

CONTROLLING OFFICER'S REPLY

THB(T)028

(Question Serial No. 1975)

Head: (60) Highways Department

Subhead (No. & title): (-) Not Specified

Programme: (3) Railway Development

Controlling Officer: Director of Highways (K K LAU)

Director of Bureau: Secretary for Transport and Housing

Question:

Regarding the Government's estimates, there are 16 active capital projects under design and construction entrusted to the railway corporation or other agencies in 2016, involving approximately \$174.4 billion. Please provide the following –

- (a) a breakdown of such capital projects, including the names of the agencies entrusted, the project costs, the sums payable and the anticipated dates of completion;
- (b) a list of those capital projects which involve cost overrun or delay with overrun amount, length and cause of delay; and
- (c) a list of the two railway development projects with studies and other tasks being carried out by consultants in 2016 according to the Government's estimates, including project names, details and implementation timetable.

Asked by: Hon Gary FAN Kwok-wai (Member Question No. 15)

Reply:

- (a) The subhead, project titles, parties entrusted, estimated total expenditures and anticipated completion dates of the projects are shown in the table below –

Subhead	Project Title	Entrusted to	Estimated Total Expenditure (\$ million)	Anticipated Completion Date
6038TR	West Rail (WR) (phase 1) - Essential Public Infrastructure Works (EPIW) for Tuen Mun section	MTR Corporation Limited (MTRCL)	409.3	Works substantially completed

Subhead	Project Title	Entrusted to	Estimated Total Expenditure (\$ million)	Anticipated Completion Date
6039TR	WR (phase 1) – EPIW for Sham Shui Po section	MTRCL	378.7	Works substantially completed
6045TR	WR (phase 1) – EPIW for Yuen Long section	MTRCL	576.0	Works substantially completed
6055TR	West Island Line - EPIW	MTRCL	79.6*	Works substantially completed
6052TR	Hong Kong section of the Guangzhou-Shenzhen-Hong Kong Express Rail Link (XRL) - design and site investigation	MTRCL	2,782.6	Works substantially completed
6053TR	XRL - construction of railway works	MTRCL	70,405.0	Third quarter of 2018 (including a six-month contingency period)
6057TR	XRL - construction of non-railway works	MTRCL	16,015.0	Third quarter of 2018 (including a six-month contingency period)
6051TR	Shatin to Central Link (SCL) - design and site investigation	MTRCL	2,407.5*	Works substantially completed
6058TR	SCL - construction of railway works - protection works	Major Works Project Management Office of the Highways Department	440.6*	Works substantially completed
6059TR	SCL - construction of railway works - protection works in Wan Chai Development Phase II	Civil Engineering and Development Department	119.5*	Works substantially completed
6063TR	SCL - construction of railway works - advance works	MTRCL	6,254.9*	End 2016

Subhead	Project Title	Entrusted to	Estimated Total Expenditure (\$ million)	Anticipated Completion Date
6064TR	SCL - construction of non-railway works - advance works	MTRCL	1,328.7*	End 2016*
6061TR	SCL - construction of railway works - remaining works	MTRCL	65,433.3*	2021
6062TR	SCL - construction of non-railway works - remaining works	MTRCL	5,983.1*	2021
6056TR	South Island Line (East) [SIL(E)] - EPIW	MTRCL	927.0*	First half of 2016
6060TR	Kwun Tong Line Extension (KTE) - EPIW	MTRCL	826.9*	Third or fourth quarter of 2016
Total			174,367.7	

* under review

- (b) The subhead, project titles, original and forecast completion dates, and estimated budget overrun for the projects, which involve delay or budget overrun, are shown in the table below –

Subhead	Project Title	Original Completion Date	Forecast Completion Date	Estimated Budget Overrun (\$ million)
6053TR	XRL - construction of railway works	August 2015	Third quarter of 2018 (including a six-month contingency period)	15,387.5
6057TR	XRL - construction of non-railway works	August 2015	Third quarter of 2018 (including a six-month contingency period)	4,215.0
6063TR	SCL - construction of railway works - advance works	Fourth quarter of 2015	End 2016	under review
6064TR	SCL - construction of non-railway works - advance works	Fourth quarter of 2015	End 2016*	under review

Subhead	Project Title	Original Completion Date	Forecast Completion Date	Estimated Budget Overrun (\$ million)
6061TR	SCL - construction of railway works - remaining works	December 2020	2021	under review
6062TR	SCL - construction of non-railway works - remaining works	December 2020	2021	under review
6056TR	SIL(E) - EPIW	2015	First half of 2016	under review
6060TR	KTE - EPIW	In tandem with the completion of KTE in 2015	Third or fourth quarter of 2016	under review

* under review

The reasons for the delay and budget overrun generally include unfavourable ground conditions encountered, production rates lower than anticipated, workmanship and logistic issues, interface and co-ordination of contractors, site constraints such as utilities diversion, temporary traffic diversion, inclement weather, price escalations, etc.

- (c) The titles, anticipated total expenditures and anticipated dates of completion of the consultancy studies under the Programme are shown in the table below –

Title of Study	Anticipated Total Expenditure (\$ million)	Anticipated Completion Date
SCL - Monitoring and verification (M&V) consultancy for construction, testing and commissioning phase	190.9	2021
XRL - M&V consultancy for construction, testing and commissioning phase	199.2	2019**

** The main task for the M&V consultant after commissioning of the XRL is to review the submissions and claims assessment reports made by the MTRCL's internal Project Control Group (which focuses on cost controls, consultancies and other contract procurements, reviews of proposals, strategic issues and project risks) in relation to preparing the final account.

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