立法會 Legislative Council

LC Paper No. CB(4)268/18-19(07)

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Panel on Transport

Subcommittee on Matters Relating to Railways Meeting on 7 December 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 Legislative Council ("LegCo") Members during previous discussions on this subject.

Background

- 2. SCL, with a total length of 17 kilometres, consists of two sections
 - (a) <u>Tai Wai to Hung Hom Section</u>: It will extend the existing Ma On Shan Line ("MOL") from Tai Wai to the West Rail Line ("WRL") via East Kowloon to form the Tuen Ma Line ("TML"); and
 - (b) <u>Hung Hom to Admiralty Section</u>: It will extend the existing East Rail Line ("EAL") across the 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 (formerly named as To Kwa Wan), To Kwa Wan (formerly named as Ma Tau Wai), 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 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.² 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

(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:

² LC Paper No. CB(4)332/17-18(01)

December 2020.

Additional cost for the Shatin to Central Link project

- 8. The Administration informed the Subcommittee on Matters Relating to Railways ("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.³
- 9. According to the Administration,⁴ 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.
- 10. 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.
- 11. As advised by the Administration, it has been conducting a detailed review of the MTRCL's latest cost estimate. The Highways Department ("HyD"), in collaboration with its monitoring and verification ("M&V") consultant, held several meetings with MTRCL, and was reviewing rigorously the reasons given and the information provided by the MTRCL. 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 LegCo to continue with the SCL works.

⁴ LC Paper No. CB(4)538/17-18(07)

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

Overall works progress and delay of the Shatin to Central Link project

- 12. As at 30 June 2018, the overall works for SCL were 86% completed compared to the planned completion rate of 90% 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.
- 13. As regards the Tai Wai to Hung Hom Section, around 98% of the works have been completed as at 30 June 2018 compared to the originally planned completion rate of 99%. With a number of works fronts opening up, the Hung Hom to Admiralty Section was 71% complete in overall terms as at 30 June 2018 compared to the originally planned completion rate of 78%. For details of the progress of construction at the various stations and tunnels, railway works, fitting out and modification works, please refer to Annex 2 to LC Paper No. CB(4)44/18-19(01).
- 14. As mentioned by the Administration and MTRCL in previous reports, taking into account of the delay of about 11 months to the Tai Wai to Hung Hom Section arising from the archaeological discoveries and conservation works at Sung Wong Toi Station, the commissioning date of Tai Wai to Hung Hom Section of SCL was once deferred to end 2019. Given that the delay recovery measures implemented at this section have become effective progressively, the target commissioning date could originally be advanced to about mid-2019. However, due to the series of incidents at Hung Hom Station Extension and associated investigation work, the target commissioning date would need to be further reviewed.
- 15. Due to the impact of site handover arrangement of Wan Chai Development Phase II ("WDII") and the complicated underground condition at Exhibition Centre Station (formerly known as Exhibition Station), as well as to allow flexibility for the construction of new convention facilities above Exhibition Centre Station, ⁵ the target commissioning date of the "Hung Hom to Admiralty Section" remains in 2021. HyD had also requested MTRCL to proactively explore measures to recover the progress so as to minimize the risks of construction delay.

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.

New Trains

- 16. To facilitate the future operation of the extension of EAL to Hong Kong Island, 37 sets of new trains are being delivered to Hong Kong in batches. Stringent testing and commissioning for the delivered new trains are underway at Ho Tung Lau Depot. Dynamic testing has been in progress at the existing EAL during non-service hours since December 2015. New trains are equipped with new features including dynamic route map and gangway end display system.
- 17. On the other hand, 17 sets of new trains for TML are being delivered to Hong Kong in batches. Stringent testing and commissioning for the delivered new trains are underway at Pat Heung Depot and Tai Wai Depot. Dynamic test of the trains is underway at the existing WRL and MOL, as well as the section between Hin Keng and Hung Hom stations.
- 18. The retrofitting works of a total of 720 pairs of Automatic Platform Gate ("APG") at all 9 MOL stations were completed in December 2017. The retrofitting of APGs will also be carried out for the EAL. Before the commencement of the retrofitting works, platforms have to be strengthened in advance and equipment rooms for the relevant signalling system and facilities have to be constructed. MTRCL advised that the locations of doors of the existing trains and the new trains are different. In order to make the APGs along the EAL match with the new locations of the train doors, the retrofitting works will commence after the EAL is entirely operated by new trains.

Incidents relating to the quality of construction works of the Shatin to Central Link project

19. Since the end of May 2018, there have been media reports of problems with the construction of the SCL, including the reported incident at Hung Hom Station platform where the reinforcement were cut, part of the concrete wall of the To Kwa Wan Station was not constructed according to the drawings, the excavation works of the Exhibition Centre Station exceeded the allowable depth, and the reinforcement cage of two consecutive sections of diaphragm wall panels installed in wrong direction, etc. On 15 June 2018, MTRCL reported to HyD on the incident regarding reinforcement cutting at the platform of the Hung Hom Station. The report stated that the content of the statements given by one of the sub-contractors of Leighton Contractors (Asia) Limited ("Leighton") was inconsistent with the statements given by Leighton to MTRCL. Leighton has strenuously denied the allegations by the sub-contractor, while MTRCL did not express

any opinion on the mismatch. According to the relevant information provided by MTRCL separately to HyD on 15 June 2018, HyD considered that the incident may involve criminal elements and therefore referred it to the Police for follow-up action.

- In view that the cutting of reinforcement at the SCL Hung Hom 20. Station Extension has caused widespread concern in the society, the Chief Executive and the Executive Council appointed on 10 July 2018 a Commission of Inquiry ("COI") which is chaired by Justice Michael Hartmann under the Commissions of Inquiry Ordinance (Cap. 86) to carry out investigations into the facts and circumstances surrounding the steel reinforcement fixing works at the construction works of the diaphragm wall and platform slab of Hung Hom Station Extension under the SCL project. COI would review the MTRCL's project management system and supervision system, etc. as well as the monitoring and regulatory mechanisms of the Government, and would also suggest appropriate measures in order to promote public safety and assurance on the quality of The substantive hearing of the Inquiry commenced on 22 October works. 2018.
- 21. The Transport and Housing Bureau ("THB") announced that an Expert Adviser Team for the SCL Project was established on 15 August 2018. The Team comprises three senior retired government officers and will conduct an overall review of MTRCL project management system, and recommend additional management and monitoring measures to be undertaken by MTRCL and government departments as appropriate, in taking forward the SCL Project. The Team will also advise on any matters relevant to the works of the SCL project, including settlement matters.
- 22. The Team has submitted an interim report to THB on 24 October 2018. A total of 16 preliminary recommendations have been made in the report. On the recommendations with respect to the Hung Hom Station Extension, the Team recommended that a holistic strategy should be formulated to assess the acceptability of the built structure of the Hung Hom Station Extension, instead of relying solely on the load test as previously proposed. The strategy should include a combination of diagnoses, including physical inspection through opening up the structures. Furthermore, apart from the East West Line platform slab, the North South Line platform slab and the diaphragm walls should also be assessed.

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Hyperlink of the report:

www.thb.gov.hk/eng/psp/publications/transport/studies/index.htm

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Settlement issues of the construction of the Shatin to Central Link

- 23. Since August 2018, there have been media reports about settlement of buildings and underground utilities in the vicinity of To Kwa Wan Station Exhibition Centre Station under the SCL project due to According to MTRCL's records, the settlement piling/excavation works. readings at some monitoring points had exceeded the pre-set trigger levels during the construction period of To Kwa Wan Station. safety of the public, the MTRCL had taken relevant measures in accordance with the mechanism. HyD together with its M&V consultant and Buildings Department ("BD") had arranged staff to inspect the 23 buildings affected by the settlement near the site of To Kwa Wan Station as reported Neither obvious structural safety problem nor obvious by media. abnormal condition near the underground utilities were observed. public concern, MTRCL has publicized the most recent settlement monitoring data along the SCL to the Subcommittee⁸ and will arrange registered structural engineers to inspect the 23 buildings concerned.
- 24. Regarding the situation of settlement monitoring points near Wan Chai North, the Administration advised that the settlement of some monitoring points had exceeded the highest trigger level. To ease public concern, MTRCL suspended the excavation works of Exhibition Centre HyD together with its M&V consultant Station on 10 August 2018. carried out site inspection on the following day and did not discover any obvious structural safety problem on the buildings and structures or abnormal condition on the nearby areas of those underground utilities. also inspected relevant buildings nearby and did not find any obvious Taking into account the relevant comments from structural problem. stakeholders, including the relevant departments and utility undertakers and MTRCL's confirmation that the works resumption and updating of the pre-set trigger levels would not compromise public safety, HyD agreed to the MTRCL's proposal of works resumption and updating of trigger levels. The excavation works on the site were resumed on 29 September 2018.
- 25. THB announced in late September 2018 that in view of the fact that the announcement arrangement for several recent cases on settlement in the vicinity of works sites has aroused public attention, HyD, BD and MTRCL have reviewed the existing arrangement and followed the advice from the Expert Adviser Team to set up an announcement mechanism for the SCL

⁷ LC Paper No. CB(4)44/18-19(01)

⁸ Please refer to LC Paper No. CB(4)1504/17-18(04) for details.

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works. Hopefully, it will improve transparency of the settlement data and let the public understand its latest settlement situation.⁹

Major concerns expressed by Members

26. The major views and concerns of LegCo Members on the SCL project, including those expressed during the Subcommittee meetings or the meeting of Panel on Transport ("the Panel"), are summarized in the ensuing paragraphs.

Quality of construction works of the Shatin to Central Link project

- 27. In view of the series of incidents relating to works at the Hung Hum Station Extension, To Kwa Wan Station and Exhibition Centre Station, members criticized the Administration and MTRCL for having failed to properly supervise the implementation of the SCL project and expressed deep concern over MTRCL's system on reporting to the Administration as prescribed under the Entrustment Agreement. In particular, they queried the role of M&V consultant in the incidents and considered the M&V consultant not being able to perform its monitoring duties. Some members also urged the Administration to widen the scope of the terms of reference of COI to cover issues relating to the construction works at other SCL stations.
- 28. At the special meeting of the Panel on 31 August 2018 which discussed issues relating to the alleged defective steel works at diaphragm wall and platform slab of the Hung Hom Station Extension, members passed a total of five motions urging the Administration to, among others, conduct an investigation by drilling open the joints between the platform slab and diaphragm wall of Hung Hum Station to ensure public safety, appoint independent professionals to inquire into issues relating to MTRCL's suspected concealment of the alleged substandard construction works carried out at the new platforms of Hung Hom Station Extension, explore the feasibility of terminating the relevant contracts with Leighton and request MTRCL and Leighton to be responsible for all the cost for fixing the relevant part of the structure and any additional cost incurred by the delay of the completion of SCL project due to the substandard fixing works, put in place an effective supervision mechanism and strictly punish the contractors involved.

For details of the mechanism, please refer to the <u>press release</u> issued by the Transport and Housing Bureau on 28 September 2018.

29. In response to members' call for the Administration to reduce the project management cost of SCL payable to MTRCL and to deduct the remunerations and bonuses of MTRCL's senior management, the Administration advised that it would reserve all the rights to pursue the responsibilities of and recover relevant costs incurred from MTRCL in case MTRCL was found to be at fault upon completion of the investigations conducted.

Settlement issues

- 30. Members were briefed on the settlement issues of the construction of SCL at the special meeting of the Subcommittee held on 31 August 2018. Members in general were dissatisfied that MTRCL did not suspend the relevant construction works when the settlement readings at some monitoring points near To Kwa Wan Station had exceeded the pre-set trigger levels during the construction period, and also did not make public the relevant settlement data until the settlement issues of the construction of SCL were reported by the media. A number of members also expressed grave concern on the adjustment of the pre-set trigger levels for temporary suspension of works.
- 31. The Administration advised at the meeting that under the new mechanism to be announced in the near future, MTRCL had to temporarily suspend the part of works which might contribute to the problems when the extent of settlement or other monitoring data reached the pre-set trigger levels for suspension of works. The Administration further advised that if MTRCL established a more conservative pre-set trigger levels at the beginning, there would be room for raising the pre-set trigger levels. Relevant government departments would vigorously scrutinize MTRCL's proposal of updating the pre-set trigger levels and would give consent to such update only when it was confirmed that MTRCL had sufficient justifications and that public safety would not be compromised.
- 32. In response to some members' suggestions of compensating residents living in the private buildings affected by the SCL construction works and carrying out necessary repairs works for them, MTRCL advised that members' suggestions would be considered.

Cost overrun

33. 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 LegCo. The Administration advised at the Subcommittee meeting in February 2018 that HyD would target to complete the review by the second quarter of 2018.

34. 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 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 30 June 2018, 309 cases of substantiated claims were resolved and about \$1,780.8 million was awarded.

Unexploded bombs found at the site of Exhibition Centre Station

- 35. At the Subcommittee meeting on 2 February 2018, members noted that two undetonated bombs were discovered at the construction site of the $2018.^{-10}$ Station in January Exhibition Centre They 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. expressed serious concern that MTRCL had put the safety of workers on site and people living or working in Wan Chai at risk. 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.
- 36. MTRCL responded that in view of the fact that the northern coastline of Hong Kong Island was bombarded during the Second World War, it had envisaged the risk of discovering wartime explosives during the planning stage. Before commencing major excavation works in 2016, MTRCL communicated with police experts to provide a specific project briefing for the engineering site staff on suitable procedures in case any suspected explosive objects were encountered to enhance the workers' understanding and awareness of the risk. MTRCL had adopted a particularized and controlled excavation method to allow the excavation

Subsequently, a third unexploded wartime bomb was found at the Exhibition Centre works site on 10 May 2018.

works to be conducted in a strictly controlled manner, so as to uphold safety and to minimize risk. HyD had requested MTRCL to assess the time and cost implications arising from the discovery of unexploded ordnances, and explore delay recovery measures to minimize the risk of project delays.

Archaeological features discovered at Sung Wong Toi Station

- 37. 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.
- 38. Subcommittee members noted that the design of the roof of Sung Wong Toi Station was 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.
- 39. 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.

Other issues

- 40. The Subcommittee members have also expressed the following views and concerns on the following issues:
 - (a) labour shortage problem which might further delay the construction progress of the SCL project;
 - (b) the possible reduction in train capacity for East Rail Line after the replacement of 12-car trains with 9-car trains;
 - (c) 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;
- (d) the construction of a footbridge connecting Hin Keng Shopping Centre with the future Hin Keng Station;
- (e) the progress of the development of a convention centre above Exhibition Centre Station;
- (f) the improvements of MOL by providing more escalators connecting the station concourse to the platform at certain stations:
- (g) 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;
- (h) large metal object found on the Wan Chai seabed; and
- (i) abandoned pipe pile found within the works site near Fenwick Pier Street.

Latest development

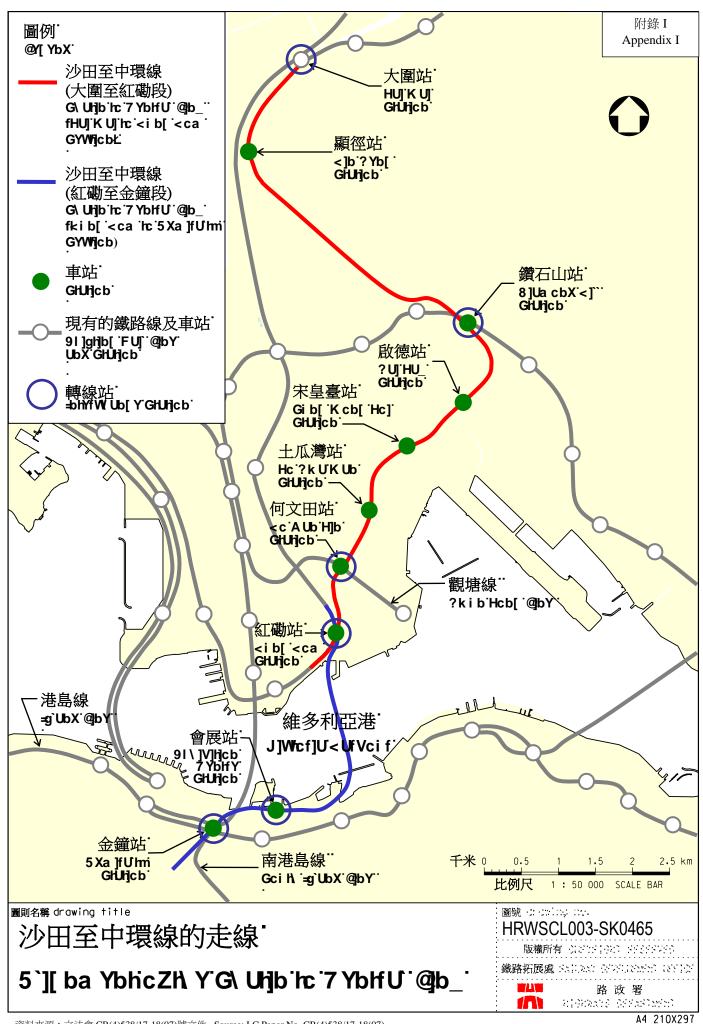
- 41. In response to Panel members' request, the Administration has provided for members' reference a copy of the Entrustment Agreement signed between the Government and MTRCL for the construction of the SCL project after obtaining MTRCL's consent (please refer to LC Paper No. CB(4)232/18-19(01) issued on 20 November 2018.).
- 42. The Administration plans to update the Subcommittee on the progress of the construction of SCL at the meeting to be held on 7 December 2018.

Relevant papers

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

Council Business Division 4 Legislative Council Secretariat

4 December 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 http://www.legco.gov.hk/yr07-08/english/fc/pwsc/minutes/pw080423.pdf
9.5.2008	Finance Committee	Administration's paper	FCR(2008-09)7 http://www.legco.gov.hk/yr07-08/english/fc/fc/papers/f08-07e.pdf
		Minutes	FC12/08-09 http://www.legco.gov.hk/yr07-08/english/fc/fc/minutes/fc080509.pdf
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 http://www.legco.gov.hk/yr09-10/english/fc/pwsc/minutes/pwsc2010060

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 http://www.legco.gov.hk/yr10-11/eng lish/fc/pwsc/minutes/pwsc20110125. pdf
18.2.2011	Finance Committee	Administration's paper	FCR(2010-11)59 http://www.legco.gov.hk/yr10-11/eng lish/fc/fc/papers/f10-59e.pdf

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 http://www.legco.gov.hk/yr10-11/eng lish/fc/pwsc/minutes/pwsc20110601.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
24.6.2011	Finance Committee	Administration's paper	FCR(2011-12)30 http://www.legco.gov.hk/yr10-11/eng lish/fc/fc/papers/f11-30e.pdf
		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 http://www.legco.gov.hk/yr11-12/english/fc/fc/papers/f12-20e.pdf
		Minutes	FC183/11-12 http://www.legco.gov.hk/yr11-12/english/fc/fc/minutes/fc20120511.pdf
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) http://www.legco.gov.hk/yr13-14/english/panels/tp/tp_rdp/papers/tp_rdp0 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 http://www.legco.gov.hk/yr13-14/english/panels/tp/tp_rdp/minutes/rdp20 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) http://www.legco.gov.hk/yr15-16/chi nese/panels/tp/tp_rdp/papers/tp_rdp2 0151214cb4-404-1-c.pdf
		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) http://www.legco.gov.hk/yr15-16/english/panels/tp/tp_rdp/papers/tp_rdp2 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 http://www.legco.gov.hk/yr16-17/eng lish/panels/tp/tp_rdp/minutes/rdp201 61209.pdf
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 http://www.legco.gov.hk/yr16-17/english/fc/pwsc/papers/p16-43e.pdf
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.
meeung		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) http://www.legco.gov.hk/yr16-17/english/panels/tp/tp_rdp/papers/tp_rdp20 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
1.6.2018	Subcommittee on Matters Relating to Railways	Administration's paper on progress update of the construction of the Shatin to Central Link (As at 31 March 2018)	CB(4)1151/17-18(05) https://www.legco.gov.hk/yr17-18/english/panels/tp/tp_rdp/papers/tp_rdp2 0180601cb4-1151-5-e.pdf
20.6.2018	Council Meeting	Hon Tony TSE raised a question on construction works for Hung Hom Station platform under Shatin to Central Link	https://www.info.gov.hk/gia/general/ 201806/20/P2018062000399.htm

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
27.6.2018	Council Meeting	Hon LAM Cheuk-ting raised a question on Shatin to Central Link Project	https://www.info.gov.hk/gia/general/ 201806/27/P2018062700354.htm
6.7.2018	Subcommittee on Matters Relating to Railways	Administration's paper on issues relating to construction works at To Kwa Wan Station and Exhibition Centre Station under the Shatin to Central Link project	CB(4)1354/17-18(01) https://www.legco.gov.hk/yr17-18/en glish/panels/tp/tp_rdp/papers/tp_rdp2 0180706cb4-1354-1-e.pdf
13.7.2018	Subcommittee on Matters Relating to Railways	Letter dated 12 July 2018 from the Administration (Chinese version only)	CB(4)1395/17-18(01) https://www.legco.gov.hk/yr17-18/ch inese/panels/tp/tp_rdp/papers/tp_rdp 20180713cb4-1395-1-c.pdf
31.8.2018	Subcommittee on Matters Relating to Railways	Administration's paper on the settlement issues of the construction of the Shatin to Central Link	CB(4)1504/17-18(03) https://www.legco.gov.hk/yr17-18/english/panels/tp/tp_rdp/papers/tp_rdp2 0180831cb4-1504-3-e.pdf
		MTR Corporation Limited's paper on measures taken against settlement issue during the design and construction stages of the Shatin to Central Link Project	CB(4)1504/17-18(04) https://www.legco.gov.hk/yr17-18/en glish/panels/tp/tp_rdp/papers/tp_rdp2 0180831cb4-1504-4-e.pdf
31.8.2018	Panel on Transport	Administration's paper on issues relating to the	CB(4)1514/17-18(01) https://www.legco.gov.hk/yr17-18/en

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
		construction of the platform slab of Hung Hom Station Extension under the Shatin to Central Link project	glish/panels/tp/papers/tp20180831cb 4-1514-1-e.pdf
		MTR Corporation Limited's paper on issues relating to the steel works at diaphragm wall and platform slab of Hung Hom Station Extension under the Shatin to Central Link project	CB(4)1514/17-18(02) https://www.legco.gov.hk/yr17-18/english/panels/tp/papers/tp20180831cb4-1514-2-e.pdf
20.11.2018*	Panel on Transport	Copy of the Entrustment Agreement signed between the Government and MTR Corporation Limtied for the construction of Shatin to Central Link Project (English version only)	CB(4)232/18-19(01) https://www.legco.gov.hk/yr18-19/en glish/panels/tp/papers/tpcb4-232-1-e. pdf

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