

新聞稿

Press Release

PR025/24
10 May 2024

Numerous New Railway Projects Commence Major Construction Works Tackle Works Complexity with Thorough Planning and Comprehensive Project Management

Supporting the Government's long-term strategic planning and development for Hong Kong, the MTR Corporation is taking forward a series of new railway projects in full swing to enhance the Hong Kong's railway network, as well as to connect and build communities. Mr Carl Devlin, Capital Works Director of MTR Corporation today (10 May 2024) provided progress updates on the respective new railway projects, including the major civil works commencing progressively this year and relevant planning and project management measures to lay a solid foundation to get well prepared for the construction peak in the next few years.

After statutory approvals, the Tung Chung Line Extension, Kwu Tung Station on the East Rail Line*, Tuen Mun South Extension and Oyster Bay Station have commenced construction progressively since mid-2023. The major construction works for Hung Shui Kiu Station on the Tuen Ma Line* are also expected to commence within this year and relevant preparation works have already commenced. Planning and design works for other projects are on-going. The major construction works for this year include:

- Oyster Bay Station cable diversion and piling works;
- Tung Chung Line Extension turnout installation and track diversion, and tunnel boring works;
- Kwu Tung Station on the East Rail Line* bulk excavation;
- Tuen Mun South Extension piling and foundation works along Tuen Mun River, and
- Hung Shui Kiu Station on the Tuen Ma Line* removal of viaduct parapet walls before main works commencement.

"2024 marks a significant year for railway network extension with major civil works commencing progressively for various projects. Pushing forward the new railway projects as scheduled and maintaining safe and reliable train operations at the same time is the primary objective of the Capital Works Team. The team is leveraging our extensive experience and striving for excellence to maintain our robust and comprehensive project management on projects delivery," said Mr Devlin.

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Mr Devlin also supplemented that the majority of new railway projects involve construction works on operating railway lines. The works include the extension and construction of new tracks and construction of new stations, which increase the complexity and challenges of the works. In addition, the team has to make good use of the “Golden Two Hours” working window during non-traffic hours and maintain close coordination with the operations maintenance team to avoid impacting on routine railway maintenance.

To facilitate multiple works for new railway projects taking place on existing railway sections, the project team commenced its preparations at an early stage with prudent planning, cautious risk management, and meticulous working procedures in order to push forward the projects. New and innovative ideas, technologies, and techniques are also being introduced to enhance the quality and efficiency of the works. These measures include adjusting and allocating the works procedures flexibly to maximise working hours, commencing the preparation works in a timely manner, as well as formulating appropriate works plans by incorporating innovative technologies tailored to specific project features.

Supporting the blueprint for Hong Kong ‘s development, the new railway projects will enhance the development of new communities and the connectivity of existing communities upon completion. These projects are also expected to provide more than 20,000 railway construction and related job opportunities. With the vision of ‘Go Beyond Boundaries’ for the new railway projects, the Corporation will take forward respective projects progressively, bolstering the city’s long-term and sustainable development.

Note:

*Station names are working titles only.

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About MTR Corporation

To Keep Cities Moving, MTR makes encounters happen and rendezvous for a more connected tomorrow. As a recognised world-class operator of sustainable rail transport services, we are a leader in safety, reliability, customer service and efficiency.

MTR has extensive end-to-end railway expertise with 45 years of railway projects experience from design to planning and construction through to commissioning, maintenance and operations. Going beyond railway delivery and operation, MTR also creates and manages dynamic communities around its network through seamless integration of rail, commercial and property development.

With more than 50,000 dedicated staff*, MTR carries over 10 million passenger journeys worldwide every weekday in Hong Kong, Mainland China, Australia, the United Kingdom and Sweden. Together, we Go Smart and Go Beyond.

For more information about MTR Corporation, please visit www.mtr.com.hk.

*includes our subsidiaries, associates and joint ventures in Hong Kong and worldwide

Major Civil Works of New Railway Projects in 2024

	<p>Oyster Bay Station</p> <p><u>Cable Diversion and Piling Works</u></p> <ul style="list-style-type: none"> • Modify the Siu Ho Wan Depot and maintain its operation while conducting large-scale advance works, such as construction of cable bridges atop the operating lines and cable diversion to vacate space for piling works
	<p>Tung Chung Line Extension</p> <p><u>Tung Chung East Section – Turnout Installation and Track Diversion</u></p> <ul style="list-style-type: none"> • Add the new Tung Chung East Station* between Sunny Bay and Tung Chung stations by realigning the existing track sections, and installing turnout and other equipment to divert the Tung Chung Line northward in phases and connect with new tracks in future and new station <p><u>Tung Chung West Section – Tunnel Boring Works</u></p> <ul style="list-style-type: none"> • Construction of tunnel extending the existing Tung Chung Station westward to the new Tung Chung West Station* • Construct the tunnel underground using a tunnel boring machine to minimise the impact to nearby residents
	<p>Kwu Tung Station on the East Rail Line*</p> <p><u>Bulk Excavation</u></p> <ul style="list-style-type: none"> • Carry out large-scale excavation works layer by layer atop the operating tunnels of the Lok Ma Chau Spur Line while maintaining the stability of the tunnel structures and normal train services operation
	<p>Hung Shui Kiu Station on the Tuen Ma Line*</p> <p><u>Removal of parapet walls on viaduct</u></p> <ul style="list-style-type: none"> • Cut and remove 140 parapet wall segments one by one on both sides of the viaduct while maintaining railway safety and normal services of the Tuen Ma Line
	<p>Tuen Mun South Extension</p> <p><u>Piling and Foundation Works along Tuen Mun River</u></p> <ul style="list-style-type: none"> • Piling and foundation works along the Tuen Mun River for construction of a new viaduct and A16 Station* • Tie in with the dry season for works commencement and ensure normal river operation is not affected during construction

Note: *Station names are working titles only.

Photo Captions:

1. Mr Carl Devlin, Capital Works Director (left), and Mr Walter Lam, Project Manager - Tuen Mun South Extension & Hung Shui Kiu Station (right), of MTR Corporation provide updates on the major construction works for new railway projects.



2. Mr Devlin mentioned that the majority of new railway projects involved construction works on operating railway lines, including the extension and construction of new tracks and construction of new stations, which increased the complexity and challenges of the works.



3. Hung Shui Kiu Station on the Tuen Ma Line is the first station to be constructed on an operating viaduct. Relevant preparation works, including the removal of parapet walls on the viaduct have already commenced.

