07)  http://www.legco.gov.hk/yr16-17/eng lish/panels/tp/tp_rdp/papers/tp_rdp20 161209cb4-243-7-e.pdf
		Administration's paper on application for additional funding for advance railway works of the Shatin to Central Link	CB(4)243/16-17(05)  http://www.legco.gov.hk/yr16-17/eng lish/panels/tp/tp_rdp/papers/tp_rdp20 161209cb4-243-5-e.pdf
		Administration's paper on the progress update of the construction of the South Island Line (East) and Kwun	CB(4)535/16-17(01)  http://www.legco.gov.hk/yr16-17/en glish/panels/tp/tp_rdp/papers/tp_rdp2 0161209cb4-535-1-e.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
		Tong Line Extension, 56TR — South Island Line (East) — Essential Public Infrastructure Works and 63TR — Shatin to Central Link — construction of railway works — advance works (follow-up paper)	
		Administration's paper on the progress update of the construction of the Shatin to Central Link (follow-up paper)	CB(4)634/16-17(01)  http://www.legco.gov.hk/yr16-17/eng lish/panels/tp/tp_rdp/papers/tp_rdp20 161209cb4-634-1-e.pdf
		Minutes	CB(4)745/16-17 <a href="http://www.legco.gov.hk/yr16-17/eng">http://www.legco.gov.hk/yr16-17/eng</a> <a href="lish/panels/tp/tp_rdp/minutes/rdp201">lish/panels/tp/tp_rdp/minutes/rdp201</a> <a href="mailto:61209.pdf">61209.pdf</a>
25.1.2017	Public Works Subcommittee	Administration's paper on 63TR — Shatin to Central Link — construction of railway works — advance works	PWSC(2016-17)43 <a href="http://www.legco.gov.hk/yr16-17/english/fc/pwsc/papers/p16-43e.pdf">http://www.legco.gov.hk/yr16-17/english/fc/pwsc/papers/p16-43e.pdf</a>
10.2.2017	Subcommittee on Matters Relating to Railways	Administration's paper on the progress update of the construction of the Shatin to Central Link (as at 31 December 2016)	CB(4)500/16-17(07)  http://www.legco.gov.hk/yr16-17/eng lish/panels/tp/tp_rdp/papers/tp_rdp20 170210cb4-500-7-e.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
meeting		Administration's supplementary information paper on a number of issues relating to the discovery of abandoned pipe pile within the works site near Fenwick Pier Street (follow-up paper) (Chinese version only)	CB(4)221/17-18(01)  http://www.legco.gov.hk/yr16-17/chi nese/panels/tp/tp_rdp/papers/tp_rdp2 0170210cb4-221-1-c.pdf
		Minutes	CB(4)1227/16-17  http://www.legco.gov.hk/yr16-17/eng lish/panels/tp/tp_rdp/minutes/rdp201 70210.pdf
29.3.2017	Council Meeting	Dr Hon KWOK Ka-ki raised a question on information on public works	http://www.info.gov.hk/gia/general/2 01703/29/P2017032900828.htm
2.6.2017	Subcommittee on Matters Relating to Railways	Administration's paper on the progress update of the construction of the Shatin to Central Link (as at 31 March 2017)	CB(4)1099/16-17(05) <a href="http://www.legco.gov.hk/yr16-17/english/panels/tp/tp_rdp/papers/tp_rdp20">http://www.legco.gov.hk/yr16-17/english/panels/tp/tp_rdp/papers/tp_rdp20</a> 170602cb4-1099-5-e.pdf
		Administration's paper on the detailed conservation plan for the archaeological findings at the works sites of To Kwa Wan Station, including whether the monuments and antiques unearthed will be displayed at	CB(4)122/17-18(01)  http://www.legco.gov.hk/yr16-17/eng lish/panels/tp/tp_rdp/papers/tp_rdp20 170602cb4-122-1-e.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
		that Station (follow-up paper)	
		Minutes	CB(4)132/17-18
			http://www.legco.gov.hk/yr16-17/eng lish/panels/tp/tp_rdp/minutes/rdp201 70602.pdf
7.6.2017	Council Meeting	Hon Holden CHOW raised a question on major infrastructure projects experiencing cost overruns and delays	http://www.info.gov.hk/gia/general/2 01706/07/P2017060700806.htm
	Subcommittee on Matters Relating to Railways	Administration's paper on the progress update of the construction of the Shatin to Central Link (as at 30 June 2017)	CB(4)1582/16-17(01)  http://www.legco.gov.hk/yr16-17/eng lish/panels/tp/tp_rdp/papers/tp_rdpcb 4-1582-1-e.pdf
1.12.2017	Subcommittee on Matters Relating to Railways	Administration's paper on progress update of the construction of the Shatin to Central Link (as at 30 September 2017)	CB(4)260/17-18(06)  http://www.legco.gov.hk/yr17-18/eng lish/panels/tp/tp_rdp/papers/tp_rdp20 171201cb4-260-6-e.pdf
	Subcommittee on Matters Relating to Railways	Letter dated 5 December 2017 from the MTR Corporation Limited regarding the latest estimate of Cost to Complete for the Shatin to Central Link Project	CB(4)332/17-18(01)  http://www.legco.gov.hk/yr17-18/eng lish/panels/tp/tp_rdp/papers/tp_rdpcb 4-332-1-e.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
2.2.2018	Subcommittee on Matters Relating to Railways	Administration's paper on progress update of the construction of the Shatin to Central Link (As at 31 December 2017)	CB(4)538/17-18(07)  http://www.legco.gov.hk/yr17-18/eng lish/panels/tp/tp_rdp/papers/tp_rdp20 180202cb4-538-7-e.pdf
	Subcommittee on Matters Relating to Railways	MTR Corporation Limited's response to the letter from Hon Michael TIEN requesting for a report from the MTR Corporation Limited on the bombs found at the Shatin to Central Link construction site at the Hong Kong Convention and Exhibition Centre (Chinese version only)	CB(4)689/17-18(02)  http://www.legco.gov.hk/yr17-18/chi nese/panels/tp/tp_rdp/papers/tp_rdpc b4-689-2-c.pdf

Council Business Division 4
<u>Legislative Council Secretariat</u>
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