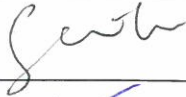



Environmental Protection Department

Contract No. HY/2012/06

**Widening of Fanling Highway
– Tai Hang to Wo Hop Shek
Interchange****Quarterly EM&A Report
for May 2019 to July 2019**

[8/2019]

	Name	Signature
Prepared & Checked:	Sammi Lam	
Reviewed & Approved:	Y W Fung	

Version: Rev. 0 Date: 16 August 2019

Disclaimer

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Your Reference

Our Reference

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Environmental Monitoring and Audit (EM&A) for Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling Stage 2 (between Tai Hang to Wo Hop Shek Interchange)
Environmental Permit No. EP-324/2008/E
Quarterly EM&A Summary Report for May 2019 to July 2019 for the portion of Stage 2 works under Contract No. HY/2012/06

16 August 2019
By Fax (2805 5028) & Hand

We refer to the Quarterly EM&A Summary Report for May 2019 to July 2019 for the captioned Project received on 15 August 2019 submitted by ET via email. We confirm we have no comment.

Yours faithfully
for MOTT MACDONALD HONG KONG LIMITED



Steven Tang
Independent Environmental Checker

c.c.
HyD
AECOM

Mr. Ricky Yeung
Mr. Y W Fung

By Fax (2714 5198)
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EXECUTIVE SUMMARY

The proposed widening of Tolo Highway and Fanling Highway between Island House Interchange and Fanling (the Project) is a Designated Project under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO). An Environmental Impact Assessment (EIA) Report (the approved EIA Report) together with an Environmental Monitoring and Audit (EM&A) Manual (the approved EM&A Manual) were completed and approved under the EIAO on 14 July 2000 (Register Number: EIA-043/2000).

The objective of the Project “Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling” is to widen Tolo Highway and Fanling Highway to dual 4-lane carriageway in order to alleviate the current traffic congestion problems and to cope with the increasing transport demands to and from the urban areas and also cross boundary traffic.

The construction works for this Project will be delivered in 2 stages i.e. Stage 1 (between Island House Interchange and Tai Hang) and Stage 2 (between Tai Hang and Wo Hop Shek Interchange). Stage 2 would be implemented under three works contracts. Contract No. HY2012/06 “Widening of Fanling Highway – Tai Hang to Wo Hop Shek Interchange” and the entrusted portion to CEDD under Contract No. CV/2012/09 “Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works – Contract 3”. In addition, Contract No. “Provision of Bus-Bus Interchange on Fanling Highway Kowloon Bound” was carried out within the site boundary of Contract No. 02/HY/2015. This report focuses on Contract No. HY/2012/06 “Widening of Fanling Highway – Tai Hang to Wo Hop Shek Interchange” in Stage 2 of the Project and “Provision of Bus-Bus Interchange on Fanling Highway Kowloon Bound” under Works Order Nos. CB128520-5 and CB128519-0 in Contract No. 02/HY/2015 “Highway Department Term Contract (Management and Maintenance of Roads in Tai Po and North District excluding High Speed Roads 2016-2022)”. The construction works of Works Order Nos. CB128520-5 and CB128519-0 under Contract No. 02/HY/2015 have been completed on 23 May 2018.

Pursuant to the EP (EP-324/2008/E) Condition 2.7, the Capture Survey Trip Report for Ma Wat River Northern Meander (Version 2) for the Project was submitted on 24 December 2013 by the Environmental Team (ET) and verified by the Independent Environmental Checker (IEC) on 6 January 2014.

The construction phase of the Contract under the EP and the Environmental Monitoring and Audit (EM&A) programme of the contract commenced on 21 November 2013. The impact environmental monitoring and audit includes air quality and noise monitoring.

This report documents the findings of EM&A works conducted in the period between 1 May 2019 and 31 July 2019. As informed by the Contractor, construction activities of Contract No. HY/12012/06 in the reporting period were as follows:

- Site clearance
- Pipe laying
- Noise barrier
- Excavation
- Backfilling
- Drainage
- Bridge construction
- Sign gantry installation
- Road pavement and resurfacing
- Demolition of temporary bridge
- Construction of hub room
- Landscape works

Reporting Change

There was no reporting change required in the reporting period.

Breaches of Action and Limit Levels for Air Quality

No exceedance of Action and Limit Level was recorded for 1-hour and 24-hour TSP monitoring in the reporting period.

Breaches of Action and Limit Levels for Noise

No Action Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 – 1900 hours on normal weekdays was received and followed by Environmental Team in the reporting period.

One (1) Limit Level exceedance was recorded on 20 June 2019 for noise monitoring at M3 in the previous reporting month. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.

Complaint, Notification of Summons and Successful Prosecution

No complaint, notification of summons and successful prosecution was received in the reporting period.

Future Key Issues

Key issues to be considered in the coming month include:

- Properly store and label oils and chemicals on site;
- Chemical, chemical waste and waste management;
- Collection of construction waste should be carried out regularly;
- Properly maintain all drainage facilities and wheel washing facilities on site;
- Exposed slopes should be covered up properly if no temporary work will be conducted;
- Quieter powered mechanical equipment should be used;
- Suppress dust generated from excavation activities and haul road traffic; and
- Tree protective measures for all retained trees should be well maintained.

1 INTRODUCTION

1.1 Project Organization and Contacts of Key Management

1.1.1 The project organization structure is shown in Appendix A. The key personnel contact names and numbers are summarized in Table 1.1.

Table 1.1 Contact Information of Key Personnel

Party	Position	Name	Telephone	Fax
ER (Hyder-Arup-Black & Veatch Joint Venture)	Chief Resident Engineer	Edwin Chung	6115 0818	2638 0950
IEC (Mott MacDonald Hong Kong Limited)	Independent Environmental Checker	Steven Tang	2828 5920	2827 1823
Contractor of [HY/2012/06] (China State Construction Engineering (Hong Kong) Limited)	Environmental Officer	Michael Tsang	9277 4956	2672 2501
		C C Chow	9679 6315	2672 2501
Contractor of [02/HY/2015] (Chiu Hing Construction & Transportation Company Limited)	Safety Officer	Marty Tai	9106 5318	-
ET (AECOM Asia Company Limited)	ET Leader	Y W Fung	3922 9393	3922 9797

1.2 Programme

1.2.1 The Construction Programme is shown in Appendix B.

1.3 Summary of Construction Works

1.3.1 Details of the construction works of Contract No. HY/2012/06 carried out by the Contractor in this reporting period are listed below:

- Site clearance
- Pipe laying
- Noise barrier
- Excavation

- Backfilling
- Drainage
- Bridge construction
- Sign gantry installation
- Road pavement and resurfacing
- Demolition of temporary bridge
- Construction of hub room
- Landscape works

1.3.2 The general layout plan of the Project site of Contract No. HY/2012/06 and Works Order Nos. CB128520-5 and CB128519-0 under 02/HY/2015 showing the contract areas are shown in Figure 1.1 and Figure 1.2 respectively.

1.3.3 The environmental mitigation measures implementation schedule are presented in Appendix C.

2 ENVIRONMENTAL MONITORING AND AUDIT REQUIREMENTS

2.1 Monitoring Parameters

- 2.1.1 The updated EM&A Manual has designated 1 air quality monitoring station and 2 noise monitoring stations to monitor environmental impacts on air quality and noise due to Stage 2 of the Project.
- 2.1.2 The updated EM&A Manual also requires environmental site inspections for air quality, noise, water quality, chemical, waste management, ecology and landscape and visual impacts.

2.2 Monitoring Locations

- 2.2.1 For air quality monitoring, the monitoring station was set up at Fanling Government Secondary School, in accordance with updated EM&A Manual. The location is shown in Figure 1.3a.
- 2.2.2 For noise monitoring, the monitoring stations M2 and M3 were set up at West Tai Wo and Fanling Government Secondary School respectively in accordance with updated EM&A Manual. Figure 1.3a-b shows the locations of the monitoring stations.

2.3 Environmental Quality Performance Limits (Action/Limit Levels)

- 2.3.1 The environmental quality performance limits (i.e. Action/Limit Levels) of air quality monitoring were derived from the baseline air quality monitoring results at the monitoring station (AM2); while the environmental quality performance limits of noise monitoring were defined in the EM&A Manual.
- 2.3.2 The environmental quality performance limits are given in Appendix D.

2.4 Environmental Mitigation Measures

- 2.4.1 Relevant environmental mitigation measures were stipulated in the Particular Specification and EP for the Contractor to adopt. A list of environmental mitigation measures and their implementation statuses are given in Appendix C.

3 AIR QUALITY MONITORING

- 3.1.1 In accordance with the updated EM&A Manual, baseline 1-hour and 24-hour TSP levels at one air quality monitoring station was established. Impact 1-hour TSP monitoring was conducted for at least three times every 6 days, while impact 24-hour TSP monitoring was carried out for at least once every 6 days.
- 3.1.2 The weather was mostly rainy, occasionally sunny, fine and cloudy in the reporting quarter. Weather information including the wind speed and wind direction is annexed in Appendix F. The information was obtained from the Hong Kong Observatory Tai Po and Tai Mei Tuk Automatic Weather Stations.
- 3.1.3 The monitoring results for 1-hour TSP and 24-hour TSP monitoring are summarized in Tables 3.1 and 3.2 respectively. Detailed impact air quality monitoring results are presented in Appendix E.

Table 3.1 Summary of 1-hour TSP Monitoring Results in the Reporting Period

Location	Average ($\mu\text{g}/\text{m}^3$)	Range ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
AM2 (Fanling Government Secondary School)	64.6	56.9 – 74.5	317.8	500

Table 3.2 Summary of 24-hour TSP Monitoring Results in the Reporting Period

Location	Average ($\mu\text{g}/\text{m}^3$)	Range ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
AM2 (Fanling Government Secondary School)	18.3	5.8 – 66.9	200.7	260

- 3.1.4 The major dust sources in the reporting period included construction activities from Stage 2 of the Project, as well as nearby traffic emissions.
- 3.1.5 All 1-hour and 24-hour TSP results were below the Action and Limit Level in the reporting quarter.
- 3.1.6 Detailed impact air quality monitoring results are presented in Appendix E.

4 NOISE MONITORING

- 4.1.1 In accordance with the EM&A Manual, impact noise monitoring was conducted for at least once per week during the construction phase of the Contract.
- 4.1.2 The monitoring results for construction noise are summarized in Table 4.1 and the monitoring data are provided in Appendix G.

Table 4.1 Summary of Construction Noise Monitoring Results in the Reporting Period

	Average (dB(A))	Range (dB(A))	Limit Level (dB(A))
	L_{eq} (30 mins)	L_{eq} (30 mins)	L_{eq} (30 mins)
M2* (West Tai Wo)	67.8	65.5 – 69.7	75
M3# (Fanling Government Secondary School)	64.1	60.0 – 67.8	65/70

*+3dB(A) Façade correction included

Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.

- 4.1.3 The major noise sources during the noise monitoring included nearby road traffic noise.
- 4.1.4 No Action Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 – 1900 hours on normal weekdays was received and followed by Environmental Team in the reporting period.
- 4.1.5 One (1) Limit Level exceedance was recorded on 20 June 2019 for noise monitoring at M3 in the previous reporting month. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.
- 4.1.6 The graphical plots of the trends of the monitoring results are provided in Appendix G.

5 ADVICE ON THE SOLID AND LIQUID WASTE MANAGEMENT STATUS

- 5.1.1 As advised by the Contractor of Contract No. HY/2012/06, 7,295 m³ of inert C&D material was generated in the reporting period 113 m³ was broken concrete, 3,775 m³ was reused in the Contract, 1,752 m³ was reused in other Projects and 1,655 m³ was disposed as public fill to Tuen Mun 38. 345 kg of general refuse was disposed of at NENT landfill. 43,542 kg of metals, 289 kg of paper and 0 kg of plastics were collected by recycling Contractors, and 0 kg of chemical wastes were collected by licensed Contractors in the reporting period.
- 5.1.2 The actual amounts of different types of waste generated by the activities of the Project in the reporting quarter are summarized in Table 5.1.

Table 5.1 Summary of Waste Flow Table for Contract No. HY/2012/06

Waste Type	Actual Amount	Disposal/Reuse Locations
Inert C&D materials disposed as public fill	1,655 m ³	Tuen Mun 38
Broken concrete	113 m ³	Tuen Mun 38
C&D wastes disposed as general refuse	345 m ³	NENT Landfill
Paper/cardboard packaging	289 kg	Recycling Facilities
Plastics	0 kg	Recycling Facilities
Metals	43,542 kg	Recycling Facilities
C&D materials reused on site	3,775 m ³	Site Area
C&D materials reused in other projects	1,752 m ³	Other projects
Chemical wastes	0 kg	Licensed Contractors

6 SUMMARY OF EXCEEDANCES OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMIT

- 6.1.1 All 1-hour and 24-hour TSP monitoring results complied with the Action / Limit Levels in the reporting quarter.
- 6.1.2 No Action Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 – 1900 hours on normal weekdays was received and followed by Environmental Team in the reporting period.
- 6.1.3 One (1) Limit Level exceedance was recorded on 20 June 2019 for noise monitoring at M3 in the previous reporting month. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.

7 SUMMARY OF COMPLAINTS, NOTIFICATIONS OF SUMMONS AND SUCCESSFUL PROSECUTIONS

- 7.1.1 No complaint, notification of summons and successful prosecution was received in the reporting period.
- 7.1.2 The statistics on complaints, notifications of summons and successful prosecutions are summarized in Appendix H.
- 7.1.3 A 24-hour complaint hotline at 6628 8366 has been established for the Project. The hotline number is displayed at the site entrances, fencings and project signboards, as well as printed on publications such as newsletters for the public.

8 COMMENTS, RECOMMENDATIONS AND CONCLUSIONS

8.1 Comments

8.1.1 According to the environmental site inspections performed in the reporting period, the following comments are made to the Contractor for precautionary and rectification purposes:

Contract No. HY/2012/06

Air Quality Impact

- The Contractor was advised to affix proper NRMM label for all equipment before operation
- The Contractor was advised to cover the exposed stockpiles of dusty materials entirely with impervious sheeting for dust suppression.
- The Contractor was advised to spray the dry exposed area with water regularly for dust suppression.
- The Contractor was advised to cover the stockpile of more than 20 bags of cement entirely with impervious sheeting for dust suppression.

Construction Noise Impact

- Nil.

Water Quality Impact

- The Contractor was advised to provide drip tray for the chemical container to prevent potential leakage.
- The Contractor was advised to provide bunding to intercept surface runoff from the exposed earth to prevent leaking out of the site boundary.

Chemical and Waste Management

- The Contractor was advised to segregate the construction waste and general refuse and dispose of regularly.

Landscape and Visual Impact

- Nil.

Miscellaneous

- Nil.

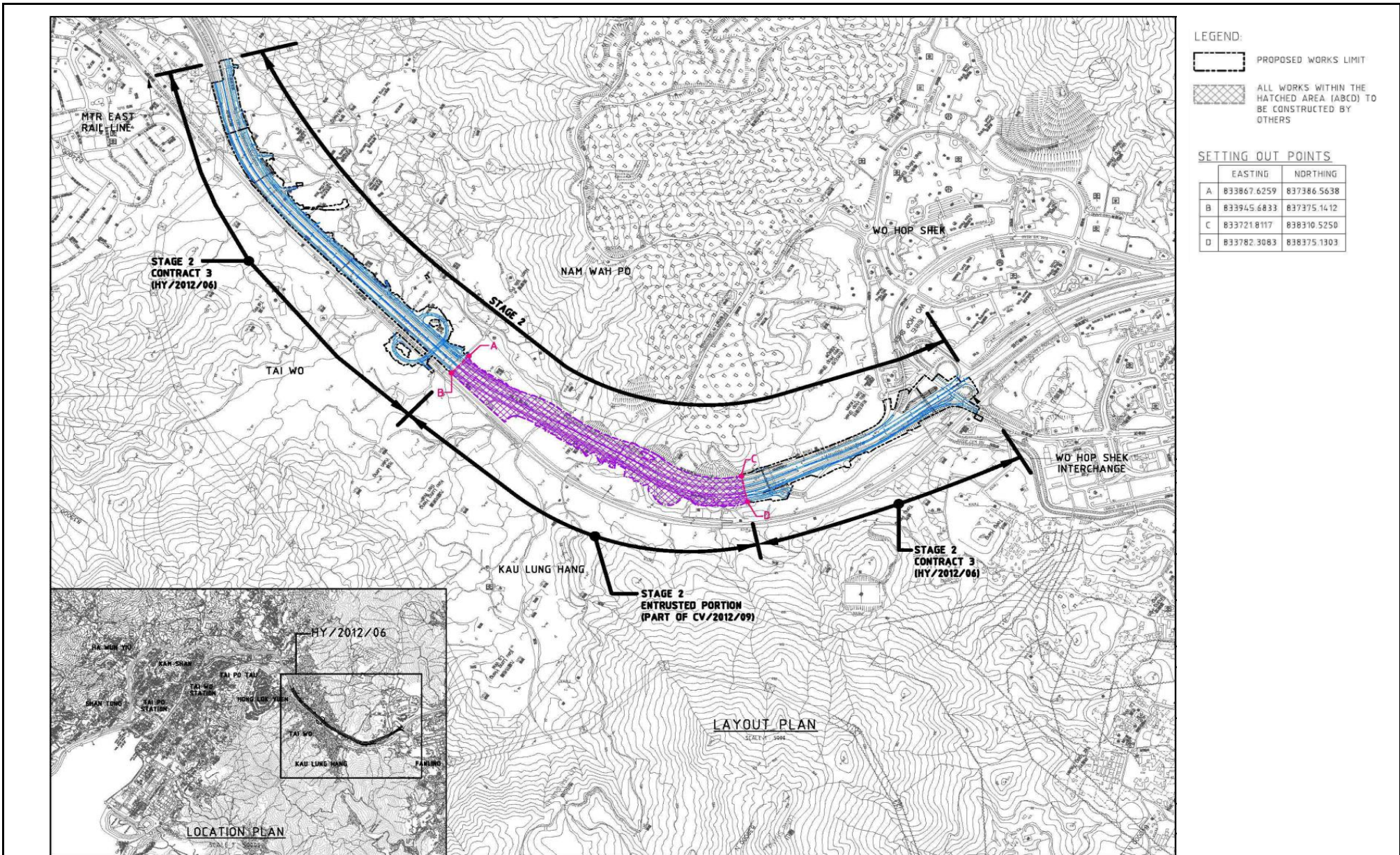
8.2 Recommendations

- 8.2.1 The impact air quality and noise monitoring programme ensures that any deterioration in environmental condition is readily detected and timely actions are taken to rectify any non-compliances. Assessment and analysis of monitoring results collected demonstrated the environmental acceptability of the Project. The weekly environmental site inspections ensure that all the environmental mitigation measures recommended in the ERR are effectively implemented.
- 8.2.2 The EM&A programme effectively monitored the environmental impacts from the construction activities and no particular recommendations were advised for the improvement of the programme.

8.3 Conclusions

- 8.3.1 All 1-hour and 24-hour TSP monitoring results complied with the Action / Limit Levels in the reporting quarter.
- 8.3.2 No Action Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 – 1900 hours on normal weekdays was received and followed by Environmental Team in the reporting period.
- 8.3.3 One (1) Limit Level exceedance was recorded on 20 June 2019 for noise monitoring at M3 in the previous reporting month. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.
- 8.3.4 No complaint, notification of summons and successful prosecution was received in the reporting period.

FIGURES



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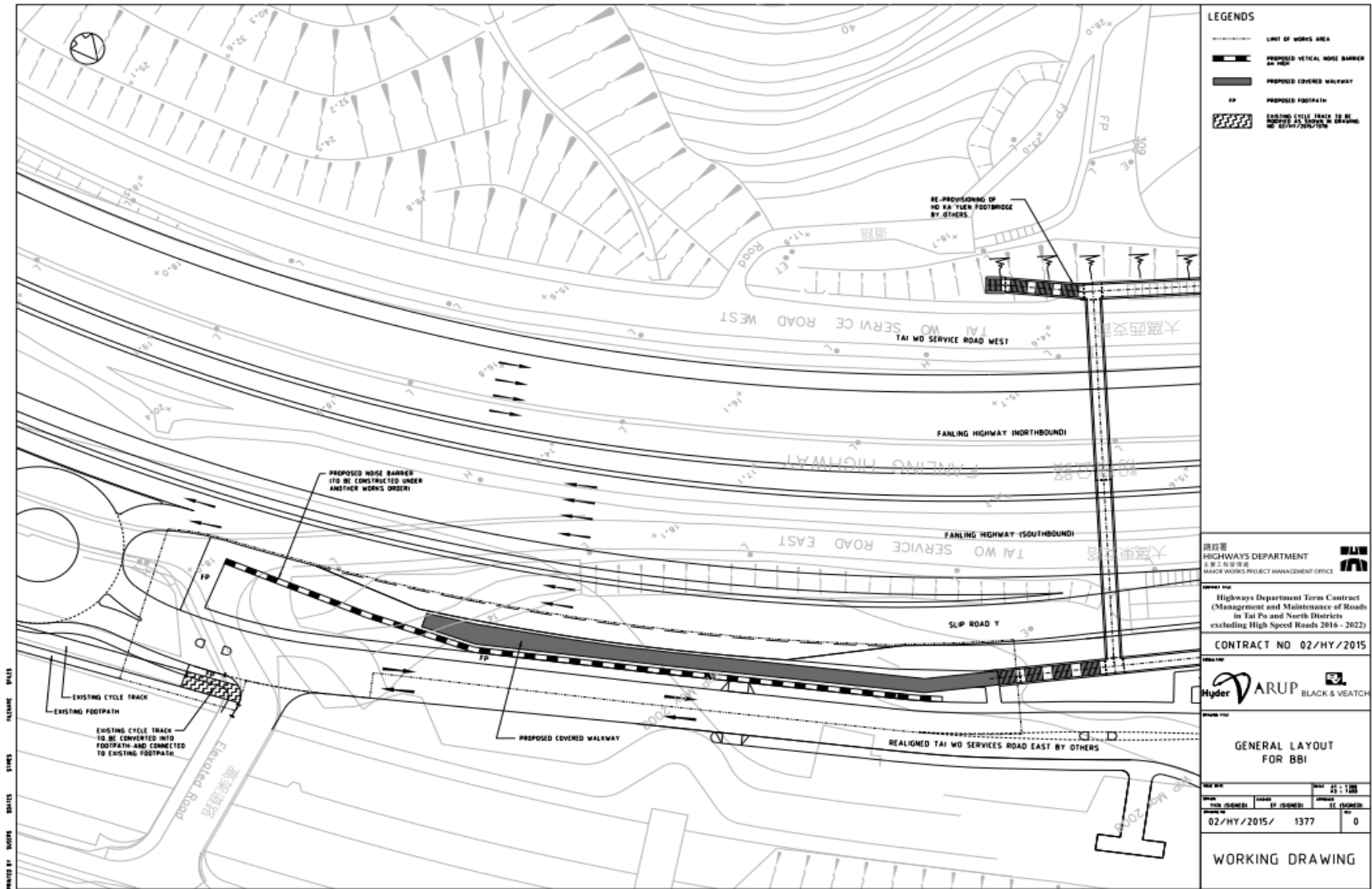
CONTRACT NO. HY/2012/06
 WIDENING OF FANLING HIGHWAY
 - TAI HANG TO WO HOP SHEK INTERCHANGE



Layout Plan

Date: Dec 2013

Figure 1.1



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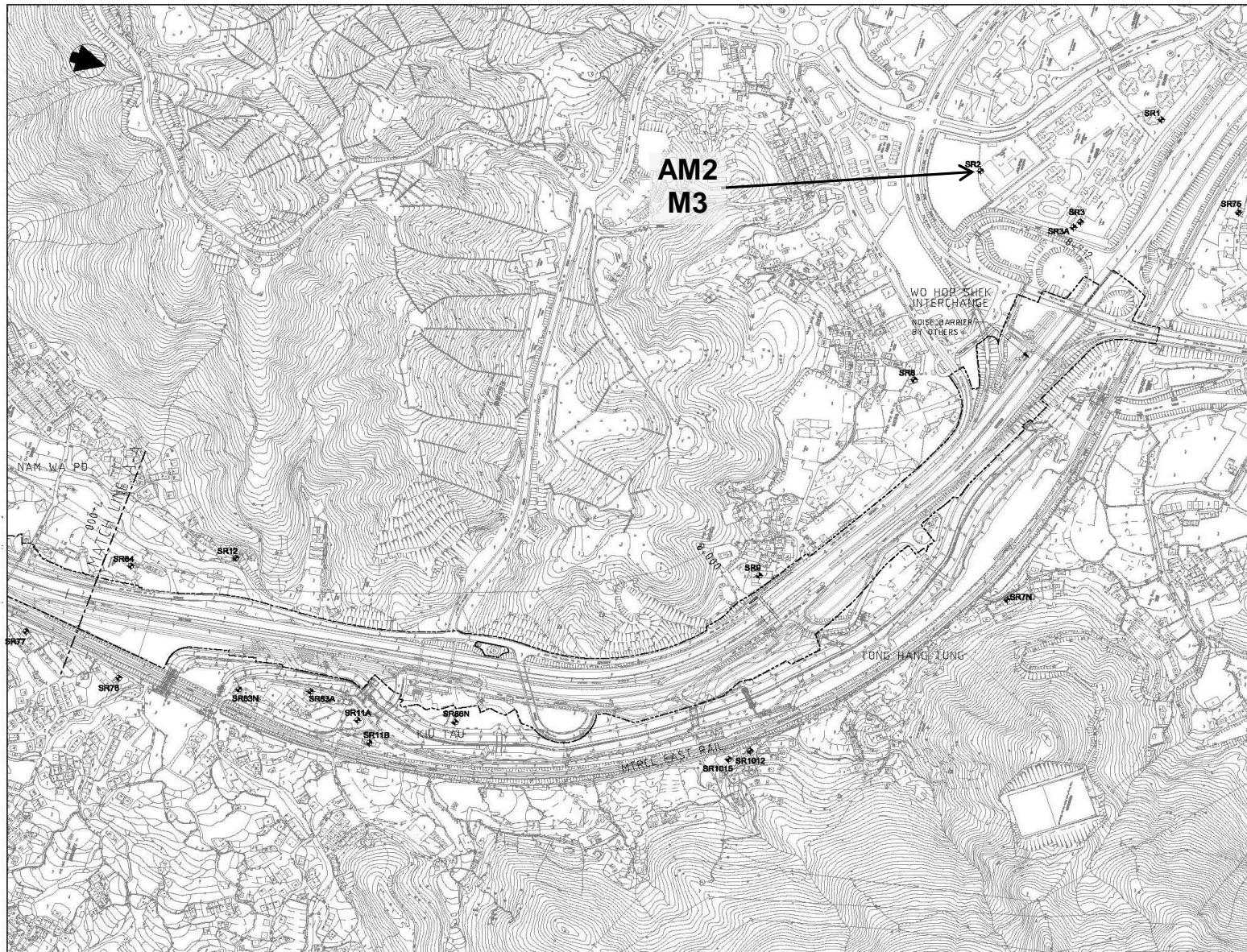
CONTRACT NO. 02/HY/2015
 PROVISION OF BUS-BUS INTERCHANGE ON FANLING HIGHWAY KOWLOON BOUND



Layout Plan

Date: Apr 2017

Figure 1.2



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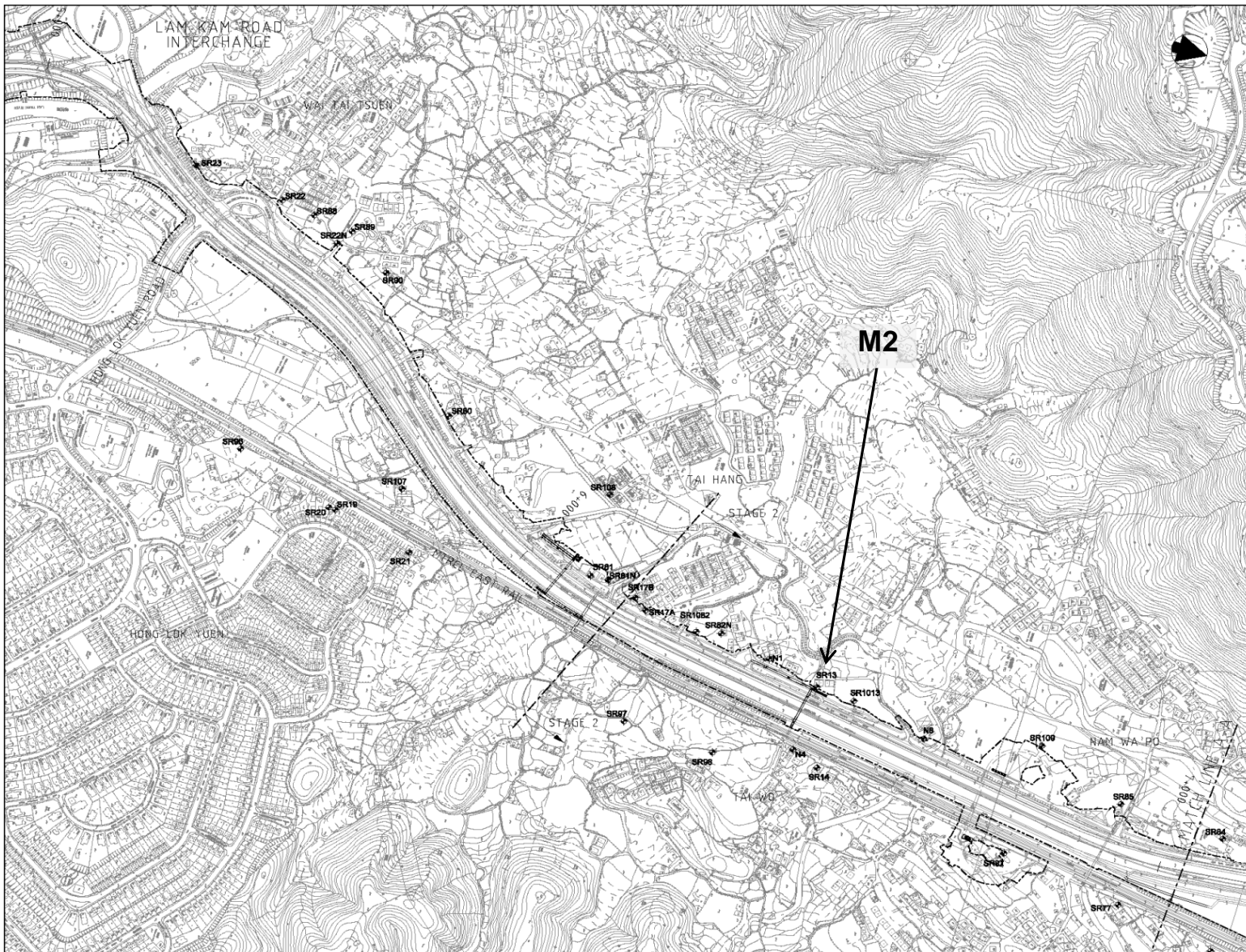
CONTRACT NO. HY/2012/06
 WIDENING OF FANLING HIGHWAY
 - TAI HANG TO WO HOP SHEK INTERCHANGE



Locations of Monitoring Station

Date: Dec 2013

Figure 1.3a



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CONTRACT NO. HY/2012/06
 WIDENING OF FANLING HIGHWAY
 - TAI HANG TO WO HOP SHEK INTERCHANGE

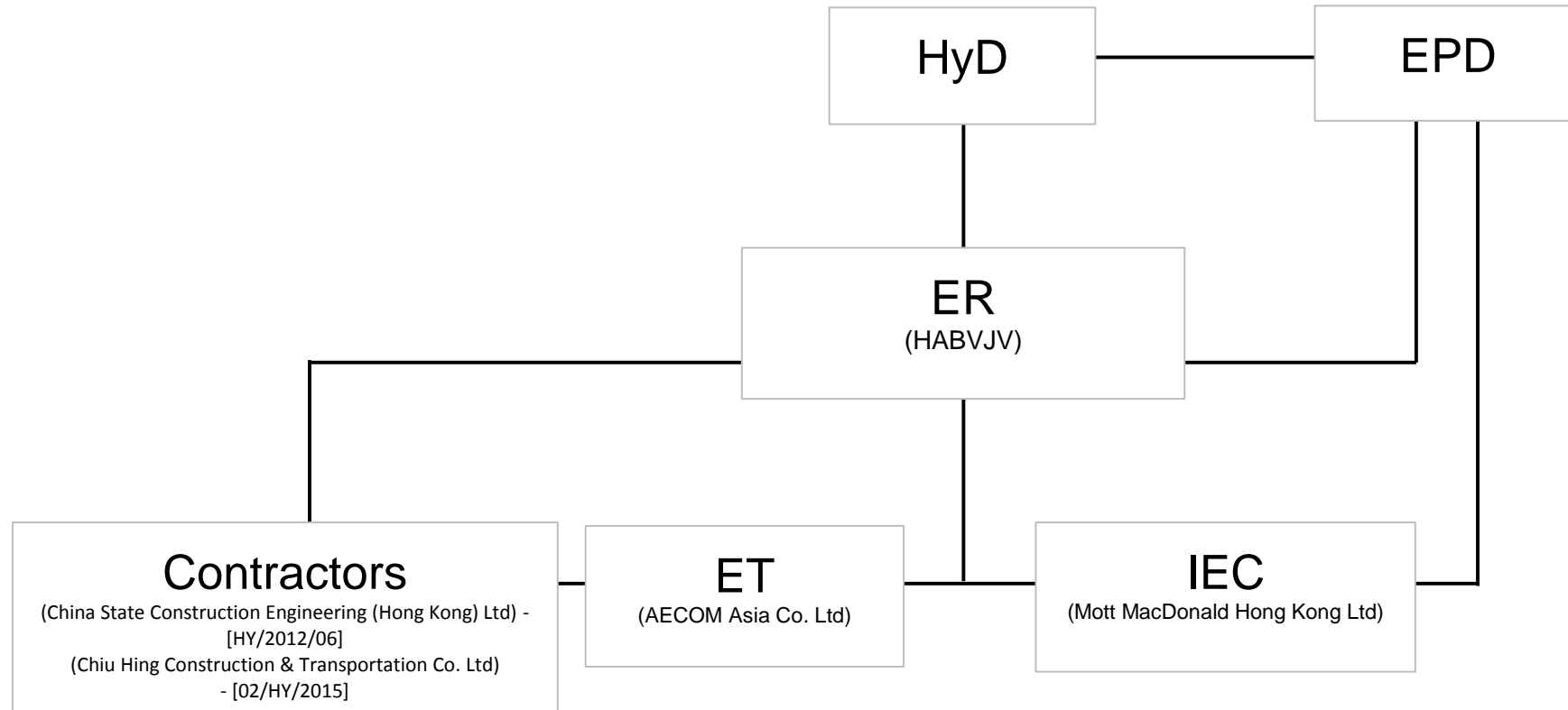


Locations of Monitoring Station

Date: Dec 2013

Figure 1.3b

**APPENDIX A
PROJECT ORGANIZATION STRUCTURE**



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CONTRACT NO. HY/2012/06
 WIDENING OF FANLING HIGHWAY
 - TAI HANG TO WO HOP SHEK INTERCHANGE



Project Organization Structure

**APPENDIX B
CONSTRUCTION PROGRAMMES**

**CONSTRUCTION PROGRAMME OF
MAY 2019**

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								May	Jun	Jul	Aug
Contract Condition											
General											
Contract Condition											
Contract Condition											
KD01	KD-1(1948d)- Section Subject to Excision comprises all works(excl. land	0%	0	0		30-May-19	0				30-May-19* ◆ KD-1(1948d)- Section Subject to Excision comprises all works(excl. land
KD05	KD-5 (1978d) - Section Subject to Excision comprise Landscape	0%	0	0		13-Jun-19*	-3				13-Jun-19* ◆ KD-5 (1978d)- Section Subject to Excision comprise Lands
ZONE 1 (Ch. 5640 to 5880)											
Noise Barrier Along Fanling Highway N/B											
Site Clearance & Demolition of Existing Structure											
General											
ADVZ10130	Zone 1 - Noise Barrier at FH N/B complete	0%	0	0		24-May-19	5				24-May-19 ◆ Zone 1 - Noise Barrier at FH N/B complete
NB43B (Ch.5640-5880)-FH N/B Side											
Noise Barrier Works											
NB01217	NB43B-1 - Footing & Wall Structure (bay 1-2)	90.38%	5	52	20-Mar-19 A	24-May-19	0				
NB01250	NB43B-1 - NB post & panel installation	0%	5	5	25-May-19	30-May-19	0				
TWSR-West Construction											
Drainage & Road Works											
Ch 5640-5880											
RDZ10100	Z1: New Tai Wo Service Road West - Drainage & Road works near N/B	95.87%	10	242	07-Aug-18 A	30-May-19	0				
Fanling Highway Construction											
Drainage & Road Works											
Ch 5640-5880											
RDZ11080	Z1 (Ch5640-5880) : Fanling Highway S/B - road works (lane 1)	71.43%	8	28	25-Apr-19 A	28-May-19	2				
RDZ11090	Z1 (Ch5640-5880) : Fanling Highway Road works (8 lanes)	0%	0	0		28-May-19	2				28-May-19 ◆ Z1 (Ch5640-5880) : Fanling Highway Road works (8 lanes) complete
Other Works											
Landscape Softwork											
Landscape Works											
Z1.LW.1000	Landscape soft work Zone1	87.76%	18	147	08-Dec-18 A	10-Jun-19	0				
Establishment Works											
Establishment Works											
Z1.EW.1000	Establishment work Zone1	0%	365	365	11-Jun-19	09-Jun-20	0				
ZONE 2 (Ch. 5880 to 6930)											
General											
DRM Proposal											
DRM Proposal											
ADVZ20290	NB at FLHY N/B construction Period (Zone 2)	91.3%	42	483	20-Nov-17 A	09-Jul-19	-86				
ADVZ20300	TWSR-W lane 2 construction	0%	50	50	10-Jul-19	05-Sep-19	-86				
ADVZ20310	NB at FLHY N/B construction Period (Zone 1)	98.96%	5	483	05-Oct-17 A	24-May-19	5				
Noise Barrier Along Fanling Highway N/B											
Site Clearance & Demolition of Existing Structure											
General											
ADVZ20170	Zone 2 - Noise Barrier at FH N/B backfilling complete	0%	0	0		09-Jul-19	-86				09-Jul-19 ◆ Zone 2 - Noise Barrier at FH N/B ba
ADVZ20270	Zone 2 - Noise Barrier at FH N/B complete (Without Buffer Zone)	0%	0	0		09-Jul-19	-86				09-Jul-19 ◆ Zone 2 - Noise Barrier at FH N/B cor
NB43A (Ch.5880-6060)-FH N/B Side											
Noise Barrier Works											
NB01600	NB43A-2 - NB post & panel installation	0%	5	5	07-Aug-19	12-Aug-19	-39				
NB03330	Bus Shelter footing at NB43A - VO86	0%	19	19	10-Jun-19*	02-Jul-19	-39				
NB03340	Relocate Bus Shelter installation - VO86	0%	30	30	03-Jul-19	06-Aug-19	-39				
NB50 (Ch.6060-6130)-FH N/B Side											
Noise Barrier Works											
NB001175	NB50 - Drainage Works	61.9%	24	63	29-Mar-19 A	17-Jun-19	-86				
NB001180	NB50 -backfilling	0%	12	12	25-Jun-19	09-Jul-19	-86				
NB001200	NB50 -NB post & panel installation	0%	5	5	10-Jul-19	15-Jul-19	-15				
NB17571	NB50 - Drainage Works (VO on 14-6-18 - add 1 manhole)	0%	6	6	18-Jun-19	24-Jun-19	-86				
NB50A (Ch.6130-6450)-FH N/B Side											
Noise Barrier Works											
NB001270	NB50A - ID2-2 NB post & panel installation	0%	5	5	20-May-19	24-May-19	27				
NB01630	NB50A-1 - backfilling	0%	12	12	20-May-19	01-Jun-19	-56				
NB01650	NB50A-1 - NB post & panel installation	0%	5	5	03-Jun-19	08-Jun-19	15				
NB01700	NB50A-2 - NB post & panel installation	0%	5	5	20-May-19	24-May-19	27				
NB01750	NB50A-3 - NB post & panel installation	0%	5	5	20-May-19	24-May-19	27				
NB60 (Ch.6450-6920)-FH N/B Side											
Noise Barrier Works											
NB01755	NB60-1 (0-15m) - Sheet piling & Excavation	0%	6	6	20-May-19 A	25-May-19	4				
NB01757	NB60-1 (0-15m) - Footing & Wall Structure	0%	12	12	27-May-19*	10-Jun-19	4				
NB017571	NB60-1 (0-15m) - Drainage Works	0%	6	6	03-Jun-19	10-Jun-19	4				
NB01758	NB60-1 (0-15m) - Backfilling	0%	5	5	11-Jun-19	15-Jun-19	4				
NB01759	NB60-1 (0-15m) - NB post & panel installation	0%	5	5	17-Jun-19	21-Jun-19	4				
NB01820	NB60-1 - NB post & panel installation	0%	5	5	20-May-19	24-May-19	27				
NB01890	NB60-2 - NB post & panel installation	87.5%	5	40	03-Apr-19 A	24-May-19	27				
NB01960	NB60-ID3-2 - NB post & panel installation	90.38%	5	52	20-Mar-19 A	24-May-19	27				

	Project ID:WP Rev 07 (1905)	Contract No. HY/2012/06 Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange 3 Month Rolling Program(20-May-19)		Date	Revision	C/A...
	Layout: 3 Month Rolling Program			08-Nov-16	WP Rev 4	
	Page 1 of 5			17-Aug-17	WP Rev 5	
				28-Mar-18	WP Rev 6	
				27-Nov-18	WP Rev 6A	
	15-Jan-19	WP Rev 7				

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								May	Jun	Jul	Aug
								Gantt Chart			
NB02022	NB60-3 - NB post & panel installation	81.48%	5	27	23-Apr-19 A	24-May-19	27				
Underground Utility Works											
Underground Utility Works											
UU0110	Towngas duct laying and associated work before backfill in Zone 1 & 2	97.77%	9	404	20-Apr-18 A	28-May-19	-62				
Bridge Construction											
New Tai Hang Footbridge											
General											
THBF0655	Tai Hang Footbridge Complete	0%	0	0			-2	28-Jun-19 ◆ Tai Hang Footbridge Complete			
TWSR-West/ FL Highway N/B Side Section											
THBF0620	Finishes Work	95.09%	34	692	27-Feb-17 A	28-Jun-19	-2				
THBF0625	Bridge Structure complete (THFB-TWSR-W side)	0%	0	0			-2	28-Jun-19 ◆ Bridge Structure complete (THFB-TWSR-W side)			
Crossing Fanling Highway Section											
THBF0590	Finishes Work	88.89%	34	306	20-Jun-18 A	28-Jun-19	-2				
THBF0600	Bridge Structure complete (THFB-Cross fanling highway)	0%	0	0			-2	28-Jun-19 ◆ Bridge Structure complete (THFB-Cross fanling highway)			
TWSR-East FL Highway S/B Side Section											
THBF0640	Finishes Work	0%	30	30	20-May-19	24-Jun-19	2				
THBF0645	Bridge Structure complete (THFB-TWSR-E side)	0%	0	0			2	24-Jun-19 ◆ Bridge Structure complete (THFB-TWSR-E side)			
THBF0800	ABWF work	0%	30	30	20-May-19*	24-Jun-19	2				
Lift at TWSR-W Side											
L1580	EMSD inspection & approval	0%	28	28	20-May-19	16-Jun-19	10				
L1590	E&M and Finishes work	74.8%	32	127	21-Jan-19 A	26-Jun-19	0				
L1610	Lift available - NF115-Lift 1	0%	0	0			0	26-Jun-19 ◆ Lift available - NF115-Lift 1			
L1800	THFB Completion Date	0%	0	0			-2	28-Jun-19 ◆ THFB Completion Date			
Lift at FLHY S/B											
L1400	Roof cover for RC Platform	0%	30	30	20-May-19	24-Jun-19	-58				
L1410	Lift installation (NF78)	65.15%	23	66	25-Mar-19 A	15-Jun-19	-26				
L1420	Lift T&C	0%	14	14	15-Jun-19	29-Jun-19	-31				
L1430	EMSD inspection & approval	0%	28	28	29-Jun-19	27-Jul-19	-31				
L1440	E&M and Finishes work	0%	60	60	25-Jun-19	03-Sep-19	-58				
L1450	CLP Power available (by CLP)	98.79%	13	1076	21-Jun-16 A	01-Jun-19	-17				
L1490	THFB Completion Date	0%	0	0			-2	28-Jun-19 ◆ THFB Completion Date			
New Tai Wo Footbridge											
TWSR-West/ FL Highway N/B Side Section											
TWFB1390	Finishes Work	91.09%	58	651	20-May-17 A	27-Jul-19	-40				
TWFB1400	Bridge Structure complete (TWFB-TWSR-W side)	0%	0	0			-40	27-Jul-19 ◆ Bridge Structure complete (TWFB-TWSR-W side)			
Crossing Fanling Highway Section											
TWFB1460	Finishes Work	38.37%	53	86	06-Apr-19 A	22-Jul-19	-35				
TWFB1470	Bridge Structure complete (TWFB-Cross fanling highway)	0%	0	0			-35	22-Jul-19 ◆ Bridge Structure complete (TWFB-Cross fanling highway)			
Lift at TWSR-W Side											
L1710	Glass canopy on ground level	65.52%	30	87	08-Mar-19 A	24-Jun-19	-49				
L1740	Lift installation	5.71%	66	70	15-May-19 A	06-Aug-19	-85				
L1750	Lift T&C	0%	14	14	07-Aug-19	22-Aug-19	-85				
L1770	E&M and Finishes work	18.33%	98	120	23-Apr-19 A	12-Sep-19	-80				
Signalized Junction											
New Tai Hang Footbridge											
TWSR-West/ FL Highway N/B Side Section											
THBF0630	Installation of Traffic Signal Poles at TWSR-W N/B (Tai hang Junction)	0%	21	21	20-Jul-19	13-Aug-19	-61				
THBF0650	Ducting & Cable Draw Installation (Tai hang Junction)	25%	30	40	08-May-19 A	24-Jun-19	-61				
THBF0660	Installation of Traffic Signal Poles at TWSR-W S/B (Tai hang Junction)	0%	21	21	25-Jun-19	19-Jul-19	-61				
THBF0670	E-prom ordering by EMSD (Tai hang Junction)	86.64%	29	217	20-Nov-18 A	24-Jun-19	-27				
THBF0680	Ducting & cable draw inspection by EMSD (Tai hang Junction)	0%	6	6	25-Jun-19	02-Jul-19	-22				
THBF0690	Ducting & cable draw rectification (Tai hang Junction)	0%	12	12	03-Jul-19	16-Jul-19	-22				
THBF0692	PCCW cable installation & connection (Tai hang Junction)	0%	6	6	14-Aug-19	20-Aug-19	-46				
THBF0694	EMSD cable & equipment installation (Tai hang Junction)	0%	21	21	14-Aug-19	06-Sep-19	-61				
TWSR-West Construction											
Drainage & Road Works											
Ch 5880-6740											
RDZ20170	Z2 : New TWSR-West road Works (lane 2)	0%	50	50	10-Jul-19	05-Sep-19	-86				
Noise Barrier Along Fanling Highway S/B											
NB51 (Ch.5935-6055)-FH S/B Side											
Noise Barrier Works											
NB02310	NB51 ID1-3 (0-25m) - NB post & panel installation	0%	5	5	20-May-19*	24-May-19	27				
NB03370	NB51(bay 15) - NB post & panel installation	0%	5	5	20-May-19	24-May-19	27				
NB52 (Ch.6055-6125) -FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB03390	NB52 (bay 21) - NB post & panel installation	0%	5	5	20-May-19*	24-May-19	27				
NB53 (Ch.6125-6300) -FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB02480	NB53 (0-100m) - NB post & panel installation	0%	5	5	20-May-19	24-May-19	27				
NB02540	NB53 ID2-3 (100-125m) - NB production	44.19%	24	43	01-May-19 A	12-Jun-19	8				
NB02550	NB53 ID2-3 (100-125m) - NB post & panel installation	0%	5	5	13-Jun-19	18-Jun-19	7				
NB02572	NB53 (125-180m) - Drainage Works	0%	18	18	18-Jun-19	09-Jul-19	-22				
NB02574	NB53 (125-180m) - Drainage Works (VO on 14-6-18 - add 2 manhole)	0%	12	12	10-Jul-19	23-Jul-19	-22				
NB02600	NB53 (125-180m) - NB post & panel installation	0%	5	5	20-May-19*	24-May-19	27				
NB55 (Ch.6300-6360)-FH S/B Side (MTRC I&P Area)											

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019				
								May	Jun	Jul	Aug	
Noise Barrier Works												
NB02642	NB55 - Drainage Works	0%	18	18	20-May-19	10-Jun-19	-22					
NB02644	NB55 - Drainage Works (VO on 14-6-18 - add 1 manhole)	0%	6	6	11-Jun-19	17-Jun-19	-22					
NB02670	NB55 - NB post & panel installation	0%	5	5	20-May-19*	24-May-19	27					
NB56 (Ch.6360-6400)-FH S/B Side (MTRC I&P Area)												
Noise Barrier Works												
NB02712	NB56 - Drainage Works	0%	6	6	11-Jun-19	17-Jun-19	-16					
NB02714	NB56 - Drainage Works (VO on 14-6-18 - add 4 manhole)	0%	24	24	18-Jun-19	16-Jul-19	-16					
NB02740	NB56 - NB post & panel installation	0%	5	5	20-May-19*	24-May-19	27					
NB61 (Ch.6400-6560)-FH S/B Side (MTRC I&P Area)												
Noise Barrier Works												
NB02784	NB61 (0-50m) - Drainage Works (VO on 14-6-18 - add 3 manhole)	0%	18	18	20-May-19	10-Jun-19	-16					
NB02860	NB61 (50-160m) - NB post & panel installation	0%	5	5	20-May-19*	24-May-19	27					
NB61A (Ch.6560-6745)-FH S/B Side (MTRC I&P Area)												
Noise Barrier Works												
NB02930	NB61A (0-50m) - NB post & panel installation	0%	5	5	20-May-19	24-May-19	27					
NB02990	NB61A ID2-3 (50-75m) - NB production	66.67%	15	45	20-Apr-19 A	03-Jun-19	17					
NB03000	NB61A ID2-3 (50-75m) - NB post & panel installation	0%	5	5	04-Jun-19	10-Jun-19	14					
NB03024	NB61A (75-190m) - Drainage Works (VO on 16-10-18 - add 4 manhole)	80.19%	21	106	01-Feb-19 A	13-Jun-19	11					
NB03050	NB61A (75-190m) - NB post & panel installation	93.35%	22	331	05-May-18 A	14-Jun-19	10					
Fanling Highway Construction												
Drainage & Road Works												
Ch 5880-6740												
RDZ41270	Z2 (CH5880-6740) : Fanling Highway S/B - road works (lane 1)	0%	90	90	20-May-19	03-Sep-19	-58					
Other Works												
TCSS Works												
TCSS Pre-Construction Works												
TCSS0170	Sign Gantry Factory production - AADS1	0%	30	30	25-Jun-19	30-Jul-19	-67					
TCSS0190	Sign Gantry Factory production - ADS1	0%	30	30	03-Jun-19	09-Jul-19	-67					
TCSS0200	Sign Gantry Factory production - FADS1	50%	23	46	18-Apr-19 A	15-Jun-19	-66					
TCSS0210	Sign Gantry Factory production - G55	84.21%	6	38	07-Apr-19 A	25-May-19	-67					
TCSS0220	Sign Gantry Factory production - G54	50%	23	46	18-Apr-19 A	15-Jun-19	-9					
AADS1												
TCSS1670	Sign Gantry Erection - AADS1	0%	21	21	31-Jul-19	23-Aug-19	-67					
FVMS1 (Deleted by DWG HY/2012/06/SK/0866)												
TCSS1420	Slow lane footing -FVMS1 (NB50A)	0%	0	0		20-May-19	484					
ADS1												
TCSS1440	Slow lane footing - ADS1 (NB50A)	0%	0	0		20-May-19	-25					
TCSS1990	Sign Gantry Erection - ADS1	0%	18	18	10-Jul-19	30-Jul-19	-67					
FADS1												
TCSS2060	Sign Gantry Erection - FADS1	0%	18	18	18-Jun-19	09-Jul-19	-67					
G55												
TCSS1750	Sign Gantry Erection - G55	0%	18	18	27-May-19	17-Jun-19	-67					
Landscape Softwork												
Landscape Works												
Z2.LW.1000	Landscape soft work Zone2	0%	120	120	20-May-19	11-Oct-19	-57					
Pai Lau in Tai Hang (VO126)												
Pai Lau in Tai Hang (VO126)												
Pai Lau in Tai Hang (VO126)												
PL00995	VO126 Suspension on 20-Feb-19 (HY/2012/06)/M15/220.126(5)	85.54%	12	83	20-Feb-19 A	01-Jun-19	-124					
PL01000	Works area access date (14-Dec-2018)	0%	0	0	03-Jun-19		-124					
PL01010	CLP relocation of Overhead Cable	0%	12	12	20-May-19*	01-Jun-19	-94					
PL01020	Excavation	0%	12	12	03-Jun-19	17-Jun-19	-124					
PL01030	Footing	0%	12	12	18-Jun-19	02-Jul-19	-124					
PL01040	backfill	0%	6	6	03-Jul-19	09-Jul-19	-124					
PL01050	Pai Lau Superstructure	0%	65	65	10-Jul-19	24-Sep-19	-124					
PL01060	Material submission for finishes works	88.27%	21	179	05-Nov-18 A	13-Jun-19	-113					
PL01070	Material submission approval	0%	30	30	14-Jun-19	19-Jul-19	-113					
PL01080	Material Order & delivery on site	0%	45	45	20-Jul-19	10-Sep-19	-113					
South Buffer Zone 1 (SBZ1) (within Zone 2)(Ch.6740 to 6930)												
Noise Barrier Along Fanling Highway N/B												
NB60 (Ch.6450-6920)-FH N/B Side												
Noise Barrier Works												
NB02082	NB60-4 - NB post & panel installation	90.38%	5	52	20-Mar-19 A	24-May-19	27					
NB02125	NB60-5 (408-468m) - Drainage Works	70.11%	26	87	04-Mar-19 A	19-Jun-19	-82					
NB02130	NB60-5 - backfilling	0%	12	12	20-Jun-19	04-Jul-19	-82					
NB66 (Ch.6920-6930)-FH N/B Side												
Noise Barrier Works												
NB02190	NB66 - NB post & panel installation	90.38%	5	52	20-Mar-19 A	24-May-19	27					
Bridge Construction												
Kau Lung Hang Vehicular Bridge												
KLH Bridge - West Ramp												
KLH.1290	West Ramp - Planting	0%	21	21	20-May-19	13-Jun-19	11					
KLH Bridge - Deck 1												
KLH.3430	Deck 1 - Planting	0%	21	21	20-May-19	13-Jun-19	11					
KLH Bridge - Deck 3												

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								May	Jun	Jul	Aug
								Gantt Chart			
KLH.3500	Deck 3 - Planting	0%	21	21	20-May-19	13-Jun-19	-3				
KLH Bridge - East Ramp											
KLH.3590	East Ramp - Planting	0%	34	34	20-May-19	28-Jun-19	450				
KLH Bridge - Ramp R2											
Z2.KLH.1550	Ramp R2 - Steel roof	97.14%	19	664	14-Mar-17 A	11-Jun-19	13				
KLH Bridge - Staircase S1											
Z2.KLH.1490	S1 - RC deck slab	0%	12	12	20-May-19	01-Jun-19	-40				
Z2.KLH.1500	S1 - Roof steel frame installation	0%	30	30	03-Jun-19	09-Jul-19	-40				
Z2.KLH.1750	S1 - Corrugated steel roof	0%	18	18	10-Jul-19	30-Jul-19	-40				
Z2.KLH.1760	S1 - Handrail	0%	12	12	31-Jul-19	13-Aug-19	-40				
Z2.KLH.1770	S1 - Lighting & finishes works	0%	12	12	31-Jul-19	13-Aug-19	-40				
Bridge Road Work											
Z2.KLH.2040	Landscape work of KLHVB	36.67%	38	60	23-Apr-19 A	04-Jul-19	-6				
Lift at TWSR-W Side											
L01110	Lift T&C	17.65%	14	17	16-May-19 A	04-Jun-19	12				
L01120	EMSD inspection & approval (Assume 7 days is required instead)	0%	7	7	05-Jun-19	11-Jun-19	15				
L01130	Finishes work	53.41%	41	88	20-Mar-19 A	08-Jul-19	-9				
L01150	Lift available - NF117-Lift 1	0%	0	0		08-Jul-19	-9				08-Jul-19 ♦ Lift available - NF117-Lift 1
Signalized Junction											
Kau Lung Hang Vehicular Bridge											
KLH Bridge - West Ramp											
Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	0%	21	21	28-Jun-19	23-Jul-19	-43				
Z2.KLH.1042	Ducting & Cable Draw Installation (KLHVB)	76.92%	12	52	28-Mar-19 A	01-Jun-19	-43				
Z2.KLH.1052	Installation of Traffic Signal Poles at TWSR-W S/B (KLHVB)	0%	21	21	03-Jun-19	27-Jun-19	-43				
Z2.KLH.1072	Ducting & cable draw inspection by EMSD (KLHVB)	0%	6	6	03-Jun-19	10-Jun-19	-10				
Z2.KLH.1082	Ducting & cable draw rectification (KLHVB)	0%	12	12	11-Jun-19	24-Jun-19	-10				
Z2.KLH.1092	PCCW cable installation & connection (KLHVB)	0%	6	6	24-Jul-19	30-Jul-19	-34				
Z2.KLH.1102	EMSD cable & equipment installation (KLHVB)	0%	21	21	24-Jul-19	16-Aug-19	-43				
Z2.KLH.1112	Traffic Signal Installation complete (KLHVB)	0%	0	0		16-Aug-19	-43				16-Aug-19 ♦ T
Noise Barrier Along Fanling Highway S/B											
NB62 (Ch.6745-6910)-FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB03170	NB62 (80-110m) Under bridge - NB post & panel installation	85.93%	28	199	20-Oct-18 A	21-Jun-19	4				
Fanling Highway Construction											
Drainage & Road Works											
Ch 6740-6930											
RDZ20520	Z2 (CH6740-6930) : Fanling Highway S/B - road works (lane 1)	8.33%	22	24	17-May-19 A	14-Jun-19	10				
North Buffer Zone 2 (NBZ2) (within Zone 4) (Ch. 7925 to 8100)											
Bridge Construction											
New Ho Ka Yuen Footbridge											
TWSR-West/ FL Highway N/B Side Section											
HKY1520	VO11 - slope improvement work	0%	45	45	20-May-19	12-Jul-19	-21				
ZONE 4 (Ch. 7925 to 8700)											
Noise Barrier Along TWSR-West and Laying New Utilities											
Underground Utility Works											
DN450 DI Watermain "A" (Ch 1989-2529)											
DI0210	DN450 DI watermain laying at TWSR-W (CHA 2020)	16.67%	15	18	16-May-19 A	05-Jun-19	-54				
DI0220	DN450 DI watermain laying at TWSR-W (CHA 2070)	0%	15	15	06-Jun-19	24-Jun-19	-54				
DI0230	DN450 DI watermain laying at TWSR-W (CHA 2200)	0%	15	15	25-Jun-19	12-Jul-19	-54				
DI0240	DN450 DI watermain laying at TWSR-W (CHA 2370)	0%	15	15	13-Jul-19	30-Jul-19	-54				
Bridge Construction											
New Wo Hop Shek Pedstrian & Cycle Bridge											
General											
WHS1110	Wo Hop Shek Bridge Complete	0%	0	0		17-Jun-19	0				17-Jun-19 ♦ Wo Hop Shek Bridge Complete
TWSR-West/ FL Highway N/B Side Section											
WHS1420	Ramp Finishes Work	91.34%	24	277	13-Jul-18 A	17-Jun-19	0				
WHS1430	Bridge Structure complete (WHS-TWSR-W side)	0%	0	0		17-Jun-19	0				17-Jun-19 ♦ Bridge Structure complete (WHS-TWSR-W side)
VO152 - Additional Retaining Wall in Zone 4 Near at Grade Cycle Track and Footpath at \											
Cycle Track											
WHS1460	TTA for closure of slip Y lane 1 for material delivery	0%	3	3	08-Jun-19	11-Jun-19	-192				
WHS1560	Retaining Wall construction	0%	24	24	12-Jun-19	10-Jul-19	-192				
WHS1570	Concrete Footing for railing	0%	10	10	11-Jul-19	22-Jul-19	-192				
WHS1580	Concrete Footing for Expressway boundary fence	0%	10	10	23-Jul-19	02-Aug-19	-192				
WHS1590	300 U-channel	0%	12	12	03-Aug-19	16-Aug-19	-144				
WHS1600	backfill	0%	3	3	17-Aug-19	20-Aug-19	-144				
Footpath											
WHS2150	Concrete Footing for railing	0%	15	15	03-Aug-19	20-Aug-19	-192				
TWSR-West Construction											
Drainage & Road Works											
TWSR-West/ FL Highway N/B Side Section											
RDZ41180	TWSR -W Road Works rectification	0%	18	18	31-Jul-19	20-Aug-19	-54				
Slip Road Y Construction											
Drainage & Road Works											
TWSR-East FL Highway S/B Side Section											
RDZ41080	Construct Slip Rd Y- 2nd lane (Ch8370-8650)(SA340) (Z4)	0%	16	16	20-May-19 A	06-Jun-19	-192				
RDZ41089	Slip Road Y (Ch7925-8650) complete	0%	0	0		06-Jun-19	-192				06-Jun-19 ♦ Slip Road Y (Ch7925-8650) complete
Fanling Highway Construction											

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019				
								May	Jun	Jul	Aug	
Drainage & Road Works												
TWSR-West/ FL Highway N/B Side Section												
RDZ41170	Complete Slip road V and associated slope work	0%	35	35	20-May-19	29-Jun-19	-11					
TWSR-East FL Highway S/B Side Section												
RDZ41150	Central Divider construction	79.31%	6	29	18-Apr-19 A	25-May-19	-30					
RDZ41160	Final pavement & final road marking	0%	18	18	27-May-19	17-Jun-19	-30					
Other Works												
TCSS Works												
TCSS Pre-Construction Works												
TCSS0180	Sign Gantry Factory production - FVMS1 (Deleted)	0%	0	0	20-May-19	20-May-19	484					
Civil Provision for TCSS Works												
TCSS2150	M12 for CCTV	0%	14	14	29-Jul-19	13-Aug-19	-62					
TCSS2160	P51 for VLSL	0%	14	14	14-Aug-19	29-Aug-19	-62					
TCSS2170	P52 for VLSL	0%	14	14	14-Aug-19	29-Aug-19	-62					
TCSS2210	Pillar box, isolator & associated duct work - PL207 for G34 & G35	0%	30	30	20-May-19	24-Jun-19	-96					
TCSS2220	Pillar box, isolator & associated duct work - PL252 for G52	0%	30	30	25-Jun-19	30-Jul-19	-96					
TCSS2230	Pillar box, isolator & associated duct work - PL251 for G51 & FL01	0%	30	30	31-Jul-19	03-Sep-19	-96					
TCSS2250	FL01 mounted on top of DS53	0%	30	30	20-May-19	24-Jun-19	-36					
TCSS2260	FL02 mounted on top of ADS52	0%	30	30	25-Jun-19	30-Jul-19	-36					
G35												
TCSS1810	Sign Gantry Erection - G35 (Z4)	20%	16	20	15-May-19 A	06-Jun-19	-62					
G36												
TCSS1570	latest date for Slow lane footing available - G36 (NB by other)	0%	0	0		03-Jul-19	-62					
TCSS1830	Sign Gantry Erection - G36 (Z4)	0%	21	21	04-Jul-19	27-Jul-19	-62					
DS50												
TCSS1850	Sign Gantry Erection - DS50 (Z4) (Deleted by Verbal instruction , VO is	0%	0	0	20-May-19	20-May-19	24					
FADS8												
TCSS1630	Fast lane footing - FADS8 (CH8220, S/B)	84.62%	4	26	23-Apr-19 A	23-May-19	-50					
TCSS1870	Sign Gantry Erection - FADS8 (Z4)	0%	21	21	08-Jun-19	03-Jul-19	-62					
TCSS Hub Room												
TCSS1900	TCSS Hub Room Structure	71.08%	24	83	06-Mar-19 A	17-Jun-19	-90					
TCSS1910	TCSS Hub Room Finishes	0%	45	45	18-Jun-19	09-Aug-19	-90					
TCSS1920	TCSS Hub Room BS provision	0%	45	45	10-Aug-19	03-Oct-19	-90					
VO Relocation of Traffic Sign at Pak Wo Road & Jockey Club Road												
VO Relocation of Traffic Sign at Pak Wo Road & Jockey Club Road												
TS01000	VO issue date (Assumed 21-Jan-19)	0%	0	0	20-May-19*		-95					
TS01010	XP application period - Pak Wo Road	92.97%	9	128	21-Jan-19 A	28-May-19	-126					
TS01030	TTA submission & approval	0%	30	30	20-May-19	24-Jun-19	-123					
TS01040	TTA	0%	2	2	25-Jun-19	26-Jun-19	-123					
TS01050	Sheet piling & excavation	0%	18	18	27-Jun-19	18-Jul-19	-123					
TS01060	Footing (FL02, ADS52)	0%	45	45	19-Jul-19	09-Sep-19	-123					
TS01110	TTA	0%	2	2	25-Jun-19	26-Jun-19	-84					
TS01120	Sheet piling & excavation	0%	12	12	27-Jun-19	11-Jul-19	-84					
TS01130	Footing (ADS51)	0%	30	30	12-Jul-19	15-Aug-19	-84					
TS01140	Post & sign installation (ADS51)	0%	10	10	16-Aug-19	27-Aug-19	-84					
TS1160	XP application period - Jockey Club Road	92.97%	9	128	21-Jan-19 A	28-May-19	-126					
TS1170	TTA submission & approval	0%	30	30	20-May-19	24-Jun-19	-123					
TS1180	TTA	0%	2	2	25-Jun-19	26-Jun-19	-123					
TS1190	Sheet piling & excavation	0%	18	18	27-Jun-19	18-Jul-19	-123					
TS1200	Footing (DS53, FL01)	0%	45	45	19-Jul-19	09-Sep-19	-123					
Ducting Works in Traffic Signalized Junction at Pak Wo Road												
WHS Interchange												
TSJ01005	VO issued Date (Assume 14-Jun-19)	0%	0	0	14-Jun-19*		0					
TSJ01006	Procurement & subletting	92.68%	9	123	26-Jan-19 A	27-Jun-19	-137					
TSJ01010	Site Clearance	0%	5	5	28-Jun-19	04-Jul-19	-137					
TSJ01020	Trial Pits excavation	0%	10	10	05-Jul-19	16-Jul-19	-137					
TSJ01030	Determination of proposed cable alignment	0%	14	14	17-Jul-19	01-Aug-19	-137					
TSJ01040	Duct Laying (Road Crossing) - Wo Hing Road	0%	9	9	02-Aug-19	12-Aug-19	-137					
TSJ01050	Duct Laying (Road Crossing) - Pak Wo Road	0%	42	42	13-Aug-19	02-Oct-19	-137					
Pak Wo Road and Jockey Club Road Junction												
TSJ01260	Existing MJ modified by HyD structure	77.08%	11	48	01-Apr-19 A	31-May-19	-27					
TSJ01270	Road Construction & reinstatement (new 2nd stage after MJ)	0%	35	35	01-Jun-19	13-Jul-19	-27					

**CONSTRUCTION PROGRAMME OF
JUNE 2019**

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								Jun	Jul	Aug	Sep
ZONE 1 (Ch. 5640 to 5880)											
Noise Barrier Along Fanling Highway N/B											
Site Clearance & Demolition of Existing Structure											
General											
ADVZ10130	Zone 1 - Noise Barrier at FH N/B complete	0%	0	0		29-Jun-19	449				29-Jun-19 ◆ Zone 1 - Noise Barrier at FH N/B complete
NB43B (Ch.5640-5880)-FH N/B Side											
Noise Barrier Works											
NB01217	NB43B-1 - Footing & Wall Structure (bay 1-2)	82.69%	9	52	20-Mar-19 A	29-Jun-19	444				
NB01250	NB43B-1 - NB post & panel installation	0%	5	5	02-Jul-19	06-Jul-19	444				
Other Works											
VO189 - Irrigation System in Zone 1 and Zone 2											
VO189 - Irrigation System in Zone 1 and Zone 2											
IS0110	Material submission to WSD & approval for VO189	0%	90	90	27-May-19 A	05-Oct-19	-150				
Landscape Softwork											
Landscape Works											
Z1.LW.1000	Landscape soft work Zone1	87.76%	18	147	08-Dec-18 A	02-Dec-19	-146				
ZONE 2 (Ch. 5880 to 6930)											
General											
DRM Proposal											
DRM Proposal											
ADVZ20290	NB at FLHY N/B construction Period (Zone 2)	97.52%	12	483	20-Nov-17 A	04-Jul-19	-82				
ADVZ20300	TWSR-W lane 2 construction	0%	50	50	24-Jul-19	20-Sep-19	-98				
ADVZ20310	NB at FLHY N/B construction Period (Zone 1)	98.14%	9	483	05-Oct-17 A	29-Jun-19	449				
Noise Barrier Along Fanling Highway N/B											
Site Clearance & Demolition of Existing Structure											
General											
ADVZ20170	Zone 2 - Noise Barrier at FH N/B backfilling complete	0%	0	0		04-Jul-19	-82				04-Jul-19 ◆ Zone 2 - Noise Barrier at FH N/B backfilling complete
ADVZ20270	Zone 2 - Noise Barrier at FH N/B complete (Without Buffer Zone)	0%	0	0		20-Jun-19	-70				20-Jun-19 ◆ Zone 2 - Noise Barrier at FH N/B complete (Without Buffer Zone SBZ1)
NB43A (Ch.5880-6060)-FH N/B Side											
Noise Barrier Works											
NB01600	NB43A-2 - NB post & panel installation	0%	5	5	17-Aug-19	22-Aug-19	-48				
NB03330	Bus Shelter footing at NB43A - VO86	0%	19	19	20-Jun-19*	12-Jul-19	-48				
NB03340	Relocate Bus Shelter installation - VO86	0%	30	30	13-Jul-19	16-Aug-19	-48				
NB50 (Ch.6060-6130)-FH N/B Side											
Noise Barrier Works											
NB001200	NB50 - NB post & panel installation	0%	5	5	20-Jun-19	25-Jun-19	1				
NB50A (Ch.6130-6450)-FH N/B Side											
Noise Barrier Works											
NB001270	NB50A - ID2-2 NB post & panel installation	0%	5	5	20-Jun-19	25-Jun-19	1				
NB01650	NB50A-1 - NB post & panel installation	0%	5	5	03-Jun-19 A	25-Jun-19	1				
NB60 (Ch.6450-6920)-FH N/B Side											
Noise Barrier Works											
NB01759	NB60-1 (0-15m) - NB post & panel installation	0%	5	5	20-Jun-19	25-Jun-19	1				
NB01820	NB60-1 - NB post & panel installation	0%	5	5	20-Jun-19	25-Jun-19	1				
NB01890	NB60-2 - NB post & panel installation	87.5%	5	40	03-Apr-19 A	25-Jun-19	1				
NB01960	NB60-ID3-2 - NB post & panel installation	90.38%	5	52	20-Mar-19 A	25-Jun-19	1				
NB02022	NB60-3 - NB post & panel installation	81.48%	5	27	23-Apr-19 A	25-Jun-19	1				
Underground Utility Works											
Underground Utility Works											
UU0110	Towngas duct laying and associated work before backfill in Zone 1 & 2	90.35%	39	404	20-Apr-18 A	28-Jul-19	-123				
Bridge Construction											
New Tai Hang Footbridge											
General											
THBF0655	Tai Hang Footbridge Complete	0%	0	0		30-Jul-19	-28				30-Jul-19 ◆ Tai Hang Footbridge Complete
TWSR-West/ FL Highway N/B Side Section											
THBF0620	Finishes Work	95.09%	34	692	27-Feb-17 A	30-Jul-19	-28				
THBF0625	Bridge Structure complete (THFB-TWSR-W side)	0%	0	0		30-Jul-19	-28				30-Jul-19 ◆ Bridge Structure complete (THFB-TWSR-W side)
Crossing Fanling Highway Section											
THBF0590	Finishes Work	88.89%	34	306	20-Jun-18 A	30-Jul-19	-28				
THBF0600	Bridge Structure complete (THFB-Cross fanling highway)	0%	0	0		30-Jul-19	-28				30-Jul-19 ◆ Bridge Structure complete (THFB-Cross fanling highway)
TWSR-East FL Highway S/B Side Section											
THBF0640	Finishes Work	0%	30	30	20-Jun-19	25-Jul-19	-24				
THBF0645	Bridge Structure complete (THFB-TWSR-E side)	0%	0	0		25-Jul-19	-24				25-Jul-19 ◆ Bridge Structure complete (THFB-TWSR-E side)
THBF0800	ABWF work	0%	30	30	20-Jun-19*	25-Jul-19	-24				
Lift at TWSR-W Side											
L1580	EMSD inspection & approval	0%	28	28	20-Jun-19	17-Jul-19	-21				
L1590	E&M and Finishes work	74.8%	32	127	21-Jan-19 A	27-Jul-19	-26				
L1610	Lift available - NF115-Lift 1	0%	0	0		27-Jul-19	-26				27-Jul-19 ◆ Lift available - NF115-Lift 1
L1800	THFB Completion Date	0%	0	0		30-Jul-19	-28				30-Jul-19 ◆ THFB Completion Date
Lift at FLHY S/B											
L1400	Roof cover for RC Platform	0%	30	30	20-Jun-19	25-Jul-19	-84				

	Project ID: WP Rev 07 (1906)	<p align="center">Contract No. HY/2012/06</p> <p align="center">Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange</p> <p align="center">3 Month Rolling Program(20-Jun-19)</p>		Date	Revision	C/A...
	Layout: 3 Month Rolling Program			08-Nov-16	WP Rev 4	
Page 1 of 5				17-Aug-17	WP Rev 5	
				28-Mar-18	WP Rev 6	
				27-Nov-18	WP Rev 6A	
				15-Jan-19	WP Rev 7	

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								Jun	Jul	Aug	Sep
								Gantt Chart			
L1410	Lift installation (NF78)	65.15%	23	66	25-Mar-19 A	17-Jul-19	-52				
L1420	Lift T&C	0%	14	14	18-Jul-19	31-Jul-19	-63				
L1430	EMSD inspection & approval	0%	28	28	01-Aug-19	28-Aug-19	-63				
L1440	E&M and Finishes work	0%	60	60	26-Jul-19	05-Oct-19	-84				
L1450	CLP Power available (by CLP)	98.79%	13	1076	21-Jun-16 A	02-Jul-19	-48				
L1490	THFB Completion Date	0%	0	0		30-Jul-19	-28	30-Jul-19 ◆ THFB Completion Date			
New Tai Wo Footbridge											
TWSR-West/ FL Highway N/B Side Section											
TWFB1390	Finishes Work	91.09%	58	651	20-May-17 A	27-Aug-19	-66				
TWFB1400	Bridge Structure complete (TWFB-TWSR-W side)	0%	0	0		27-Aug-19	-66	27-Aug-19 ◆ Bridge Structure complete			
Crossing Fanling Highway Section											
TWFB1460	Finishes Work	38.37%	53	86	06-Apr-19 A	21-Aug-19	-61				
TWFB1470	Bridge Structure complete (TWFB-Cross fanling highway)	0%	0	0		21-Aug-19	-61	21-Aug-19 ◆ Bridge Structure complete			
Lift at TWSR-W Side											
L1710	Glass canopy on ground level	65.52%	30	87	08-Mar-19 A	25-Jul-19	-75				
L1740	Lift installation	5.71%	66	70	15-May-19 A	05-Sep-19	-111				
L1750	Lift T&C	0%	14	14	06-Sep-19	23-Sep-19	-111				
L1770	E&M and Finishes work	18.33%	98	120	23-Apr-19 A	16-Oct-19	-106				
Signalized Junction											
New Tai Hang Footbridge											
TWSR-West/ FL Highway N/B Side Section											
THBF0630	Installation of Traffic Signal Poles at TWSR-W N/B (Tai hang Junction)	0%	21	21	20-Aug-19	12-Sep-19	-87				
THBF0650	Ducting & Cable Draw Installation (Tai hang Junction)	25%	30	40	08-May-19 A	25-Jul-19	-87				
THBF0660	Installation of Traffic Signal Poles at TWSR-W S/B (Tai hang Junction)	0%	21	21	26-Jul-19	19-Aug-19	-87				
THBF0670	E-prom ordering by EMSD (Tai hang Junction)	86.64%	29	217	20-Nov-18 A	25-Jul-19	-58				
THBF0680	Ducting & cable draw inspection by EMSD (Tai hang Junction)	0%	6	6	26-Jul-19	01-Aug-19	-48				
THBF0690	Ducting & cable draw rectification (Tai hang Junction)	0%	12	12	02-Aug-19	15-Aug-19	-48				
THBF0692	PCCW cable installation & connection (Tai hang Junction)	0%	6	6	13-Sep-19	20-Sep-19	-72				
THBF0694	EMSD cable & equipment installation (Tai hang Junction)	0%	21	21	13-Sep-19	10-Oct-19	-87				
TWSR-West Construction											
Drainage & Road Works											
Ch 5880-6740											
RDZ20170	Z2 : New TWSR-West road Works (lane 2)	0%	50	50	24-Jul-19	20-Sep-19	-98				
Noise Barrier Along Fanling Highway S/B											
NB51 (Ch.5935-6055)-FH S/B Side											
Noise Barrier Works											
NB02310	NB51 ID1-3 (0-25m) - NB post & panel installation	0%	5	5	20-Jun-19*	25-Jun-19	1				
NB03370	NB51(bay 15) - NB post & panel installation	0%	5	5	20-Jun-19	25-Jun-19	1				
NB52 (Ch.6055-6125) -FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB03390	NB52 (bay 21) - NB post & panel installation	0%	5	5	20-Jun-19*	25-Jun-19	1				
NB53 (Ch.6125-6300) -FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB02480	NB53 (0-100m) - NB post & panel installation	0%	5	5	20-Jun-19	25-Jun-19	1				
NB02540	NB53 ID2-3 (100-125m) - NB production	44.19%	24	43	01-May-19 A	13-Jul-19	-23				
NB02550	NB53 ID2-3 (100-125m) - NB post & panel installation	0%	5	5	15-Jul-19	19-Jul-19	-19				
NB02572	NB53 (125-180m) - Drainage Works	0%	18	18	19-Jul-19	08-Aug-19	-48				
NB02574	NB53 (125-180m) - Drainage Works (VO on 14-6-18 - add 2 manhole)	0%	12	12	09-Aug-19	22-Aug-19	-48				
NB02600	NB53 (125-180m) - NB post & panel installation	0%	5	5	20-Jun-19*	25-Jun-19	1				
NB55 (Ch.6300-6360)-FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB02642	NB55 - Drainage Works	0%	18	18	20-Jun-19	11-Jul-19	-48				
NB02644	NB55 - Drainage Works (VO on 14-6-18 - add 1 manhole)	0%	6	6	12-Jul-19	18-Jul-19	-48				
NB02670	NB55 - NB post & panel installation	0%	5	5	20-Jun-19*	25-Jun-19	1				
NB56 (Ch.6360-6400)-FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB02712	NB56 - Drainage Works	0%	6	6	02-Jul-19	08-Jul-19	-33				
NB02714	NB56 - Drainage Works (VO on 14-6-18 - add 4 manhole)	0%	24	24	09-Jul-19	05-Aug-19	-33				
NB02740	NB56 - NB post & panel installation	0%	5	5	20-Jun-19*	25-Jun-19	1				
NB61 (Ch.6400-6560)-FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB02784	NB61 (0-50m) - Drainage Works (VO on 14-6-18 - add 3 manhole)	50%	9	18	20-May-19 A	29-Jun-19	-33				
NB02860	NB61 (50-160m) - NB post & panel installation	0%	5	5	20-Jun-19*	25-Jun-19	1				
NB61A (Ch.6560-6745)-FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB02930	NB61A (0-50m) - NB post & panel installation	0%	5	5	20-Jun-19	25-Jun-19	1				
Fanling Highway Construction											
Drainage & Road Works											
Ch 5880-6740											
RDZ41270	Z2 (CH5880-6740) : Fanling Highway S/B - road works (lane 1)	28.89%	64	90	20-May-19 A	03-Sep-19	-58				
Other Works											
TCSS Works											
TCSS Pre-Construction Works											
TCSS0170	Sign Gantry Factory production - AADS1	0%	30	30	13-Aug-19	17-Sep-19	-90				
TCSS0190	Sign Gantry Factory production - ADS1	0%	30	30	23-Jul-19	26-Aug-19	-90				
TCSS0200	Sign Gantry Factory production - FADS1	26.09%	34	46	18-Apr-19 A	30-Jul-19	-85				

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								Jun	Jul	Aug	Sep
TCSS0210	Sign Gantry Factory production - G55	44.74%	21	38	07-Apr-19 A	15-Jul-19	-90				
TCSS0220	Sign Gantry Factory production - G54	50%	23	46	01-Jun-19 A	17-Jul-19	-35				
Civil Provision for TCSS Works											
TCSS2180	Pillar box, isolator & associated duct work - PL204 for G30 & G55	0%	30	30	17-Sep-19	23-Oct-19	-98				
TCSS2190	Pillar box, isolator & associated duct work - PL205 for G54 & M10	0%	30	30	17-Sep-19	23-Oct-19	-98				
TCSS2200	Pillar box, isolator & associated duct work - PL206 for G32	0%	30	30	13-Sep-19	21-Oct-19	-96				
AADS1											
TCSS1670	Sign Gantry Erection - AADS1	0%	21	21	18-Sep-19	14-Oct-19	-90				
FVMS1 (Deleted by DWG HY/2012/06/SK/0866)											
TCSS1420	Slow lane footing -FVMS1 (NB50A)	0%	0	0		20-Jun-19	458		20-Jun-19		
ADS1											
TCSS1440	Slow lane footing - ADS1 (NB50A)	0%	0	0		20-Jun-19	-33		20-Jun-19		
TCSS1990	Sign Gantry Erection - ADS1	0%	18	18	27-Aug-19	17-Sep-19	-90				
FADS1											
TCSS2060	Sign Gantry Erection - FADS1	0%	18	18	06-Aug-19	26-Aug-19	-90				
G55											
TCSS1750	Sign Gantry Erection - G55	0%	18	18	16-Jul-19	05-Aug-19	-90				
G54											
TCSS2120	Sign Gantry Erection - G54	0%	18	18	06-Aug-19	26-Aug-19	-51				
VO184 - Irrigation System in SA328 and SA329											
VO184 - Irrigation System in SA328 and SA329											
IS0122	Material submission to WSD & approval for VO184	0%	90	90	27-May-19 A	05-Oct-19	-150				
Landscape Softwork											
Landscape Works											
Z2.LW.1000	Landscape soft work Zone2	0%	120	120	07-Sep-19	03-Feb-20	-150				
Pai Lau in Tai Hang (VO126)											
Pai Lau in Tai Hang (VO126)											
Pai Lau in Tai Hang (VO126)											
Pai Lau in Tai Hang (VO126)											
PL00995	VO126 Suspension on 20-Feb-19 (HY/2012/06)/M15/220.126(5)	85.54%	12	83	20-Feb-19 A	04-Jul-19	-150				
PL01000	Works area access date (14-Dec-2018)	0%	0	0	05-Jul-19		-150				
PL01010	CLP relocation of Overhead Cable	0%	12	12	20-Jun-19*	04-Jul-19	-120				
PL01020	Excavation	0%	12	12	05-Jul-19	18-Jul-19	-150				
PL01030	Footing	0%	12	12	19-Jul-19	01-Aug-19	-150				
PL01040	backfill	0%	6	6	02-Aug-19	08-Aug-19	-150				
PL01050	Pai Lau Superstructure	0%	65	65	09-Aug-19	26-Oct-19	-150				
PL01060	Material submission for finishes works	88.27%	21	179	05-Nov-18 A	15-Jul-19	-139				
PL01070	Material submission approval	0%	30	30	16-Jul-19	19-Aug-19	-139				
PL01080	Material Order & delivery on site	0%	45	45	20-Aug-19	14-Oct-19	-139				
South Buffer Zone 1 (SBZ1) (within Zone 2)(Ch.6740 to 6930)											
Noise Barrier Along Fanling Highway N/B											
NB60 (Ch.6450-6920)-FH N/B Side											
Noise Barrier Works											
NB02130	NB60-5 - backfilling	0%	12	12	20-Jun-19	04-Jul-19	-82				
Bridge Construction											
Kau Lung Hang Vehicular Bridge											
KLH Bridge - West Ramp											
KLH.1290	West Ramp - Planting	0%	21	21	20-Jun-19	15-Jul-19	-15				
KLH Bridge - Deck 1											
KLH.3430	Deck 1 - Planting	0%	21	21	20-Jun-19	15-Jul-19	-15				
KLH Bridge - Deck 3											
KLH.3500	Deck 3 - Planting	0%	21	21	20-Jun-19	15-Jul-19	-29				
KLH Bridge - East Ramp											
KLH.3590	East Ramp - Planting	0%	34	34	20-Jun-19	30-Jul-19	424				
KLH Bridge - Staircase S1											
Z2.KLH.1490	S1- RC deck slab	0%	12	12	20-Jun-19	04-Jul-19	-66				
Z2.KLH.1500	S1 - Roof steel frame installation	0%	30	30	05-Jul-19	08-Aug-19	-66				
Z2.KLH.1750	S1 - Corrugated steel roof	0%	18	18	09-Aug-19	29-Aug-19	-66				
Z2.KLH.1760	S1 - Handrail	0%	12	12	30-Aug-19	12-Sep-19	-66				
Z2.KLH.1770	S1 - Lighting & finishes works	0%	12	12	30-Aug-19	12-Sep-19	-66				
Bridge Road Work											
Z2.KLH.2040	Landscape work of KLHVB	36.67%	38	60	23-Apr-19 A	03-Aug-19	-32				
Lift at TWSR-W Side											
L01110	Lift T&C	76.47%	4	17	16-Jun-19 A	24-Jun-19	-4				
L01120	EMSD inspection & approval (Assume 7 days is required instead	0%	7	7	25-Jun-19	01-Jul-19	-5				
L01130	Finishes work	53.41%	41	88	20-Mar-19 A	07-Aug-19	-35				
L01150	Lift available - NF117-Lift 1	0%	0	0		07-Aug-19	-35				
Signalized Junction											
Kau Lung Hang Vehicular Bridge											
KLH Bridge - West Ramp											
Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	0%	21	21	30-Jul-19	22-Aug-19	-69				
Z2.KLH.1042	Ducting & Cable Draw Installation (KLHVB)	76.92%	12	52	28-Mar-19 A	04-Jul-19	-69				
Z2.KLH.1052	Installation of Traffic Signal Poles at TWSR-W S/B (KLHVB)	0%	21	21	05-Jul-19	29-Jul-19	-69				
Z2.KLH.1072	Ducting & cable draw inspection by EMSD (KLHVB)	0%	6	6	05-Jul-19	11-Jul-19	-36				
Z2.KLH.1082	Ducting & cable draw rectification (KLHVB)	0%	12	12	12-Jul-19	25-Jul-19	-36				
Z2.KLH.1092	PCCW cable installation & connection (KLHVB)	0%	6	6	23-Aug-19	29-Aug-19	-60				

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								Jun	Jul	Aug	Sep
Z2.KLH.1102	EMSD cable & equipment installation (KLHVB)	0%	21	21	23-Aug-19	17-Sep-19	-69				
Z2.KLH.1112	Traffic Signal Installation complete (KLHVB)	0%	0	0		17-Sep-19	-69				17-Sep-19 ◆
Noise Barrier Along Fanling Highway S/B											
NB62 (Ch.6745-6910)-FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB03170	NB62 (80-110m) Under bridge - NB post & panel installation	85.93%	28	199	20-Oct-18 A	23-Jul-19	-22				
Fanling Highway Construction											
Drainage & Road Works											
Ch 6740-6930											
RDZ20520	Z2 (CH6740-6930) : Fanling Highway S/B - road works (lane 1)	8.33%	22	24	17-May-19 A	16-Jul-19	-16				
North Buffer Zone 2 (NBZ2) (within Zone 4) (Ch. 7925 to 8100)											
Bridge Construction											
New Ho Ka Yuen Footbridge											
TWSR-West/ FL Highway N/B Side Section											
HKY1520	VO11 - slope improvement work	0%	45	45	13-Aug-19	05-Oct-19	-92				
ZONE 4 (Ch. 7925 to 8700)											
Noise Barrier Along TWSR-West and Laying New Utilities											
Underground Utility Works											
DN450 DI Watermain "A" (Ch 1989-2529)											
DI0220	DN450 DI watermain laying at TWSR-W (CHA 2070)	0%	15	15	20-Jun-19	08-Jul-19	-92				
DI0230	DN450 DI watermain laying at TWSR-W (CHA 2200)	0%	15	15	09-Jul-19	25-Jul-19	-92				
DI0240	DN450 DI watermain laying at TWSR-W (CHA 2370)	0%	15	15	26-Jul-19	12-Aug-19	-92				
Bridge Construction											
New Wo Hop Shek Pedstrian & Cycle Bridge											
General											
WHS1110	Wo Hop Shek Bridge Complete	0%	0	0		21-Aug-19	-55				21-Aug-19 ◆ Wo Hop Shek Bridge Co
TWSR-West/ FL Highway N/B Side Section											
WHS1420	Ramp Finishes Work	80.87%	53	277	13-Jul-18 A	21-Aug-19	-55				
WHS1430	Bridge Structure complete (WHS-TWSR-W side)	0%	0	0		21-Aug-19	-55				21-Aug-19 ◆ Bridge Structure complet
VO152 - Additional Retaining Wall in Zone 4 Near at Grade Cycle Track and Footpath at \											
Cycle Track											
WHS1460	TTA for closure of slip Y lane 1 for material delivery	0%	3	3	13-Jul-19	16-Jul-19	-221				
WHS1560	Retaining Wall construction	0%	24	24	17-Jul-19	13-Aug-19	-221				
WHS1570	Concrete Footing for railing	0%	10	10	14-Aug-19	24-Aug-19	-221				
WHS1580	Concrete Footing for Expressway boundary fence	0%	10	10	26-Aug-19	05-Sep-19	-221				
WHS1590	300 U-channel	0%	12	12	06-Sep-19	20-Sep-19	-173				
Footpath											
WHS2150	Concrete Footing for railing	0%	15	15	06-Sep-19	24-Sep-19	-221				
TWSR-West Construction											
Drainage & Road Works											
TWSR-West/ FL Highway N/B Side Section											
RDZ41180	TWSR -W Road Works rectification	0%	18	18	13-Aug-19	02-Sep-19	-65				
Slip Road Y Construction											
Drainage & Road Works											
TWSR-East FL Highway S/B Side Section											
RDZ41080	Construct Slip Rd Y- 2nd lane (Ch8370-8650)(SA340) (Z4)	0%	19	16	20-May-19 A	12-Jul-19	-221				
RDZ41089	Slip Road Y (Ch7925-8650) complete	0%	0	0		12-Jul-19	-221				12-Jul-19 ◆ Slip Road Y (Ch7925-8650) complete
Fanling Highway Construction											
Drainage & Road Works											
TWSR-West/ FL Highway N/B Side Section											
RDZ41170	Complete Slip road V and associated slope work	0%	35	35	20-Jun-19	31-Jul-19	-37				
TWSR-East FL Highway S/B Side Section											
RDZ41160	Final pavement & final road marking	0%	18	18	20-Jun-19	11-Jul-19	-50				
Other Works											
TCSS Works											
TCSS Pre-Construction Works											
TCSS0180	Sign Gantry Factory production - FVMS1 (Deleted)	0%	0	0	20-Jun-19	20-Jun-19	458				
Civil Provision for TCSS Works											
TCSS2150	M12 for CCTV	0%	14	14	05-Aug-19	20-Aug-19	-68				
TCSS2160	P51 for VLSL	0%	14	14	21-Aug-19	05-Sep-19	-68				
TCSS2170	P52 for VLSL	0%	14	14	21-Aug-19	05-Sep-19	-68				
TCSS2210	Pillar box, isolator & associated duct work - PL207 for G34 & G35	0%	30	30	20-Jun-19	25-Jul-19	-122				
TCSS2220	Pillar box, isolator & associated duct work - PL252 for G52	0%	30	30	26-Jul-19	29-Aug-19	-122				
TCSS2230	Pillar box, isolator & associated duct work - PL251 for G51 & FL01	0%	30	30	30-Aug-19	05-Oct-19	-122				
TCSS2250	FL01 mounted on top of DS53	0%	30	30	20-Jun-19	25-Jul-19	-62				
TCSS2260	FL02 mounted on top of ADS52	0%	30	30	26-Jul-19	29-Aug-19	-62				
G35											
TCSS1810	Sign Gantry Erection - G35 (Z4)	60%	8	20	15-May-19 A	28-Jun-19	-10				
G36											
TCSS1570	latest date for Slow lane footing available - G36 (NB by other)	0%	0	0		10-Jul-19	-68				10-Jul-19 ◆ latest date for Slow lane footing available - G36 (NB by other)
TCSS1830	Sign Gantry Erection - G36 (Z4)	0%	21	21	11-Jul-19	03-Aug-19	-68				
DS50											
TCSS1850	Sign Gantry Erection - DS50 (Z4) (Deleted by Verbal instruction , VO is	0%	0	0	20-Jun-19	20-Jun-19	-2				
FADS8											
TCSS1870	Sign Gantry Erection - FADS8 (Z4)	19.05%	17	21	15-Jun-19 A	10-Jul-19	-68				
TCSS Hub Room											
TCSS1900	TCSS Hub Room Structure	71.08%	24	83	06-Mar-19 A	18-Jul-19	-116				
TCSS1910	TCSS Hub Room Finishes	0%	45	45	19-Jul-19	09-Sep-19	-116				

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019					
								Jun	Jul	Aug	Sep		
TCSS1920	TCSS Hub Room BS provision	0%	45	45	10-Sep-19	04-Nov-19	-116						
VO190 - Irrigation System near Ho Ka Yuen Footbridge													
VO190 - Irrigation System near Ho Ka Yuen Footbridge													
IS150	Material submission to WSD & approval for VO190	0%	90	90	30-May-19 A	05-Oct-19	-170						
VO Relocation of Traffic Sign at Pak Wo Road & Jockey Club Road													
VO Relocation of Traffic Sign at Pak Wo Road & Jockey Club Road													
TS01000	VO issue date (Assumed 21-Jan-19)	0%	0	0	20-Jun-19*		-121						
TS01010	XP application period - Pak Wo Road	92.97%	9	128	21-Jan-19 A	28-Jun-19	-157						
TS01030	TTA submission & approval	0%	30	30	20-Jun-19	25-Jul-19	-149						
TS01040	TTA	0%	2	2	26-Jul-19	27-Jul-19	-149						
TS01050	Sheet piling & excavation	0%	18	18	29-Jul-19	17-Aug-19	-149						
TS01060	Footing (FL02, ADS52)	0%	45	45	19-Aug-19	12-Oct-19	-149						
TS01110	TTA	0%	2	2	26-Jul-19	27-Jul-19	-110						
TS01120	Sheet piling & excavation	0%	12	12	29-Jul-19	10-Aug-19	-110						
TS01130	Footing (ADS51)	0%	30	30	12-Aug-19	16-Sep-19	-110						
TS01140	Post & sign installation (ADS51)	0%	10	10	17-Sep-19	27-Sep-19	-110						
TS1160	XP application period - Jockey Club Road	92.97%	9	128	21-Jan-19 A	28-Jun-19	-157						
TS1170	TTA submission & approval	0%	30	30	20-Jun-19	25-Jul-19	-149						
TS1180	TTA	0%	2	2	26-Jul-19	27-Jul-19	-149						
TS1190	Sheet piling & excavation	0%	18	18	29-Jul-19	17-Aug-19	-149						
TS1200	Footing (DS53, FL01)	0%	45	45	19-Aug-19	12-Oct-19	-149						
Ducting Works in Traffic Signalized Junction at Pak Wo Road													
WHS Interchange													
TSJ01005	VO issued Date (Assume 14-Jun-19)	0%	0	0	20-Jun-19*		-5						
TSJ01006	Procurement & subletting	92.68%	9	123	26-Jan-19 A	04-Jul-19	-142						
TSJ01010	Site Clearance	0%	5	5	05-Jul-19	10-Jul-19	-142						
TSJ01020	Trial Pits excavation	0%	10	10	11-Jul-19	22-Jul-19	-142						
TSJ01030	Determination of proposed cable alignment	0%	14	14	23-Jul-19	07-Aug-19	-142						
TSJ01040	Duct Laying (Road Crossing) - Wo Hing Road	0%	9	9	08-Aug-19	17-Aug-19	-142						
TSJ01050	Duct Laying (Road Crossing) - Pak Wo Road	0%	42	42	19-Aug-19	09-Oct-19	-142						
Pak Wo Road and Jockey Club Road Junction													
TSJ01260	Existing MJ modified by HyD structure	0%	48	48	24-Jun-19*	19-Aug-19	0						
TSJ01270	Road Construction & reinstatement (new 2nd stage after MJ)	0%	35	35	20-Aug-19	30-Sep-19	-93						

**CONSTRUCTION PROGRAMME OF
JULY 2019**

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								Jul	Aug	Sep	Oct
ZONE 1 (Ch. 5640 to 5880)											
Noise Barrier Along Fanling Highway N/B											
NB43B (Ch.5640-5880)-FH N/B Side											
Noise Barrier Works											
NB01250	NB43B-1 - NB post & panel installation	0%	5	5	10-Jul-19 A	25-Jul-19	428				
Other Works											
VO189 - Irrigation System in Zone 1 and Zone 2											
VO189 - Irrigation System in Zone 1 and Zone 2											
IS0110	Material submission to WSD & approval for VO189	27.78%	65	90	27-May-19 A	05-Oct-19	-150				
IS0120	Irrigation system installation in Zone 1	0%	30	30	08-Oct-19	11-Nov-19	-146				
Landscape Softwork											
Landscape Works											
Z1.LW.1000	Landscape soft work Zone1	87.76%	18	147	08-Dec-18 A	02-Dec-19	-146				
ZONE 2 (Ch. 5880 to 6930)											
General											
DRM Proposal											
DRM Proposal											
ADVZ20290	NB at FLHY N/B construction Period (Zone 2)	99.38%	3	483	20-Nov-17 A	23-Jul-19	0				
ADVZ20300	TWSR-W lane 2 construction	0%	50	50	24-Aug-19	24-Oct-19	-99				
ADVZ20305	FLHY HS & lane 1 construction	0%	31	31	29-Jun-19 A	24-Aug-19	-50				
Noise Barrier Along Fanling Highway N/B											
Site Clearance & Demolition of Existing Structure											
General											
ADVZ20270	Zone 2 - Noise Barrier at FH N/B complete (Without Buffer Zone)	0%	0	0		20-Jul-19	-69				20-Jul-19 ◆ Zone 2 - Noise Barrier at FH N/B complete (Without Buffer Zone SBZ1)
NB43A (Ch.5880-6060)-FH N/B Side											
Noise Barrier Works											
NB03330	Bus Shelter footing at NB43A - VO86	0%	19	19	30-Jul-19*	20-Aug-19	376				
NB03340	Relocate Bus Shelter installation - VO86	0%	30	30	21-Aug-19	25-Sep-19	376				
NB50 (Ch.6060-6130)-FH N/B Side											
Noise Barrier Works											
NB001200	NB50 -NB post & panel installation	0%	5	5	20-Jun-19 A	25-Jul-19	-24				
NB50A (Ch.6130-6450)-FH N/B Side											
Noise Barrier Works											
NB001270	NB50A - ID2-2 NB post & panel installation	0%	17	17	20-Jul-19	08-Aug-19	-36				
NB01650	NB50A-1 - NB post & panel installation	0%	17	5	03-Jun-19 A	08-Aug-19	-36				
NB60 (Ch.6450-6920)-FH N/B Side											
Noise Barrier Works											
NB01759	NB60-1 (0-15m) - NB post & panel installation	0%	17	17	20-Jul-19	08-Aug-19	-36				
NB01820	NB60-1 - NB post & panel installation	0%	17	17	20-Jul-19	08-Aug-19	-36				
NB01890	NB60-2 - NB post & panel installation	57.5%	17	40	03-Apr-19 A	08-Aug-19	-36				
NB01960	NB60-ID3-2 - NB post & panel installation	90.38%	5	52	20-Mar-19 A	25-Jul-19	-24				
NB02022	NB60-3 - NB post & panel installation	81.48%	5	27	23-Apr-19 A	25-Jul-19	-24				
Underground Utility Works											
Underground Utility Works											
UU0110	Towngas duct laying and associated work before backfill in Zone 1 & 2	90.1%	40	404	20-Apr-18 A	28-Aug-19	-119				
Bridge Construction											
New Tai Hang Footbridge											
General											
THBF0655	Tai Hang Footbridge Complete	0%	0	0		23-Aug-19	-49				23-Aug-19 ◆ Tai Hang Footbridge Complete
TWSR-East FL Highway S/B Side Section											
THBF0640	Finishes Work	0%	30	30	20-Jul-19	23-Aug-19	-49				
THBF0645	Bridge Structure complete (THFB-TWSR-E side)	0%	0	0		23-Aug-19	-49				23-Aug-19 ◆ Bridge Structure complete (THFB-TWSR-E side)
THBF0800	ABWF work	0%	30	30	20-Jul-19*	23-Aug-19	-49				
Lift at TWSR-W Side											
L1800	THFB Completion Date	0%	0	0		23-Aug-19	-49				23-Aug-19 ◆ THFB Completion Date
Lift at FLHY S/B											
L1400	Roof cover for RC Platform	0%	30	30	20-Jul-19	23-Aug-19	-84				
L1410	Lift installation (NF78)	84.85%	10	66	25-Mar-19 A	31-Jul-19	-62				
L1420	Lift T&C	0%	12	12	02-Aug-19	13-Aug-19	-76				
L1430	EMSD inspection & approval	0%	28	28	14-Aug-19	10-Sep-19	-76				
L1440	E&M and Finishes work	0%	35	35	24-Aug-19	05-Oct-19	-84				
L1450	CLP Power available (by CLP)	98.79%	13	1076	21-Jun-16 A	01-Aug-19	-76				
L1460	Lift available - NF78	0%	0	0		05-Oct-19	-84				05-Oct-19 ◆ Lift available
L1490	THFB Completion Date	0%	0	0		23-Aug-19	-49				23-Aug-19 ◆ THFB Completion Date
New Tai Wo Footbridge											
TWSR-West/ FL Highway N/B Side Section											
TWFB1390	Finishes Work	94.93%	33	651	20-May-17 A	27-Aug-19	-66				
TWFB1400	Bridge Structure complete (TWFB-TWSR-W side)	0%	0	0		27-Aug-19	-66				27-Aug-19 ◆ Bridge Structure complete (TWFB-TWSR-W side)
Crossing Fanling Highway Section											
TWFB1460	Finishes Work	67.44%	28	86	06-Apr-19 A	21-Aug-19	-61				
TWFB1470	Bridge Structure complete (TWFB-Cross fanling highway)	0%	0	0		21-Aug-19	-61				21-Aug-19 ◆ Bridge Structure complete (TWFB-Cross fanling highway)

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Crit. Milestone

Project ID:WP Rev 07 (1907)
 Layout: 3 Month Rolling Program
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Contract No. HY/2012/06
Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange
3 Month Rolling Program(20-Jul-19)



Date	Revision	C/A...
08-Nov-16	WP Rev 4	
17-Aug-17	WP Rev 5	
28-Mar-18	WP Rev 6	
27-Nov-18	WP Rev 6A	
15-Jan-19	WP Rev 7	

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								Jul	Aug	Sep	Oct
Lift at TWSR-W Side											
L1740	Lift installation	41.43%	41	70	15-May-19 A	05-Sep-19	-111				
L1750	Lift T&C	0%	14	14	06-Sep-19	23-Sep-19	-111				
L1760	EMSD inspection & approval	0%	28	28	24-Sep-19	21-Oct-19	-133				
L1770	E&M and Finishes work	39.17%	73	120	23-Apr-19 A	16-Oct-19	-106				
Signalized Junction											
New Tai Hang Footbridge											
TWSR-West/ FL Highway N/B Side Section											
THBF0630	Installation of Traffic Signal Poles at TWSR-W N/B (Tai hang Junction)	0%	21	21	30-Aug-19	24-Sep-19	-96				
THBF0650	Ducting & Cable Draw Installation (Tai hang Junction)	65%	14	40	08-May-19 A	05-Aug-19	-96				
THBF0660	Installation of Traffic Signal Poles at TWSR-W S/B (Tai hang Junction)	0%	21	21	06-Aug-19	29-Aug-19	-96				
THBF0670	E-prom ordering by EMSD (Tai hang Junction)	93.09%	15	217	20-Nov-18 A	05-Aug-19	-69				
THBF0680	Ducting & cable draw inspection by EMSD (Tai hang Junction)	0%	6	6	06-Aug-19	12-Aug-19	-57				
THBF0690	Ducting & cable draw rectification (Tai hang Junction)	0%	12	12	13-Aug-19	26-Aug-19	-57				
THBF0692	PCCW cable installation & connection (Tai hang Junction)	0%	6	6	03-Oct-19	10-Oct-19	-87				
THBF0694	EMSD cable & equipment installation (Tai hang Junction)	0%	21	21	25-Sep-19	21-Oct-19	-96				
TWSR-West Construction											
Drainage & Road Works											
Ch 5880-6740											
RDZ20170	Z2 : New TWSR-West road Works (lane 2)	0%	50	50	24-Aug-19	24-Oct-19	-99				
Noise Barrier Along Fanling Highway S/B											
NB51 (Ch.5935-6055)-FH S/B Side											
Noise Barrier Works											
NB02310	NB51 ID1-3 (0-25m) - NB post & panel installation	0%	19	5	20-Jun-19 A	10-Aug-19	-38				
NB03370	NB51(bay 15) - NB post & panel installation	0%	19	5	20-Jul-19 A	10-Aug-19	-38				
NB52 (Ch.6055-6125) -FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB03390	NB52 (bay 21) - NB post & panel installation	0%	19	5	20-Jun-19 A	10-Aug-19	-38				
NB61 (Ch.6400-6560)-FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB02860	NB61 (50-160m) - NB post & panel installation	0%	10	5	20-Jun-19 A	31-Jul-19	-29				
NB61A (Ch.6560-6745)-FH S/B Side (MTRC I&P Area)											
Noise Barrier Works											
NB02930	NB61A (0-50m) - NB post & panel installation	0%	5	5	20-Jul-19	25-Jul-19	-24				
NB03050	NB61A (75-190m) - NB post & panel installation	94.86%	17	331	05-May-18 A	08-Aug-19	-36				
Fanling Highway Construction											
Drainage & Road Works											
Ch 5880-6740											
RDZ41200	Z2 (CH5880-6740) : Fanling Highway N/B - road works (lane 1)	0%	31	31	29-Jun-19 A	24-Aug-19	-50				
RDZ41270	Z2 (CH5880-6740) : Fanling Highway S/B - road works (lane 1)	65.56%	31	90	20-May-19 A	24-Aug-19	-50				
RDZ41280	Z2 (CH5880-6740) : Fanling Highway Road works (8 lanes)	0%	0	0			-50				
Other Works											
TCSS Works											
TCSS Pre-Construction Works											
TCSS0170	Sign Gantry Factory production - AADS1	0%	30	30	09-Aug-19	12-Sep-19	-87				
TCSS0190	Sign Gantry Factory production - ADS1	86.67%	4	30	28-Jun-19 A	24-Jul-19	-62				
TCSS0200	Sign Gantry Factory production - FADS1	76.09%	11	46	18-Apr-19 A	01-Aug-19	-87				
TCSS0220	Sign Gantry Factory production - G54	28.26%	33	46	01-Jun-19 A	27-Aug-19	-70				
Civil Provision for TCSS Works											
TCSS2180	Pillar box, isolator & associated duct work - PL204 for G30 & G55	0%	30	30	22-Jul-19	24-Aug-19	-50				
TCSS2190	Pillar box, isolator & associated duct work - PL205 for G54 & M10	0%	30	30	22-Jul-19	24-Aug-19	-50				
TCSS2200	Pillar box, isolator & associated duct work - PL206 for G32	0%	30	30	22-Jul-19	24-Aug-19	-50				
TCSS2270	Civil Provision for TCSS works available (Zone 2)	0%	0	0			-50				
AADS1											
TCSS1670	Sign Gantry Erection - AADS1	0%	21	21	13-Sep-19	10-Oct-19	-87				
ADS1											
TCSS1990	Sign Gantry Erection - ADS1	0%	18	18	23-Aug-19	12-Sep-19	-87				
FADS1											
TCSS2060	Sign Gantry Erection - FADS1	0%	18	18	02-Aug-19	22-Aug-19	-87				
G55											
TCSS1750	Sign Gantry Erection - G55	50%	9	18	16-Jul-19 A	30-Jul-19	-85				
G54											
TCSS2120	Sign Gantry Erection - G54	0%	18	18	28-Aug-19	18-Sep-19	-70				
VO184 - Irrigation System in SA328 and SA329											
VO184 - Irrigation System in SA328 and SA329											
IS0122	Material submission to WSD & approval for VO184	27.78%	65	90	27-May-19 A	05-Oct-19	-150				
IS0140	Irrigation system installation in SA328 and SA329	0%	52	52	08-Oct-19	06-Dec-19	-150				
VO189 - Irrigation System in Zone 1 and Zone 2											
VO189 - Irrigation System in Zone 1 and Zone 2											
IS0130	Irrigation system installation in Zone 2	0%	52	52	08-Oct-19	06-Dec-19	-150				
Landscape Softwork											
Landscape Works											
Z2.LW.1000	Landscape soft work Zone2	0%	120	120	07-Sep-19	03-Feb-20	-150				
Pai Lau in Tai Hang (VO126)											
Pai Lau in Tai Hang (VO126)											
Pai Lau in Tai Hang (VO126)											
Pai Lau in Tai Hang (VO126)											
PL00995	VO126 Suspension on 20-Feb-19 (HY/2012/06)/M15/220.126/(5)	85.54%	12	83	20-Feb-19 A	02-Aug-19	-175				

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019					
								Jul	Aug	Sep	Oct		
PL01000	Works area access date (14-Dec-2018)	0%	0	0	03-Aug-19		-175						◆ Works area access date: (14-Dec-2018)
PL01010	CLP relocation of Overhead Cable	0%	12	12	20-Jul-19*	02-Aug-19	-145						
PL01020	Excavation	0%	12	12	03-Aug-19	16-Aug-19	-175						
PL01030	Footing	0%	12	12	17-Aug-19	30-Aug-19	-175						
PL01040	backfill	0%	6	6	31-Aug-19	06-Sep-19	-175						
PL01050	Pai Lau Superstructure	0%	65	65	07-Sep-19	25-Nov-19	-175						
PL01060	Material submission for finishes works	88.27%	21	179	05-Nov-18 A	13-Aug-19	-164						
PL01070	Material submission approval	0%	30	30	14-Aug-19	18-Sep-19	-164						
PL01080	Material Order & delivery on site	0%	45	45	19-Sep-19	12-Nov-19	-164						
South Buffer Zone 1 (SBZ1) (within Zone 2)(Ch.6740 to 6930)													
Noise Barrier Along Fanling Highway N/B													
NB60 (Ch.6450-6920)-FH N/B Side													
Noise Barrier Works													
NB02142	NB60-5 - NB post & panel installation	26.09%	17	23	23-Apr-19 A	08-Aug-19	416						
Bridge Construction													
Kau Lung Hang Vehicular Bridge													
KLH Bridge - West Ramp													
KLH.1290	West Ramp - Planting	0%	21	21	20-Jul-19	13-Aug-19	-40						
KLH Bridge - Deck 1													
KLH.3430	Deck 1 - Planting	0%	21	21	20-Jul-19	13-Aug-19	-40						
KLH Bridge - Deck 3													
KLH.3500	Deck 3 - Planting	0%	21	21	20-Jul-19	13-Aug-19	412						
KLH Bridge - East Ramp													
KLH.3590	East Ramp - Planting	0%	34	34	20-Jul-19	28-Aug-19	399						
KLH Bridge - Staircase S1													
Z2.KLH.1490	S1 - RC deck slab	0%	12	12	20-Jul-19	02-Aug-19	-91						
Z2.KLH.1500	S1 - Roof steel frame installation	0%	30	30	03-Aug-19	06-Sep-19	-91						
Z2.KLH.1750	S1 - Corrugated steel roof	0%	18	18	07-Sep-19	28-Sep-19	-91						
Z2.KLH.1760	S1 - Handrail	0%	12	12	30-Sep-19	15-Oct-19	-91						
Z2.KLH.1770	S1 - Lighting & finishes works	0%	12	12	30-Sep-19	15-Oct-19	-91						
Bridge Road Work													
Z2.KLH.2040	Landscape work of KLHVB	36.67%	38	60	23-Apr-19 A	02-Sep-19	-57						
Lift at TWSR-W Side													
L01120	EMSD inspection & approval (Assume 7 days is required instead)	0%	7	7	18-Jul-19 A	26-Jul-19	-30						
L01130	Finishes work	70.45%	26	88	20-Mar-19 A	19-Aug-19	-45						
L01150	Lift available - NF117-Lift 1	0%	0	0		19-Aug-19	-45						◆ Lift available - NF117-Lift 1
Signalized Junction													
Kau Lung Hang Vehicular Bridge													
KLH Bridge - West Ramp													
Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	0%	21	21	30-Aug-19	24-Sep-19	-96						
Z2.KLH.1042	Ducting & Cable Draw Installation (KLHVB)	73.08%	14	52	28-Mar-19 A	05-Aug-19	-96						
Z2.KLH.1052	Installation of Traffic Signal Poles at TWSR-W S/B (KLHVB)	0%	21	21	06-Aug-19	29-Aug-19	-96						
Z2.KLH.1072	Ducting & cable draw inspection by EMSD (KLHVB)	0%	6	6	06-Aug-19	12-Aug-19	-63						
Z2.KLH.1082	Ducting & cable draw rectification (KLHVB)	0%	12	12	13-Aug-19	26-Aug-19	-63						
Z2.KLH.1092	PCCW cable installation & connection (KLHVB)	0%	6	6	25-Sep-19	02-Oct-19	-87						
Z2.KLH.1102	EMSD cable & equipment installation (KLHVB)	0%	21	21	25-Sep-19	21-Oct-19	-96						
Noise Barrier Along Fanling Highway S/B													
NB62 (Ch.6745-6910)-FH S/B Side (MTRC I&P Area)													
Noise Barrier Works													
NB03170	NB62 (80-110m) Under bridge - NB post & panel installation	84.92%	30	199	20-Oct-18 A	23-Aug-19	-49						
Fanling Highway Construction													
Drainage & Road Works													
Ch 6740-6930													
RDZ20440	Z2 (CH6740-6930) : Fanling Highway N/B - road works (lane 1)	0%	31	31	29-Jun-19 A	24-Aug-19	-50						
RDZ20520	Z2 (CH6740-6930) : Fanling Highway S/B - road works (lane 1)	0%	31	24	17-May-19 A	24-Aug-19	-50						
RDZ20530	Z2 (CH6740-6930): Fanling Highway Road works (8 lanes)	0%	0	0		24-Aug-19	-50						◆ Z2 (CH6740-6930): Fanling Highway Road works
North Buffer Zone 2 (NBZ2) (within Zone 4) (Ch. 7925 to 8100)													
Bridge Construction													
New Ho Ka Yuen Footbridge													
TWSR-West/ FL Highway N/B Side Section													
HKY1520	VO11 - slope improvement work	0%	45	45	11-Sep-19	05-Nov-19	-117						
ZONE 4 (Ch. 7925 to 8700)													
Noise Barrier Along TWSR-West and Laying New Utilities													
Underground Utility Works													
DN450 DI Watermain "A" (Ch 1989-2529)													
DI0220	DN450 DI watermain laying at TWSR-W (CHA 2070)	0%	15	15	24-Aug-19	10-Sep-19	-117						
DI0230	DN450 DI watermain laying at TWSR-W (CHA 2200)	0%	15	15	20-Jun-19 A	06-Aug-19	-117						
DI0240	DN450 DI watermain laying at TWSR-W (CHA 2370)	0%	15	15	07-Aug-19	23-Aug-19	-117						
Bridge Construction													
New Wo Hop Shek Pedstrian & Cycle Bridge													
General													
WHS1110	Wo Hop Shek Bridge Complete	0%	0	0		31-Aug-19	-64						◆ Wo Hop Shek Bridge Complete
TWSR-West/ FL Highway N/B Side Section													
WHS1420	Ramp Finishes Work	86.64%	37	277	13-Jul-18 A	31-Aug-19	-64						
WHS1430	Bridge Structure complete (WHS-TWSR-W side)	0%	0	0		31-Aug-19	-64						◆ Bridge Structure complete (WHS-TWSR-W
VO152 - Additional Retaining Wall in Zone 4 Near at Grade Cycle Track and Footpath at \													
Cycle Track													

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								Jul	Aug	Sep	Oct
WHS1460	TTA for closure of slip Y lane 1 for material delivery	0%	3	3	31-Aug-19*	03-Sep-19	-263				
WHS1560	Retaining Wall construction	0%	24	24	04-Sep-19	03-Oct-19	-263				
WHS1570	Concrete Footing for railing	0%	10	10	04-Oct-19	16-Oct-19	-263				
WHS1580	Concrete Footing for Expressway boundary fence	0%	10	10	17-Oct-19	28-Oct-19	-263				
TWSR-West Construction											
Drainage & Road Works											
TWSR-West/ FL Highway N/B Side Section											
RDZ41180	TWSR -W Road Works rectification	0%	18	18	11-Sep-19	03-Oct-19	-90				
Slip Road Y Construction											
Drainage & Road Works											
TWSR-East FL Highway S/B Side Section											
RDZ41080	Construct Slip Rd Y- 2nd lane (Ch8370-8650)(SA340) (Z4	0%	36	16	20-May-19 A	30-Aug-19	-263				
RDZ41089	Slip Road Y (Ch7925-8650) complete	0%	0	0		30-Aug-19	-263				
30-Aug-19 ◆ Slip Road Y (Ch7925-8650) complete											
Fanling Highway Construction											
Drainage & Road Works											
TWSR-West/ FL Highway N/B Side Section											
RDZ41170	Complete Slip road V and associated slope work	71.43%	10	35	20-Jun-19 A	31-Jul-19	-37				
TWSR-East FL Highway S/B Side Section											
RDZ41160	Final pavement & final road marking	0%	18	18	20-Jul-19	09-Aug-19	-75				
Other Works											
TCSS Works											
TCSS Pre-Construction Works											
TCSS0180	Sign Gantry Factory production - FVMS1 (Deleted)	0%	0	0	20-Jul-19	20-Jul-19	433				
Civil Provision for TCSS Works											
TCSS2150	M12 for CCTV	0%	14	14	10-Aug-19	26-Aug-19	-73				
TCSS2160	P51 for VSLS	0%	14	14	31-Aug-19	17-Sep-19	-77				
TCSS2170	P52 for VSLS	0%	14	14	31-Aug-19	17-Sep-19	-77				
TCSS2210	Pillar box, isolator & associated duct work - PL207 for G34 & G35	0%	30	30	29-Jul-19*	31-Aug-19	-154				
TCSS2220	Pillar box, isolator & associated duct work - PL252 for G52	0%	30	30	02-Sep-19	09-Oct-19	-154				
TCSS2230	Pillar box, isolator & associated duct work - PL251 for G51 & FL01	0%	30	30	10-Oct-19	13-Nov-19	-154				
TCSS2250	FL01 mounted on top of DS53	0%	30	30	20-Jul-19	23-Aug-19	-87				
TCSS2260	FL02 mounted on top of ADS52	0%	30	30	24-Aug-19	28-Sep-19	-87				
DS50											
TCSS1850	Sign Gantry Erection - DS50 (Z4) (Deleted by Verbal instruction , VO is	0%	0	0	20-Jul-19	20-Jul-19	-27				
TCSS Hub Room											
TCSS1900	TCSS Hub Room Structure	90.36%	8	83	06-Mar-19 A	29-Jul-19	-125				
TCSS1910	TCSS Hub Room Finishes	0%	45	45	30-Jul-19	20-Sep-19	-125				
TCSS1920	TCSS Hub Room BS provision	0%	45	45	21-Sep-19	14-Nov-19	-125				
VO190 - Irrigation System near Ho Ka Yuen Footbridge											
VO190 - Irrigation System near Ho Ka Yuen Footbridge											
IS150	Material submission to WSD & approval for VO190	27.78%	65	90	30-May-19 A	05-Oct-19	-170				
IS160	Irrigation system installation near Ho Ka Yuen Footbridge	0%	52	52	08-Oct-19	06-Dec-19	-170				
VO Relocation of Traffic Sign at Pak Wo Road & Jockey Club Road											
VO Relocation of Traffic Sign at Pak Wo Road & Jockey Club Road											
TS01000	VO issue date (Assumed 21-Jan-19)	0%	0	0	20-Jul-19*		-146				
◆ VO issue date (Assumed 21-Jan-19)											
TS01010	XP application period - Pak Wo Road	92.97%	9	128	21-Jan-19 A	28-Jul-19	-187				
TS01030	TTA submission & approval	0%	30	30	20-Jul-19	23-Aug-19	-174				
TS01040	TTA	0%	2	2	24-Aug-19	26-Aug-19	-174				
TS01050	Sheet piling & excavation	0%	18	18	27-Aug-19	17-Sep-19	-174				
TS01060	Footing (FL02, ADS52)	0%	45	45	18-Sep-19	11-Nov-19	-174				
TS1160	XP application period - Jockey Club Road	92.97%	9	128	21-Jan-19 A	28-Jul-19	-187				
TS1170	TTA submission & approval	0%	30	30	20-Jul-19	23-Aug-19	-174				
TS1180	TTA	0%	2	2	24-Aug-19	26-Aug-19	-174				
TS1190	Sheet piling & excavation	0%	18	18	27-Aug-19	17-Sep-19	-174				
TS1200	Footing (DS53, FL01)	0%	45	45	18-Sep-19	11-Nov-19	-174				
Ducting Works in Traffic Signalized Junction at Pak Wo Road											
WHS Interchange											
TSJ01005	VO issued Date (Assume 14-Jun-19)	0%	0	0	20-Jul-19*		-30				
◆ VO issued Date (Assume 14-Jun-19)											
TSJ01006	Procurement & subletting	92.68%	9	123	26-Jan-19 A	02-Aug-19	-268				
TSJ01010	Site Clearance	0%	5	5	03-Aug-19	08-Aug-19	-268				
TSJ01020	Trial Pits excavation	0%	10	10	09-Aug-19	20-Aug-19	-268				
TSJ01030	Determination of proposed cable alignment	0%	14	14	21-Aug-19	05-Sep-19	-268				
TSJ01040	Duct Laying (Road Crossing) - Wo Hing Road	0%	9	9	06-Sep-19	17-Sep-19	-268				
TSJ01050	Duct Laying (Road Crossing) - Pak Wo Road	0%	42	42	18-Sep-19	07-Nov-19	-268				
Pak Wo Road and Jockey Club Road Junction											
TSJ01260	Existing MJ modified by HyD structure	0%	48	48	20-Jul-19*	13-Sep-19	-22				
TSJ01270	Road Construction & reinstatement (new 2nd stage after MJ	0%	35	35	16-Sep-19	28-Oct-19	-216				

**APPENDIX C
IMPLEMENTATION SCHEDULE OF
ENVIRONMENTAL MITIGATION MEASURES
(EMIS)**

Appendix C - Implementation Schedule of Environmental Mitigation Measures (EMIS)

Air Quality – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status		
			May 19	Jun 19	Jul 19
Air Quality during construction	Restricting heights from which materials are dropped, as far as practicable to minimize the fugitive dust arising from unloading/loading.	During construction	V	V	V
	All stockpiles of excavated materials or spoil of more than 50m ³ shall be enclosed, covered or dampened during dry or windy conditions.		@	@	@
	Effective water sprays shall be used to control potential dust emission sources such as unpaved haul roads and active construction areas.		V	@	V
	All spraying of materials and surfaces shall avoid excessive water usage.		V	V	V
	Vehicles that have the potential to create dust while transporting materials shall be covered, with the cover properly secured and extended over the edges of the side and tail boards.		V	V	V
	Materials shall be dampened, if necessary, before transportation.		V	V	V
	Travelling speeds shall be controlled to reduce traffic induced dust dispersion and re-suspension within the site from the operating haul trucks.		V	V	V
	Vehicle washing facilities shall be provided to minimize the quantity of material deposited on public roads.		V	V	V

Noise – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status		
			May 19	Jun 19	Jul 19
Noise during construction	Use of silenced plant or plant equipped with mufflers or dampers in substitute of ordinary plant.	During construction	V	V	V
	Reduce the number of equipment and their percentage on-time.		V	V	V
	3.5 m and 5.5 m high temporary noise barrier at culvert construction work area (Figure 2a of the Environmental Permit).		V*	V*	V*
	3 m high temporary noise barrier along the northern edge of Bridge 12 at ground level (Figure 2b of the Environmental Permit).		V*	V*	V*
	2 m high temporary noise barrier along the northern edge of Bridge 12 at bridge level (Figure 2b of the Environmental Permit).		V*	V*	V*
	2.5 m high temporary noise barrier along Tai Wo Service Road West (Figure 2c of the Environmental Permit).		V*	V*	V*
	3.5m and 7m high temporary noise barrier along Tai Wo Services Road West near Tai Hang (Figure 2c of the Environmental Permit).		V*	V*	V*
	7 m high temporary noise barrier along Tai Wo Service Road West near Tai Wo Footbridge work area (Figure 2d of the Environmental Permit).		V*	V*	V*
	7 m high temporary noise barrier near Kiu Tau Footbridge work area (Figure 2d of the Environmental Permit).		V*	V*	V*
	2.5 m high temporary noise barrier near river diversion work area (Figure 2e of the Environmental Permit).		V*	V*	V*
Noise during operation	Noise Barrier built based on Figure 4a – Layout of Noise Barrier of Environmental Permit.	Review of required noise barrier layout during the design stage	V*	V*	V*
	Noise Barrier built based on Figure 4b – Layout of Noise Barrier of Environmental Permit.		V*	V*	V*
	Noise Barrier built based on Figure 4c – Layout of Noise Barrier of Environmental Permit.		V*	V*	V*
	Noise Barrier built based on Figure 4d – Layout of Noise Barrier of Environmental Permit.		@	@	@

	Noise Barrier built based on Figure 4d (i) – Layout of Noise Barrier of Environmental Permit.		@	@	@
	Noise Barrier built based on Figure 4e – Layout of Noise Barrier of Environmental Permit.		@	@	@
	Noise Barrier built based on Figure 4e (i) – Layout of Noise Barrier of Environmental Permit.		@	@	@

* Permanent noise barriers have been erected.

Water Quality – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status		
			May 19	Jun 19	Jul 19
Water quality during construction	Demolition and reconstruction of bridges <ul style="list-style-type: none"> - Prevent off-site migration through use of sheet piles. - Minimise duration of works as far as practical. - All sewer and drainage connections should be sealed to prevent debris, soil, sand, etc, from entering public sewers/drains. - Site surface runoff should be settled to remove sand/silt before it is discharged into the existing storm drains. 	During construction	V	V	V
	Road Widening Works, Earthworks and Culvert Extension Works <ul style="list-style-type: none"> - Wastewater generated from any concrete batching washdown of equipment or similar activities should be discharged into foul sewers, after the removal of settleable solids, and pH adjustment as necessary. All sewage discharges from the study area should meet the TM standards and approval from EPD through the licensing process is required. - Sand traps, oil interceptors and other pollution prevention installations should be provided, properly cleaned and maintained. - Runoff from exposed working areas, unfinished slopes and from unlined temporary channels should be directed to stilling basins and/or silt traps before discharging to the drainage outfalls. - Regular inspections of stilling basins and/or silt traps is required to ensure that sediment is not conveyed into the existing drainage system. - Open stockpiles should be covered with a tarpaulin cover. - During the wet season, any exposed top soils should be covered with a tarpaulin, shotcreted or hydroseeded. - Sand and silt from wash-water from vehicle washing should be settled out before discharging into storm drains. - Fuels should be stored in bunded areas such that spillage can be easily collected. 		@	@	@

Waste – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status		
			May 19	Jun 19	Jul 19
Waste management during construction	General Waste <ul style="list-style-type: none"> - Transport of wastes off site as soon as possible. - Maintenance of accurate waste records. - Minimisation of waste generation for disposal (via reduction/recycling/re-use). - No on-site burning will be permitted. - Use of re-useable metal hoardings/signboards. 	During construction	@	@	@
	Vegetation from site clearance <ul style="list-style-type: none"> - Segregation of materials to facilitate disposal. - Mulching to reduce bulk and where possible review opportunities for the possible beneficial use within landscaping areas. 		V	V	V
	Demolition Wastes <ul style="list-style-type: none"> - Segregation of materials to facilitate disposal. - Appropriate stockpile management. 		V	V	V
	Excavated Materials <ul style="list-style-type: none"> - Segregation of materials to facilitate disposal / reuse. - Appropriate stockpile management. - Re-use of excavated material on or off site (where possible). - Special handling and disposal procedures in the event that contaminated materials are excavated. 		V	V	V
	Construction Wastes <ul style="list-style-type: none"> - Segregation of materials to facilitate recycling/reuse (within designated area in appropriate containers/stockpiles). - Appropriate stockpile management. - Planning to reduce over ordering and waste generation. - Recycling and re-use of materials where possible (e.g. metal, wood from formwork) - For material which cannot be re-used/recycled, collection should be carried out by an approved waste contractor for landfill disposal. 		@	V	V
	Bentonite Slurries <ul style="list-style-type: none"> - Bentonite slurries should be reused as far as possible. - Disposal in accordance with Practice Note For Professional Persons ProPECC PN 1/94. 		#	#	#

	<p>Chemical Wastes</p> <ul style="list-style-type: none"> - Storage within locked, covered and bunded area. - The storage area shall not be located adjacent to sensitive receivers e.g. drains. - Minimise waste production and recycle oils/solvents where possible. - A spill response procedure shall be in place and absorption material available for minor spillages. - Use appropriate and labelled containers. - Educate site workers on site cleanliness/waste management procedures. - If chemical wastes are to be generated, the contractor must register with EPD as a chemical waste producer. - The chemical wastes shall be collected by a licensed chemical waste collector. 		@	V	V
	<p>Municipal Wastes</p> <ul style="list-style-type: none"> - Waste shall be stored within a temporary refuse collection facility, in appropriate containers prior to collection and disposal. - Regular, daily collections are required by an approved waste collector. 		V	V	V

Ecology – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status		
			May 19	Jun 19	Jul 19
Ecology during construction	<p>Accurate Delineation of Works Area</p> <ul style="list-style-type: none"> - Boundaries of proposed works areas shall be clearly identified and separated from external areas by a physical barrier to prevent encroachment of adjacent habitats. - Individual trees which fall within the works areas but which work plans do not require removal are to be retained and fenced off to maximize protection. 	During construction	V	V	V
	<p>Vegetation Clearance</p> <ul style="list-style-type: none"> - No fires shall be lit within the works area for the purpose of burning cleared vegetation. - The Contractor shall give consideration to mulching the cleared vegetation for recycling within the works area / adjacent land. 		V	V	V
	<p>Dust generation</p> <p>There are a number of measures which shall be taken as specified in the Air Pollution Control (Construction Dust) Regulation on 'Dust Control Requirements, including the following key measures to be applied during construction:</p> <ul style="list-style-type: none"> - Vehicle washing facilities to be provided at every discernible or designated vehicle exit point; - All temporary site access roads shall be sprayed with water to suppress dust as necessary; - All dusty materials should be sprayed with water immediately prior to any handling; and - All debris should be covered entirely by impervious sheeting or stored in a sheltered debris collection area. 		@	@	@
	<p>Surface Run-off</p> <p>In general, mitigation measures shall be in accordance with ProPECC PN1/94 on 'Construction Site Drainage'. Key measures include:</p> <ul style="list-style-type: none"> - Bund and cover stock piles to avoid run-off; - Channel any run-off through a system of oil, grease and sediment / silt traps and reuse water on site where ever practical; - All vehicle maintenance to be undertaken within a bunded area; and - Maximise vegetation retention on-site to maximise absorption (minimise transport). 		@	@	@

Landscape and Visual Impact – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status		
			May 19	Jun 19	Jul 19
Landscape & Visual during construction	Preservation of Existing Vegetation - Trees identified for retention within the project limit would be protected during the works; - The tree transplanting and planting works shall be implemented by approved Landscape Contractors.	During construction	V	V	V
	Temporary Works Areas - Where feasible the works areas would be screened using hoarding and existing vegetation would be retained where possible to reduce the landscape and visual impacts arising from the construction activity. The landscape of these works areas would be restored following the completion of the construction phase.		V	V	V
	Hoarding - A hoarding would be erected where practicable in the most visually sensitive locations to screen the temporary construction works from the local VSRs.		V	V	V
	Top Soils - The works will result in disturbance to extensive areas of topsoil. Topsoil worthy of retention should be stockpiled for use following completion of the civil engineering works. It should either be temporarily vegetated with hydroseeded grass or turned over on a regular basis.		#	#	#
	Protection of Important Landscape Features - Important features such as temples, Island House and kilns within the study area, although remote from the proposed works retained and adequately protected.		#	#	#

Legend:

- V = implemented;
- x = not implemented;
- @ = partially implemented;
- + = recommended and immediately implemented during the site inspection by the Contractor;
- N/A = not applicable - No such work was undertaken or no such material was used on site;
- # = to be implemented.

**APPENDIX D
SUMMARY OF ACTION AND LIMIT LEVELS**

Appendix D - Summary of Action and Limit Levels

Table 1 – Action and Limit Levels for 1-hour TSP

Location	Action Level	Limit Level
AM2	317.8 µg/m ³	500 µg/m ³

Table 2 – Action and Limit Levels for 24-hour TSP

Location	Action Level	Limit Level
AM2	200.7 µg/m ³	260 µg/m ³

Table 3 – Action and Limit Levels for Construction Noise (0700-1900 hrs of normal weekdays)

Location	Action Level	Limit Level
M2	When one documented complaint, related to 0700 – 1900 hours on normal weekdays, is received from any one of the sensitive receivers	75 dB(A)
M3*		65/70 dB(A)

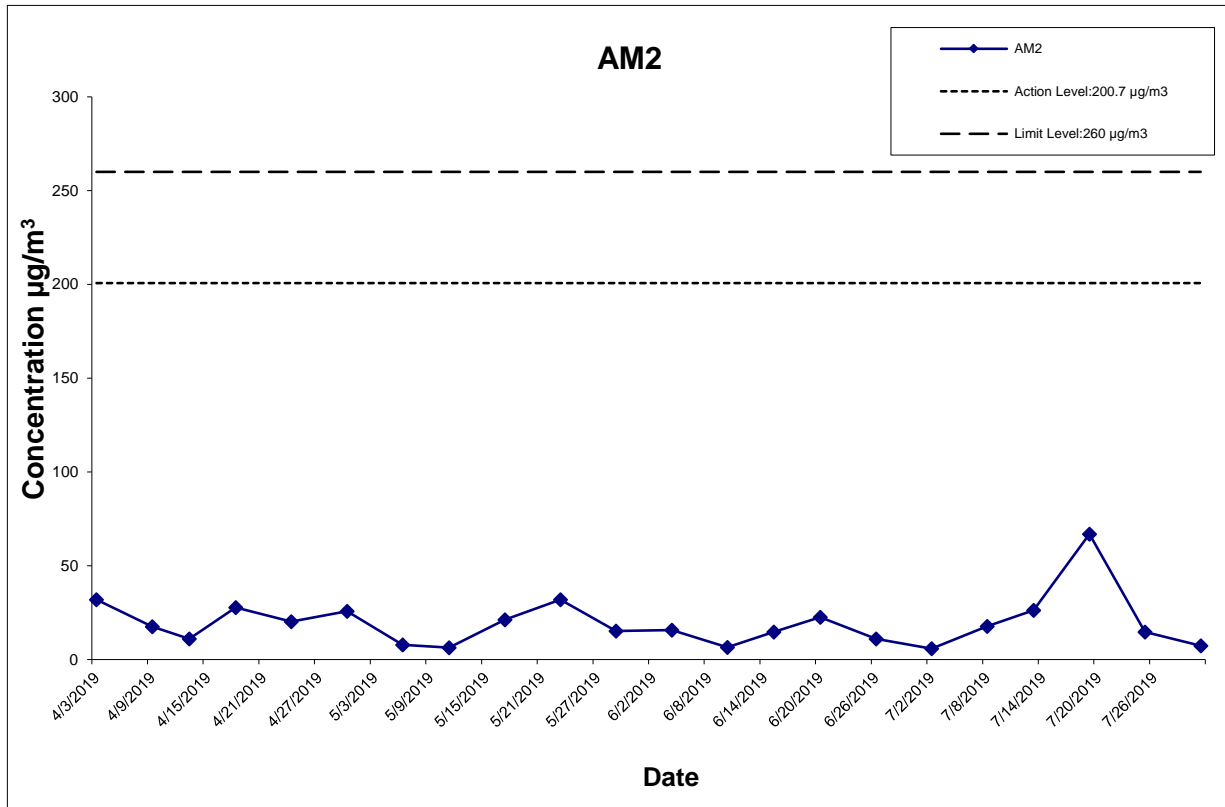
*Daytime noise Limit Level of 70 dB(A) applies to education institutions, while 65dB(A) applies during school examination period

**APPENDIX E
IMPACT AIR QUALITY MONITORING
RESULTS AND THEIR GRAPHICAL
PRESENTATION**

Impact Air Quality Monitoring Results

24-hour TSP Monitoring Results at Station AM2 (Fanling Government Secondary School)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	Flow Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)	Actino Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final				
3-Apr-19	Sunny	22.8	1016.9	1.324	1.324	1.324	1906.6	2.6710	2.7321	0.0611	11658.02	11682.02	24.00	32.0	200.7	260
9-Apr-19	Sunny	26.6	1011.1	1.324	1.324	1.324	1906.6	2.6838	2.7174	0.0336	11682.02	11706.02	24.00	17.6	200.7	260
13-Apr-19	Cloudy	21.2	1014.3	1.324	1.324	1.324	1906.6	2.6810	2.7020	0.0210	11706.02	11730.02	24.00	11.0	200.7	260
18-Apr-19	Cloudy	24.0	1010.0	1.324	1.324	1.324	1906.6	2.6672	2.7200	0.0528	11730.02	11754.02	24.00	27.7	200.7	260
24-Apr-19	Sunny	28.0	1009.9	1.324	1.324	1.324	1906.6	2.6885	2.7272	0.0387	11754.02	11778.02	24.00	20.3	200.7	260
30-Apr-19	Cloudy	26.7	1008.0	1.324	1.324	1.324	1906.6	2.6584	2.7075	0.0491	11778.02	11802.02	24.00	25.8	200.7	260
6-May-19	Cloudy	21.8	1008.7	1.324	1.324	1.324	1906.6	2.6757	2.6908	0.0151	11802.02	11826.02	24.00	7.9	200.7	260
11-May-19	Cloudy	25.3	1011.5	1.324	1.324	1.324	1906.6	2.7050	2.7172	0.0122	11826.02	11850.02	24.00	6.4	200.7	260
17-May-19	Sunny	29.6	1005.5	1.324	1.324	1.324	1906.6	2.6954	2.7361	0.0407	11850.02	11874.02	24.00	21.3	200.7	260
23-May-19	Fine	25.9	1010.2	1.324	1.324	1.324	1906.6	2.6916	2.7525	0.0609	11874.02	11898.02	24.00	31.9	200.7	260
29-May-19	Sunny	24.7	1009.9	1.324	1.324	1.324	1906.6	2.6961	2.7253	0.0292	11898.02	11922.02	24.00	15.3	200.7	260
4-Jun-19	Rainy	28.0	1008.6	1.324	1.324	1.324	1906.6	2.6792	2.7094	0.0302	11922.02	11946.02	24.00	15.8	200.7	260
10-Jun-19	Rainy	29.5	1003.5	1.324	1.324	1.324	1906.6	2.6907	2.7032	0.0125	11946.02	11970.02	24.00	6.6	200.7	260
15-Jun-19	Rainy	28.6	1005.3	1.324	1.324	1.324	1906.6	2.6822	2.7102	0.0280	11970.02	11994.02	24.00	14.7	200.7	260
20-Jun-19	Rainy	30.1	1006.9	1.324	1.324	1.324	1906.6	2.6780	2.7211	0.0431	11994.02	12018.02	24.00	22.6	200.7	260
26-Jun-19	Fine	28.6	1004.0	1.324	1.324	1.324	1906.6	2.6573	2.6785	0.0212	12018.02	12042.02	24.00	11.1	200.7	260
2-Jul-19	Rainy	28.9	1001.4	1.324	1.324	1.324	1906.6	2.6900	2.7010	0.0110	12042.02	12066.02	24.00	5.8	200.7	260
8-Jul-19	Cloudy	30.1	1005.6	1.324	1.324	1.324	1906.6	2.7079	2.7416	0.0337	12066.02	12090.02	24.00	17.7	200.7	260
13-Jul-19	Rainy	30.1	1005.4	1.324	1.324	1.324	1906.6	2.6751	2.7253	0.0502	12090.02	12114.02	24.00	26.3	200.7	260
19-Jul-19	Cloudy	29.5	1001.2	1.324	1.324	1.324	1906.6	2.7017	2.8292	0.1275	12114.02	12138.02	24.00	66.9	200.7	260
25-Jul-19	Sunny	30.1	1008.0	1.324	1.324	1.324	1906.6	2.6855	2.7137	0.0282	12138.02	12162.02	24.00	14.8	200.7	260
31-Jul-19	Rainy	26.2	1002.0	1.324	1.324	1.324	1906.6	2.6636	2.6777	0.0141	12162.02	12186.02	24.00	7.4	200.7	260
Average for the reporting quarter (May 19 to Jul 19)													18.3			
Minimum for the reporting quarter (May 19 to Jul 19)													5.8			
Maximum for the reporting quarter (May 19 to Jul 19)													66.9			



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CONTRACT NO. HY/2012/06
 WIDENING OF FANLING HIGHWAY
 - TAI HANG TO WO HOP SHEK INTERCHANGE



Graphical Presentation of Impact 24-hour TSP Monitoring Results

Project No.: 60307376

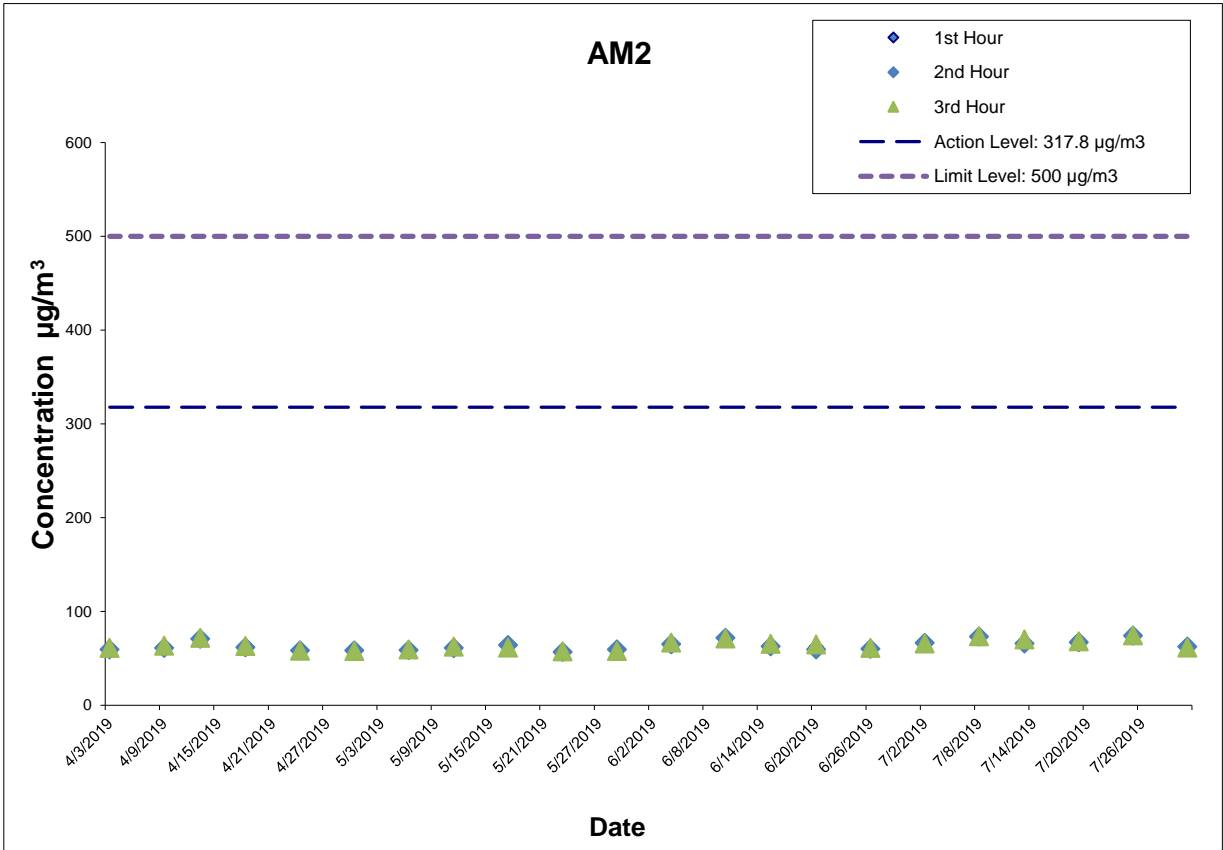
Date: Aug-19

Appendix E

Impact Air Quality Monitoring Results

1-hour TSP Monitoring Results at Station AM2 (Fangling Government Secondary School)

Date	Start Time (hh:mm)	1st Hour	2nd Hour	3rd Hour
		Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)
3-Apr-19	10:05	58.2	59.7	61.3
9-Apr-19	10:05	62.3	61.3	63.5
13-Apr-19	13:15	71.3	70.8	71.9
18-Apr-19	10:00	59.9	61.9	63.3
24-Apr-19	9:30	57.2	58.6	58.3
30-Apr-19	13:00	58.2	58.6	57.9
6-May-19	13:00	58.1	58.8	59.7
11-May-19	13:05	58.6	61.3	62.7
17-May-19	14:05	63.6	64.2	61.5
23-May-19	9:00	58.4	56.9	57.4
29-May-19	14:05	58.5	59.4	57.8
4-Jun-19	10:45	62.7	65.2	66.8
10-Jun-19	13:15	71.1	71.8	71.3
15-Jun-19	14:05	61.3	62.9	65.5
20-Jun-19	11:05	62.5	59.7	65.0
26-Jun-19	13:30	58.9	60.3	61.2
2-Jul-19	9:55	67.2	66.5	65.9
8-Jul-19	10:05	72.9	73.3	73.7
13-Jul-19	10:15	66.7	65.8	70.4
19-Jul-19	13:30	69.6	67.2	68.4
25-Jul-19	13:20	73.7	74.2	74.5
31-Jul-19	9:50	64.1	62.5	61.7
Average for the reporting quarter (May 19 to Jul 19)				64.6
Minimum for the reporting quarter (May 19 to Jul 19)				56.9
Maximum for the reporting quarter (May 19 to Jul 19)				74.5



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CONTRACT NO. HY/2012/06
 WIDENING OF FANLING HIGHWAY
 - TAI HANG TO WO HOP SHEK INTERCHANGE



Graphical Presentation of Impact 1-hour TSP Monitoring Results

Project No.: 60307376

Date: Aug-19

Appendix E

**APPENDIX F
METEROLOGICAL DATA**

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Daily Extract of Meteorological Observations , May 2019

Year Month

Day	Hong Kong Observatory								King's Park	Waglan Island [^]	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
01	1009.1	27.1	25.4	23.8	21.1	78	85	0.2	3.0	***	***
02	1012.1	24.4	23.0	21.7	19.2	80	89	0.5	0.2	***	***
03	1014.5	24.0	21.8	19.3	18.2	81	91	5.3	1.7	***	***
04	1013.2	23.6	22.6	21.0	18.1	76	88	8.4	0.0	***	***
05	1009.4	22.3	21.7	20.9	20.6	93	94	8.3	0.0	***	***
06	1008.7	22.8	21.8	20.0	20.1	90	95	11.3	0.0	***	***
07	1010.2	21.4	20.5	18.9	18.3	87	95	17.0	0.0	***	***
08	1009.3	21.2	20.4	19.8	18.3	88	93	25.1	0.0	***	***
09	1008.1	26.3	22.7	20.2	21.1	90	92	10.0	1.0	***	***
10	1010.0	26.7	23.9	22.7	21.6	87	63	0.0	3.4	***	***
11	1011.5	28.9	25.3	22.8	20.8	76	14	0.0	11.3	***	***
12	1011.2	28.9	25.5	23.5	21.7	80	57	0.0	9.7	***	***
13	1010.5	26.3	25.1	23.9	23.1	89	92	Trace	0.5	***	***
14	1009.2	31.1	27.5	25.2	24.4	84	64	0.0	8.0	***	***
15	1009.1	30.9	28.5	26.4	25.6	85	85	Trace	1.8	***	***
16	1007.4	31.5	29.2	27.8	26.0	83	82	0.8	5.0	***	***
17	1005.5	31.6	29.6	28.4	25.9	80	82	0.1	3.9	***	***
18	1005.2	32.3	30.0	28.5	26.1	80	77	Trace	9.0	***	***
19	1006.9	32.3	30.2	29.2	26.3	80	79	0.0	7.2	***	***
20	1008.0	32.0	29.1	25.0	25.9	83	85	9.0	2.7	***	***
21	1010.8	26.5	25.0	22.6	21.6	82	91	3.3	0.2	***	***
22	1010.1	28.3	25.3	22.6	22.1	83	77	0.7	8.6	***	***
23	1010.2	26.8	25.9	24.7	24.1	90	89	6.5	0.1	***	***
24	1011.0	25.8	24.8	23.8	23.4	92	97	21.5	0.1	***	***
25	1008.8	28.9	26.7	25.1	24.9	90	89	2.4	1.2	***	***
26	1007.8	28.1	26.5	24.7	25.0	92	83	15.1	2.5	***	***
27	1008.1	28.0	26.5	25.4	25.2	93	87	27.8	0.0	***	***
28	1008.7	27.7	25.9	23.9	24.6	92	87	43.9	0.9	***	***
29	1009.9	25.7	24.7	23.4	23.1	91	95	3.2	0.0	***	***
30	1010.1	25.9	24.4	23.2	22.5	89	97	3.2	1.0	***	***
31	1008.7	26.7	25.7	25.0	24.4	93	93	11.0	0.1	***	***
Mean/Total	1009.5	27.2	25.3	23.7	22.7	86	83	234.6	83.1	***	***
Normal [§]	1009.3	28.4	25.9	24.1	22.6	83	76	304.7	140.4	080	19.7

*** unavailable

[^] Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since January 1989

Trace means rainfall less than 0.05 mm

[§] 1981-2010 Climatological Normal, unless otherwise specified

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Daily Extract of Meteorological Observations , June 2019

Year Month

Day	Hong Kong Observatory								King's Park	Waglan Island [^]	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
01	1007.5	30.6	27.2	24.9	24.7	87	85	32.6	2.0	***	***
02	1007.2	31.2	27.2	25.4	24.6	86	81	3.0	4.5	***	***
03	1007.3	30.2	27.5	25.3	24.7	85	83	34.1	3.8	***	***
04	1008.6	31.1	28.0	25.9	25.9	89	84	38.1	3.4	***	***
05	1009.5	32.6	29.4	27.4	25.9	82	78	0.0	7.3	***	***
06	1010.4	33.0	30.2	28.5	25.9	78	76	Trace	7.8	***	***
07	1010.4	33.2	30.1	28.6	25.5	77	72	0.0	9.9	***	***
08	1008.5	32.4	30.1	28.2	25.4	76	76	1.1	9.6	***	***
09	1005.4	32.3	30.1	28.4	26.0	79	82	4.1	6.4	***	***
10	1003.5	31.7	29.5	25.8	25.7	81	86	3.3	2.3	***	***
11	1004.4	29.4	27.5	24.6	25.9	91	90	111.6	0.3	***	***
12	1005.3	29.6	27.5	26.5	25.8	91	89	1.5	1.4	***	***
13	1003.0	30.7	27.7	25.5	25.6	88	90	55.8	0.2	***	***
14	1002.4	31.6	28.4	25.4	23.5	76	58	16.5	10.7	***	***
15	1005.3	31.4	28.6	26.4	23.4	74	42	Trace	11.1	***	***
16	1006.5	30.1	27.9	26.8	24.1	80	77	0.0	9.0	***	***
17	1007.3	28.7	27.6	26.8	25.3	88	87	4.7	0.5	***	***
18	1008.1	30.0	28.6	27.5	26.4	88	82	11.1	2.4	***	***
19	1007.8	31.7	28.9	26.5	26.4	87	84	14.0	2.8	***	***
20	1006.9	32.5	30.1	28.2	26.1	80	66	0.5	9.2	***	***
21	1005.9	32.8	30.8	29.5	26.3	77	79	0.7	8.7	***	***
22	1004.7	33.0	30.7	28.7	26.4	78	81	0.7	8.9	***	***
23	1004.8	32.2	30.3	29.1	26.4	80	84	3.2	3.9	***	***
24	1006.2	30.6	29.1	24.7	26.2	85	88	16.8	0.2	***	***
25	1006.7	29.7	27.2	24.8	25.1	89	88	35.4	0.4	***	***
26	1004.0	31.4	28.6	26.1	26.0	86	78	0.9	3.7	***	***
27	1001.7	32.5	30.2	28.3	26.9	83	78	3.5	5.3	***	***
28	1001.7	32.7	30.5	29.3	27.1	82	77	2.2	5.3	***	***
29	1001.6	33.3	31.0	29.5	26.8	79	72	0.6	6.5	***	***
30	1001.6	33.0	29.5	26.9	26.7	85	74	33.1	6.4	***	***
Mean/Total	1005.8	31.5	29.0	27.0	25.7	83	79	429.1	153.9	***	***
Normal [§]	1006.1	30.2	27.9	26.2	24.6	82	77	456.1	146.1	220	22.9

*** unavailable

[^] Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since January 1989

Trace means rainfall less than 0.05 mm

[§] 1981-2010 Climatological Normal, unless otherwise specified

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Daily Extract of Meteorological Observations , July 2019

Year Month

Day	Hong Kong Observatory								King's Park	Waglan Island [^]	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
01	1001.6	33.2	30.0	26.8	26.5	82	72	15.3	8.5	***	***
02	1001.4	31.1	28.9	26.3	26.0	85	82	19.1	3.5	***	***
03	1004.0	28.7	26.6	25.5	25.7	95	93	79.1	0.0	***	***
04	1006.3	32.3	29.1	27.0	26.0	84	85	13.0	2.4	***	***
05	1004.9	32.0	29.5	26.8	25.4	79	83	1.3	7.4	***	***
06	1003.5	31.6	29.8	27.9	25.9	80	85	1.5	3.8	***	***
07	1004.7	31.4	29.7	28.9	26.0	81	88	4.3	1.8	***	***
08	1005.6	32.3	30.1	29.1	26.1	79	85	0.1	1.7	***	***
09	1003.4	31.7	30.0	28.7	26.1	80	88	6.0	3.5	***	***
10	1003.5	30.2	28.6	26.5	26.0	86	88	14.3	0.0	***	***
11	1007.5	30.9	28.8	27.5	26.1	86	87	6.0	1.1	***	***
12	1007.4	32.3	29.9	28.1	26.0	80	82	2.6	6.1	***	***
13	1005.4	32.2	30.1	29.2	25.6	77	88	Trace	6.5	***	***
14	1004.0	32.3	30.1	29.2	26.0	79	85	Trace	2.4	***	***
15	1004.8	33.7	30.4	28.7	26.0	77	74	0.0	9.6	***	***
16	1004.7	33.4	30.3	28.4	25.5	76	47	0.0	10.9	***	***
17	1001.4	33.1	30.5	28.3	26.5	79	66	0.0	6.2	***	***
18	998.7	35.0	31.3	29.6	26.4	75	53	Trace	9.5	***	***
19	1001.2	32.8	29.5	26.9	26.3	83	73	22.6	1.9	***	***
20	1005.2	31.9	28.6	26.6	26.1	87	85	6.4	2.8	***	***
21	1006.4	31.5	29.3	27.3	26.1	83	85	0.1	6.2	***	***
22	1005.5	31.5	29.2	27.1	25.7	82	88	0.4	1.5	***	***
23	1005.3	32.7	29.5	27.2	25.8	80	75	Trace	6.8	***	***
24	1006.6	33.1	30.0	28.4	26.3	81	68	Trace	6.3	***	***
25	1008.0	32.6	30.1	28.3	25.9	79	62	1.0	7.1	***	***
26	1006.9	33.5	30.7	28.8	25.8	76	63	Trace	11.4	***	***
27	1005.8	33.3	30.6	29.0	25.7	76	78	0.0	10.4	***	***
28	1006.6	32.3	29.6	28.0	25.7	80	77	0.5	3.0	***	***
29	1006.6	31.4	28.8	27.4	25.4	82	79	1.0	3.3	***	***
30	1004.5	31.5	28.9	26.7	25.6	82	84	12.8	4.8	***	***
31	1002.0	28.1	26.2	24.5	24.6	91	91	121.1	0.1	***	***
Mean/Total	1004.6	32.1	29.5	27.7	25.9	81	79	328.5	150.5	***	***
Normal [§]	1005.7	31.4	28.8	26.8	25.1	81	69	376.5	212.0	230	21.3

*** unavailable

[^] Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since January 1989

Trace means rainfall less than 0.05 mm

[§] 1981-2010 Climatological Normal, unless otherwise specified

**APPENDIX G
IMPACT DAYTIME CONSTRUCTION NOISE
MONITORING RESULTS AND THEIR
GRAPHICAL PRESENTATION**

Location : M2 (West Tai Wo - Free Field)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Measured Noise Level for 30-min, dB(A)				Limit Level, dB(A)	Exceedance (Y/N)
	Start Time	Leq*	L10*	L90*		
3-Apr-19	11:00	68.4	69.5	65.0	75	N
9-Apr-19	11:00	68.1	69.5	66.0	75	N
18-Apr-19	10:55	66.7	68.5	64.0	75	N
24-Apr-19	10:00	64.8	66.5	62.7	75	N
30-Apr-19	13:30	68.6	70.2	66.9	75	N
6-May-19	13:20	66.7	67.5	63.5	75	N
17-May-19	15:00	66.8	69.5	64.0	75	N
23-May-19	14:00	68.7	70.4	66.5	75	N
29-May-19	14:20	65.5	66.5	63.0	75	N
4-Jun-19	10:50	68.7	70.4	66.8	75	N
10-Jun-19	14:25	67.8	69.5	65.5	75	N
20-Jun-19	13:25	68.8	70.6	65.2	75	N
26-Jun-19	14:15	68.9	70.4	66.3	75	N
2-Jul-19	11:40	69.7	72.4	68.1	75	N
8-Jul-19	11:05	67.3	69.5	66.0	75	N
19-Jul-19	14:20	67.1	68.5	63.0	75	N
25-Jul-19	14:20	66.4	68.5	64.0	75	N
31-Jul-19	11:05	66.8	68.7	64.1	75	N
Minimum for May 19 to Jul 19		65.5	66.5	63.0		
Maximum for May 19 to Jul 19		69.7	72.4	68.1		
Average for May 19 to Jul 19		67.8	69.7	65.4		

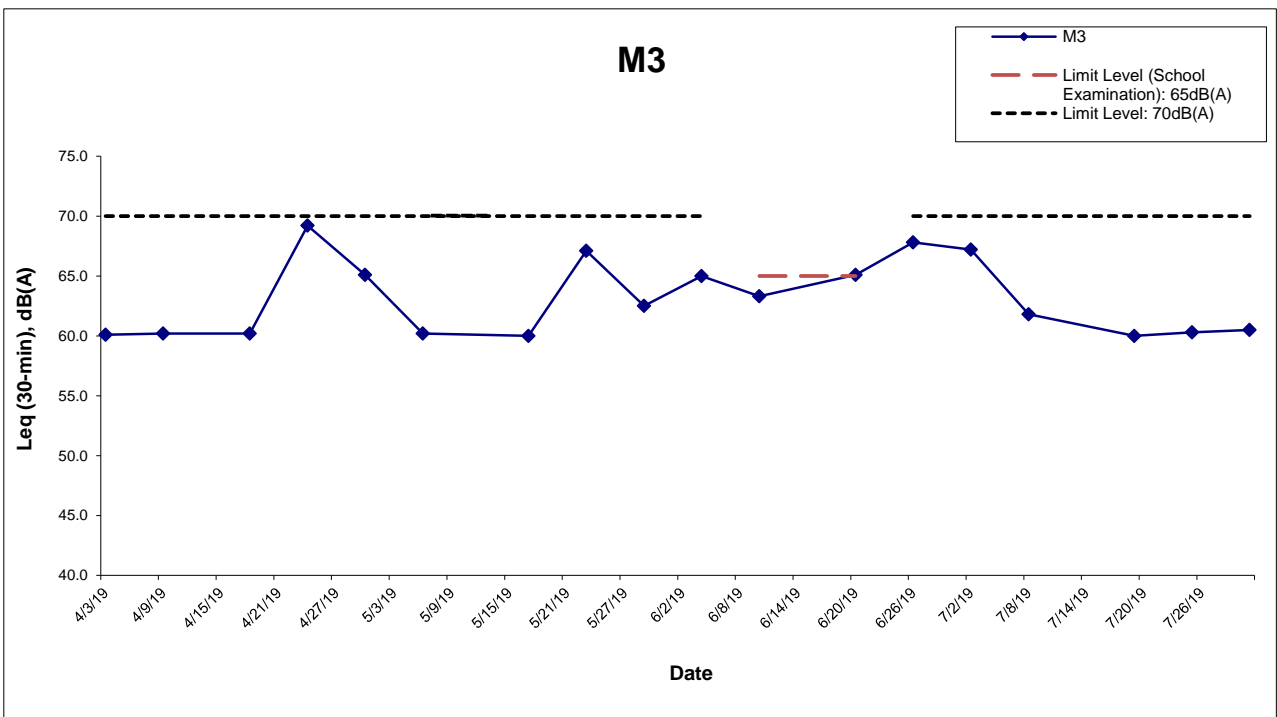
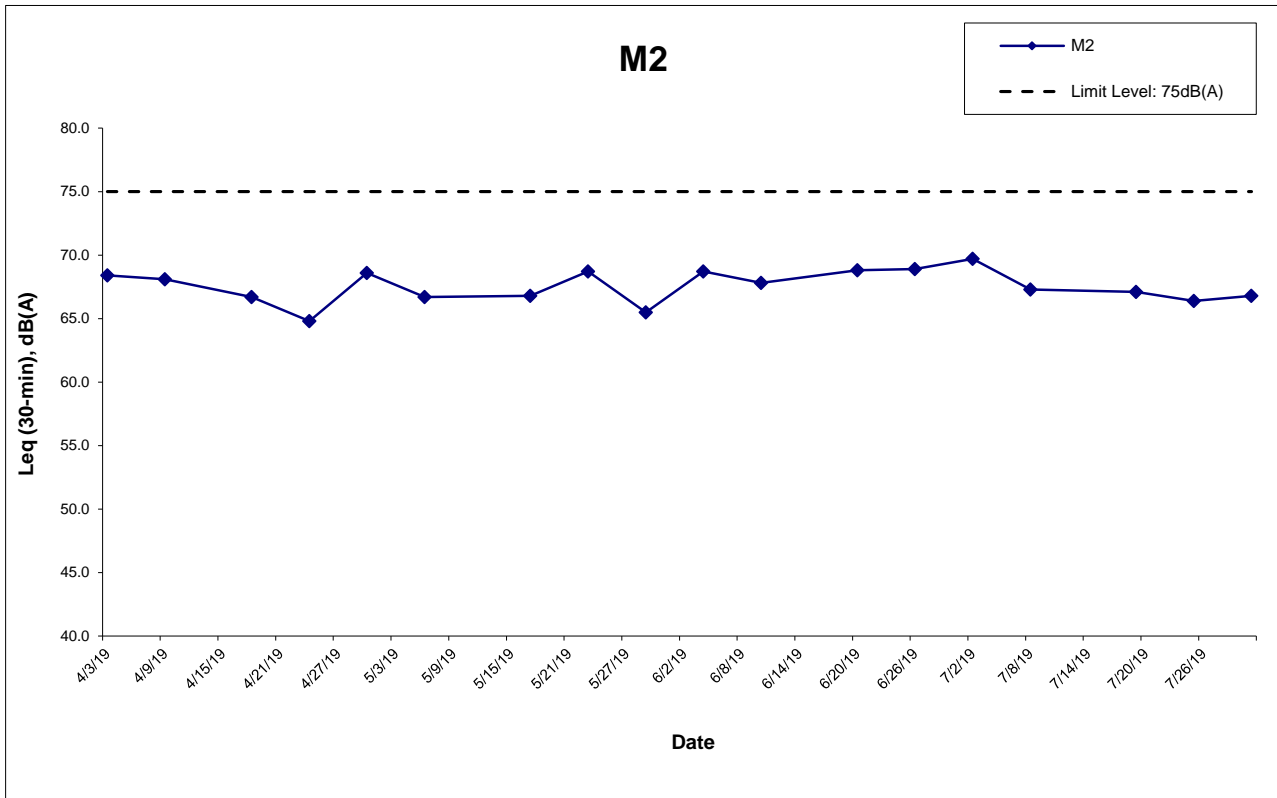
Location : M3 (Fanling Government Secondary School- Façade)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Measured Noise Level for 30-min, dB(A)				Limit Level, dB(A)^	Exceedance (Y/N)
	Start Time	Leq*	L10	L90		
3-Apr-19	10:05	60.1	61.0	54.5	70	N
9-Apr-19	10:05	60.2	61.0	57.5	70	N
18-Apr-19	10:00	60.2	61.0	56.5	70	N
24-Apr-19	9:20	69.2	71.3	67.8	70	N
30-Apr-19	14:15	65.1	66.9	63.7	70	N
6-May-19	13:00	60.2	61.5	56.5	70	N
17-May-19	14:05	60.0	61.0	56.5	70	N
23-May-19	14:45	67.1	69.0	64.0	70	N
29-May-19	14:05	62.5	63.5	60.0	70	N
4-Jun-19	13:00	65.0	66.3	62.3	70	N
10-Jun-19	13:20	63.3	66.0	61.5	65	N
20-Jun-19	14:35	65.1	66.8	63.5	65	Y
26-Jun-19	15:00	67.8	69.3	65.2	70	N
2-Jul-19	9:50	67.2	69.4	65.1	70	N
8-Jul-19	10:10	61.8	63.5	60.0	70	N
19-Jul-19	13:30	60.0	61.0	56.0	70	N
25-Jul-19	13:25	60.3	62.0	57.0	70	N
31-Jul-19	9:55	60.5	62.7	58.2	70	N
Minimum for May 19 to Jul 19		60.0	61.0	56.0		
Maximum for May 19 to Jul 19		67.8	69.4	65.2		
Average for May 19 to Jul 19		64.1	65.9	61.6		

* +3dB(A) Façade effect correction included

^ Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period. Examination period of Fanling Government Secondary School (M3) in this reporting period is 10 - 25 June 2019.



Remark:

^ Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period. Examination period of Fanling Government Secondary School (M3) in this reporting period is 10 - 25 June 2019.

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CONTRACT NO. HY/2012/06
 WIDENING OF FANLING HIGHWAY
 - TAI HANG TO WO HOP SHEK INTERCHANGE



Graphical Presentation of Impact Daytime Construction Noise
 Monitoring Results

Project No.: 60307376

Date: Aug-19

Appendix G

**APPENDIX H
STATISTICS ON COMPLAINTS,
NOTIFICATION OF SUMMONS AND
SUCCESSFUL PROSECUTIONS**

Appendix H

Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Contract No. HY/2012/06 – Widening of Fanling Highway – Tai Hang to Wo Hop Shek Interchange

	Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
Environmental complaints	19 December 2013	EPD referred a complaint from Lot no. 116 of Fui Sha Wai at Tai Hang of Tai Po which is concerned about the construction noise and diesel-like smell generated from construction activities nearby which caused nuisance and health problems on 19 December 2013 morning.	Closed	0	8
	24 February 2014	EPD referred an air-and-odour complaint on 24 February 2014. The complainant complained about the construction site located near the bus stop in Fui Sha Wai, Tai Hang, Tai Wo Service Road West. When construction works were carried out, odour, white smoke and dust were generated. The complainant asked for follow-up actions.	Closed		

Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
23 October 2014	<p>EPD referred an air complaint on 24 October 2014.</p> <p>A resident complained against the excavation works of Tai Wo Service Road West between Nam Wah Po & Tai Hang Tsuen, which have piled up high stockpiles, causing serious dust nuisance to his house.</p> <p>The resident also complained that the stockpiles have not been covered and watered properly. He now requires the EPD to follow up. The location of complaint is near Lamppost Location EB5717.</p>	Closed		
31 December 2014	<p>EPD referred a water complaint on 31 December 2014.</p> <p>The complainant complained about the muddy river outside Tai Hang Village Office on 29 December 2014. It was suspected that the muddy water was discharged from the construction works of the Project. He required the EPD to follow up.</p>	Closed		
25 March 2015	<p>EPD referred a water complaint on 25 March 2015.</p> <p>The complainant complained about the generation of the smell of gasoline from the Widening of Fanling Highway construction site on Tai Wo Service Road West, causing serious nuisance to nearby houses.</p> <p>The situation has continued for a few weeks and she asked the EPD to follow up as soon as possible.</p>	Closed		

Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
<p>5 January 2017 (Referred by the Contractor on 13 January 2017)</p>	<p>A complaint was received by the 1823 enquiry and complaint hotline on 5 January 2017. The complaint was referred to the Environmental Team by the Contractor on 13 January 2017.</p> <p>The complainant complained against the dust emission generated by the Widening of Fanling Highway construction site on Tai Wo Service Road West near Tai Hang Village.</p> <p>The complainant also complained that Highway Department did not conduct road surface cleansing, which affects residents' health. He/she now requires the Highway Department to follow up.</p>	<p>Closed</p>		
<p>22 May 2017 (Referred by the Contractor on 23 May 2017)</p>	<p>A complaint was received by the 1823 enquiry and complaint hotline on 22 May 2017. The complaint was referred to the Environmental Team by the Contractor on 23 May 2017.</p> <p>A complainant complained that construction noise was caused by the erection of noise barrier on Tai Wo Service Road West near Tai Hang Village on Sunday(s).</p> <p>The complainant concerned about if any Construction Noise Permit is issued by the Environmental Protection Department.</p>	<p>Closed</p>		

	Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
	25 February 2018 (Referred by the Contractor on 1 March 2018)	<p>The 1823 enquiry and complaint hotline received a complaint on 25 February 2018. The complaint was referred to the Environmental Team by the Contractor on 1 March 2018.</p> <p>A complainant complained that noise nuisance was caused continuously by road construction works at Fanling Highway near Tai Hang Village during 01:30 to 04:00 on 25 February 2018.</p> <p>The complainant concerned that the nuisance affects residence and asked for follow-up action from the related department.</p>			
Notification of summons	-	-	-	0	0
Successful Prosecutions	-	-	-	0	0

Contract No. 02/HY/2015 – Provision of Bus-Bus Interchange on Fanling Highway Kowloon Bound

	Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
Environmental complaints	-	-	-	0	0
Notification of summons	-	-	-	0	0
Successful Prosecutions	-	-	-	0	0