

**Environmental Protection Department**

Contract No. HY/2012/06

**Widening of Fanling Highway  
– Tai Hang to Wo Hop Shek  
Interchange**

**Quarterly EM&A Report  
for August 2019 to October 2019**

[11/2019]

	Name	Signature
Prepared & Checked:	Alex Chan	
Reviewed & Approved:	Y W Fung	

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**Your Reference**

**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 August 2019 to October 2019 for the portion of Stage 2 works under Contract No. HY/2012/06**

**Our Reference**

AFK/EC/ST/cy/T329380/2  
2.05/L-0293

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28 November 2019

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We refer to the Quarterly EM&A Summary Report for August 2019 to October 2019 for the captioned Project received on 25 November 2019 submitted by ET via email. We confirm we have no comment.

Yours faithfully

for MOTT MACDONALD HONG KONG LIMITED



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Independent Environmental Checker,

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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 August 2019 and 31 October 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
- Sign gantry installation
- Road pavement and resurfacing
- 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 or Limit 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.

### **Complaint, Notification of Summons and Successful Prosecution**

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

One (1) noise-related complaint was received on 28 October 2019. The complainant was regarded to the use of powered mechanical equipment not in accordance with the conditions stipulated in the Construction Noise Permit (CNP) - GW-RN0602-19 in Pak Wo Road near Fanling Highway on 24 September 2019. The complaint was considered non-project related.

### **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
<b>ER</b> (Hyder-Arup-Black & Veatch Joint Venture)	Chief Resident Engineer	Edwin Chung	6115 0818	2638 0950
<b>IEC</b> (Mott MacDonald Hong Kong Limited)	Independent Environmental Checker	Steven Tang	2828 5920	2827 1823
<b>Contractor of [HY/2012/06]</b>  (China State Construction Engineering (Hong Kong) Limited)	Environmental Officer	Michael Tsang	9277 4956	2672 2501
		C C Chow	9679 6315	2672 2501
<b>Contractor of [02/HY/2015]</b>  (Chiu Hing Construction & Transportation Company Limited)	Safety Officer	Marty Tai	9106 5318	-
<b>ET</b> (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
- Sign gantry installation
- Road pavement and resurfacing
- 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 sunny, occasionally fine, cloudy and rainy 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 ( $\mu\text{g}/\text{m}^3$ )
<b>AM2</b> (Fanling Government Secondary School)	64.7	58.1 – 76.8	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 ( $\mu\text{g}/\text{m}^3$ )
<b>AM2</b> (Fanling Government Secondary School)	27.9	13.5 – 49.8	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)) $L_{\text{eq}}$ (30 mins)	Range (dB(A)) $L_{\text{eq}}$ (30 mins)	Limit Level (dB(A)) $L_{\text{eq}}$ (30 mins)
<b>M2*</b> (West Tai Wo)	67.8	53.4 – 70.6	75
<b>M3#</b> (Fanling Government Secondary School)	63.0	53.8 – 67.4	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 or Limit 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 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, 4,961 m<sup>3</sup> of inert C&D material was generated in the reporting period 370 m<sup>3</sup> was broken concrete, 2,510 m<sup>3</sup> was reused in the Contract, 862 m<sup>3</sup> was reused in other Projects and 1,219 m<sup>3</sup> was disposed as public fill to Tuen Mun 38. 520 m<sup>3</sup> of general refuse was disposed of at NENT landfill. 0 kg of metals, 862 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	1,219 m <sup>3</sup>	Tuen Mun 38
Broken concrete	370 m <sup>3</sup>	Tuen Mun 38
C&D wastes disposed as general refuse	520 m <sup>3</sup>	NENT Landfill
Paper/cardboard packaging	409 kg	Recycling Facilities
Plastics	2548 kg	Recycling Facilities
Metals	0 kg	Recycling Facilities
C&D materials reused on site	2,510 m <sup>3</sup>	Site Area
C&D materials reused in other projects	862 m <sup>3</sup>	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 or Limit 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.

## 7 SUMMARY OF COMPLAINTS, NOTIFICATIONS OF SUMMONS AND SUCCESSFUL PROSECUTIONS

- 7.1.1 No notification of summons and successful prosecution was received in the reporting period.
- 7.1.2 One (1) noise-related complaint was received on 28 October 2019. The complainant was regarded to the use of powered mechanical equipment not in accordance with the conditions stipulated in the Construction Noise Permit (CNP) - GW-RN0602-19 in Pak Wo Road near Fanling Highway on 24 September 2019. The complaint was considered non-project related.
- 7.1.3 The statistics on complaints, notifications of summons and successful prosecutions are summarized in Appendix H.
- 7.1.4 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 cover the exposed stockpiles of dusty materials entirely with impervious sheeting for dust suppression.
- The Contractor was advised to affix a proper NRMM label to the equipment before operation.
- The Contractor was advised to implement water spraying on the haul road frequently for dust suppression.
- The Contractor was advised to implement water spraying during dusty work.

#### ***Construction Noise Impact***

- Nil.

#### ***Water Quality Impact***

- The Contractor was advised to provide drip tray for the chemical containers to prevent potential leakage.
- The Contractor was advised to provide a blockage on the boundary of stockpile near to river to prevent the silt enter the river.

#### ***Chemical and Waste Management***

- The Contractor was advised to dispose of the construction waste regularly for maintaining site tidiness.
- The Contractor was advised to clean up the stain and provide drip trap for chemical container to prevent potential leakage.
- The Contractor was reminded to provide an entire surrounding for the construction material storage area on site.
- The Contractor was advised to sort the construction waste on site and store in a proper area.

#### ***Landscape and Visual Impact***

- Nil.

#### ***Miscellaneous***

- The Contractor was advised to remove the retained water to avoid mosquito breeding.

## **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 or Limit 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 No notification of summons and successful prosecution was received in the reporting period.
- 8.3.4 One (1) noise-related complaint was received on 28 October 2019. The complainant was regarded to the use of powered mechanical equipment not in accordance with the conditions stipulated in the Construction Noise Permit (CNP) - GW-RN0602-19 in Pak Wo Road near Fanling Highway on 24 September 2019. The complaint was considered non-project related.

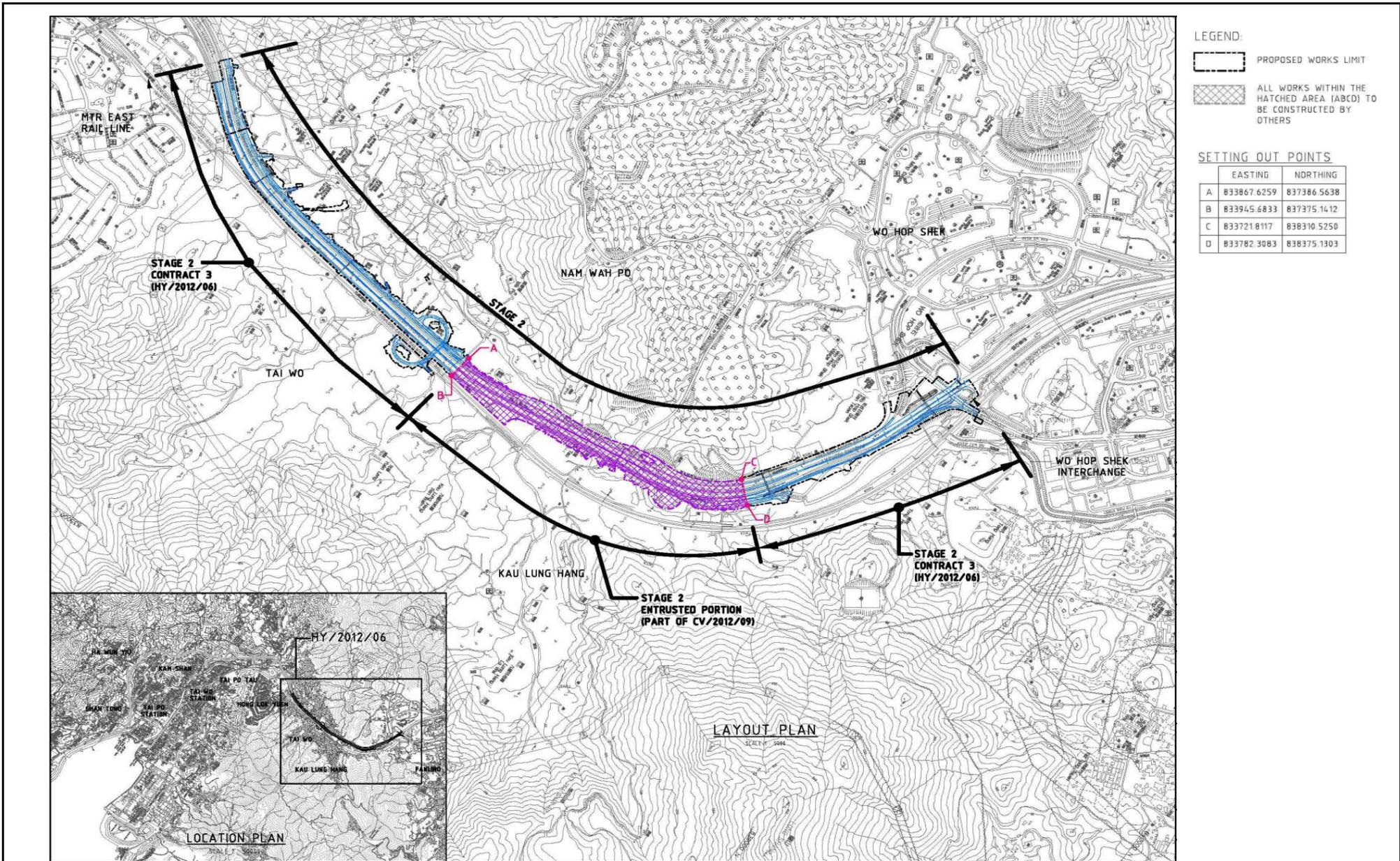
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## FIGURES

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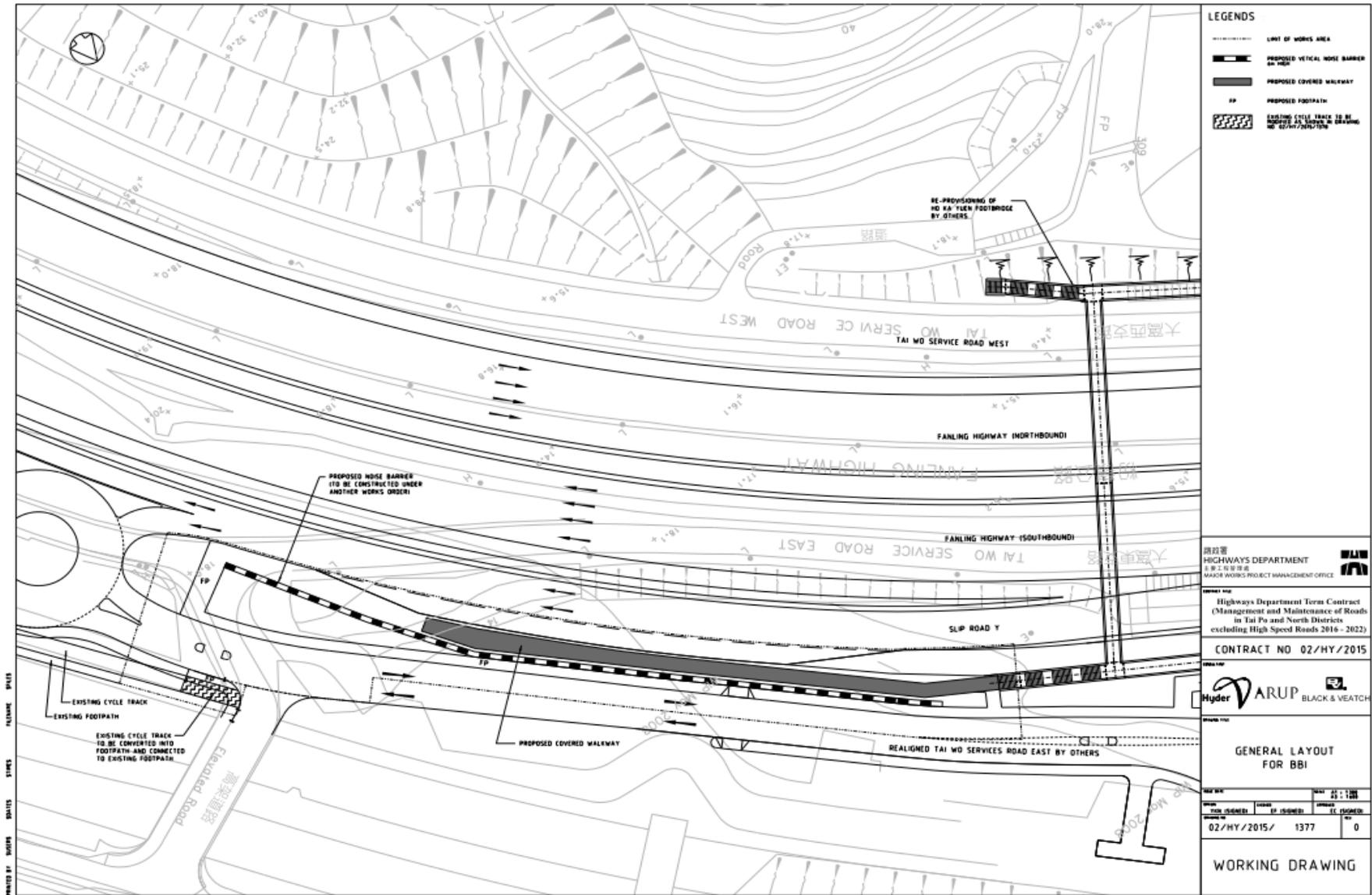
CONTRACT NO. HY/2012/06  
 WIDENING OF FANLING HIGHWAY  
 - TAI HANG TO WO HOP SHEK INTERCHANGE



Layout Plan

Date: Dec 2013

Figure 1.1



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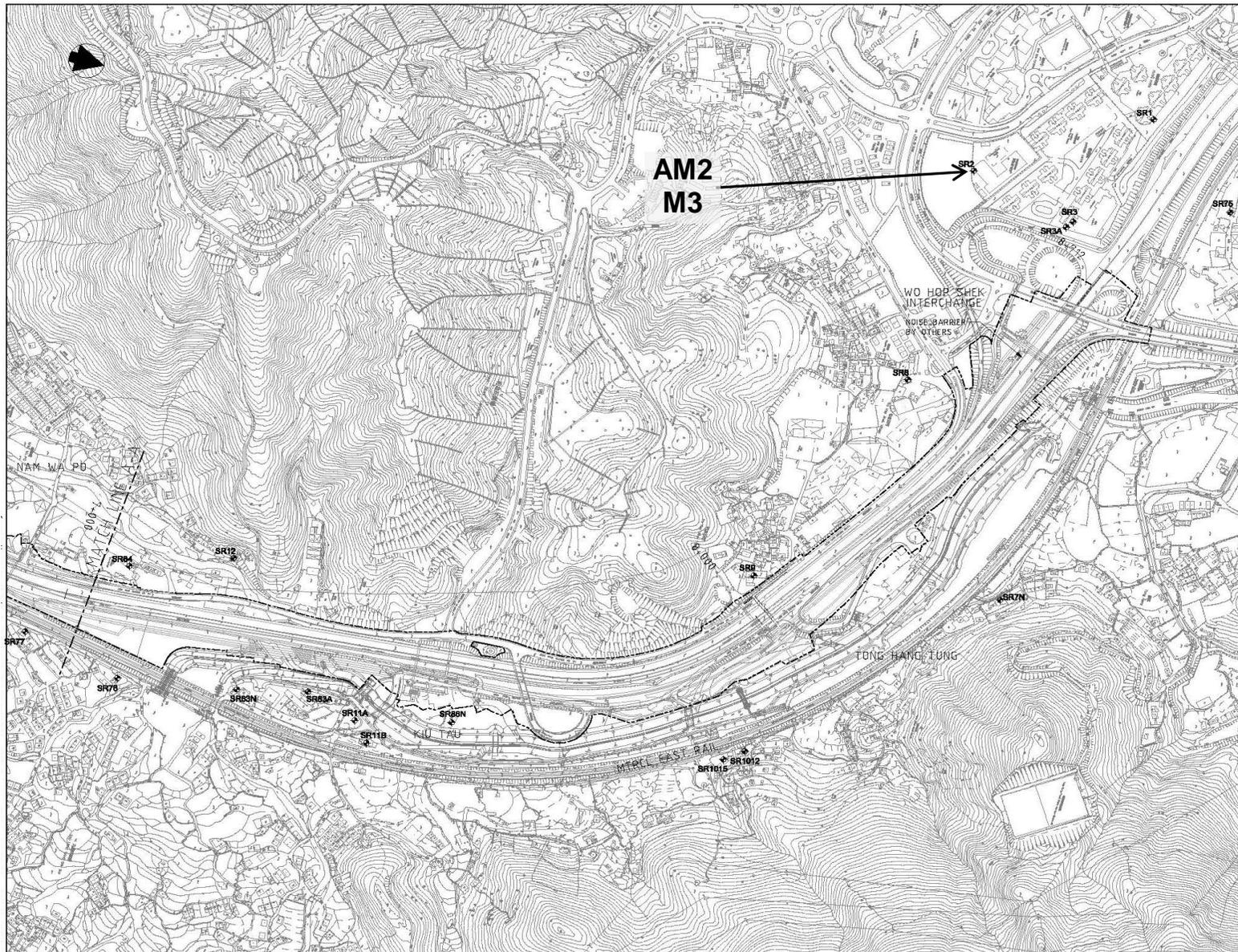
CONTRACT NO. 02/HY/2015  
 PROVISION OF BUS-BUS INTERCHANGE ON FANLING HIGHWAY KOWLOON BOUND



Layout Plan

Date: Apr 2017

Figure 1.2



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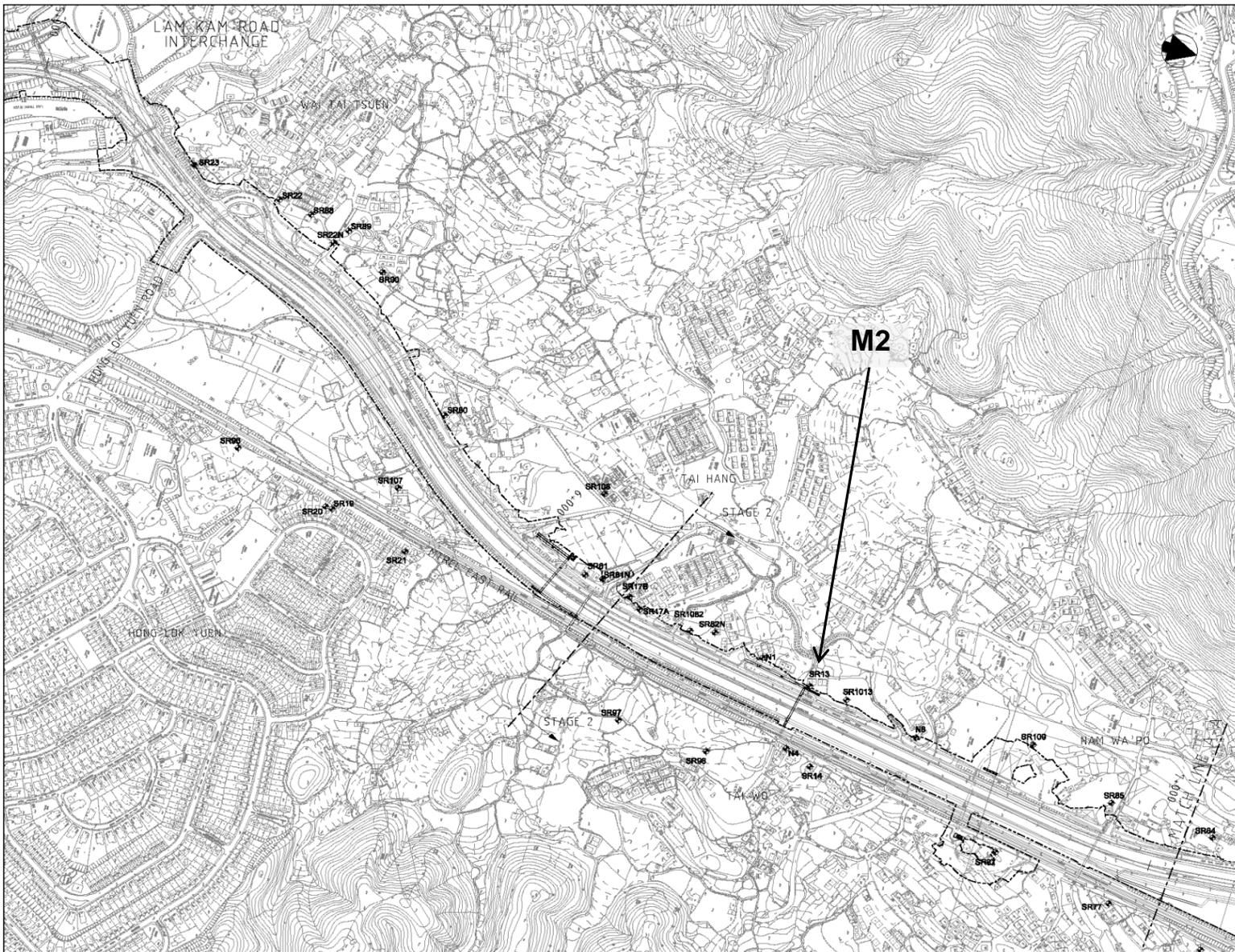
CONTRACT NO. HY/2012/06  
 WIDENING OF FANLING HIGHWAY  
 - TAI HANG TO WO HOP SHEK INTERCHANGE



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

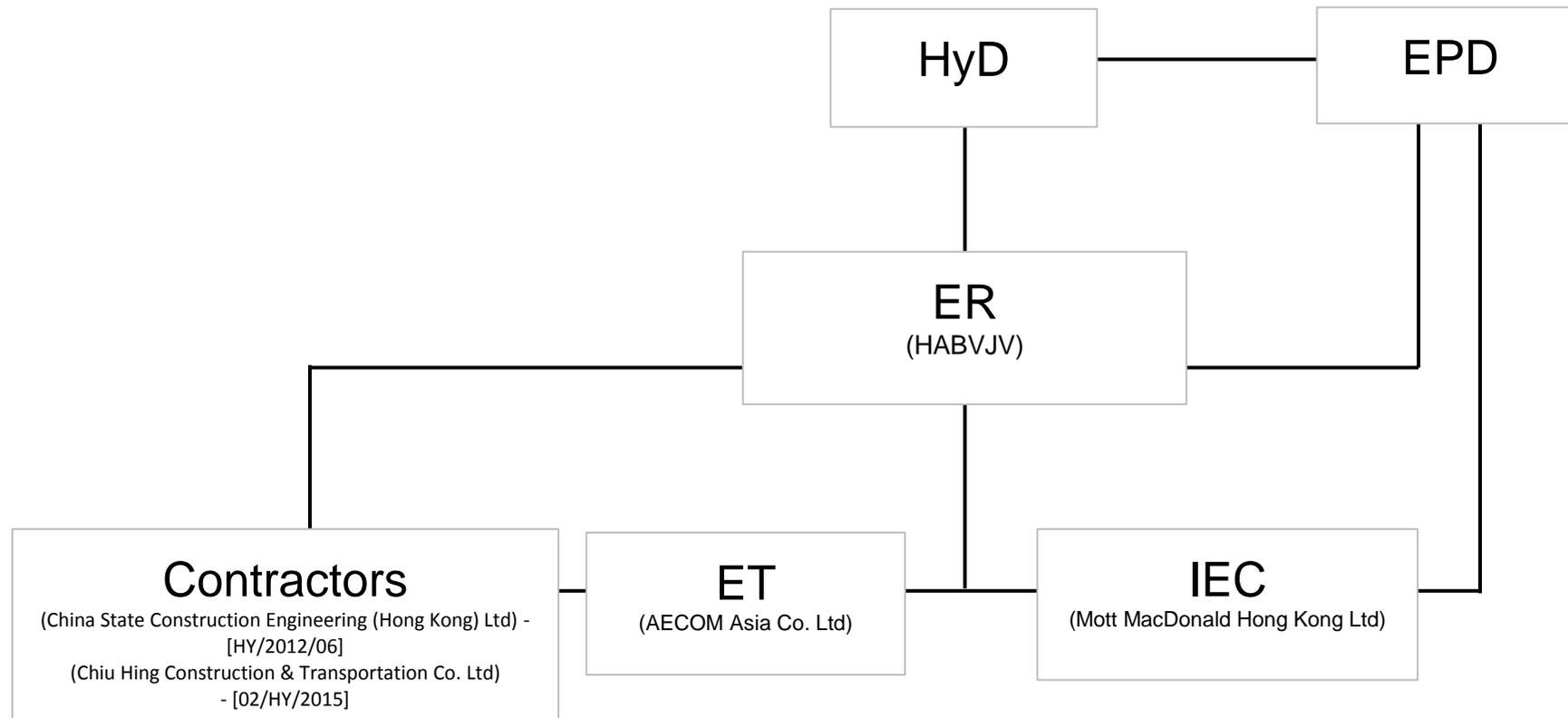
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**APPENDIX A  
PROJECT ORGANIZATION STRUCTURE**

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



Project Organization Structure

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**APPENDIX B  
CONSTRUCTION PROGRAMMES**

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**CONSTRUCTION PROGRAMME OF  
August 2019**

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Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019				
								Aug	Sep	Oct	Nov	
<b>ZONE 1 (Ch. 5640 to 5880)</b>												
<b>Noise Barrier Along Fanling Highway N/B</b>												
<b>NB43B (Ch.5640-5880)-FH N/B Side</b>												
<b>Noise Barrier Works</b>												
NB01250	NB43B-1 - NB post & panel installation	64.29%	5	14	10-Jul-19 A	24-Aug-19	402					
<b>Other Works</b>												
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>												
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>												
IS0110	Material submission to WSD & approval for VO189	64.55%	39	110	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					
<b>Landscape Softwork</b>												
<b>Landscape Works</b>												
Z1.LW.1000	Landscape soft work Zone1	93.86%	18	293	08-Dec-18 A	02-Dec-19	-146					
<b>ZONE 2 (Ch. 5880 to 6930)</b>												
<b>General</b>												
<b>DRM Proposal</b>												
<b>DRM Proposal</b>												
ADV220300	TWSR-W lane 2 construction	0%	50	50	24-Sep-19	22-Nov-19	-124					
ADV220305	FLHY HS & lane 1 construction	89.58%	5	48	29-Jun-19 A	24-Aug-19	-50					
<b>Noise Barrier Along Fanling Highway N/B</b>												
<b>NB43A (Ch.5880-6060)-FH N/B Side</b>												
<b>Noise Barrier Works</b>												
NB03340	Relocate Bus Shelter installation - VO86	0%	30	30	20-Aug-19	24-Sep-19	377					
<b>NB60 (Ch.6450-6920)-FH N/B Side</b>												
<b>Noise Barrier Works</b>												
NB01759	NB60-1 (0-15m) - NB post & panel installation	70.59%	5	17	15-Aug-19 A	24-Aug-19	-50					
NB01820	NB60-1 - NB post & panel installation	70.59%	5	17	15-Aug-19 A	24-Aug-19	-50					
NB01890	NB60-2 - NB post & panel installation	95.15%	5	103	03-Apr-19 A	24-Aug-19	-50					
NB01960	NB60-ID3-2 - NB post & panel installation	95.15%	5	103	20-Mar-19 A	24-Aug-19	-50					
NB02022	NB60-3 - NB post & panel installation	93.59%	5	78	23-Apr-19 A	24-Aug-19	-50					
<b>Underground Utility Works</b>												
<b>Underground Utility Works</b>												
UU0110	Towngas duct laying and associated work before backfill in Zone 1 & 2	91.94%	40	496	20-Apr-18 A	28-Sep-19	-150					
<b>Bridge Construction</b>												
<b>New Tai Hang Footbridge</b>												
<b>General</b>												
THBF0655	Tai Hang Footbridge Complete	0%	0	0		24-Sep-19	-75					24-Sep-19 ◆ Tai Hang Footbridge Complete
<b>TWSR-East FL Highway S/B Side Section</b>												
THBF0640	Finishes Work	0%	30	30	20-Aug-19	24-Sep-19	-75					
THBF0645	Bridge Structure complete (THFB-TWSR-E side)	0%	0	0		24-Sep-19	-75					24-Sep-19 ◆ Bridge Structure complete (THFB-TWSR-E side)
THBF0800	ABWF work	0%	30	30	20-Aug-19*	24-Sep-19	-75					
<b>Lift at TWSR-W Side</b>												
L1800	THFB Completion Date	0%	0	0		24-Sep-19	-75					24-Sep-19 ◆ THFB Completion Date
<b>Lift at FLHY S/B</b>												
L1400	Roof cover for RC Platform	0%	30	30	20-Aug-19	24-Sep-19	-110					
L1410	Lift installation (NF78)	96.15%	4	104	25-Mar-19 A	23-Aug-19	-77					
L1420	Lift T&C	0%	6	6	02-Sep-19	07-Sep-19	-101					
L1430	EMSD inspection & approval	0%	28	28	08-Sep-19	05-Oct-19	-101					
L1440	E&M and Finishes work	0%	35	35	25-Sep-19	06-Nov-19	-110					
L1450	CLP Power available (by CLP)	98.86%	13	1137	21-Jun-16 A	01-Sep-19	-101					
L1460	Lift available - NF78	0%	0	0		06-Nov-19	-110					06-Nov-19 ◆ Lift availat
L1490	THFB Completion Date	0%	0	0		24-Sep-19	-75					24-Sep-19 ◆ THFB Completion Date
<b>New Tai Wo Footbridge</b>												
<b>General</b>												
TWFB1110	Tai Wo Footbridge Complete	0%	0	0		21-Oct-19	-110					21-Oct-19 ◆ Tai Wo Footbridge Comp
<b>TWSR-West/ FL Highway N/B Side Section</b>												
TWFB1390	Finishes Work	95.13%	33	677	20-May-17 A	27-Sep-19	-92					
TWFB1400	Bridge Structure complete (TWFB-TWSR-W side)	0%	0	0		27-Sep-19	-92					27-Sep-19 ◆ Bridge Structure complete (TWFB-TWSR-W si
<b>Crossing Fanling Highway Section</b>												
TWFB1460	Finishes Work	75%	28	112	06-Apr-19 A	21-Sep-19	-87					
TWFB1470	Bridge Structure complete (TWFB-Cross fanling highway)	0%	0	0		21-Sep-19	-87					21-Sep-19 ◆ Bridge Structure complete (TWFB-Cross fanling high
<b>Lift at TWSR-W Side</b>												
L1740	Lift installation	84.38%	15	96	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	67.81%	47	146	23-Apr-19 A	16-Oct-19	-106					
L1790	Lift available - NF116-Lift 1	0%	0	0		21-Oct-19	-110					21-Oct-19 ◆ Lift available - NF116-Lift
L1810	New Tai Wo footbridge completion	0%	0	0		21-Oct-19	-96					21-Oct-19 ◆ New Tai Wo footbridge c
<b>Signalized Junction</b>												
<b>New Tai Hang Footbridge</b>												
<b>TWSR-West/ FL Highway N/B Side Section</b>												



Project ID: WP Rev 07 (1908)  
 Layout: 3 Month Rolling Program  
 Page 1 of 4

**Contract No. HY/2012/06**  
**Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange**  
**3 Month Rolling Program(20-Aug-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			
								Aug	Sep	Oct	Nov
THBF0630	Installation of Traffic Signal Poles at TWSR-W N/B (Tai hang Junction)	0%	21	21	02-Oct-19	26-Oct-19	-122				
THBF0650	Ducting & Cable Draw Installation (Tai hang Junction)	81.33%	14	75	08-May-19 A	04-Sep-19	-122				
THBF0660	Installation of Traffic Signal Poles at TWSR-W S/B (Tai hang Junction)	0%	21	21	05-Sep-19	30-Sep-19	-122				
THBF0670	E-prom ordering by EMSD (Tai hang Junction)	94.21%	15	259	20-Nov-18 A	04-Sep-19	-99				
THBF0680	Ducting & cable draw inspection by EMSD (Tai hang Junction)	0%	6	6	05-Sep-19	11-Sep-19	-83				
THBF0690	Ducting & cable draw rectification (Tai hang Junction)	0%	12	12	12-Sep-19	26-Sep-19	-83				
THBF0692	PCCW cable installation & connection (Tai hang Junction)	0%	6	6	04-Nov-19	09-Nov-19	-113				
THBF0694	EMSD cable & equipment installation (Tai hang Junction)	0%	21	21	28-Oct-19	20-Nov-19	-122				
<b>TWSR-West Construction</b>											
<b>Drainage &amp; Road Works</b>											
<b>Ch 5880-6740</b>											
RDZ20170	Z2 : New TWSR-West road Works (lane 2)	0%	50	50	24-Sep-19	22-Nov-19	-124				
<b>Fanling Highway Construction</b>											
<b>Drainage &amp; Road Works</b>											
<b>Ch 5880-6740</b>											
RDZ41200	Z2 (CH5880-6740) : Fanling Highway N/B - road works (lane 1)	89.58%	5	48	29-Jun-19 A	24-Aug-19	-50				
RDZ41280	Z2 (CH5880-6740) : Fanling Highway Road works (8 lanes)	0%	0	0		24-Aug-19	-50				
24-Aug-19 ♦ Z2 (CH5880-6740) : Fanling Highway Road works (8 lanes) complete											
<b>Other Works</b>											
<b>TCSS Works</b>											
<b>TCSS Pre-Construction Works</b>											
TCSS0170	Sign Gantry Factory production - AADS1	0%	30	30	09-Aug-19 A	24-Sep-19	-96				
TCSS0220	Sign Gantry Factory production - G54	90.41%	7	73	01-Jun-19 A	27-Aug-19	-70				
<b>Civil Provision for TCSS Works</b>											
TCSS2140	M10 for CCTV	0%	14	14	22-Oct-19	06-Nov-19	-110				
TCSS2180	Pillar box, isolator & associated duct work - PL204 for G30 & G55	0%	30	30	20-Aug-19	24-Sep-19	-75				
TCSS2190	Pillar box, isolator & associated duct work - PL205 for G54 & M10	0%	30	30	20-Aug-19	24-Sep-19	-75				
TCSS2200	Pillar box, isolator & associated duct work - PL206 for G32	0%	30	30	20-Aug-19	24-Sep-19	-75				
TCSS2270	Civil Provision for TCSS works available (Zone 2)	0%	0	0		24-Sep-19	-75				
24-Sep-19 ♦ Civil Provision for TCSS works available (Zone 2)											
<b>AADS1</b>											
TCSS1670	Sign Gantry Erection - AADS1	0%	21	21	25-Sep-19	21-Oct-19	-96				
<b>G55</b>											
TCSS1750	Sign Gantry Erection - G55	30.77%	9	13	16-Jul-19 A	29-Aug-19	-72				
<b>G54</b>											
TCSS2120	Sign Gantry Erection - G54	0%	18	18	30-Aug-19	20-Sep-19	-72				
<b>VO184 - Irrigation System in SA328 and SA329</b>											
<b>VO184 - Irrigation System in SA328 and SA329</b>											
IS0122	Material submission to WSD & approval for VO184	64.55%	39	110	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				
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>											
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>											
IS0130	Irrigation system installation in Zone 2	0%	52	52	08-Oct-19	06-Dec-19	-150				
<b>Landscape Softwork</b>											
<b>Landscape Works</b>											
Z2.LW.1000	Landscape soft work Zone2	0%	120	120	07-Sep-19	03-Feb-20	-150				
<b>Pai Lau in Tai Hang (VO126)</b>											
<b>Pai Lau in Tai Hang (VO126)</b>											
<b>Pai Lau in Tai Hang (VO126)</b>											
PL00995	VO126 Suspension on 20-Feb-19 (HY/2012/06)/M15/220.126/(5)	91.04%	12	134	20-Feb-19 A	02-Sep-19	-201				
PL01000	Works area access date (14-Dec-2018)	0%	0	0	03-Sep-19		-201				
PL01010	CLP relocation of Overhead Cable	0%	12	12	20-Aug-19*	02-Sep-19	-171				
PL01020	Excavation	0%	12	12	03-Sep-19	17-Sep-19	-201				
PL01030	Footing	0%	12	12	18-Sep-19	02-Oct-19	-201				
PL01040	backfill	0%	6	6	03-Oct-19	10-Oct-19	-201				
PL01050	Pai Lau Superstructure	0%	65	65	11-Oct-19	27-Dec-19	-201				
PL01060	Material submission for finishes works	90.87%	21	230	05-Nov-18 A	12-Sep-19	-190				
PL01070	Material submission approval	0%	30	30	13-Sep-19	21-Oct-19	-190				
PL01080	Material Order & delivery on site	0%	45	45	22-Oct-19	12-Dec-19	-190				
<b>South Buffer Zone 1 (SBZ1) (within Zone 2)(Ch.6740 to 6930)</b>											
<b>Noise Barrier Along Fanling Highway N/B</b>											
<b>NB60 (Ch.6450-6920)-FH N/B Side</b>											
<b>Noise Barrier Works</b>											
NB02142	NB60-5 - NB post & panel installation	81.11%	17	90	23-Apr-19 A	07-Sep-19	390				
<b>Bridge Construction</b>											
<b>Kau Lung Hang Vehicular Bridge</b>											
<b>KLH Bridge - West Ramp</b>											
KLH.1290	West Ramp - Planting	0%	21	21	20-Aug-19	12-Sep-19	-66				
<b>KLH Bridge - Deck 1</b>											
KLH.3430	Deck 1 - Planting	0%	21	21	20-Aug-19	12-Sep-19	-66				
<b>KLH Bridge - Deck 3</b>											
KLH.3500	Deck 3 - Planting	0%	21	21	20-Aug-19	12-Sep-19	386				
<b>KLH Bridge - East Ramp</b>											
KLH.3590	East Ramp - Planting	0%	34	34	20-Aug-19	28-Sep-19	373				
<b>KLH Bridge - Staircase S1</b>											
Z2.KLH.1490	S1 - RC deck slab	0%	12	12	20-Jul-19 A	02-Sep-19	-117				
Z2.KLH.1500	S1 - Roof steel frame installation	0%	30	30	03-Sep-19	10-Oct-19	-117				

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								Aug	Sep	Oct	Nov
Z2.KLH.1750	S1 - Corrugated steel roof	0%	18	18	11-Oct-19	31-Oct-19	-117				
Z2.KLH.1760	S1 - Handrail	0%	12	12	01-Nov-19	14-Nov-19	-117				
Z2.KLH.1770	S1 - Lighting & finishes works	0%	12	12	01-Nov-19	14-Nov-19	-117				
<b>Bridge Road Work</b>											
Z2.KLH.2040	Landscape work of KLHVB	68.47%	35	111	23-Apr-19 A	30-Sep-19	-80				
<b>Lift at TWSR-W Side</b>											
L01130	Finishes work	93.55%	8	124	20-Mar-19 A	28-Aug-19	-53				
L01150	Lift available - NF117-Lift 1	0%	0	0		28-Aug-19	-53				
<b>Signalized Junction</b>											
<b>Kau Lung Hang Vehicular Bridge</b>											
<b>KLH Bridge - West Ramp</b>											
Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	0%	21	21	02-Oct-19	26-Oct-19	-122				
Z2.KLH.1042	Ducting & Cable Draw Installation (KLHVB)	86.67%	14	105	28-Mar-19 A	04-Sep-19	-122				
Z2.KLH.1052	Installation of Traffic Signal Poles at TWSR-W S/B (KLHVB)	0%	21	21	05-Sep-19	30-Sep-19	-122				
Z2.KLH.1072	Ducting & cable draw inspection by EMSD (KLHVB)	0%	6	6	05-Sep-19	11-Sep-19	-89				
Z2.KLH.1082	Ducting & cable draw rectification (KLHVB)	0%	12	12	12-Sep-19	26-Sep-19	-89				
Z2.KLH.1092	PCCW cable installation & connection (KLHVB)	0%	6	6	28-Oct-19	02-Nov-19	-113				
Z2.KLH.1102	EMSD cable & equipment installation (KLHVB)	0%	21	21	28-Oct-19	20-Nov-19	-122				
<b>Fanling Highway Construction</b>											
<b>Drainage &amp; Road Works</b>											
<b>Ch 6740-6930</b>											
RDZ20440	Z2 (CH6740-6930) : Fanling Highway N/B - road works (lane 1)	89.58%	5	48	29-Jun-19 A	24-Aug-19	-50				
RDZ20530	Z2 (CH6740-6930): Fanling Highway Road works (8 lanes)	0%	0	0		24-Aug-19	-50				
<b>North Buffer Zone 2 (NBZ2) (within Zone 4) (Ch. 7925 to 8100)</b>											
<b>Bridge Construction</b>											
<b>New Ho Ka Yuen Footbridge</b>											
<b>TWSR-West/ FL Highway N/B Side Section</b>											
HKY1520	VO11 - slope improvement work	0%	45	45	03-Oct-19	25-Nov-19	-134				
<b>ZONE 4 (Ch. 7925 to 8700)</b>											
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>											
<b>Underground Utility Works</b>											
<b>DN450 DI Watermain "A" (Ch 1989-2529)</b>											
DI0220	DN450 DI watermain laying at TWSR-W (CHA2070)	0%	15	15	13-Sep-19	02-Oct-19	-134				
DI0230	DN450 DI watermain laying at TWSR-W (CHA2200)	85%	6	40	20-Jun-19 A	26-Aug-19	-134				
DI0240	DN450 DI watermain laying at TWSR-W (CHA2370)	0%	15	15	27-Aug-19	12-Sep-19	-134				
<b>Bridge Construction</b>											
<b>New Wo Hop Shek Pedstrian &amp; Cycle Bridge</b>											
<b>General</b>											
WHS1110	Wo Hop Shek Bridge Complete	0%	0	0		30-Sep-19	-88				
<b>TWSR-West/ FL Highway N/B Side Section</b>											
WHS1420	Ramp Finishes Work	89.74%	35	341	13-Jul-18 A	30-Sep-19	-88				
WHS1430	Bridge Structure complete (WHS-TWSR-W side)	0%	0	0		30-Sep-19	-88				
<b>VO152 - Additional Retaining Wall in Zone 4 Near at Grade Cycle Track and Footpath at \</b>											
<b>Cycle Track</b>											
WHS1460	TTA for closure of slip Y lane 1 for material delivery	0%	3	3	20-Sep-19*	23-Sep-19	-279				
WHS1560	Retaining Wall construction	0%	24	24	24-Sep-19	23-Oct-19	-279				
WHS1570	Concrete Footing for railing	0%	10	10	24-Oct-19	04-Nov-19	-279				
WHS1580	Concrete Footing for Expressway boundary fence	0%	10	10	05-Nov-19	15-Nov-19	-279				
WHS1590	300 U-channel	0%	12	12	16-Nov-19	29-Nov-19	-231				
<b>Footpath</b>											
WHS2150	Concrete Footing for railing	0%	15	15	16-Nov-19	03-Dec-19	-279				
<b>TWSR-West Construction</b>											
<b>Drainage &amp; Road Works</b>											
<b>TWSR-West/ FL Highway N/B Side Section</b>											
RDZ41180	TWSR -W Road Works rectification	0%	18	18	03-Oct-19	24-Oct-19	-107				
<b>Slip Road Y Construction</b>											
<b>Drainage &amp; Road Works</b>											
<b>TWSR-East FL Highway S/B Side Section</b>											
RDZ41080	Construct Slip Rd Y- 2nd lane (Ch8370-8650)(SA340) (Z4)	70.11%	26	87	20-May-19 A	19-Sep-19	-279				
RDZ41089	Slip Road Y (Ch7925-8650) complete	0%	0	0		19-Sep-19	-279				
<b>Fanling Highway Construction</b>											
<b>Drainage &amp; Road Works</b>											
<b>TWSR-West/ FL Highway N/B Side Section</b>											
RDZ41170	Complete Slip road V and associated slope work	71.43%	10	35	20-Jun-19 A	30-Aug-19	-63				
<b>Other Works</b>											
<b>TCSS Works</b>											
<b>TCSS Pre-Construction Works</b>											
TCSS0180	Sign Gantry Factory production - FVMS1 (Deleted)	0%	0	0	20-Aug-19	20-Aug-19	407				
<b>Civil Provision for TCSS Works</b>											
TCSS2150	M12 for CCTV	0%	14	14	20-Aug-19	04-Sep-19	-81				
TCSS2160	P51 for VSLs	0%	14	14	20-Sep-19	08-Oct-19	-93				
TCSS2170	P52 for VSLs	0%	14	14	20-Sep-19	08-Oct-19	-93				
TCSS2210	Pillar box, isolator & associated duct work - PL207 for G34 & G35	0%	30	30	20-Aug-19*	24-Sep-19	-173				
TCSS2220	Pillar box, isolator & associated duct work - PL252 for G52	0%	30	30	25-Sep-19	31-Oct-19	-173				
TCSS2230	Pillar box, isolator & associated duct work - PL251 for G51	0%	30	30	01-Nov-19	05-Dec-19	-173				
<b>DS50</b>											
TCSS1850	Sign Gantry Erection - DS50 (Z4) (Deleted by Verbal instruction , VO is	0%	0	0	20-Aug-19	20-Aug-19	-53				

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019			
								Aug	Sep	Oct	Nov
								<b>TCSS Hub Room</b>			
TCSS1900	TCSS Hub Room Structure	93.22%	8	118	06-Mar-19 A	28-Aug-19	-151				
TCSS1910	TCSS Hub Room Finishes	0%	45	45	29-Aug-19	23-Oct-19	-151				
TCSS1920	TCSS Hub Room BS provision	0%	45	45	24-Oct-19	14-Dec-19	-151				
<b>VO190 - Irrigation System near Ho Ka Yuen Footbridge</b>											
<b>VO190 - Irrigation System near Ho Ka Yuen Footbridge</b>											
IS150	Material submission to WSD & approval for VO190	63.55%	39	107	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				
<b>VO Relocation of Traffic Sign at Pak Wo Road &amp; Jockey Club Road</b>											
<b>VO Relocation of Traffic Sign at Pak Wo Road &amp; Jockey Club Road</b>											
TS01000	VO issue date (Assumed 21-Jan-19)	0%	0	0	20-Aug-19*		-172				
TS01030	TTA submission & approval	0%	30	30	02-Sep-19*	09-Oct-19	-211				
TS01040	TTA	0%	2	2	10-Oct-19	11-Oct-19	-211				
TS01050	Sheet piling & excavation	0%	18	18	12-Oct-19	01-Nov-19	-211				
TS01060	Footing (FL02, ADS52)	0%	45	45	02-Nov-19	24-Dec-19	-211				
TS1160	XP application period - Jockey Club Road	0%	90	90	08-Aug-19 A	17-Nov-19	-299				
TS1180	TTA	0%	2	2	18-Nov-19	19-Nov-19	-244				
<b>Ducting Works in Traffic Signalized Junction at Pak Wo Road</b>											
<b>WHS Interchange</b>											
TSJ01030	Determination of proposed cable alignment	0%	14	14	20-Aug-19	04-Sep-19	-267				
TSJ01040	Duct Laying (Road Crossing) - Wo Hing Road	0%	9	9	05-Sep-19	16-Sep-19	-267				
TSJ01050	Duct Laying (Road Crossing) - Pak Wo Road	0%	42	42	17-Sep-19	06-Nov-19	-267				
TSJ01160	Duct Laying and Drawpit construction (Along Existing Slope	0%	43	43	07-Nov-19	28-Dec-19	-267				
<b>Pak Wo Road and Jockey Club Road Junction</b>											
TSJ01260	Existing MJ modified by HyD structure	0%	48	48	16-Sep-19*	12-Nov-19	0				
TSJ01270	Road Construction & reinstatement (new 2nd stage after MJ	0%	35	35	13-Nov-19	23-Dec-19	-264				
<b>Commissioning of Traffic Signalized Junction (by EMSD)</b>											
TSJ01220	Eprom procurement	0%	60	60	24-Oct-19	04-Jan-20	-267				

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**CONSTRUCTION PROGRAMME OF  
September 2019**

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Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Start	Finish	Total Float	2019			
							Sep	Oct	Nov	Dec
<b>Contract Condition</b>										
<b>General</b>										
<b>Contract Condition</b>										
KD06	KD-6 (1978d) - Comprises Landscapes Softworks in Zone 2	0%	0	02-Nov-19		0				02-Nov-19* ◆ KD-6 (1978d) - Comprises Landscapes Softworks
KD07	KD-7 (1978d) - Comprises remainder of Landscaping	0%	0	02-Oct-19*		0				02-Oct-19* ◆ KD-7 (1978d) - Comprises remainder of Landscaping Softworks
<b>ZONE 1 (Ch. 5640 to 5880)</b>										
<b>Other Works</b>										
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>										
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>										
IS0120	Irrigation system installation in Zone 1	0%	30	25-Sep-19	31-Oct-19	298				
<b>Establishment Works</b>										
<b>Establishment Works</b>										
Z1.EW.1000	Establishment work Zone1	29.04%	259	11-Jun-19 A	09-Jun-20	0				
<b>ZONE 2 (Ch. 5880 to 6930)</b>										
<b>General</b>										
<b>DRM Proposal</b>										
<b>DRM Proposal</b>										
ADVZ20300	TWSR-W lane 2 construction	0%	50	30-Oct-19	28-Dec-19	250				
<b>Noise Barrier Along Fanling Highway N/B</b>										
<b>NB43A (Ch.5880-6060)-FH N/B Side</b>										
<b>Noise Barrier Works</b>										
NB03340	Relocate Bus Shelter installation - VO86	0%	30	25-Sep-19	31-Oct-19	298				
<b>Underground Utility Works</b>										
<b>Underground Utility Works</b>										
UU0110	Towngas duct laying and associated work before backfill in Zone 1 & 2	92.83%	40	20-Apr-18 A	03-Nov-19	307				
UU0130	TTA, duct laying and Road reinstatement by Towngas in Zone 1	0%	120	25-Sep-19	22-Jan-20	284				
<b>Bridge Construction</b>										
<b>New Tai Hang Footbridge</b>										
<b>General</b>										
THBF0655	Tai Hang Footbridge Complete	0%	0		31-Oct-19	298				31-Oct-19 ◆ Tai Hang Footbridge Complete
<b>TWSR-East FL Highway S/B Side Section</b>										
THBF0640	Finishes Work	0%	30	25-Sep-19	31-Oct-19	298				
THBF0645	Bridge Structure complete (THFB-TWSR-E side)	0%	0		31-Oct-19	298				31-Oct-19 ◆ Bridge Structure complete (THFB-TWSR-E side)
THBF0800	ABWF work	0%	30	25-Sep-19*	31-Oct-19	298				
<b>Lift at TWSR-W Side</b>										
L1800	THFB Completion Date	0%	0		31-Oct-19	298				31-Oct-19 ◆ THFB Completion Date
<b>Lift at FLHY S/B</b>										
L1400	Roof cover for RC Platform	0%	30	25-Sep-19	31-Oct-19	263				
L1420	Lift T&C	0%	6	08-Oct-19	13-Oct-19	356				
L1430	EMSD inspection & approval	0%	28	14-Oct-19	10-Nov-19	356				
L1440	E&M and Finishes work	0%	35	01-Nov-19	11-Dec-19	263				
L1450	CLP Power available (by CLP)	98.92%	13	21-Jun-16 A	07-Oct-19	356				
L1460	Lift available - NF78	0%	0		11-Dec-19	263				11-Dec-19 ◆ Lift available
L1490	THFB Completion Date	0%	0		31-Oct-19	298				31-Oct-19 ◆ THFB Completion Date
<b>New Tai Wo Footbridge</b>										
<b>General</b>										
TWFB1110	Tai Wo Footbridge Complete	0%	0		31-Oct-19	284				31-Oct-19 ◆ Tai Wo Footbridge Complete
<b>Crossing Fanling Highway Section</b>										
TWFB1460	Finishes Work	82.93%	28	06-Apr-19 A	29-Oct-19	286				
TWFB1470	Bridge Structure complete (TWFB-Cross fanling highway)	0%	0		29-Oct-19	286				29-Oct-19 ◆ Bridge Structure complete (TWFB-Cross fanling highway)
<b>Lift at TWSR-W Side</b>										
L1750	Lift T&C	0%	7	20-Sep-19 A	03-Oct-19	285				
L1760	EMSD inspection & approval	0%	28	04-Oct-19	31-Oct-19	349				
L1770	E&M and Finishes work	85.62%	21	23-Apr-19 A	21-Oct-19	293				
L1790	Lift available - NF116-Lift 1	0%	0		31-Oct-19	284				31-Oct-19 ◆ Lift available - NF116-Lift 1
L1810	New Tai Wo footbridge completion	0%	0		31-Oct-19	298				31-Oct-19 ◆ New Tai Wo footbridge completion
<b>Signalized Junction</b>										
<b>New Tai Hang Footbridge</b>										
<b>TWSR-West/ FL Highway N/B Side Section</b>										
THBF0630	Installation of Traffic Signal Poles at TWSR-W N/B (Tai hang Junction)	0%	21	07-Nov-19	30-Nov-19	251				
THBF0650	Ducting & Cable Draw Installation (Tai hang Junction)	88.98%	14	08-May-19 A	12-Oct-19	251				
THBF0660	Installation of Traffic Signal Poles at TWSR-W S/B (Tai hang Junction)	0%	21	14-Oct-19	06-Nov-19	251				
THBF0670	E-prom ordering by EMSD (Tai hang Junction)	95.36%	15	20-Nov-18 A	13-Oct-19	355				
THBF0680	Ducting & cable draw inspection by EMSD (Tai hang Junction)	0%	6	14-Oct-19	19-Oct-19	290				
THBF0690	Ducting & cable draw rectification (Tai hang Junction)	0%	12	21-Oct-19	02-Nov-19	290				
THBF0692	PCCW cable installation & connection (Tai hang Junction)	0%	6	09-Dec-19	14-Dec-19	260				
THBF0694	EMSD cable & equipment installation (Tai hang Junction)	0%	21	02-Dec-19	27-Dec-19	251				
<b>TWSR-West Construction</b>										
<b>Drainage &amp; Road Works</b>										
<b>Ch 5880-6740</b>										

Remaining Level of Effort (Green bar)
   
 Actual Level of Effort (Blue bar)
   
 Actual Work (Red bar)
   
 Remaining Work (Green bar)
   
 Critical Remaining Work (Red bar)
   
 Milestone (Black diamond)
   
 Crit. Milestone (Red diamond)

Project ID:WP Rev 07 (1909)
   
 Layout: 3 Month Rolling Program
   
 Page 1 of 3

**Contract No. HY/2012/06**
  
**Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange**
  
**3 Month Rolling Program(25-Sep-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	Start	Finish	Total Float	2019			
							Sep	Oct	Nov	Dec
RDZ20170	Z2 : New TWSR-West road Works (lane 2)	0%	50	30-Oct-19	28-Dec-19	250				
<b>Other Works</b>										
<b>TCSS Works</b>										
<b>Civil Provision for TCSS Works</b>										
TCSS2140	M10 for CCTV	0%	14	01-Nov-19	16-Nov-19	284				
TCSS2180	Pillar box, isolator & associated duct work - PL204 for G30 & G55	0%	16	25-Sep-19	15-Oct-19	312				
TCSS2190	Pillar box, isolator & associated duct work - PL205 for G54 & M10	0%	16	25-Sep-19	15-Oct-19	312				
TCSS2200	Pillar box, isolator & associated duct work - PL206 for G32	0%	16	25-Sep-19	15-Oct-19	312				
TCSS2270	Civil Provision for TCSS works available (Zone 2)	0%	0		15-Oct-19	312				
<b>G54</b>										
TCSS2120	Sign Gantry Erection - G54	61.9%	8	04-Sep-19 A	04-Oct-19	320				
<b>VO184 - Irrigation System in SA328 and SA329</b>										
<b>VO184 - Irrigation System in SA328 and SA329</b>										
IS0140	Irrigation system installation in SA328 and SA329	33.33%	32	04-Sep-19 A	02-Nov-19	0				
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>										
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>										
IS0130	Irrigation system installation in Zone 2	33.33%	32	04-Sep-19 A	02-Nov-19	0				
<b>Landscape Softwork</b>										
<b>Landscape Works</b>										
Z2.LW.1000	Landscape soft work Zone2	0%	32	25-Sep-19	02-Nov-19	0				
<b>Establishment Works</b>										
<b>Establishment Works</b>										
Z2.EW.1000	Establishment work Zone2	0%	365	02-Nov-19	01-Nov-20	0				
<b>Pai Lau in Tai Hang (VO126)</b>										
<b>Pai Lau in Tai Hang (VO126)</b>										
<b>Pai Lau in Tai Hang (VO126)</b>										
<b>Pai Lau in Tai Hang (VO126)</b>										
PL00995	VO126 Suspension on 20-Feb-19 (HY/2012/06)/M15/220.126/(5)	97.21%	5	20-Feb-19 A	30-Sep-19	187				
PL01000	Works area access date (14-Dec-2018)	0%	0	02-Oct-19		187				
PL01010	CLP relocation of Overhead Cable	0%	12	25-Sep-19*	10-Oct-19	210				
PL01020	Excavation	0%	12	02-Oct-19	16-Oct-19	187				
PL01030	Footing	0%	12	17-Oct-19	30-Oct-19	187				
PL01040	backfill	0%	6	31-Oct-19	06-Nov-19	187				
PL01050	Pai Lau Superstructure	0%	65	07-Nov-19	24-Jan-20	187				
PL01060	Material submission for finishes works	92.55%	21	05-Nov-18 A	21-Oct-19	191				
PL01070	Material submission approval	0%	30	22-Oct-19	25-Nov-19	191				
PL01080	Material Order & delivery on site	0%	45	26-Nov-19	20-Jan-20	191				
<b>South Buffer Zone 1 (SBZ1) (within Zone 2)(Ch.6740 to 6930)</b>										
<b>Bridge Construction</b>										
<b>Kau Lung Hang Vehicular Bridge</b>										
<b>KLH Bridge - West Ramp</b>										
KLH.1290	West Ramp - Planting	0%	21	25-Sep-19	21-Oct-19	307				
<b>KLH Bridge - Deck 1</b>										
KLH.3430	Deck 1 - Planting	0%	21	25-Sep-19	21-Oct-19	307				
<b>KLH Bridge - Deck 3</b>										
KLH.3500	Deck 3 - Planting	0%	21	25-Sep-19	21-Oct-19	307				
<b>KLH Bridge - East Ramp</b>										
KLH.3590	East Ramp - Planting	0%	34	25-Sep-19	05-Nov-19	294				
<b>KLH Bridge - Staircase S1</b>										
Z2.KLH.1500	S1 - Roof steel frame installation	18.92%	30	11-Sep-19 A	31-Oct-19	268				
Z2.KLH.1750	S1 - Corrugated steel roof	0%	18	01-Nov-19	21-Nov-19	268				
Z2.KLH.1760	S1 - Handrail	0%	12	22-Nov-19	05-Dec-19	268				
Z2.KLH.1770	S1 - Lighting & finishes works	0%	12	22-Nov-19	05-Dec-19	268				
<b>Bridge Road Work</b>										
Z2.KLH.2040	Landscape work of KLHVB	78.13%	35	23-Apr-19 A	06-Nov-19	293				
<b>Lift at TWSR-W Side</b>										
L01130	Finishes work	94.94%	8	20-Mar-19 A	04-Oct-19	320				
L01150	Lift available - NF117-Lift 1	0%	0		04-Oct-19	320				
<b>Signalized Junction</b>										
<b>Kau Lung Hang Vehicular Bridge</b>										
<b>KLH Bridge - West Ramp</b>										
Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	0%	21	07-Nov-19	30-Nov-19	251				
Z2.KLH.1042	Ducting & Cable Draw Installation (KLHVB)	91.08%	14	28-Mar-19 A	12-Oct-19	251				
Z2.KLH.1052	Installation of Traffic Signal Poles at TWSR-W S/B (KLHVB)	0%	21	14-Oct-19	06-Nov-19	251				
Z2.KLH.1072	Ducting & cable draw inspection by EMSD (KLHVB)	0%	6	14-Oct-19	19-Oct-19	284				
Z2.KLH.1082	Ducting & cable draw rectification (KLHVB)	0%	12	21-Oct-19	02-Nov-19	284				
Z2.KLH.1092	PCCW cable installation & connection (KLHVB)	0%	6	02-Dec-19	07-Dec-19	260				
Z2.KLH.1102	EMSD cable & equipment installation (KLHVB)	0%	21	02-Dec-19	27-Dec-19	251				
<b>North Buffer Zone 2 (NBZ2) (within Zone 4) (Ch. 7925 to 8100)</b>										
<b>Bridge Construction</b>										
<b>New Ho Ka Yuen Footbridge</b>										
<b>TWSR-West/ FL Highway N/B Side Section</b>										
HKY1520	VO11 - slope improvement work	0%	45	04-Nov-19	27-Dec-19	251				
<b>ZONE 4 (Ch. 7925 to 8700)</b>										
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>										
<b>Underground Utility Works</b>										
<b>DN450 DI Watermain "A" (Ch 1989-2529)</b>										

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Start	Finish	Total Float	2019			
							Sep	Oct	Nov	Dec
DI0220	DN450 DI watermain laying at TWSR-W (CHA 2070)	0%	15	17-Oct-19	02-Nov-19	251				
DI0230	DN450 DI watermain laying at TWSR-W (CHA 2200)	97.47%	2	20-Jun-19 A	26-Sep-19	251				
DI0240	DN450 DI watermain laying at TWSR-W (CHA 2370)	0%	15	27-Sep-19	16-Oct-19	251				
<b>Bridge Construction</b>										
<b>New Wo Hop Shek Pedstrian &amp; Cycle Bridge</b>										
<b>General</b>										
WHS1110	Wo Hop Shek Bridge Complete	0%	0		05-Nov-19	294				05-Nov-19 ◆ Wo Hop Shek Bridge Complete
<b>TWSR-West/ FL Highway N/B Side Section</b>										
WHS1420	Ramp Finishes Work	91.28%	34	13-Jul-18 A	05-Nov-19	294				
WHS1430	Bridge Structure complete (WHS-TWSR-W side)	0%	0		05-Nov-19	294				05-Nov-19 ◆ Bridge Structure complete (WHS-TWSR-W side)
<b>VO152 - Additional Retaining Wall in Zone 4 Near at Grade Cycle Track and Footp</b>										
<b>Cycle Track</b>										
WHS1460	TTA for closure of slip Y lane 1 for material delivery	0%	3	10-Oct-19*	12-Oct-19	143				
WHS1560	Retaining Wall construction	0%	24	14-Oct-19	09-Nov-19	143				
WHS1570	Concrete Footing for railing	0%	10	11-Nov-19	21-Nov-19	143				
WHS1580	Concrete Footing for Expressway boundary fence	0%	10	22-Nov-19	03-Dec-19	143				
WHS1590	300 U-channel	0%	12	04-Dec-19	17-Dec-19	191				
WHS1600	backfill	0%	3	18-Dec-19	20-Dec-19	191				
WHS1610	Cycle Track sub-base & wearing course	0%	6	21-Dec-19	30-Dec-19	191				
<b>Footpath</b>										
WHS2150	Concrete Footing for railing	0%	15	04-Dec-19	20-Dec-19	143				
WHS2160	Concrete Footing for Expressway boundary fence	0%	15	21-Dec-19	10-Jan-20	143				
<b>TWSR-West Construction</b>										
<b>Drainage &amp; Road Works</b>										
<b>TWSR-West/ FL Highway N/B Side Section</b>										
RDZ41180	TWSR -W Road Works rectification	0%	18	04-Nov-19	23-Nov-19	278				
<b>Slip Road Y Construction</b>										
<b>Drainage &amp; Road Works</b>										
<b>TWSR-East FL Highway S/B Side Section</b>										
RDZ41080	Construct Slip Rd Y- 2nd lane (Ch8370-8650)(SA340) (Z4	90.35%	11	20-May-19 A	09-Oct-19	5				
RDZ41089	Slip Road Y (Ch7925-8650) complete	0%	0		09-Oct-19	5				09-Oct-19 ◆ Slip Road Y (Ch7925-8650) complete
<b>Fanling Highway Construction</b>										
<b>Drainage &amp; Road Works</b>										
<b>TWSR-West/ FL Highway N/B Side Section</b>										
RDZ41170	Complete Slip road V and associated slope work	88.51%	10	20-Jun-19 A	08-Oct-19	318				
<b>Other Works</b>										
<b>TCSS Works</b>										
<b>TCSS Pre-Construction Works</b>										
TCSS0180	Sign Gantry Factory production - FVMS1 (Deleted)	0%	0	25-Sep-19	25-Sep-19	328				
<b>Civil Provision for TCSS Works</b>										
TCSS2160	P51 for VSLS	0%	14	10-Oct-19	25-Oct-19	5				
TCSS2170	P52 for VSLS	0%	14	10-Oct-19	25-Oct-19	5				
TCSS2210	Pillar box, isolator & associated duct work - PL207 for G34 & G35	0%	30	01-Nov-19*	05-Dec-19	0				
TCSS2230	Pillar box, isolator & associated duct work - PL251 for G51	0%	30	06-Dec-19	13-Jan-20	208				
<b>DS50</b>										
TCSS1850	Sign Gantry Erection - DS50 (Z4) (Deleted by Verbal instruction , VO is	0%	0	25-Sep-19	25-Sep-19	328				
<b>TCSS Hub Room</b>										
TCSS1910	TCSS Hub Room Finishes	40%	27	29-Aug-19 A	28-Oct-19	256				
TCSS1920	TCSS Hub Room BS provision	0%	45	29-Oct-19	19-Dec-19	256				
<b>VO190 - Irrigation System near Ho Ka Yuen Footbridge</b>										
<b>VO190 - Irrigation System near Ho Ka Yuen Footbridge</b>										
IS160	Irrigation system installation near Ho Ka Yuen Footbridge	73.91%	6	04-Sep-19 A	02-Oct-19	0				
<b>Landscape Softwork</b>										
<b>Landscape Works</b>										
Z4.LW.1000	Landscape soft work Zone4	73.91%	6	04-Sep-19 A	02-Oct-19	0				
<b>Establishment Works</b>										
<b>Establishment Works</b>										
Z3.EW.1000	Establishment work Zone4	0%	365	03-Oct-19	01-Oct-20	0				
<b>VO Relocation of Traffic Sign at Pak Wo Road &amp; Jockey Club Road</b>										
<b>VO Relocation of Traffic Sign at Pak Wo Road &amp; Jockey Club Road</b>										
TS01030	TTA submission & approval	50%	15	02-Sep-19 A	14-Oct-19	196				
TS01040	TTA	0%	2	15-Oct-19	16-Oct-19	196				
TS01050	Sheet piling & excavation	0%	18	17-Oct-19	06-Nov-19	196				
TS01060	Footing (FL02, ADS52)	0%	45	07-Nov-19	31-Dec-19	196				
TS1160	XP application period - Jockey Club Road	41.75%	60	08-Aug-19 A	23-Nov-19	201				
TS1180	TTA	0%	2	25-Nov-19	26-Nov-19	161				
TS1190	Sheet piling & excavation	0%	18	27-Nov-19	17-Dec-19	161				
TS1200	Footing (DS53, FL01)	0%	45	18-Dec-19	13-Feb-20	161				
<b>Ducting Works in Traffic Signalized Junction at Pak Wo Road</b>										
<b>WHS Interchange</b>										
TSJ01050	Duct Laying (Road Crossing) - Pak Wo Road	7.14%	39	17-Sep-19 A	11-Nov-19	140				
TSJ01160	Duct Laying and Drawpitt construction (Along Existing Slope	0%	43	12-Nov-19	03-Jan-20	140				
<b>Pak Wo Road and Jockey Club Road Junction</b>										
TSJ01260	Existing MJ modified by HyD structure	0%	48	08-Oct-19*	02-Dec-19	0				
TSJ01270	Road Construction & reinstatement (new 2nd stage after MJ	0%	35	03-Dec-19	15-Jan-20	130				
<b>Commissioning of Traffic Signalized Junction (by EMSD)</b>										
TSJ01220	Eprom procurement	0%	60	09-Nov-19	21-Jan-20	130				

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**CONSTRUCTION PROGRAMME OF  
October 2019**

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Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019				2020
								Oct	Nov	Dec	Jan	
<b>Contract Condition</b>												
<b>General</b>												
Contract Condition												
<b>Contract Condition</b>												
KD06	KD-6 (1978d) - Comprises Landscapes Softworks in Zone 2 excluding SA322A, SA323A,	0%	0	0		02-Nov-19*	0					02-Nov-19* ◆ KD-6 (1978d) - Comprises Landscapes Softworks in
<b>ZONE 1 (Ch. 5640 to 5880)</b>												
<b>Other Works</b>												
VO189 - Irrigation System in Zone 1 and Zone 2												
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>												
IS0120	Irrigation system installation in Zone 1	0%	30	30	01-Nov-19*	05-Dec-19	268					
<b>Establishment Works</b>												
<b>Establishment Works</b>												
Z1.EW.1000	Establishment work Zone1	35.89%	234	365	11-Jun-19 A	09-Jun-20	0					
<b>ZONE 2 (Ch. 5880 to 6930)</b>												
<b>General</b>												
DRM Proposal												
<b>DRM Proposal</b>												
ADVZ20300	TWSR-W lane 2 construction	0%	50	50	25-Oct-19	21-Dec-19	254					
<b>Noise Barrier Along Fanling Highway N/B</b>												
NB43A (Ch.5880-6060)-FH N/B Side												
<b>Noise Barrier Works</b>												
NB03340	Relocate Bus Shelter installation - VO86	0%	11	11	16-Dec-19*	30-Dec-19	249					
<b>Underground Utility Works</b>												
<b>Underground Utility Works</b>												
UU0110	Towgas duct laying and associated work before backfill in Zone 1 & 2	98.22%	10	563	20-Apr-18 A	29-Oct-19	249					
UU0130	TTA duct laying and Road reinstatement by Towgas in Zone 1 & 2 (if required)	0%	120	120	30-Oct-19	26-Feb-20	249					
<b>Bridge Construction</b>												
New Tai Hang Footbridge												
<b>General</b>												
THBF0655	Tai Hang Footbridge Complete	0%	0	0		30-Dec-19	249					30-Dec-19 ◆ Tai Hang Fo
<b>TWSR-East FL Highway S/B Side Section</b>												
THBF0640	Finishes Work	0%	59	30	25-Sep-19 A	30-Dec-19	249					
THBF0645	Bridge Structure complete (THFB-TWSR-E side)	0%	0	0		30-Dec-19	249					30-Dec-19 ◆ Bridge Struc
THBF0800	ABWF work	0%	59	30	25-Sep-19 A	30-Dec-19	249					
<b>Lift at TWSR-W Side</b>												
L1800	THFB Completion Date	0%	0	0		30-Dec-19	249					30-Dec-19 ◆ THFB Com
<b>Lift at FLHY S/B</b>												
L1400	Roof cover for RC Platform	66.67%	10	30	25-Sep-19 A	31-Oct-19	263					
L1430	EMSD inspection & approval	0%	28	28	20-Oct-19	16-Nov-19	350					
L1440	E&M and Finishes work	0%	35	35	01-Nov-19	11-Dec-19	263					
L1450	CLP Power available (by CLP)	98.92%	13	1204	21-Jun-16 A	01-Nov-19	366					
L1460	Lift available - NF78	0%	0	0		11-Dec-19	263					11-Dec-19 ◆ Lift available - NF78
L1490	THFB Completion Date	0%	0	0		30-Dec-19	249					30-Dec-19 ◆ THFB Com
New Tai Wo Footbridge												
<b>General</b>												
TWFB1110	Tai Wo Footbridge Complete	0%	0	0		30-Dec-19	235					30-Dec-19 ◆ Tai Wo Foot
<b>Crossing Fanling Highway Section</b>												
TWFB1460	Finishes Work	64.88%	59	168	06-Apr-19 A	30-Dec-19	235					
TWFB1470	Bridge Structure complete (TWFB-Cross fanling highway)	0%	0	0		30-Dec-19	235					30-Dec-19 ◆ Bridge Struc
<b>Lift at TWSR-W Side</b>												
L1750	Lift T&C	18.18%	9	11	20-Sep-19 A	30-Oct-19	263					
L1760	EMSD inspection & approval	0%	28	28	31-Oct-19	27-Nov-19	322					
L1770	E&M and Finishes work	76%	36	150	23-Apr-19 A	30-Nov-19	258					
L1790	Lift available - NF116-Lift 1	0%	0	0		30-Nov-19	258					30-Nov-19 ◆ Lift available - NF116-Lift 1
L1810	New Tai Wo footbridge completion	0%	0	0		30-Dec-19	249					30-Dec-19 ◆ New Tai Wo
<b>Signalized Junction</b>												
New Tai Hang Footbridge												
<b>TWSR-West/ FL Highway N/B Side Section</b>												
THBF0630	Installation of Traffic Signal Poles at TWSR-W N/B (Tai hang Junction)	0%	21	21	30-Nov-19	24-Dec-19	231					
THBF0650	Ducting & Cable Draw Installation (Tai hang Junction)	89.31%	14	131	08-May-19 A	05-Nov-19	231					
THBF0660	Installation of Traffic Signal Poles at TWSR-W S/B (Tai hang Junction)	0%	21	21	06-Nov-19	29-Nov-19	231					
THBF0670	E-prom ordering by EMSD (Tai hang Junction)	95.43%	15	328	20-Nov-18 A	05-Nov-19	332					

	Project ID: WP Rev 08 (1910) Layout: 3 Month Rolling Program Page 1 of 4	<b>Contract No. HY/2012/06</b> <b>Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange</b> <b>3 Month Rolling Program(20-Oct-19)</b>		Date	Revision	C/A...
				17-Aug-17	WP Rev 5	
				28-Mar-18	WP Rev 6	
				27-Nov-18	WP Rev 6A	
				15-Jan-19	WP Rev 7	
				31-Oct-19	WP Rev 8	

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019				2020
								Oct	Nov	Dec	Jan	
THBF0680	Ducting & cable draw inspection by EMSD (Tai hang Junction)	0%	6	6	06-Nov-19	12-Nov-19	270					
THBF0690	Ducting & cable draw rectification (Tai hang Junction)	0%	12	12	13-Nov-19	26-Nov-19	270					
THBF0692	PCCW cable installation & connection (Tai hang Junction)	0%	6	6	27-Dec-19	03-Jan-20	246					
THBF0694	EMSD cable & equipment installation (Tai hang Junction)	0%	21	21	27-Dec-19	21-Jan-20	231					
<b>TWSR-West Construction</b>												
<b>Drainage &amp; Road Works</b>												
<b>Ch 5880-6740</b>												
RDZ20140	Z2 (CH5880-6930) : New TWSR - West Road works (2 lanes) complete	0%	0	0		21-Dec-19	254					21-Dec-19 ◆ Z2 (CH5880-6930)
RDZ20170	Z2 : New TWSR-Westroad Works (lane 2)	0%	50	50	25-Oct-19	21-Dec-19	254					
<b>Other Works</b>												
<b>TCSS Works</b>												
<b>Civil Provision for TCSS Works</b>												
TCSS2140	M10 for CCTV	0%	14	14	31-Dec-19	16-Jan-20	235					
TCSS2180	Pillar box, isolator & associated duct work - PL204 for G30 & G55	0%	16	16	21-Oct-19	07-Nov-19	292					
TCSS2190	Pillar box, isolator & associated duct work - PL205 for G54 & M10	0%	16	16	21-Oct-19	07-Nov-19	292					
TCSS2200	Pillar box, isolator & associated duct work - PL206 for G32	0%	16	16	21-Oct-19	07-Nov-19	292					
TCSS2270	Civil Provision for TCSS works available (Zone 2)	0%	0	0		07-Nov-19	292					07-Nov-19 ◆ Civil Provision for TCSS works available (Zone 2)
<b>G54</b>												
TCSS2120	Sign Gantry Erection - G54	68%	8	25	04-Sep-19 A	29-Oct-19	300					
<b>VO184 - Irrigation System in SA328 and SA329</b>												
<b>VO184 - Irrigation System in SA328 and SA329</b>												
IS0140	Irrigation system installation in SA328 and SA329	34.69%	32	49	04-Sep-19 A	26-Nov-19	276					
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>												
<b>VO189 - Irrigation System in Zone 1 and Zone 2</b>												
IS0130	Irrigation system installation in Zone 2	34.69%	32	49	04-Sep-19 A	26-Nov-19	276					
<b>Landscape Softwork</b>												
<b>Landscape Works</b>												
Z2.LW.1000	Landscape soft work Zone2	62.5%	12	32	25-Sep-19 A	02-Nov-19	0					
<b>Establishment Works</b>												
<b>Establishment Works</b>												
Z2.EW.1000	Establishment work Zone2	0%	365	365	02-Nov-19	01-Nov-20	0					
<b>Pai Lau in Tai Hang (VO126)</b>												
<b>Pai Lau in Tai Hang (VO126)</b>												
<b>Pai Lau in Tai Hang (VO126)</b>												
PL01050	Pai Lau Superstructure	12.31%	57	65	07-Oct-19A	27-Dec-19	210					
PL01070	Material submission approval	0%	30	30	19-Oct-19A	23-Nov-19	192					
PL01080	Material Order & delivery on site	0%	45	45	25-Nov-19	18-Jan-20	192					
<b>South Buffer Zone 1 (SBZ1) (within Zone 2)(Ch.6740 to 6930)</b>												
<b>Bridge Construction</b>												
<b>Kau Lung Hang Vehicular Bridge</b>												
<b>KLH Bridge - West Ramp</b>												
KLH.1290	West Ramp - Planting	0%	21	21	15-Nov-19*	09-Dec-19	265					
<b>KLH Bridge - Deck 1</b>												
KLH.3430	Deck 1 - Planting	0%	21	21	15-Nov-19	09-Dec-19	265					
<b>KLH Bridge - Deck 3</b>												
KLH.3500	Deck 3 - Planting	0%	21	21	15-Nov-19	09-Dec-19	265					
<b>KLH Bridge - East Ramp</b>												
KLH.3590	East Ramp - Planting	0%	21	21	15-Nov-19	09-Dec-19	265					
<b>KLH Bridge - Staircase S1</b>												
Z2.KLH.1500	S1 - Roof steel frame installation	75.61%	10	41	11-Sep-19 A	31-Oct-19	268					
Z2.KLH.1750	S1 - Corrugated steel roof	0%	18	18	01-Nov-19	21-Nov-19	268					
Z2.KLH.1760	S1 - Handrail	0%	12	12	22-Nov-19	05-Dec-19	268					
Z2.KLH.1770	S1 - Lighting & finishes works	0%	12	12	22-Nov-19	05-Dec-19	268					
<b>Bridge Road Work</b>												
Z2.KLH.2040	Landscape work of KLHVB	78.66%	35	164	23-Apr-19A	29-Nov-19	273					
<b>Lift at TWSR-W Side</b>												
L01130	Finishes work	95.06%	8	162	20-Mar-19A	29-Oct-19	300					
L01150	Lift available - NF117-Lift 1	0%	0	0		29-Oct-19	300					29-Oct-19 ◆ Lift available - NF117-Lift 1
<b>Signalized Junction</b>												
<b>Kau Lung Hang Vehicular Bridge</b>												
<b>KLH Bridge - West Ramp</b>												
Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	0%	21	21	14-Nov-19	07-Dec-19	245					
Z2.KLH.1052	Installation of Traffic Signal Poles at TWSR-W S/B (KLHVB)	0%	21	21	21-Oct-19	13-Nov-19	245					
Z2.KLH.1082	Ducting & cable draw rectification (KLHVB)	50%	6	12	19-Oct-19A	26-Oct-19	290					
Z2.KLH.1092	PCCW cable installation & connection (KLHVB)	0%	6	6	09-Dec-19	14-Dec-19	254					
Z2.KLH.1102	EMSD cable & equipment installation (KLHVB)	0%	21	21	09-Dec-19	04-Jan-20	245					

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019				2020
								Oct	Nov	Dec	Jan	
Z2.KLH.1112	Traffic Signal Installation complete (KLHVB)	0%	0	0		04-Jan-20	245				04-Jan-20	◆ Traffic Signal
<b>North Buffer Zone 2 (NBZ2) (within Zone 4) (Ch. 7925 to 8100)</b>												
<b>Bridge Construction</b>												
New Ho Ka Yuen Footbridge												
<b>TWSR-West/ FL Highway N/B Side Section</b>												
HKY1520	VO11 - slope improvement work	0%	45	45	21-Nov-19	15-Jan-20	236					
<b>ZONE 4 (Ch. 7925 to 8700)</b>												
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>												
Underground Utility Works												
<b>DN450 DI Watermain "A" (Ch 1989-2529)</b>												
DI0220	DN450 DI watermain laying at TWSR-W (CHA 2070)	20%	12	15	27-Sep-19 A	02-Nov-19	236					
DI0240	DN450 DI watermain laying at TWSR-W (CHA 2370)	0%	15	15	04-Nov-19	20-Nov-19	236					
<b>Bridge Construction</b>												
New Wo Hop Shek Pedestrian & Cycle Bridge												
<b>General</b>												
WHS1110	Wo Hop Shek Bridge Complete	0%	0	0		16-Dec-19	259				16-Dec-19	◆ Wo Hop Shek Bridge
<b>TWSR-West/ FL Highway N/B Side Section</b>												
WHS1420	Ramp Finishes Work	87.56%	49	394	13-Jul-18 A	16-Dec-19	259					
WHS1430	Bridge Structure complete (WHS-TWSR-W side)	0%	0	0		16-Dec-19	259				16-Dec-19	◆ Bridge Structure comp
VO152 - Additional Retaining Wall in Zone 4 Near at Grade Cycle Track and Footpath at WHS Bridge												
<b>Cycle Track</b>												
WHS1560	Retaining Wall construction	0%	24	24	14-Nov-19*	11-Dec-19	116					
WHS1570	Concrete Footing for railing	0%	10	10	12-Dec-19	23-Dec-19	116					
WHS1580	Concrete Footing for Expressway boundary fence	0%	10	10	24-Dec-19	07-Jan-20	116					
WHS1590	300 U-channel	0%	12	12	08-Jan-20	21-Jan-20	164					
<b>Footpath</b>												
WHS2150	Concrete Footing for railing	0%	15	15	08-Jan-20	24-Jan-20	116					
<b>TWSR-West Construction</b>												
Drainage & Road Works												
<b>TWSR-West/ FL Highway N/B Side Section</b>												
RDZ41180	TWSR -W Road Works rectification	0%	18	18	21-Nov-19	11-Dec-19	263					
<b>Fanling Highway Construction</b>												
Drainage & Road Works												
<b>TWSR-West/ FL Highway N/B Side Section</b>												
RDZ41170	Complete Slip road V and associated slope work	73.63%	24	91	20-Jun-19A	16-Nov-19	284					
<b>Other Works</b>												
<b>TCSS Works</b>												
<b>TCSS Pre-Construction Works</b>												
TCSS0180	Sign Gantry Factory production - FVMS1 (Deleted)	0%	0	0	21-Oct-19	21-Oct-19	308					
<b>Civil Provision for TCSS Works</b>												
TCSS2150	M12 for CCTV	0%	14	14	02-Jan-20*	17-Jan-20	0					
TCSS2160	P51 for VLS	0%	14	14	21-Oct-19	05-Nov-19	-4					
TCSS2170	P52 for VLS	0%	14	14	21-Oct-19	05-Nov-19	-4					
TCSS2210	Pillar box, isolator & associated duct work - PL207 for G34 & G35	0%	30	30	06-Nov-19*	10-Dec-19	-4					
TCSS2230	Pillar box, isolator & associated duct work - PL251 for G51	0%	30	30	11-Dec-19	17-Jan-20	204					
TCSS2240	Pillar box, isolator & associated duct work - PL208 for M12, G36, P51, P52 & FL02	0%	30	30	18-Jan-20	24-Feb-20	204					
<b>DS50</b>												
TCSS1850	Sign Gantry Erection - DS50 (Z4) (Deleted by Verbal instruction, VO is pending)	0%	0	0	21-Oct-19	21-Oct-19	308					
<b>TCSS Hub Room</b>												
TCSS1910	TCSS Hub Room Finishes	85.71%	7	49	29-Aug-19 A	28-Oct-19	256					
TCSS1920	TCSS Hub Room BS provision	0%	45	45	29-Oct-19	19-Dec-19	256					
VO190 - Irrigation System near Ho Ka Yuen Footbridge												
<b>VO190 - Irrigation System near Ho Ka Yuen Footbridge</b>												
IS160	Irrigation system installation near Ho Ka Yuen Footbridge	73.91%	6	23	04-Sep-19 A	26-Oct-19	302					
<b>Landscape Softwork</b>												
<b>Landscape Works</b>												
Z4.LW.1000	Landscape soft work Zone4	73.91%	6	23	04-Sep-19 A	26-Oct-19	302					
<b>Establishment Works</b>												
<b>Establishment Works</b>												
Z3.EW.1000	Establishment work Zone4	4.66%	348	365	02-Oct-19A	01-Oct-20	0					
VO Relocation of Traffic Sign at Pak Wo Road & Jockey Club Road												
<b>VO Relocation of Traffic Sign at Pak Wo Road &amp; Jockey Club Road</b>												
TS01030	TTA submission & approval	0%	66	34	02-Sep-19 A	08-Jan-20	125					
TS01040	TTA	0%	2	2	09-Jan-20	10-Jan-20	125					
TS01050	Sheet piling & excavation	0%	18	18	11-Jan-20	03-Feb-20	125					
TS1160	XP application period - Jockey Club Road	33.33%	72	108	08-Aug-19 A	30-Dec-19	164					
TS1180	TTA	0%	2	2	31-Dec-19	02-Jan-20	132					
TS1190	Sheet piling & excavation	0%	18	18	03-Jan-20	23-Jan-20	132					

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2019				2020
								Oct	Nov	Dec	Jan	
<b>Ducting Works in Traffic Signalized Junction at Pak Wo Road</b>												
<b>WHS Interchange</b>												
TSJ01050	Duct Laying (Road Crossing) - Pak Wo Road	0%	60	46	17-Sep-19 A	31-Dec-19	99					
TSJ01160	Duct Laying and Drawpit construction (Along Existing Slope Crest or Planter)	0%	43	43	02-Jan-20	22-Feb-20	99					
<b>Pak Wo Road and Jockey Club Road Junction</b>												
TSJ01260	Existing MJ modified by HyD structure	0%	61	61	26-Oct-19*	08-Jan-20	101					
TSJ01270	Road Construction & reinstatement (new 2nd stage after MJ modification by HyD)	0%	35	35	09-Jan-20	20-Feb-20	101					
<b>Commissioning of Traffic Signalized Junction (by EMSD)</b>												
TSJ01220	Eprom procurement	0%	60	60	16-Dec-19	28-Feb-20	99					

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

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

**Air Quality – Schedule of Recommended Mitigation Measures**

Impact	Mitigation Measures	Timing	Implementation Status		
			Aug 19	Sep 19	Oct 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 <sup>3</sup> 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	@	@
	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		
			Aug 19	Sep 19	Oct 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 <b>4d (i)</b> – Layout of Noise Barrier of Environmental Permit.		@	@	@
	Noise Barrier built based on Figure <b>4e</b> – Layout of Noise Barrier of Environmental Permit.		V*	V*	V*
	Noise Barrier built based on Figure <b>4e (i)</b> – Layout of Noise Barrier of Environmental Permit.		V*	V*	V*

\* Permanent noise barriers have been erected.

### Water Quality – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status		
			Aug 19	Sep 19	Oct 19
Water quality during construction	Demolition and reconstruction of bridges <ul style="list-style-type: none"> <li>- Prevent off-site migration through use of sheet piles.</li> <li>- Minimise duration of works as far as practical.</li> <li>- All sewer and drainage connections should be sealed to prevent debris, soil, sand, etc, from entering public sewers/drains.</li> <li>- Site surface runoff should be settled to remove sand/silt before it is discharged into the existing storm drains.</li> </ul>	During construction	V	V	V
	Road Widening Works, Earthworks and Culvert Extension Works <ul style="list-style-type: none"> <li>- 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.</li> <li>- Sand traps, oil interceptors and other pollution prevention installations should be provided, properly cleaned and maintained.</li> <li>- 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.</li> <li>- Regular inspections of stilling basins and/or silt traps is required to ensure that sediment is not conveyed into the existing drainage system.</li> <li>- Open stockpiles should be covered with a tarpaulin cover.</li> <li>- During the wet season, any exposed top soils should be covered with a tarpaulin, shotcreted or hydroseeded.</li> <li>- Sand and silt from wash-water from vehicle washing should be settled out before discharging into storm drains.</li> <li>- Fuels should be stored in bunded areas such that spillage can be easily collected.</li> </ul>		@	V	V

**Waste – Schedule of Recommended Mitigation Measures**

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

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

### Ecology – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status		
			Aug 19	Sep 19	Oct 19
Ecology during construction	<p>Accurate Delineation of Works Area</p> <ul style="list-style-type: none"> <li>- Boundaries of proposed works areas shall be clearly identified and separated from external areas by a physical barrier to prevent encroachment of adjacent habitats.</li> <li>- 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.</li> </ul>	During construction	V	V	V
	<p>Vegetation Clearance</p> <ul style="list-style-type: none"> <li>- No fires shall be lit within the works area for the purpose of burning cleared vegetation.</li> <li>- The Contractor shall give consideration to mulching the cleared vegetation for recycling within the works area / adjacent land.</li> </ul>		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"> <li>- Vehicle washing facilities to be provided at every discernible or designated vehicle exit point;</li> <li>- All temporary site access roads shall be sprayed with water to suppress dust as necessary;</li> <li>- All dusty materials should be sprayed with water immediately prior to any handling; and</li> <li>- All debris should be covered entirely by impervious sheeting or stored in a sheltered debris collection area.</li> </ul>		@	@	V
	<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"> <li>- Bund and cover stock piles to avoid run-off;</li> <li>- Channel any run-off through a system of oil, grease and sediment / silt traps and reuse water on site where ever practical;</li> <li>- All vehicle maintenance to be undertaken within a bunded area; and</li> <li>- Maximise vegetation retention on-site to maximise absorption (minimise transport).</li> </ul>		@	V	V

**Landscape and Visual Impact – Schedule of Recommended Mitigation Measures**

Impact	Mitigation Measures	Timing	Implementation Status		
			Aug 19	Sep 19	Oct 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.

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

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## 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 <sup>3</sup>	500 µg/m <sup>3</sup>

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

Location	Action Level	Limit Level
AM2	200.7 µg/m <sup>3</sup>	260 µg/m <sup>3</sup>

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

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

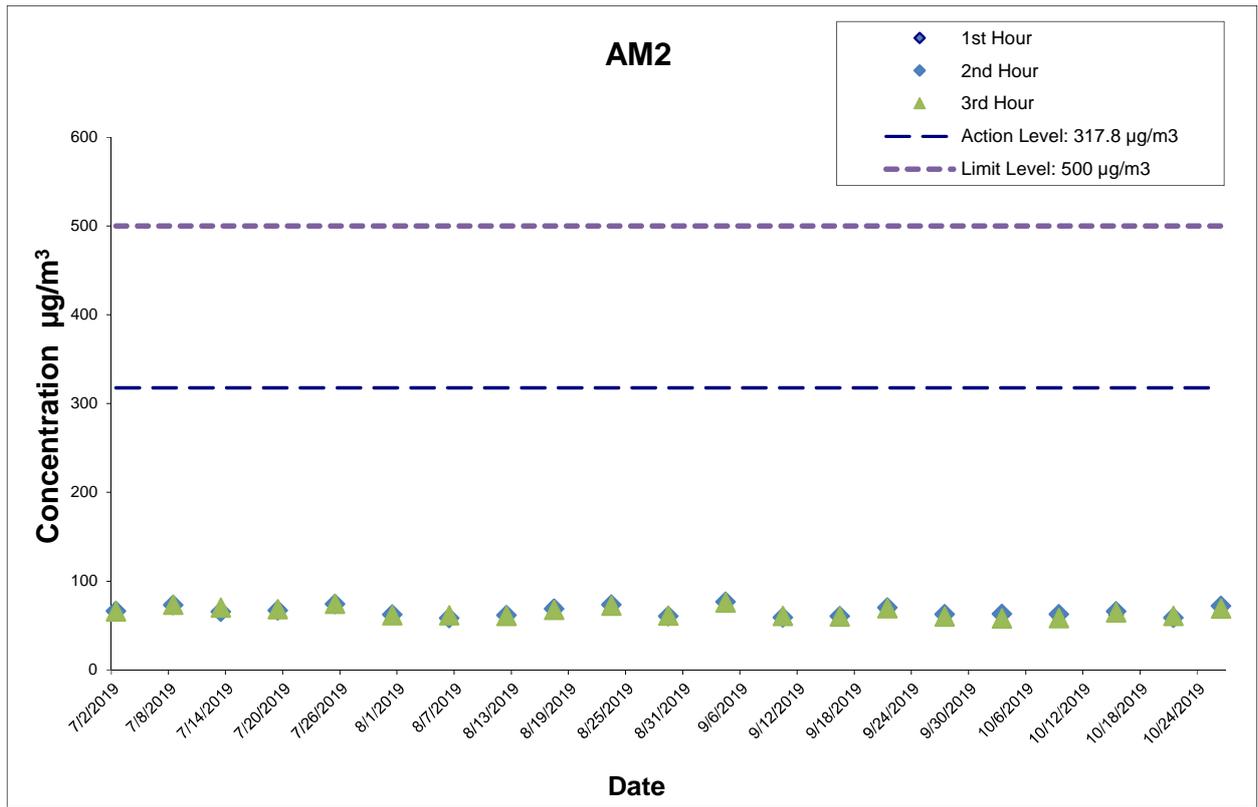
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## Impact Air Quality Monitoring Results

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

Date	Start Time (hh:mm)	1st Hour Conc. ( $\mu\text{g}/\text{m}^3$ )	2nd Hour Conc. ( $\mu\text{g}/\text{m}^3$ )	3rd Hour Conc. ( $\mu\text{g}/\text{m}^3$ )
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
6-Aug-19	10:00	60.1	58.4	61.6
12-Aug-19	13:10	62.8	61.7	60.9
17-Aug-19	10:10	71.3	69.0	67.9
23-Aug-19	13:09	72.9	73.6	72.4
29-Aug-19	13:35	62.1	60.7	61.2
4-Sep-19	13:05	76.5	76.8	76.1
10-Sep-19	13:15	60.2	59.2	60.9
16-Sep-19	10:12	61.2	60.5	60.2
21-Sep-19	10:35	67.5	70.2	69.6
27-Sep-19	13:15	61.1	62.7	60.2
3-Oct-19	9:30	62.1	63.1	58.1
9-Oct-19	13:00	61.1	62.8	58.5
15-Oct-19	13:45	62.0	66.0	65.0
21-Oct-19	10:15	60.3	58.7	61.1
26-Oct-19	10:20	70.7	72.2	69.3
Average for the reporting quarter (Aug 19 to Oct 19)				64.7
Minimum for the reporting quarter (Aug 19 to Oct 19)				58.1
Maximum for the reporting quarter (Aug 19 to Oct 19)				76.8



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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

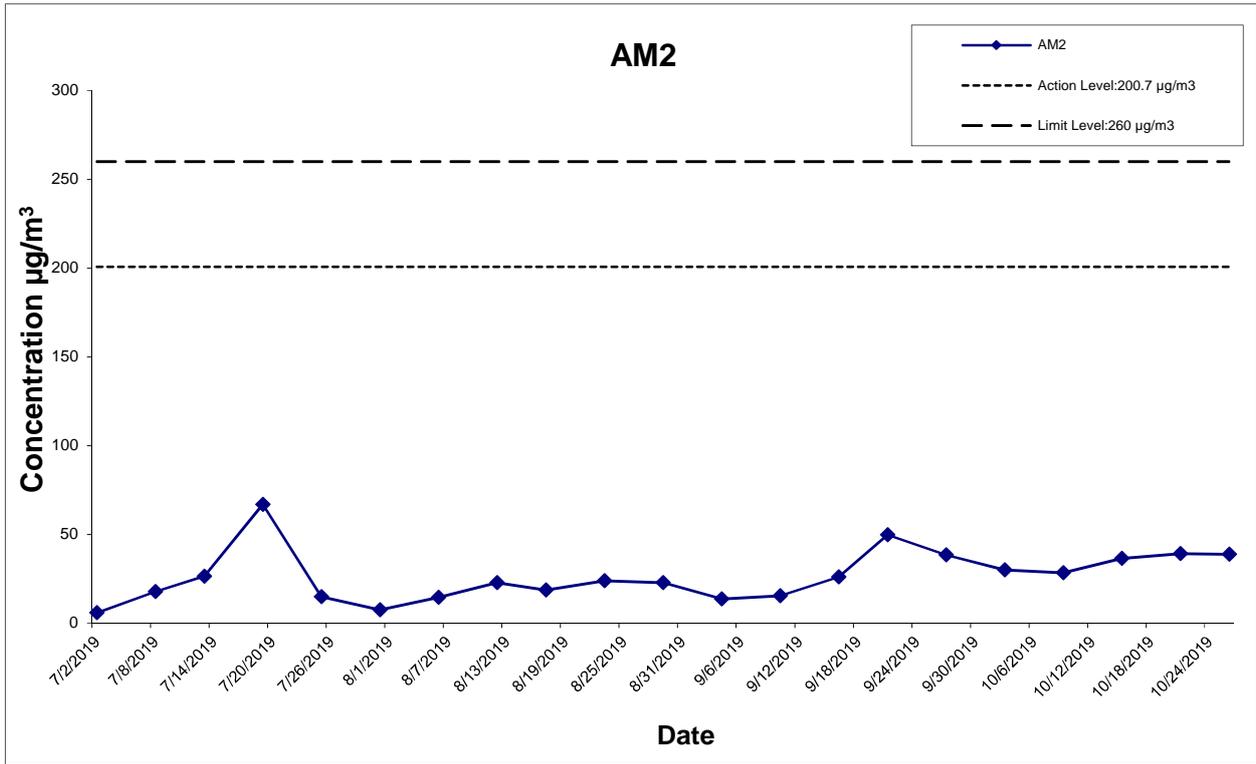
Date: Nov-19

Appendix E

## 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 <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m <sup>3</sup> )	Actino Level (µg/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )
				Initial	Final			Initial	Final		Initial	Final				
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
6-Aug-19	Sunny	29.8	1002.7	1.324	1.324	1.324	1906.6	2.6936	2.7211	0.0275	12186.02	12210.02	24.00	14.4	200.7	260
12-Aug-19	Rainy	30.8	1001.6	1.324	1.324	1.324	1906.6	2.7090	2.7522	0.0432	12210.02	12234.02	24.00	22.7	200.7	260
17-Aug-19	Rainy	28.0	1005.6	1.324	1.324	1.324	1906.6	2.6867	2.7223	0.0356	12234.02	12258.02	24.00	18.7	200.7	260
23-Aug-19	Rainy	29.4	1006.7	1.324	1.324	1.324	1906.6	2.6938	2.7391	0.0453	12258.02	12282.02	24.00	23.8	200.7	260
29-Aug-19	Sunny	29.0	1005.6	1.324	1.324	1.324	1906.6	2.6789	2.7223	0.0434	12282.02	12306.02	24.00	22.8	200.7	260
4-Sep-19	Cloudy	26.8	1004.0	1.324	1.324	1.324	1906.6	2.6846	2.7104	0.0258	12306.02	12330.02	24.00	13.5	200.7	260
10-Sep-19	Sunny	30.1	1008.9	1.324	1.324	1.324	1906.6	2.7177	2.7471	0.0294	12330.02	12354.02	24.00	15.4	200.7	260
16-Sep-19	Sunny	29.3	1007.7	1.324	1.324	1.324	1906.6	2.7106	2.7602	0.0496	12354.02	12378.02	24.00	26.0	200.7	260
21-Sep-19	Sunny	29.2	1008.0	1.324	1.324	1.324	1906.6	2.6591	2.7540	0.0949	12378.02	12402.02	24.00	49.8	200.7	260
27-Sep-19	Sunny	27.6	1016.6	1.324	1.324	1.324	1906.6	2.7191	2.7924	0.0733	12402.02	12426.02	24.00	38.4	200.7	260
3-Oct-19	Sunny	29.0	1012.1	1.324	1.324	1.324	1906.6	2.6815	2.7385	0.0570	12486.02	12510.02	24.00	29.9	200.7	260
9-Oct-19	Sunny	27.8	1014.7	1.324	1.324	1.324	1906.6	2.6704	2.7244	0.0540	12510.02	12534.02	24.00	28.3	200.7	260
15-Oct-19	Sunny	26.0	1019.0	1.324	1.324	1.324	1906.6	2.6743	2.7437	0.0694	12534.02	12558.02	24.00	36.4	200.7	260
21-Oct-19	Sunny	25.3	1014.0	1.324	1.324	1.324	1906.6	2.6304	2.7051	0.0747	12558.02	12582.02	24.00	39.2	200.7	260
26-Oct-19	Cloudy	25.9	1017.0	1.324	1.324	1.324	1906.6	2.6277	2.7015	0.0738	12582.02	12606.02	24.00	38.7	200.7	260
Average for the reporting quarter (Aug 19 to Oct 19)													27.9			
Minimum for the reporting quarter (Aug 19 to Oct 19)													13.5			
Maximum for the reporting quarter (Aug 19 to Oct 19)													49.8			



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 - TAI HANG TO WO HOP SHEK INTERCHANGE



Graphical Presentation of Impact 24-hour TSP Monitoring Results

Project No.: 60307376      Date: Nov-19

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**APPENDIX F  
METEOROLOGICAL DATA FOR THE  
REPORTING PERIOD**

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## Daily Extract of Meteorological Observations , August 2019

Year  Month  

Day	Hong Kong Observatory								King's Park	Waglan Island <sup>^</sup>	
	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	1000.1	27.6	26.4	24.9	25.2	94	94	98.3	***	***	***
02	1002.1	28.5	27.0	25.4	25.3	91	88	8.2	***	***	***
03	1002.7	27.5	26.7	25.3	25.1	91	88	28.4	***	***	***
04	1002.7	30.2	27.9	26.9	24.6	83	87	Trace	***	***	***
05	1003.1	34.5	29.7	26.5	25.0	77	34	0.0	***	***	***
06	1002.7	32.2	29.8	28.7	25.4	78	65	Trace	***	***	***
07	1000.7	33.6	30.1	28.0	23.8	70	43	0.0	***	***	***
08	998.5	33.5	30.4	27.7	25.1	74	43	0.0	***	***	***
09	997.2	35.1	31.3	28.1	26.2	75	36	0.0	***	***	***
10	999.0	33.2	30.6	29.4	27.4	83	83	0.0	***	***	***
11	1000.7	32.7	30.4	29.2	26.9	82	85	1.1	***	***	***
12	1001.6	34.0	30.8	29.2	27.0	80	78	0.4	***	***	***
13	1001.7	33.3	30.8	28.8	26.6	79	67	9.2	***	***	***
14	1002.0	33.4	30.0	25.2	26.2	80	70	54.4	***	***	***
15	1001.9	32.4	30.0	26.5	25.8	79	69	5.6	***	***	***
16	1003.4	32.0	30.0	27.6	26.2	81	82	1.1	***	***	***
17	1005.6	30.1	28.0	25.9	25.5	87	87	42.2	***	***	***
18	1005.1	31.6	27.8	25.0	25.2	86	84	19.0	***	***	***
19	1003.9	31.8	28.8	26.8	25.6	83	81	0.1	***	***	***
20	1004.8	31.7	29.1	28.0	25.2	79	74	Trace	***	***	***
21	1005.9	32.8	29.5	27.6	24.3	74	74	0.0	***	***	***
22	1006.6	33.0	29.7	27.5	25.3	77	62	0.0	***	***	***
23	1006.7	31.4	29.4	28.2	25.5	80	65	0.7	***	***	***
24	1002.3	33.9	30.9	27.7	25.9	75	56	0.0	***	***	***
25	1000.8	32.6	27.2	25.1	25.2	89	95	88.4	***	***	***
26	1006.3	28.7	25.7	22.9	24.7	95	81	178.3	***	***	***
27	1008.1	31.4	28.6	26.9	26.3	88	57	2.9	***	***	***
28	1006.2	33.8	29.9	27.2	25.4	77	72	0.0	***	***	***
29	1005.6	30.7	29.0	27.8	25.8	83	80	5.9	***	***	***
30	1007.6	30.1	27.7	25.0	25.1	86	83	8.5	***	***	***
31	1007.8	30.3	26.9	25.0	25.3	91	90	43.7	***	***	***
Mean/Total	1003.3	31.9	29.0	26.9	25.6	82	73	596.4	***	***	***
Normal <sup>§</sup>	1005.2	31.1	28.6	26.6	25.0	81	69	432.2	188.9	230	19.4

\*\*\* unavailable

<sup>^</sup> 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

<sup>§</sup> 1981-2010 Climatological Normal, unless otherwise specified

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## Daily Extract of Meteorological Observations , September 2019

Year  Month

Day	Hong Kong Observatory								King's Park	Waglan Island <sup>^</sup>	
	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	1006.5	31.0	28.2	26.2	24.7	82	85	8.5	4.7	***	***
02	1007.0	28.1	26.9	25.2	25.2	90	88	38.4	0.1	***	***
03	1005.6	30.9	28.4	26.2	24.6	80	85	12.9	5.9	***	***
04	1004.0	28.3	26.8	25.5	25.1	91	89	62.2	1.4	***	***
05	1003.1	29.3	27.2	25.4	25.1	88	89	31.8	4.1	***	***
06	1002.5	32.4	28.9	26.8	24.9	79	55	0.2	9.5	***	***
07	1003.6	33.3	29.8	27.5	25.6	79	25	0.4	8.2	***	***
08	1004.7	33.0	30.0	28.0	26.2	80	31	0.4	9.0	***	***
09	1005.8	33.3	30.0	28.3	25.7	78	47	0.0	4.1	***	***
10	1008.9	33.3	30.1	28.2	25.2	76	27	0.0	10.5	***	***
11	1011.3	33.3	30.2	28.4	24.6	73	38	Trace	10.0	***	***
12	1009.9	33.5	30.3	28.3	24.8	73	44	0.0	9.8	***	***
13	1008.4	33.0	30.1	28.7	25.6	77	64	Trace	6.1	***	***
14	1008.4	32.3	29.8	28.4	25.5	78	69	Trace	4.8	***	***
15	1008.2	32.2	29.2	25.9	24.4	76	51	11.0	5.5	***	***
16	1007.7	32.3	29.3	26.3	24.5	76	73	4.3	7.4	***	***
17	1009.0	31.8	29.2	27.9	24.5	76	80	2.1	4.8	***	***
18	1010.9	32.0	28.8	25.8	24.7	79	79	18.0	5.2	***	***
19	1011.3	32.4	28.0	24.9	22.7	74	54	8.7	10.3	***	***
20	1008.7	32.6	29.0	26.2	17.5	52	9	0.0	11.0	***	***
21	1008.0	32.5	29.2	26.5	14.8	42	2	0.0	11.1	***	***
22	1012.2	31.3	28.3	25.9	13.1	40	7	0.0	11.2	***	***
23	1016.2	30.7	27.7	25.4	18.4	57	41	0.0	8.0	***	***
24	1017.5	30.3	27.5	26.3	21.5	70	59	0.0	7.0	***	***
25	1017.3	30.8	27.3	25.7	21.4	71	32	Trace	5.9	***	***
26	1017.2	30.8	27.5	25.5	21.6	71	43	0.0	7.6	***	***
27	1016.6	30.6	27.6	25.7	21.9	72	46	Trace	5.7	***	***
28	1015.0	32.2	28.2	25.9	22.2	71	33	0.0	8.6	***	***
29	1012.8	31.7	28.7	26.6	23.7	75	33	0.0	8.8	***	***
30	1008.8	33.4	30.1	27.2	22.0	64	21	0.0	10.0	***	***
Mean/Total	1009.6	31.8	28.7	26.6	23.1	73	50	198.9	216.3	***	***
Normal <sup>§</sup>	1008.9	30.1	27.7	25.8	23.4	78	66	327.6	172.3	090	22.6

\*\*\* unavailable

<sup>^</sup> 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

<sup>§</sup> 1981-2010 Climatological Normal, unless otherwise specified

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## Daily Extract of Meteorological Observations , October 2019

Year  Month

Day	Hong Kong Observatory								King's Park	Waglan Island <sup>^</sup>	
	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	1009.4	33.2	30.3	28.4	21.2	59	11	0.0	10.7	***	***
02	1011.2	32.1	29.5	27.9	23.7	71	20	0.0	10.6	***	***
03	1012.1	31.8	29.0	27.4	22.3	67	22	0.0	10.5	***	***
04	1012.2	31.3	28.6	26.9	22.4	70	22	0.0	8.0	***	***
05	1012.9	32.3	29.1	26.8	22.7	69	18	0.0	9.9	***	***
06	1014.7	29.1	26.3	23.1	22.8	81	87	46.8	0.2	***	***
07	1015.4	28.3	26.3	23.2	23.7	86	83	17.9	3.2	***	***
08	1015.6	30.4	27.7	25.3	23.6	79	66	4.9	8.4	***	***
09	1014.7	29.8	27.8	26.7	22.9	75	55	Trace	9.0	***	***
10	1013.5	30.3	27.9	26.6	23.3	76	35	0.0	8.4	***	***
11	1011.8	31.1	28.5	26.3	23.5	75	24	0.0	10.1	***	***
12	1011.8	31.5	28.6	27.4	24.4	78	51	0.3	4.8	***	***
13	1014.6	30.8	27.2	24.5	24.2	84	81	13.6	5.0	***	***
14	1017.6	28.9	25.8	24.2	23.1	86	80	52.1	2.2	***	***
15	1019.0	29.7	26.0	23.1	20.8	74	56	10.4	8.4	***	***
16	1018.3	28.9	25.5	23.2	18.9	67	37	0.0	9.4	***	***
17	1017.2	29.7	26.2	23.9	20.1	70	31	0.0	10.4	***	***
18	1016.9	29.0	26.5	24.7	20.3	70	57	Trace	8.3	***	***
19	1017.2	29.6	26.2	24.2	20.7	72	34	0.0	9.0	***	***
20	1016.5	28.3	25.4	23.4	20.7	76	42	3.5	7.7	***	***
21	1014.0	28.8	25.3	23.5	19.9	72	35	0.0	8.5	***	***
22	1012.2	28.0	25.0	23.4	18.6	68	21	0.0	9.9	***	***
23	1012.2	28.7	25.5	23.5	19.8	71	28	0.0	10.2	***	***
24	1014.9	29.5	26.2	24.5	20.4	71	51	0.0	8.7	***	***
25	1016.7	28.3	25.8	24.3	21.0	75	33	0.0	9.6	***	***
26	1017.0	28.3	25.9	24.7	21.0	75	73	Trace	4.3	***	***
27	1015.3	29.0	25.7	24.0	21.3	76	59	Trace	8.1	***	***
28	1014.7	29.0	25.2	22.4	20.8	77	79	Trace	3.2	***	***
29	1015.7	24.7	22.7	20.3	15.9	65	54	0.0	4.5	***	***
30	1016.7	26.4	24.0	21.5	15.6	60	81	0.0	4.4	***	***
31	1016.2	27.2	24.8	23.2	18.3	68	78	0.0	5.1	***	***
Mean/Total	1014.8	29.5	26.6	24.6	21.2	73	49	149.5	230.7	***	***
Normal <sup>§</sup>	1014.1	27.8	25.5	23.7	20.2	73	58	100.9	193.9	080	27.4

\*\*\* unavailable

<sup>^</sup> 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

<sup>§</sup> 1981-2010 Climatological Normal, unless otherwise specified

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

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**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*		
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
6-Aug-19	10:20	66.7	68.0	64.5	75	N
12-Aug-19	14:20	53.4	54.1	51.5	75	N
23-Aug-19	14:24	67.6	69.5	65.5	75	N
29-Aug-19	14:30	68.0	69.0	65.0	75	N
4-Sep-19	14:15	67.1	69.0	65.5	75	N
10-Sep-19	14:00	65.8	67.0	63.0	75	N
16-Sep-19	11:29	69.7	71.2	69.7	75	N
27-Sep-19	14:00	66.6	67.5	63.5	75	N
3-Oct-19	10:15	70.6	72.5	68.4	75	N
9-Oct-19	13:55	67.7	69.0	65.0	75	N
15-Oct-19	14:45	68.0	70.0	62.0	75	N
21-Oct-19	11:15	69.8	71.2	67.8	75	N
Minimum for May 19 to Jul 19		53.4	54.1	51.5		
Maximum for May 19 to Jul 19		70.6	72.5	69.7		
Average for May 19 to Jul 19		67.8	69.4	65.7		

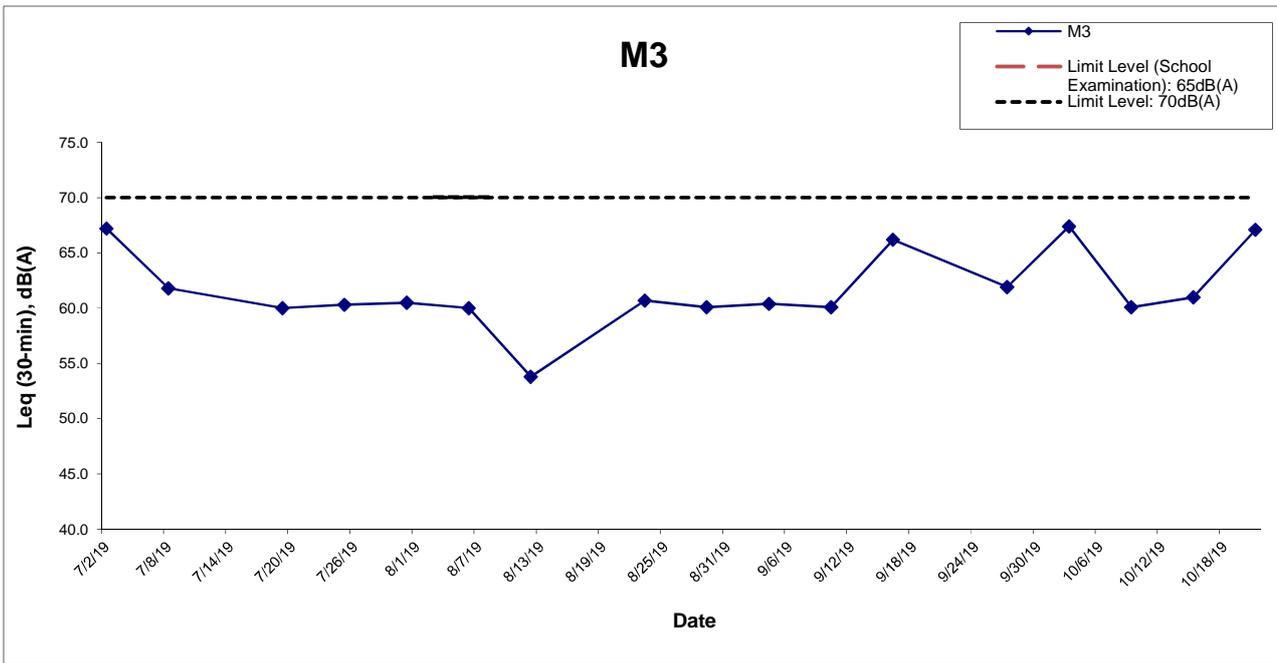
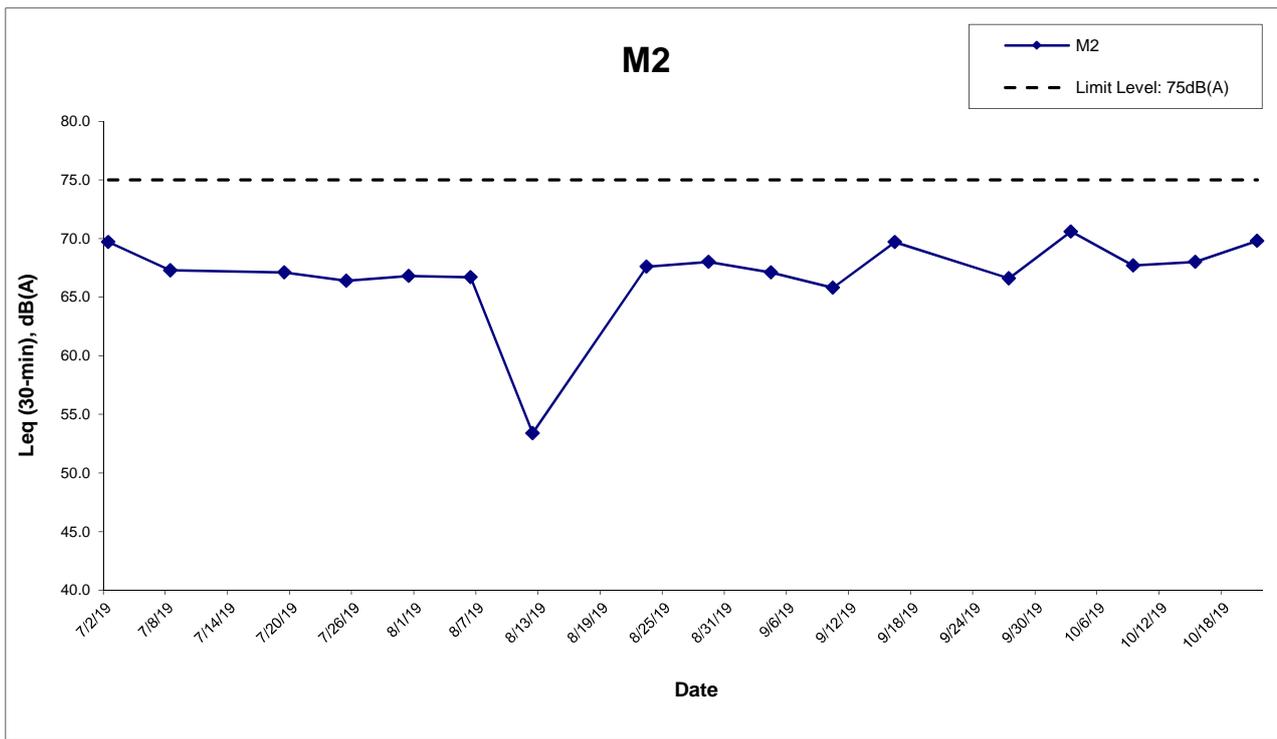
**Location : M3 (Fanling Government Secondary School- Façade)**

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) <sup>^</sup>	Exceedance (Y/N)
	Start Time	Leq	L10	L90		
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
6-Aug-19	10:00	60.0	61.0	55.0	70	N
12-Aug-19	15:10	53.8	55.1	52.4	70	N
23-Aug-19	13:12	60.7	62.5	57.5	70	N
29-Aug-19	13:35	60.1	61.0	55.5	70	N
4-Sep-19	13:10	60.4	62.5	58.0	70	N
10-Sep-19	13:15	60.1	61.0	57.0	70	N
16-Sep-19	10:09	66.2	68.1	64.3	70	N
27-Sep-19	13:15	61.9	62.5	59.0	70	N
3-Oct-19	9:30	67.4	68.9	64.5	70	N
9-Oct-19	13:00	60.1	61.0	56.5	70	N
15-Oct-19	13:50	61.0	63.5	58.0	70	N
21-Oct-19	10:30	67.1	68.6	65.9	70	N
Minimum for May 19 to Jul 19		53.8	55.1	52.4		
Maximum for May 19 to Jul 19		67.4	68.9	65.9		
Average for May 19 to Jul 19		63.0	64.6	60.6		

\* +3dB(A) Façade effect correction included

<sup>^</sup> 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: Nov-19

Appendix G

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

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## 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 Period	Total no. followed up by the ET since project commencement
<b>Environmental complaints</b>	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	1	9
	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 Period	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 &amp; 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 Period	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 Period	Total no. followed up by the ET since project commencement
<p>25 February 2018 (Referred by the Contractor on 1 March 2018)</p>	<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>	<p>Closed</p>		

	<b>Date Received</b>	<b>Subject</b>	<b>Status</b>	<b>Total no. followed up by the ET this Period</b>	<b>Total no. followed up by the ET since project commencement</b>
	28 September 2019  (Referred by the EPD on 28 October 2019)	<p>The EPD received a complaint on 28 October 2019. The complaint was referred to the Environmental Team by the Contractor on 28 October 2019.</p> <p>The complainant was regarded to the use of powered mechanical equipment not in accordance with the conditions stipulated in the Construction Noise Permit (CNP) - GW-RN0602-19 in Pak Wo Road near Fanling Highway on 24 September 2019.</p> <p>The complainant concerned about if any Construction Noise Permit is issued by the Environmental Protection Department.</p>	Closed		
<b>Notification of summons</b>	-	-	-	0	0
<b>Successful Prosecutions</b>	-	-	-	0	0

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

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