

Environmental Protection Department

Contract No. HY/2012/06

Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange

Quarterly EM&A Report for February 2018 to April 2018

[5/2018]

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Your Reference

Our Reference JFP/EC/ST/pl/T329380/22 .05/L-0216

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T +852 2828 5757 F +852 2827 1823 mottmac.hk 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 February 2018 to April 2018 for the portion of Stage 2 works under Contract No. HY/2012/06

25 May 2018

By Fax (2805 5028) & Hand

We refer to the Quarterly EM&A Summary Report for February 2018 to April 2018 for the captioned Project received on 16 May 2018 submitted by ET via email. We confirm we have no comment.

Yours faithfully for MOTT MACDONALD HONG KONG LIMITED

Steven Tang

Independent Environmental Checker

C.C.

HyD AECOM Mr. Ricky Yeung Mr. Y W Fung By Fax (2714 5198) By Fax (3922 9797)

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AECOM Asia Co. Ltd. P:\60307376\1.01\Deliverables\Quarterly Report\201802-201804\Rev.0 (1802-1804).doc 1 May 2018

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)".

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 February 2018 and 30 April 2018. As informed by the Contractor, construction activities of Contract No. HY/12012/06 in the reporting period were as follows:

- Site clearance
- Ground investigation
- Pipe laying
- Retaining wall construction
- Noise barrier
- Excavation
- Backfilling
- Drainage
- Footbridge demolition
- Bridge construction
- Piling

As informed by the Contractor, construction activities of Works Order Nos. CB128520-5 and CB128519-0 under Contract No. 02/HY/2015 in the reporting period were:

- Construction of footpath & bus lay-by
- Erection of NB panels
- Erection of NB posts

- KMB works
- Metal frame for BBI
- Metal frame & roof cladding of bus shelter

Reporting Change

There was no reporting change required in the reporting period.

Breaches of Action and Limit Levels for Air Quality

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

Breaches of Action and Limit Levels for Noise

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

One (1) Limit Level exceedance was recorded on 9 April 2018 for noise monitoring at M3 in the reporting period. The exceedance is still under investigation.

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 1 March 2018 and followed up by the Environmental Team. The full complaint investigation report is annexed in Appendix M of the Monthly EM&A Report for March 2018.

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.

AECOM Asia Co. Ltd. 3 May 2018

1 INTRODUCTION

1.1 Project Organization and Contacts of Key Management

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

Table 1.1 Contact Information of Key Personnel

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

1.2 Programme

1.2.1 The Construction Programme is shown in Appendix B.

1.3 Summary of Construction Works

- 1.3.1 Details of the construction works of Contract No. HY/2012/06 carried out by the Contractor in this reporting period are listed below:
- Site clearance
- Ground investigation
- Pipe laying
- Retaining wall construction

- Noise barrier
- Excavation
- Backfilling
- Drainage
- Footbridge demolition
- Bridge construction
- Piling

Details of the construction works of Works Order Nos. CB128520-5 and CB128519-0 under Contract No. 02/HY/2015 carried out by the Contractor in this reporting period are listed below:

- Construction of footpath & bus lay-by
- Erection of NB panels
- Erection of NB posts
- KMB works
- Metal frame for BBI
- Metal frame & roof cladding of bus shelter
- 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 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 (μg/m³)	Range (μg/m³)	Action Level (μg/m³)	Limit Level (μg/m³)
AM2 (Fanling Government Secondary School)	69.0	60.6 – 80.6	317.8	500

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

Location	Average (μg/m³)	Range (μg/m³)	Action Level (μg/m³)	Limit Level (µg/m³)
AM2 (Fanling Government Secondary School)	40.3	19.5 – 66.1	200.7	260

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

4 NOISE MONITORING

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

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

	Average (dB(A))	Range (dB(A))	Limit Level (dB(A))
	L _{eq (30 mins)}	L _{eq (30 mins)}	L _{eq (30 mins)}
M2* (West Tai Wo)	68.5	66.0 - 70.8	75
M3# (Fanling Government Secondary School)	64.7	59.5 – 67.4	65/70

^{*+3}dB(A) Facade correction included

- 4.1.3 The major noise sources during the noise monitoring included nearby road traffic noise.
- 4.1.4 No Action Level exceedance of construction noise was recorded in the reporting month. No noise complaints related to 0700 1900 hours on normal weekdays was received and followed by Environmental Team in the reporting period.
- 4.1.5 One (1) Limit Level exceedance was recorded on 9 April 2018 for noise monitoring at M3 in the reporting period. The exceedance is still under investigation.
- 4.1.6 The graphical plots of the trends of the monitoring results are provided in Appendix G.

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

5 ADVICE ON THE SOLID AND LIQUID WASTE MANAGEMENT STATUS

- 5.1.1 As advised by the Contractor of Contract No. HY/2012/06, 9,492 m³ of inert C&D material was generated in the reporting period 808m³ was broken concrete, 3,670m³ was reused in the Contract, 3,257m³ was reused in other Projects and 1,757m³ was disposed as public fill to Tuen Mun 38). 255 kg of general refuse was disposed of at NENT landfill. 13,324 kg of metals, 180 kg of paper and 1,225 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 guarter are summarized in Table 5.1.

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

Waste Type	Actual Amount	Disposal/Reuse Locations
Inert C&D materials disposed as public fill	1,757 m³	Tuen Mun 38
Broken concrete	808 m ³	Tuen Mun 38
C&D wastes disposed as general refuse	255 m³	NENT Landfill
Paper/cardboard packaging	180 kg	Recycling Facilities
Plastics	1,225 kg	Recycling Facilities
Metals	13,324 kg	Recycling Facilities
C&D materials reused on site	$3,670 \text{ m}^3$	Site Area
C&D materials reused in other projects	3,257 m ³	Other projects
Chemical wastes	0 kg	Licensed Contractors

- 5.1.3 As advised by the Contractor of Works Order Nos. CB128520-5 and CB128519-0 under Contract No. 02/HY/2015, 2 m³ of inert C&D material was generated in the reporting month (0 m³ disposed of as public fill to Tuen Mun 38, 0 m³ of inert C&D materials was reused on site, 0 m³ of inert C&D materials was reused in other projects and 2 m³ was broken concrete). For C&D wastes, 0 m³ of general refuse was disposed of at NENT landfill, 2 kg of paper/cardboard packaging, 2 kg of plastics and 0 kg of metals were collected by recycling Contractors in the reporting period.
- 5.1.4 The actual amounts of different types of waste generated by the activities of the Project in the reporting period are shown in Table 5.2.

Table 5.2 Summary of Waste Flow Table for Contract No. 02/HY/2015 (Works Order Nos. CB128520-5 and CB128519-0)

Waste Type	Actual Amount	Disposal/Reuse Locations
Inert C&D materials disposed as public fill	0 m ³	Tuen Mun 38
Broken concrete	2 m ³	Tuen Mun 38
C&D wastes disposed as general refuse	0 m ³	NENT Landfill
Paper/cardboard packaging	2 kg	Recycling Facilities
Plastics	2 kg	Recycling Facilities
Metals	0 kg	Recycling Facilities
C&D materials reused on site	0 m ³	Site Area
C&D materials reused in other projects	0 m ³	Other projects

6 SUMMARY OF EXCEEDANCES OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMIT

- 6.1.1 All 1-hour and 24-hour TSP monitoring results complied with the Action / Limit Levels in the reporting quarter.
- 6.1.2 No Action Level exceedance of construction noise was recorded in the reporting month. No noise complaints related to 0700 1900 hours on normal weekdays was received and followed by Environmental Team in the reporting period.
- 6.1.3 One (1) Limit Level exceedance was recorded on 9 April 2018 for noise monitoring at M3 in the reporting period. The exceedance is still under investigation.

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 1 March 2018 and followed up by the Environmental Team. The full complaint investigation report is annexed in Appendix M of the Monthly EM&A Report for March 2018.
- 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.

AECOM Asia Co. Ltd. 9 May 2018

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 stockpile of dusty materials entirely with impervious sheeting for dust suppression.
- The Contractor was advised to provide valid NRMM label for all equipment before operation.
- The Contractor was advised to remove the mud trail and ensure the vehicle entrance and wheel
 washing area clear of dusty materials.
- The Contractor was advised to clean up the dust on public access road regularly.
- The Contractor was advised to clear the dusty materials near vehicle exit points and pave the wheel washing area with hardcore.
- The Contractor was advised to clear the dusty materials at the vehicle exit points and ensure all
 vehicles are properly wheel-washed before leaving the site.

Construction Noise Impact

Nil.

Water Quality Impact

- The Contractor was advised to provide proper protection for the drainage system.
- The Contractor was advised to remove the general refuse and wastes in the drainage and ensure proper protection for drainage system is provided.
- The Contractor was advised to clean up the public access road near site boundary and implement effective measures to prevent muddy surface runoff being spilled from the site to public area.

Chemical and Waste Management

- The Contractor was advised to provide drip tray and proper label for all chemicals and store the chemical waste at a proper storage area.
- The Contractor was advised to plug the opening of the drip tray to prevent potential leakage.

Landscape and Visual Impact

Nil.

Miscellaneous

The Contractor was advised to remove the stagnant water to prevent mosquito breeding.

Contract No. 02/HY/2015 (Works Order Nos. CB128520-5 and CB128519-0)

Air Quality Impact

 The Contractor was advised to cover the exposed stockpile of dusty materials entirely with impervious sheeting for dust suppression.

Construction Noise Impact

Nil.

Water Quality Impact

Nil.

Chemical and Waste Management

The Contractor was advised to improve the housekeeping condition and keep the site clean and tidy.

Landscape and Visual Impact

Nil.

Miscellaneous

Nil.

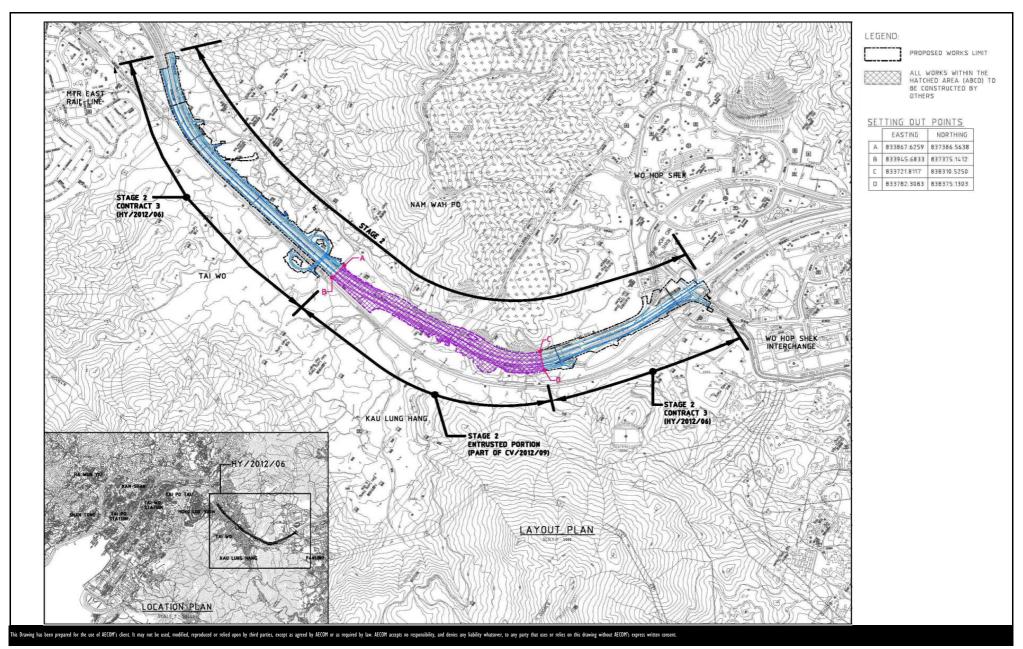
8.2 Recommendations

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

8.3 Conclusions

- 8.3.1 All 1-hour and 24-hour TSP monitoring results complied with the Action / Limit Levels in the reporting quarter.
- 8.3.2 No Action Level exceedance of construction noise was recorded in the reporting month. No noise complaints related to 0700 1900 hours on normal weekdays was received and followed by Environmental Team in the reporting period.
- 8.3.3 One (1) Limit Level exceedance was recorded on 9 April 2018 for noise monitoring at M3 in the reporting period. The exceedance is still under investigation.
- 8.3.4 No notification of summons and successful prosecution was received in the reporting period.
- 8.3.5 One (1) noise-related complaint was received on 1 March 2018 and followed up by the Environmental Team. The full complaint investigation report is annexed in Appendix M of the Monthly EM&A Report for March 2018.

FIGURES



CONTRACT NO. HY/2012/06

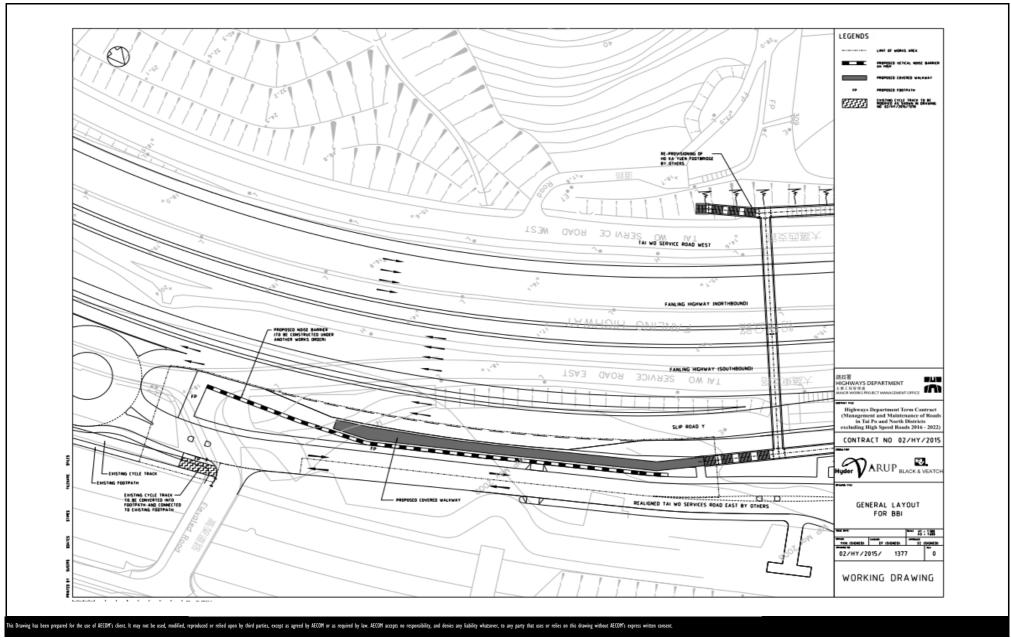
WIDENING OF FANLING HIGHWAY

- TAI HANG TO WO HOP SHEK INTERCHANGE

AECOM

Layout Plan

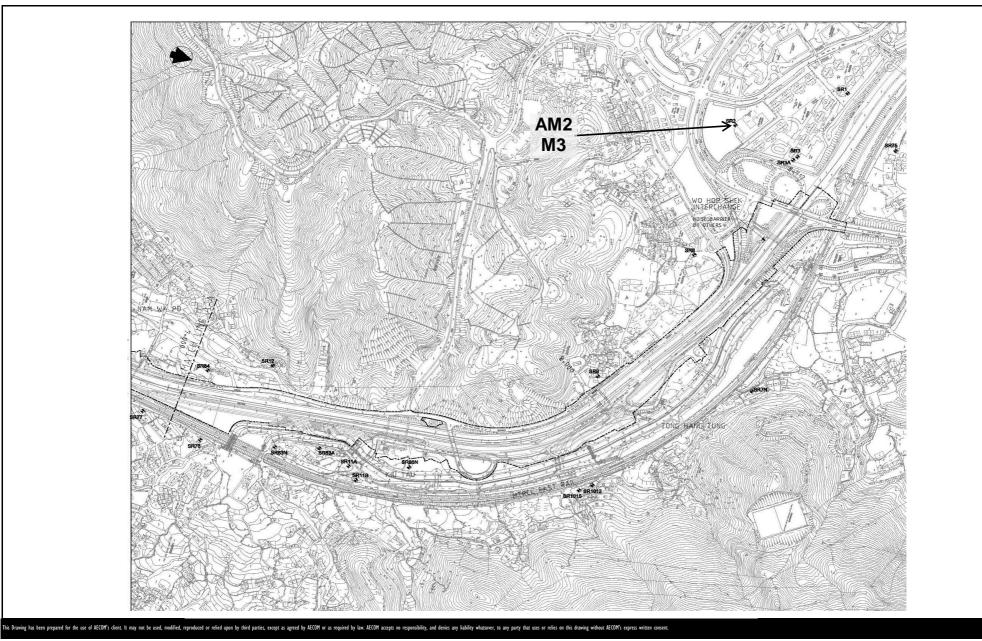
Date: Dec 2013 Figure 1.1



CONTRACT NO. 02/HY/2015

PROVISION OF BUS-BUS INTERCHANGE ON FANLING HIGHWAY KOWLOON BOUND



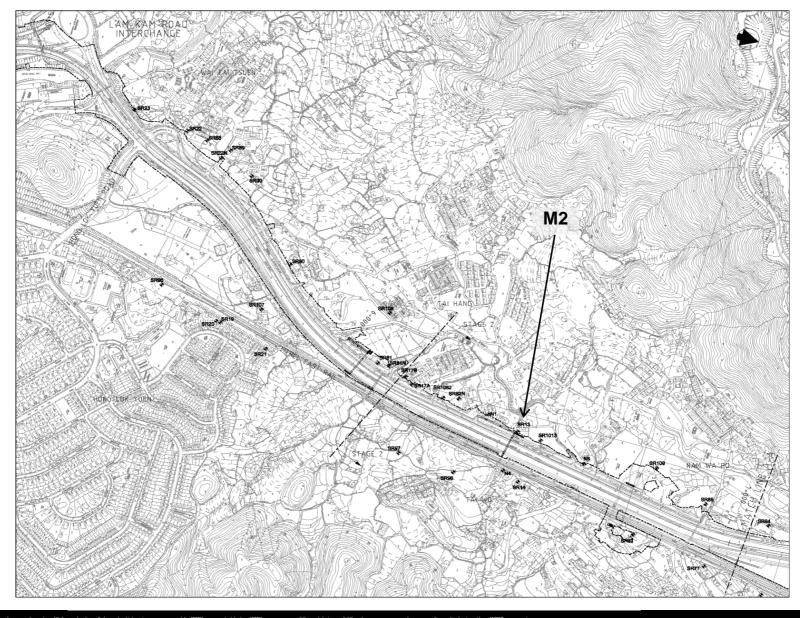


CONTRACT NO. HY/2012/06
WIDENING OF FANLING HIGHWAY

- TAI HANG TO WO HOP SHEK INTERCHANGE



Date: Dec 2013 Figure 1.3a



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WIDENING OF FANLING HIGHWAY

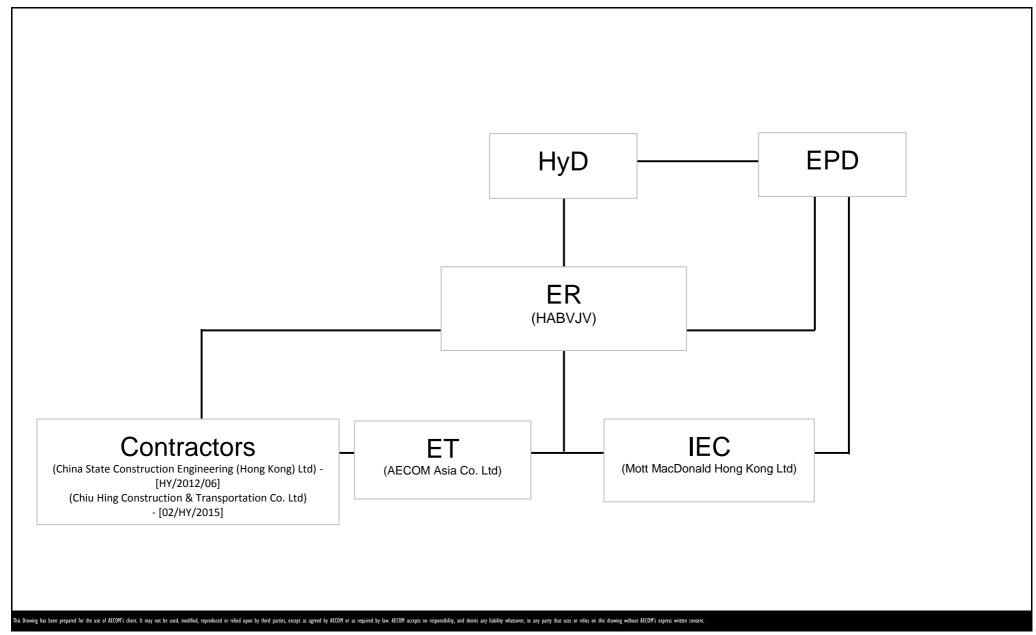
CONTRACT NO. HY/2012/06

- TAI HANG TO WO HOP SHEK INTERCHANGE



Date: Dec 2013 Figure 1.3b

APPENDIX A PROJECT ORGANIZATION STRUCTURE



CONTRACT NO. HY/2012/06

WIDENING OF FANLING HIGHWAY

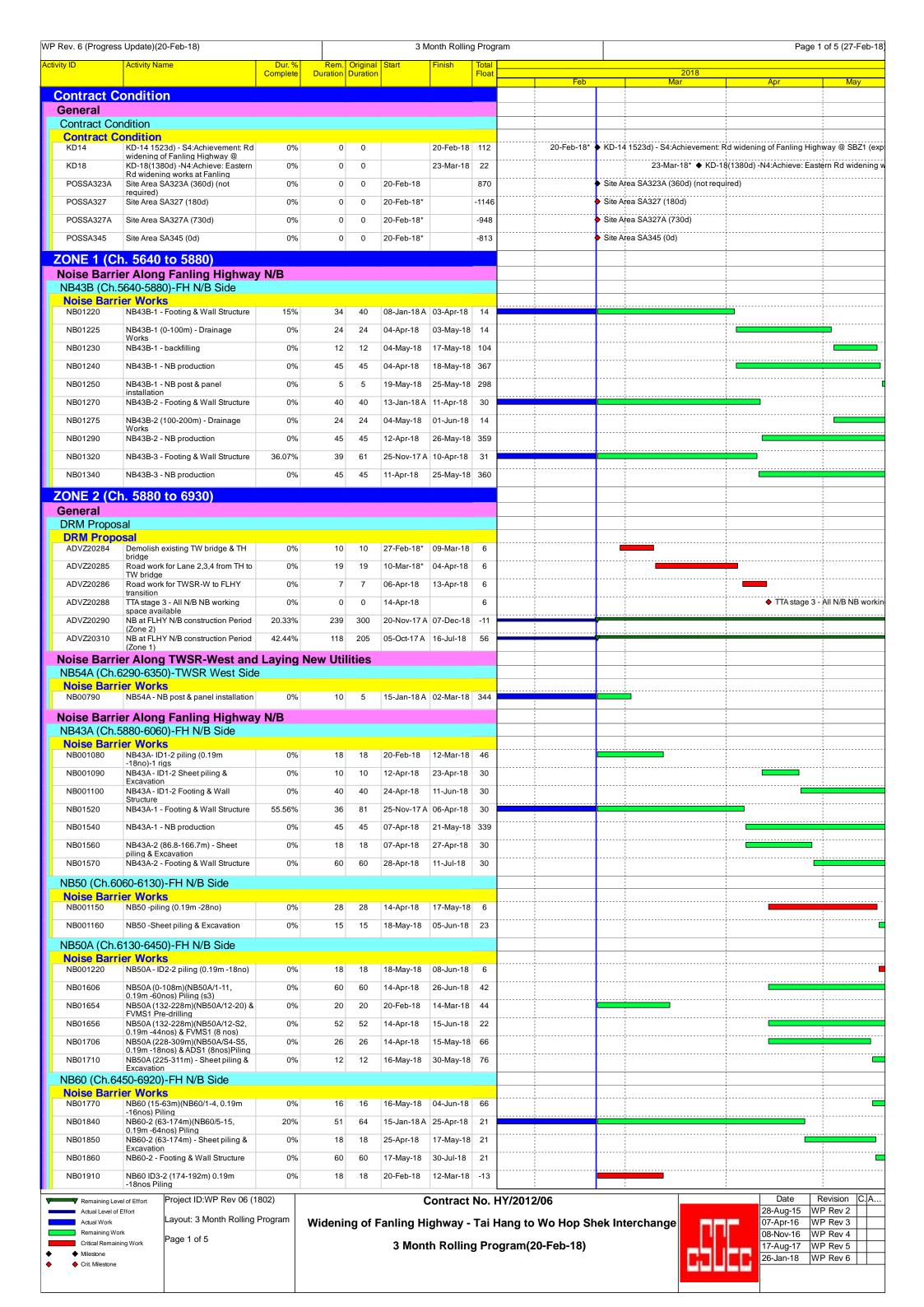
- TAI HANG TO WO HOP SHEK INTERCHANGE



Project No.: 60307376 Date: Apr 2017 Appendix A

APPENDIX B CONSTRUCTION PROGRAMMES

CONSTRUCTION PROGRAMME OF FEBRUARY 2018



	Update)(20-Feb-18)					onth Rollin		ram 			Page 2	2 of 5 (27-Feb
ity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float			2018		
NB01920	NB60-ID3-2 ((174-192m) - Sheet	0%	18	18	13-Mar-18	06-Apr-18	-13	Feb		Mar	Apr	May
NB01930	piling & Excavation NB60-ID3-2 - Footing & Wall	0%	50	50	07-Apr-18	06-Jun-18	-13	: 		1 		
NB01980	Structure NB60 (192-300m)(NB60/16-25,	10%	36		01-Feb-18 A					! ! !		
	0.19m -40nos) Piling	10%	30	40	01-Feb-16 A	00-Api-16	31			1 1 1		1
Bridge Cons										1		
New Tai Han		-4:								1		
THBF0620	t/ FL Highway N/B Side Se Finishes Work	79.15%	64	307	27-Feb-17 A	10-May-18	290					
THBF0625	Bridge Structure complete	0%	0	0		10-May-18				! ! !	10-	∐ May-18 ♦ Bri
	(THFB-TWSR-W side)	0 70	0	•		10-iviay-10	230			1	10	10 V D
Crossing Fa	anling Highway Section Finishes Work	0%	60	60	20-Feb-18	05-May-18	204			; !		
					20-1 60-10					 	OF Man	40. 4. 0.
THBF0600	Bridge Structure complete (THFB-Cross fanling highway)	0%	0	0		05-May-18	294			1	U5-May	-18 ♦ Bridge
	FL Highway S/B Side Sec		45	100	04.11. 40.1	10.1.10	400			1 1 1 1		
THBF0470	THAB1 - pile cap & abutment wall	88.97%	45		21-Nov-16 A					1 1 1 1		
THBF0800	ABWF work	0%	30	30	20-Feb-18	26-Mar-18	324			1		
Lift at TWS										1		
L1530	Structural Laminated glass wall installation	0%	30	30	20-Feb-18	26-Mar-18	221					
L1550	Metal cover on RC platform	0%	30	30	20-Feb-18	26-Mar-18	204			1		· +
L1555	Glass canopy on ground level	0%	30	30	27-Mar-18	05-May-18	294					
L1560	Lift installation (NF115)	0%	70	70	27-Mar-18	23-Jun-18	221					
L1590	E&M and Finishes work	0%	120		27-Mar-18	22-Aug-18						ļ
L1600	CLP Power available (by CLP)	94.47%	32	579	21-Jun-16 A	23-Mar-18	361					
Lift at FLHY		0.5			00.0	46 :						
L1370	Lift shaft & roof	88.89%	46	414	20-Sep-16 A	18-Apr-18	104			1 1 1		
L1380	Structural Laminated glass wall installation	0%	30	30	19-Apr-18	25-May-18	134			,		1
L1390	RC Platform connect to bridge	0%	30	30	19-Apr-18	25-May-18	104	 		L		!
L1450	(THSC-2 & TH-P2) CLP Power available (by CLP)	89.48%	61	580	21-Jun-16 A	21-Apr-18	282			į		
New Tai Wo I	Footbridge									1 1 1		1
General	rootbridge									1 1 1		
TWFB1090	Steel Bridge prefabrication (TWFB)	91.49%	37	435	15-Aug-16 A	07-Apr-18	182					
TWFB1100	Steel Bridge available on site	0%	0	0	09-Apr-18		182			; ; ;	♦ Steel Bridge avail	able on site (
TWOD West	(TWFB)	-4:			'					1 1 1	-	1
TWSR-West	t <mark>/ FL Highway N/B Side Se</mark> Finishes Work	75.11%	59	237	20-May-17 A	04-May-18	281			! 		<u></u>
TWFB1400	Bridge Structure complete	0%	0		,	04-May-18				i !	04-May /	18 ♦ Bridge S
	(TWFB-TWSR-W side)	0%	0	U		04-IVIAY-10	201			 	04-iviay-	io ♥ blidge (
Crossing Fa	anling Highway Section TWP2 - Pile cap	00/	20	20	44 0== 40	40 May 40	00			! ! !		
	·	0%	30	30	14-Apr-18	19-May-18	00			1 1 1 1		1
	FL Highway S/B Side Sec		45	45	00 5.1.40	47.440	0.4			<u> </u>		
TWFB1480	Precautionary work for MTRC I&P area	0%	45		20-Feb-18	17-Apr-18				 		
TWFB1550	TWP3 - Pre-bored H pile (6 nos)	0%	18	18	18-Apr-18	09-May-18	81			1 1 1 1		
TWFB1570	TWP3 - Pile cap, Pier and Pier Head	0%	75	75	10-May-18	08-Aug-18	81			 		
Lift at TWS	R-W Side											
L1670	Lift shaft & roof	95.4%	22	478	21-Jun-16 A	16-Mar-18	138			1		
L1680	Structural Laminated glass wall	0%	30	30	17-Mar-18	25-Apr-18	181			1		-
L1690	installation RC Link slab connect to bridge	0%	30	30	17-Mar-18	25-Apr-18	138					
L1700	Metal cover on RC platform	0%	30	30	26-Apr-18	01-Jun-18	138	 		1 1 1		
	·				·					<u> </u>		
L1730	Lift submission & ordering period	94.36%	26	461	02-Jul-16 A	21-Mar-18	207			1		
L1780	CLP Power available (by CLP)	92.06%	42	529	20-Aug-16 A	02-Apr-18	330			1		
Temporary Ta	ai Wo Footbridge									1 1 1		
Construction										<u> </u>		
TWFB-T1220	Temp TW bridge complete & pedestrian diversion	0%	0	0		28-Feb-18	0	28-F6	0-18" (Temp TW bridge complete &	k pedestrian diversion	
	f Existing Tai Wo Footbridge									- - - - - -		
	anling Highway Section Erect Temp platform for bridge	0%	10	10	20-Feb-18	02-Mar-18	6					
	demolition											
TWFB-DE1070	Demolish existing Tai Wo Footbridge	0%	4	4	03-Mar-18	07-Mar-18	6					
TWFB-DE1090	Demolish remaining columns	0%	2	2	08-Mar-18	09-Mar-18	6					
TWFB-DE1110	Demolish existing Tai Wo	0%	0	0		09-Mar-18	6		09-1	lar-18 ♦ Demolish existing	Tai Wo Footbridge complete	(across FH)
Voise Barrie	Footbridge complete (across FH) er Along Fanling Highway	v S/B					<u> </u>			1		
	35-6055)-FH S/B Side	, 0, 0								1		
Noise Barri										1 1 1		
NB02300	NB51 ID1-3 (0-25m) - NB production	93.86%	14	228	20-May-17 A	05-Mar-18	416					
NB02310	NB51 ID1-3 (0-25m) - NB post &	0%	5	5	06-Mar-18	10-Mar-18	337				,	
NB53 (Ch.61	panel installation 25-6300) -FH S/B Side (MTI	RC I&P Ar	ea)		<u> </u>					1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Noise Barri			- 5,							, 		
NB02430	Precautionary Measure installation	0%	26	26	20-Feb-18	21-Mar-18	155					
NB02440	NB53 (0-100m) - Sheet piling &	0%	26	26	22-Mar-18	25-Apr-18	192					
NB02450	Excavation NB53 (0-100m) - Footing & Wall	0%	60	60	26-Apr-18	09-Jul-18	192			; ;		<u> </u>
NB02490	Structure NB53 ID2-3 (100-125m), 18nos		10		22-Mar-18	06-Apr-18				 		
	Predrilling	0%				·						<u> </u>
NB02500	NB53 ID2-3 (100-125m) 18nos Piling- 1 rigs	0%	27	27	07-Apr-18	09-May-18						
NB02510	NB53 ID2-3 (100-125m) - Sheet piling & Excavation	0%	21	21	10-May-18	04-Jun-18	155			, , , ,		
NB02590	NB53 (125-180m) - NB production	97.64%	14	593	20-May-16 A	05-Mar-18	416	 		1		
NB02600	NB53 (125-180m) - NB post & panel	0%	5	5	06-Mar-18	10-Mar-18	337					
	installation				_					1		1
	300-6360)-FH S/B Side (MTR	C IOD A	22/							i		

	ss Update)(20-Feb-18)		_			onth Rolling	g Progr	am			Pag	e 3 of 5 (27-Fe
ity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float			2018		
NB02670	NB55 - NB post & panel installation	0%	5	5	03-Apr-18	09-Apr-18	316	Fe	eb	Mar	Apr	May
NB56 (Ch.63	360-6400)-FH S/B Side (MTR	RC I&P Ar	ea)									
Noise Barr	ier Works				1							
NB02730	NB56 - NB production	97.95%	14			05-Mar-18				1		
NB02740	NB56 - NB post & panel installation	0%	5	5	06-Mar-18	10-Mar-18	337				 	
	400-6560)-FH S/B Side (MTR	C I&P Ar	ea)							1		
Noise Barr	NB61 (0-50m)- backfilling	44%	28	50	20-Jan-18 A	23-Mar-18	326					
NB02800	NB61 (0-50m) - NB production	68.89%	14	45	20-Jan-18 A					<u></u>	 	
NB02810	NB61 (0-50m) - NB post & panel	0%	5	5	06-Mar-18	10-Mar-18					 	
NB02850	installation NB61 (50-160m) - NB production	0%	45		20-Feb-18	05-Apr-18						
						·						
NB02860	NB61 (50-160m) - NB post & panel installation	0%	5	5	06-Apr-18	11-Apr-18	314			1		
NB61A (Ch.	6560-6745)-FH S/B Side (MT	RC I&P A	rea)							1	1	
NB02920	NB61A (0-50m) - NB production	93.7%	45	714	20-Feb-16 A	05-Apr-18	385					
NB02930	NB61A (0-50m) - NB post & panel	0%	5	5	06-Apr-18	11-Apr-18	314	·		 		<u> </u>
NB02970	installation NB61A ID2-3 (50-75m) - Footing &	93.34%	57	856	01-Apr-15 A	02-May-18	257			-		
NB02980	Wall Structure NB61A ID2-3 (50-75m)- backfilling	0%	20	20	03-May-18	26-May-18	272			 		
NB02990	NB61A ID2-3 (50-75m) - NB	0%	45	45	03-May-18	16-Jun-18	313	·i		1		
NB03040	production NB61A (75-190m) - NB production	97.81%	15	684	20-Feb-16 A					<u> </u>	-	
NB03050	NB61A (75-190m) - NB post & panel	0%	5		07-Mar-18	12-Mar-18						
	installation	U%	5	J	or -ivial-10	12-IVIAI-10	550					
	phway Construction									1		
Orainage & Ch 5880-67	Road Works 740											!
RDZ41210	Z2 (CH5880-6740) : Fanling Highway N/B - D&R works (lane	0%	30	30	20-Feb-18	26-Mar-18	11					
RDZ41240	Z2 (CH5880-6740) : Fanling Highway S/B - D&R works (lane 4)	85.71%	11	77	25-Oct-17 A	03-Mar-18	133	<u></u>				
RDZ41250	Z2 (CH5880-6740) : Fanling	0%	60	60	05-Mar-18	18-May-18	133					
RDZ41260	Highway S/B - D&R works (lane 3) Z2 (CH5880-6740) : Fanling	0%	60	60	19-May-18	31-Jul-18	133					
Other Work	Highway S/B - D&R works (lane 2)									1 1 1 1		
TCSS Work										1 1 1 1	1	
	eleted by DWG HY/2012/06/S				1							
TCSS1430	Predrilling (6no, 0.19m mini pile)	0%	12		20-Feb-18	05-Mar-18						
TCSS1432	Piling (6nos, 0.19m mini pile)	0%	0	0	06-Mar-18	06-Mar-18						
TCSS1434	Sheeting & excavation (4m)	0%	12	12	06-Mar-18	19-Mar-18	264					
TCSS1436	Fast lane footing - FVMS1 (CH6280, N/B)	0%	18	18	20-Mar-18	13-Apr-18	264					
TCSS1438	Back filling & reinstatemetn road work (2m)	0%	18	18	14-Apr-18	05-May-18	264			 		
ADS1					1							
TCSS1970	Back filling & reinstatemetn road work (2m)	0%	18	18	20-Feb-18	12-Mar-18	276			1 1 1		
South Buff	<mark>fer Zone 1 (SBZ1) (with</mark> ier Along TWSR-West and	in Zone	2)(Ch.	6740 i	to 6930)							
	ier Alona i WSK-West and		Many 114:	1:4:				1		1		
			New Uti	lities						1		
Noise Barr	64A (Ch.6860-6920)-TWSR V rier Works		New Uti	lities								
Noise Barr NB003350	64A (Ch.6860-6920)-TWSR V		New Uti	lities		11-Apr-18	314					
NB003350	64A (Ch.6860-6920)-TWSR V rier Works Bus Shelter footing & shelter near	Vest Side	New Uti	lities		11-Apr-18	314					
NB003350 Noise Barri NB60 (Ch.6	64A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side	Vest Side	New Uti	lities		11-Apr-18	314					
NB003350 Noise Barr i	64A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side	Vest Side	New Uti	40								
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040	64A (Ch.6860-6920)-TWSR V rier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side rier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling	0% y N/B	New Uti	40 26	20-Feb-18 27-Jan-18 A	16-Mar-18	20					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050	64A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side vier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation	0% y N/B 15.38%	40 22 12	40 26 12	27-Jan-18 A 27-Mar-18	16-Mar-18 13-Apr-18	20					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060	64A (Ch.6860-6920)-TWSR Williams in the control of	0% Vest Side 0% V N/B 15.38% 0% 0%	40 22 12 50	40 26 12 50	20-Feb-18 27-Jan-18 A 27-Mar-18	16-Mar-18 13-Apr-18 13-Jun-18	20 12 12					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060 NB02100	64A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling	0% y N/B 15.38% 0% 0%	40 22 12 50	40 26 12 50 32	27-Jan-18 A 27-Mar-18 14-Apr-18	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18	20 12 12 86					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060 NB02100 NB02101	64A (Ch.6860-6920)-TWSR Wierworks Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m-26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m-32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling	0% y N/B 15.38% 0% 0% 0%	22 12 50 32 8	26 12 50 32 8	27-Jan-18 A 27-Mar-18 14-Apr-18 17-Mar-18 28-Apr-18	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18 08-May-18	20 12 12 86 86					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060 NB02100 NB02101 NB02105	64A (Ch.6860-6920)-TWSR Vier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos)	0% y N/B 15.38% 0% 0%	40 22 12 50	26 12 50 32 8	27-Jan-18 A 27-Mar-18 14-Apr-18	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18 08-May-18	20 12 12 86 86					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB02105 NB066 (Ch.6-	64A (Ch.6860-6920)-TWSR V rier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side rier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side	0% y N/B 15.38% 0% 0% 0%	22 12 50 32 8	26 12 50 32 8	27-Jan-18 A 27-Mar-18 14-Apr-18 17-Mar-18 28-Apr-18	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18 08-May-18	20 12 12 86 86					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060 NB02100 NB02101 NB02105	64A (Ch.6860-6920)-TWSR V rier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side rier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side	0% y N/B 15.38% 0% 0% 0%	22 12 50 32 8	26 12 50 32 8 58	27-Jan-18 A 27-Mar-18 14-Apr-18 17-Mar-18 28-Apr-18	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18 08-May-18 04-Apr-18	20 12 12 86 86					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB02105 NB02105 NB02105 NB02105	64A (Ch.6860-6920)-TWSR Vier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side ier Works NB66 - Sheet piling & Excavation	0% y N/B 15.38% 0% 0% 0% 0% 39.66%	22 12 50 32 8 35	26 12 50 32 8 58	27-Jan-18 A 27-Mar-18 14-Apr-18 17-Mar-18 28-Apr-18 A	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18 08-May-18 04-Apr-18	20 12 12 86 86 113					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB66 (Ch.6- Noise Barr NB02150 NB02160	64A (Ch.6860-6920)-TWSR Vier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side vier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side vier Works NB66 - Sheet piling & Excavation NB66 - Footing & Wall Structure	15.38% 0% 0% 0% 39.66%	12	26 12 50 32 8 58	27-Jan-18 A 27-Mar-18 14-Apr-18 17-Mar-18 28-Apr-18 A 20-Jan-18 A	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18 08-May-18 04-Apr-18	20 12 12 86 86 113					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB66 (Ch.6- Noise Barr NB02150 NB02160 NB02165	64A (Ch.6860-6920)-TWSR V Fier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side Fier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side Fier Works NB66 - Sheet piling & Excavation NB66 - Footing & Wall Structure	0% y N/B 15.38% 0% 0% 0% 39.66% 50% 0%	10 August 12 Aug	26 12 50 32 8 58 18 21	27-Jan-18 A 27-Mar-18 14-Apr-18 17-Mar-18 28-Apr-18 06-Feb-18 A 20-Jan-18 A 02-Mar-18	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18 08-May-18 04-Apr-18 01-Mar-18 26-Mar-18	20 12 12 86 86 113 12 12 12 56					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB02105 NB02105 NB06 (Ch.6- Noise Barr NB02150 NB02160 NB02165 NB02170	64A (Ch.6860-6920)-TWSR Vier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side vier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side vier Works NB66 - Sheet piling & Excavation NB66 - Footing & Wall Structure NB66 - Drainage Works NB66 - Drainage Works	0% y N/B 15.38% 0% 0% 0% 39.66% 50% 0% 0%	10 August 10 Aug	26 12 50 32 8 58 18 21 18	27-Jan-18 A 27-Mar-18 14-Apr-18 17-Mar-18 28-Apr-18 A 06-Feb-18 A 20-Jan-18 A 02-Mar-18 27-Mar-18	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18 08-May-18 04-Apr-18 26-Mar-18 20-Apr-18	20 12 12 86 86 113 12 12 56					
NB003350 Noise Barri NB60 (Ch.6- Noise Barri NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB66 (Ch.6- Noise Barri NB02150 NB02150 NB02160 NB02165 NB02170 NB02180	64A (Ch.6860-6920)-TWSR V Fier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side Fier Works NB60 (300-408m)(NB60/26-S4, 0.19m-26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m-32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side Fier Works NB66 - Sheet piling & Excavation NB66 - Footing & Wall Structure NB66 - Drainage Works NB66 - backfilling NB66 - NB production	0%	18 15 45	26 12 50 32 8 58 18 21 18 15 45	27-Jan-18 A 27-Mar-18 14-Apr-18 17-Mar-18 28-Apr-18 06-Feb-18 A 20-Jan-18 A 02-Mar-18 27-Mar-18	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18 08-May-18 04-Apr-18 26-Mar-18 20-Apr-18 24-May-18	20 12 12 86 86 113 12 12 15 153 350					
NB003350 Noise Barri NB60 (Ch.6- Noise Barr NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB66 (Ch.6- Noise Barr NB02150 NB02160 NB02165 NB02170 NB02180 NB03320	64A (Ch.6860-6920)-TWSR Vier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side ier Works NB66 - Sheet piling & Excavation NB66 - Footing & Wall Structure NB66 - Drainage Works NB66 - Drainage Works NB66 - NB production Bus Shelter footing - VO86	0% y N/B 15.38% 0% 0% 0% 39.66% 50% 0% 0%	10 August 10 Aug	26 12 50 32 8 58 18 21 18 15 45	27-Jan-18 A 27-Mar-18 14-Apr-18 17-Mar-18 28-Apr-18 A 06-Feb-18 A 20-Jan-18 A 02-Mar-18 27-Mar-18	16-Mar-18 13-Apr-18 13-Jun-18 27-Apr-18 08-May-18 04-Apr-18 26-Mar-18 20-Apr-18	20 12 12 86 86 113 12 12 15 153 350					
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	s Update)(20-Feb-18)					Ionth Rollin		am				Pa	ge 4 of 5 (27-Feb
vity ID	Activity Name	Dur. % Complete	Duration	Original Duration	Start	Finish	Total Float		Feb		2018 Mar	Apr	May
Z2.KLH.1460	S1 - Staircase steel work, handrail Shop drawing submission &	0%	90	90	16-Apr-18	14-Jul-18	-17		. 55				
Bridge Roa	d Work	00/	400	400	00 Feb 40	40 1.140	004			-			
	Landscape work of KLHVB	0%	120	120	20-Feb-18	18-Jul-18	234				1 1 1	1	
Lift at TWS	Structural Laminated glass wall	0%	11	11	16-Mar-18*	28-Mar-18	233			-			
L01090	installation Glass canopy (As Confirmed by ER,	0%	0	0	20-Feb-18	20-Feb-18	265			-	 	 	
L01094	No glass canopy is required) Lift submission & ordering period	99.03%	4	414	01-Aug-16 A	23-Feb-18	261				 		-
L01100	Lift installation	0%	70	70	29-Mar-18	26-Jun-18	233				_		
L01130	Finishes work	0%	88	88	29-Mar-18	18-Jul-18	234						
L01140	CLP Power available (by CLP)	90.13%	62	628	04-Apr-16 A	22-Apr-18	348				i 		
Lift at FLH	Y S/B												
L01230	Structural Laminated glass wall installation	0%	12	12	15-Mar-18*	28-Mar-18							
L01250	Glass canopy (As Confirmed by ER, No glass canopy is required)	0%	0		20-Feb-18*	20-Feb-18					-		
L01260	Lift installation	0%	45		29-Mar-18	26-May-18						L	
L01290	Finishes work	0%	60		29-Mar-18	13-Jun-18							
L01300	CLP Power available (by CLP)	91.24%	63	719	04-Apr-16 A	23-Apr-18	353				1		
Signalized .											 		
KLH Bridge	ang Vehicular Bridge e - West Ramp												
Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	0%	21			15-Mar-18	327						
Z2.KLH.1062	E-prom ordering by EMSD (KLHVB)	0%	90	90	03-May-18	31-Jul-18	183						
	er Along Fanling Highway		-\										
NB62 (Ch.67 Noise Barri	745-6910)-FH S/B Side (MTR	C I&P Are	a)								 	1 1	
NB03110	NB62 (0-80m) - NB production	0%	45	45	20-Feb-18	05-Apr-18	385				<u> </u>		
NB03120	NB62 (0-80m) - NB post & panel installation	0%	5	5	06-Apr-18	11-Apr-18	314			-	 		
NB03150	NB62 (80-110m) Under bridge - backfilling	0%	14	14	20-Feb-18	07-Mar-18	335				;	}	
NB03160	NB62 (80-110m) Under bridge - NB production	0%	45	45	20-Feb-18	05-Apr-18	385						
NB03170	NB62 (80-110m) Under bridge - NB post & panel installation	0%	5	5	06-Apr-18	11-Apr-18	314				; ;		
NB03200	NB62 (110-170m) - backfilling	0%	20	20	20-Feb-18	14-Mar-18	329						
NB03210	NB62 (110-170m) - NB production	0%	45	45	20-Feb-18	05-Apr-18	385	 			!		
NB03220	NB62 (110-170m) - NB post & panel installation	0%	5	5	06-Apr-18	11-Apr-18	314				; 		
	hway Construction										1		
Drainage & F Ch 6740-69											1 1 1		
RDZ20490	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 4)	61.04%	30	77	25-Oct-17 A	26-Mar-18	324						
RDZ20500	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 3)	0%	24	24	05-Mar-18	04-Apr-18	319			+			
RDZ20510	Z2 (CH6740-6930): Fanling Highway S/B - D&R works (lane 2)	0%	24	24	19-May-18	16-Jun-18	259						
North Buff	er Zone 2 (NBZ2) (with							i			1		
		in Zone	4) (Ch.	7925	to 8100)							
Bridge Con	struction	n Zone	4) (Ch.	7925	to 8100								
New Ho Ka	struction Yuen Footbridge st/ FL Highway N/B Side Se		4) (Ch.	7925	to 8100								
New Ho Ka	struction Yuen Footbridge		4) (Ch.		21-Nov-16 A		3 284						
New Ho Ka ` TWSR-Wes	struction Yuen Footbridge tt/ FL Highway N/B Side Sec Remaining Finishes works of	ction		374		02-May-18							
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NB4490		Complete	Duration	Duration			Float	Eob	2018 Mor	Apr	Mov
	NB77 - Footing & Wall Structure (NB77/31 - 32, 0.19m & G35)	0%	50	50	24-Apr-18	23-Jun-18	54	Feb	Mar	Apr	May
NB4620	NB77 Drainage Works	0%	100	100	12-Mar-18	14-Jul-18	49				
ridge Con)			l.	J. J.					
	p Shek Pedstrian & Cycle Br								1 1 1	 	
WHS1380	st/ FL Highway N/B Side Se WHSAB2, P8, P9 - pile cap &	84.7%	28	183	20-Jun-17 A	23-Mar-18	116		 i		<u>-</u>
WHS1390	abutment wall WHSAB2, P8, P9 - Backfilling (~3m)	0%	20	20	24-Mar-18	20-Apr-18	116				
WHS1400	2nd half Steel Ramp ready for	0%	0	0		20-Apr-18	116			20-Apr-18 ◆ 2	2nd half Steel Ram
WHS1410	erection (WHS-TWSR-W side) Erect 2nd half Ramp	0%	60	60	11-May-18	23-Jul-18	100		 	 	
WHS2120	Ramp fabrication	11.11%	64	72	07-Feb-18 A	10-May-18	100				
Crossing F	anling Highway Section								 		
WHS1510	TTA for new WHS bridge submission & approval	0%	60	60	20-Feb-18	05-May-18	290				
WHS1520	Remove railing	0%	12	12	07-May-18	19-May-18	290				
	6A Construction								 		
Retaining W		dia						1	1		
W76A1060	FL Highway S/B Side Sector Road work for Caltex access road	53.33%	70	150	16-Jan-18 A	17-May-18	316				
anling Hig	hway Construction								 		
Orainage & I	Road Works								 		
TWSR-East RDZ41086	FL Highway S/B Side Sector Construct FH S/B Lane 1 & 2	tion 0%	28	28	20-Feb-18	23-Mar-18	15		<u> </u>	<u> </u>	<u> </u>
RDZ41102	(Ch7925-8000)(SA346) (after HKY Construct FH N/B Lane 1 (at NBZ2)	0%	20	20	20-Feb-18	14-Mar-18				-	
RDZ41102	Construct FH N/B Lane 2 (at NBZ2)	0%	20	20	15-Mar-18	11-Apr-18	86				<u> </u>
RDZ41104	Construct FH N/B Lane 2 (at NBZ2)	0%	20	20	12-Apr-18	05-May-18					<u> </u>
RDZ41108	Construct FH N/B Lane 4 (at NBZ2)	0%	20	20	07-May-18	30-May-18			 : 		
RDZ41131	Drainage work at central divider	71.33%	43	150	-	14-Apr-18		į	 ; ; ;		
RDZ41131	(Ch8100-8600) Construct FHS/B Lane 4	0%	45		16-Apr-18	' I			 		
	(Ch8100-8600)	076	45	45	10-Api-10	06-Juli-16	113				
Other Work Retaining W								1	1 1 1	 	
	t FL Highway S/B Side Sec	tion							 	 	
RWZ4.0910	Demolition of existing retaining wall (Instructed in 2-Jun-17 ad-hoc site	0%	35	35	14-May-18	25-Jun-18	1		 		
	Base slab & Wall (6-11m high)-	40%	00	110	02 lon 10 A						
RWZ4.1010		40 /6	66	110	02-Jan-16 A	12-May-18	1		1 1 1	!	
RWZ4.1010 RWZ4.1030	RW78 (Ch.0-50) Base slab & Wall (0-6m high)-	0%	100	100	14-May-18	12-May-18 10-Sep-18					
RWZ4.1030 Slope Works	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129)	0%				_					
RWZ4.1030 Slope Works	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sect	0% tion				10-Sep-18					
RWZ4.1030 Slope Works TWSR-East	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sect Slope S53-Fill ~5m	0% tion 0%	100	100	14-May-18	10-Sep-18	111				
RWZ4.1030 Slope Works TWSR-East S1030	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sect Slope S53-Fill ~5m Slope S54A-Cut ~4m	0% tion 0%	110	110	14-May-18 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18	36 111 310				
RWZ4.1030 Slope Works TWSR-East \$1030 \$1040 \$1050	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sect Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m	0% tion 0%	110	110	14-May-18 20-Feb-18 20-Feb-18	10-Sep-18	36 111 310				
RWZ4.1030 Slope Works TWSR-East \$1030 \$1040 \$1050 FCSS Works TCSS Pre-0	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sect Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m	0% tion 0%	110	110	14-May-18 20-Feb-18 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18	36 111 310				
RWZ4.1030 Slope Works TWSR-East \$1030 \$1040 \$1050	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sect Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m	0% tion 0%	110	110	14-May-18 20-Feb-18 20-Feb-18 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18	36 111 310 310				
RWZ4.1030 Slope Works TWSR-East \$1030 \$1040 \$1050 FCSS Works TCSS Pre-0	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sect Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m	0% tion 0% 0% 0%	110 110 40 40	100 110 40 40	14-May-18 20-Feb-18 20-Feb-18 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18	36 111 310 310				
RWZ4.1030 Slope Works TWSR-East S1030 S1040 S1050 FCSS Works TCSS Pre-C	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sect Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m S Construction Works Prepare Shop Drawing-TCSS	0% tion 0% 0% 0%	1100 110 40 40	100 110 40 40	20-Feb-18 20-Feb-18 20-Feb-18 20-Feb-17 A	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18	36 111 310 310				
RWZ4.1030 Slope Works TWSR-East S1030 S1040 S1050 FCSS Works TCSS Pre-C TCSS0120 TCSS0130	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sect Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m S Construction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for	0% tion 0% 0% 0% 80%	1100 1110 40 40 6	100 110 40 40 30 21	20-Feb-18 20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18	36 111 310 310 73 92 72		1	13-Apr-18 ♦ Confirm	i
RWZ4.1030 Slope Works TWSR-East \$1030 \$1040 \$1050 FCSS Works TCSS Pre-(TCSS0120 TCSS0130 TCSS0140	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sector Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sometruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing	0% tion 0% 0% 0% 80% 0%	100 110 40 40 6 21	100 110 40 40 30 21	20-Feb-18 20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18 13-Apr-18	36 111 310 310 73 92 72			1	i
RWZ4.1030 Slope Works TWSR-East \$1030 \$1040 \$1050 FCSS Works TCSS Pre-C TCS\$0120 TCS\$0130 TCS\$0140 TCS\$0150 TCS\$0160 G34	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sectory Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sometruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement	0% tion 0% 0% 0% 0% 0% 0% 0% 23.33%	100 110 40 40 6 21 18 0	100 110 40 40 30 21 18 0	14-May-18 20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18 13-Apr-18 07-Jul-18	36 111 310 310 73 92 72 72 4		1	1	i
RWZ4.1030 Slope Works TWSR-East \$1030 \$1040 \$1050 FCSS Works TCSS Pre-C TCSS0120 TCSS0130 TCSS0140 TCSS0150 TCSS0160 G34 TCSS1530	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sectory Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sometruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement Fast lane footing - G34 (CH7990, N/B)	0% tion 0% 0% 0% 80% 0% 0% 0% 0% 0%	100 110 40 40 6 21 18 0 138	100 110 40 40 30 21 18 0 180	20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18 13-Apr-18 07-Jul-18	36 111 310 310 73 92 72 4 114		1	1	i
RWZ4.1030 Slope Works TWSR-East S1030 S1040 S1050 FCSS Works TCSS Pre-C TCSS0120 TCSS0130 TCSS0140 TCSS0150 TCSS0160 G34 TCSS1530 TCSS1780	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sec Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m S Construction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement Fast lane footing - G34 (CH7990,	0% tion 0% 0% 0% 0% 0% 0% 0% 23.33%	100 110 40 40 6 21 18 0	100 110 40 40 30 21 18 0	14-May-18 20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18 13-Apr-18 07-Jul-18	36 111 310 310 73 92 72 4 114		1	1	i
RWZ4.1030 Slope Works TWSR-East \$1030 \$1040 \$1050 FCSS Works TCSS Pre-C TCS\$0120 TC\$\$0130 TC\$\$0140 TC\$\$0150 TC\$\$0160 G34 TC\$\$1530 TC\$\$1780	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sectory Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sometruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement Fast lane footing - G34 (CH7990, N/B) TTA application & Approval - G34 (Z4)	0% tion 0% 0% 0% 80% 0% 0% 0% 0% 0%	100 110 40 40 6 21 18 0 138	100 110 40 40 30 21 18 0 180	20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18 13-Apr-18 07-Jul-18	36 111 310 310 73 92 72 72 4 114 3		1	1	i
RWZ4.1030 Slope Works TWSR-East S1030 S1040 S1050 FCSS Works TCSS Pre-C TCSS0120 TCSS0130 TCSS0140 TCSS0150 TCSS0150 TCSS1500 TCSS1780 G35 TCSS1560	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) It FL Highway S/B Side Sectory Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sometruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement Fast lane footing - G34 (CH7990, N/B) TTA application & Approval - G34	80% 0% 0% 0% 0% 0% 0% 23.33%	1100 1110 40 40 6 21 18 0 138 30 90	100 110 40 40 30 21 18 0 180 30 90	20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18 09-Jan-18 A 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18 13-Apr-18 07-Jul-18 26-Mar-18 11-Aug-18	36 111 310 310 73 92 72 72 4 114 3		1	1	i
RWZ4.1030 Slope Works TWSR-East S1030 S1040 S1050 FCSS Works TCSS Pre-C TCSS0120 TCSS0130 TCSS0140 TCSS0150 TCSS0150 TCSS1500 TCSS1780 G35 TCSS1560	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sec Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sonstruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement Fast lane footing - G34 (CH7990, N/B) TTA application & Approval - G34 (Z4) Slip road island footing - DS50	80% 0% 0% 0% 0% 0% 0% 23.33%	1100 1110 40 40 6 21 18 0 138 30 90	100 110 40 40 30 21 18 0 180 30 90	20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18 09-Jan-18 A 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18 13-Apr-18 07-Jul-18 26-Mar-18 11-Aug-18	36 111 310 310 73 92 72 72 4 114 3		1	1	i
RWZ4.1030 Slope Works TWSR-East S1030 S1040 S1050 FCSS Works TCSS Pre-C TCSS0120 TCSS0130 TCSS0140 TCSS0150 TCSS0150 TCSS1500 TCSS1580 TCSS1580 TCSS1580 TCSS1560 DS50	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sec Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sonstruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement Fast lane footing - G34 (CH7990, N/B) TTA application & Approval - G34 (Z4) Fast lane footing - G35 (CH8410, N/B) Slip road island footing - DS50 (CH7940, S/B) Fast lane footing - DS50 (CH7940,	0% tion 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100 110 40 40 6 21 18 0 138 30 90	100 110 40 40 21 18 0 180 30 90	20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18 09-Jan-18 A 20-Feb-18 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18 13-Apr-18 07-Jul-18 26-Mar-18 11-Aug-18	36 111 310 310 73 92 72 4 114 3 259		1	1	i
RWZ4.1030 Slope Works TWSR-East \$1030 \$1040 \$1050 FCSS Works TCSS Pre-(TCSS0120 TCSS0130 TCSS0140 TCSS0150 TCSS0150 TCSS1500 TCSS1530 TCSS1560 DS50 TCSS1600	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sec Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sonstruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement Fast lane footing - G34 (CH7990, N/B) TTA application & Approval - G34 (Z4) Fast lane footing - G35 (CH8410, N/B) Slip road island footing - DS50 (CH7940, S/B)	0% tion 0% 0% 0% 80% 0% 0% 23.33% 0% 0% 0%	100 110 40 40 6 21 18 0 138 30 90 5	100 110 40 40 30 21 18 0 180 30 90 5	20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18 09-Jan-18 A 20-Feb-18 20-Feb-18 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18 13-Apr-18 07-Jul-18 26-Mar-18 11-Aug-18 24-Feb-18	36 111 310 310 73 92 72 4 114 3 259		1	1	i
RWZ4.1030 Slope Works TWSR-East \$1030 \$1040 \$1050 FCSS Works TCSS Pre-C TCS\$0120 TC\$\$0130 TC\$\$0140 TC\$\$0150 TC\$\$0150 TC\$\$150 TC\$\$150 TC\$\$150 TC\$\$1500 TC\$\$1780 G35 TC\$\$1600 TC\$\$1610	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sec Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sometruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement Fast lane footing - G34 (CH7990, N/B) TTA application & Approval - G34 (Z4) Fast lane footing - G35 (CH8410, N/B) Slip road island footing - DS50 (CH7940, S/B) Fast lane footing - DS50 (CH7940, S/B) Fast lane footing - FADS8 (CH8220,	0% tion 0% 0% 0% 80% 0% 0% 23.33% 0% 0% 0%	100 110 40 40 6 21 18 0 138 30 90 5	100 110 40 40 30 21 18 0 180 30 90 5	20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18 09-Jan-18 A 20-Feb-18 20-Feb-18 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 26-Feb-18 19-Mar-18 13-Apr-18 07-Jul-18 26-Mar-18 11-Aug-18 24-Feb-18	36 111 310 310 73 92 72 72 4 114 3 259 174 199		1	1	i
RWZ4.1030 Slope Works TWSR-East S1030 S1040 S1050 FCSS Works TCSS Pre-C TCSS0120 TCSS0130 TCSS0140 TCSS0150 TCSS1500 TCSS1580 G34 TCSS1580 TCSS1580 TCSS1600 TCSS1610 FADS8 TCSS1630 FVMS2 (De	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sec Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sometruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement Fast lane footing - G34 (CH7990, N/B) TTA application & Approval - G34 (Z4) Fast lane footing - G35 (CH8410, N/B) Slip road island footing - DS50 (CH7940, S/B) Fast lane footing - DS50 (CH7940, S/B) Fast lane footing - FADS8 (CH8220, S/B) Reted by RFI-138, Pending 1	0% tion 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100 110 40 40 6 21 18 0 138 30 90 5 30 5	100 110 40 40 21 18 0 180 30 90 5 30 5	14-May-18 20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18 09-Jan-18 A 20-Feb-18 20-Feb-18 20-Feb-18 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 11-Apr-18 19-Mar-18 13-Apr-18 07-Jul-18 26-Mar-18 11-Aug-18 24-Feb-18 24-Feb-18	36 111 310 310 73 92 72 72 4 114 3 259 174 199		1	1	i
RWZ4.1030 Slope Works TWSR-East S1030 S1040 S1050 FCSS Works TCSS Pre-C TCSS0120 TCSS0130 TCSS0140 TCSS0150 TCSS1500 TCSS1580 G34 TCSS1580 TCSS1580 TCSS1610 FADS8 TCSS1630	RW78 (Ch.0-50) Base slab & Wall (0-6m high)- RW78 (Ch.50-129) St FL Highway S/B Side Sec Slope S53-Fill ~5m Slope S54A-Cut ~4m Slope S54B-Cut ~5m Sometruction Works Prepare Shop Drawing-TCSS Shop Drawing Comment & Approval Revised & Re-submission TCSS shop Drawing Confirm Shop drawing & ready for material ordering & factory Raw material procurement Fast lane footing - G34 (CH7990, N/B) TTA application & Approval - G34 (Z4) Fast lane footing - G35 (CH8410, N/B) Slip road island footing - DS50 (CH7940, S/B) Fast lane footing - DS50 (CH7940, S/B) Fast lane footing - FADS8 (CH8220, S/B)	0% tion 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100 110 40 40 6 21 18 0 138 30 90 5	100 110 40 40 30 21 18 0 180 30 5 30 5	20-Feb-18 20-Feb-18 20-Feb-18 20-Feb-18 20-Dec-17 A 27-Feb-18 20-Mar-18 09-Jan-18 A 20-Feb-18 20-Feb-18 20-Feb-18 20-Feb-18	10-Sep-18 06-Jul-18 11-Apr-18 11-Apr-18 11-Apr-18 19-Mar-18 13-Apr-18 07-Jul-18 26-Mar-18 11-Aug-18 24-Feb-18	36 111 310 310 73 92 72 72 4 114 3 259 174 199 161		1	1	i

CHIU HING CONSTRUCTION AND TRANSPORTATION CO. LTD. Contract No. 02/HY/2015 Works Order Nos: CB128519-0 & CB128520-5 Progarmme of Construction of Noise Barrier and Pedestrian Covered Walkway at Tai Wo Service Road East near Ho Ka Yuen

Revised Program Duration Rev Date Description Programmed Duration Actual Progress Critical Path Activities Early Start & Early Finsih Float = 3 weeks

00 28/02/17 01 29/03/17 refer RE's comments 02 22/5/17 add plate load test program 03 28/9/2017 revise program of task 5-8 04 23/1/2018 add mass wall & revise installation of NB & BBI

	Week No.	1 2	3	4 5	6	7 8	9 1	0 11	12 13	3 14	15 1	6 1	7 18	19	20	21 2	2 23	24	25 2	26 27	28	29	30 3	1 32	33	34	35 3	6 37	38	39	40	41	42 4	3 44	45	46	47 4	8 49	50	51	52 53	54	55	56 5	nth's	59	60 6	1 62	63	64
t. No		2/25 3/4	3/11 3	18 3/25	4/1	4/8 4/15	4/22 4/	9 5/6	/13 5/2	5/27	6/3 6/	10 6/1	7 6/24	7/1	7/8 7	/15 7/2	2 7/29	8/5	8/12 8/	19 8/26	9/2	9/9 9	/16 9/2	3 9/30	10/7	0/14 10	/21 10/2	8 11/4	11/11	11/18	1/25 1	12/2 13	12/1	6 12/23	12/30	1/6 1	/13 1/2	0 1/27	_	2/10 2/					24 3/31					
	WO No. CB128520-5		H.	001				\sqcup	_	Ш	4			Ш		1					Ш																								\Box					T
1	Setting out and UU detection			00%	$\overline{}$	47		Н	_	Ш	1		L	Ш							Ш																													
2	Submit and obtain approval of temp wks		Ħ	T	10	0/0		Ш	_	Ш	4			Ш	\perp	1	Ш	Ц			Ц																					П			П	П				Т
	Construction of Footings (6 stages): (Assume 2 sections in one stage. 6 weeks cycle per standard section)																																																	
3	Stage 1: NB74-6, NB 74-7				=		+		100					П							П			П	N.													T	H	1		Н	\top	1	\forall	\top	+	Ħ	\top	+
4	Stage 2: NB74-5, NB-74- 4										+		10	0%	0						П										T	T	T		П							H	\top	1	Ħ	\top	+	\forall	+	+
5	Stage 3: NB-74-3, NB-74-2																										00	Po				T			П							H	\top	T	\Box	\top	1	\Box	\top	\dagger
6	Stage 4: NB74-1, Footing A (1 wk allowed for			_	-												4		ŧ	F						2 1	100	70							П							П			П		1	П	T	\top
7	Stage 5: NB74-8, & Footing B (1 wk allowed f	or pla	te loa	d tes	t)			Ш		Ш				Ш			Ш			Ė		\pm					-						50	95 1								П			П			\Box		7
	Stage 6: 74-9, NB74-10				4	\perp		Н		Ш				Ц		\perp					Ш			H	\pm	\pm	\perp						+	E			1	00	20						П		T	П		T
8a	Stage 7: Upper part of stem wall		Н		4	$\perp \downarrow$	4	Н	_	Ш						\perp				*	*			-	-										-		è		15	2/2										T
	Mass concrete wall near bay 1				4	\perp		Н	-	Н	_	_	_		4		Ш	Ц			Ц	\perp		Ц	_														/											
9	Submit workshop drawings for steelworks of Noise Barriers and Covered Walkway for approval					ES					ł		E		E	F		98	lo	0/2																ŀ					Year Holidays									
10	Fabrication of NB and CW																		ŧ			+	-		ŧ	÷	F					1	00	2				П			Year]		T		П		\dagger	П	T	T
	Site installation of NB (include steel posts and panels)																															-						7	5)	رة 	Lunar New		T		П		1			
	WO No. CB128519-0															T	П				П			П		1						T		П		1	+	П	0.1	6.	Cun	\sqcap	+	t	Ħ	+	+	H	+	+
12	Site installation of Covered Walkway																																				Ļ		8 9/	6			T		П	1	T	П	1	T
13	Electrical Installation																																				F		Ŧ	3		П			П	\top	\dagger	F	丰	#
14	Allow for Works by Bus Companies																									T						T					E					H	丰	F	寸	T	T		T	T
5	Drainage Works																																									#	\pm		井	丰	T	П	1	Ť
16	Footpath Construction																									T											T		T				1	E	#	丰	丰	Ħ	T	T
17	Cycle Track Modification nr Tai Hang																															T			\top							\sqcap			I	\pm	丰	井	=	†
.8	Road surfacing																																						7	-0			T		\prod	1		片	丰	丰
9	Allow for UU laying ducts																																						12	4		丰	Ŧ	F	1					†
20	Allow for fixing street furnitures by C3/LT																П							П																			T		Ħ	丰	丰	井	丰	#

	C	ycle	time	for	standard	section	:
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Item	Activity	Approx Qty	Days for Construction (Calendar Days)
1	Sheet-piling with struts	24 x 7 = 168M2	10 days
2	Excavation	12 x 6 x 6 =432 M;	7 days
3	Rock Fill (assumed)	12 x 2 = 24 M3	2 days
4	Blinding Layer		1 day
5	Fwk-Rebar- Concreting	110 M 3	10 days **
6	Posts for Covered Walkway		7 days ##
7	Backfilling	290M 3	5 days
			Total = 42 days

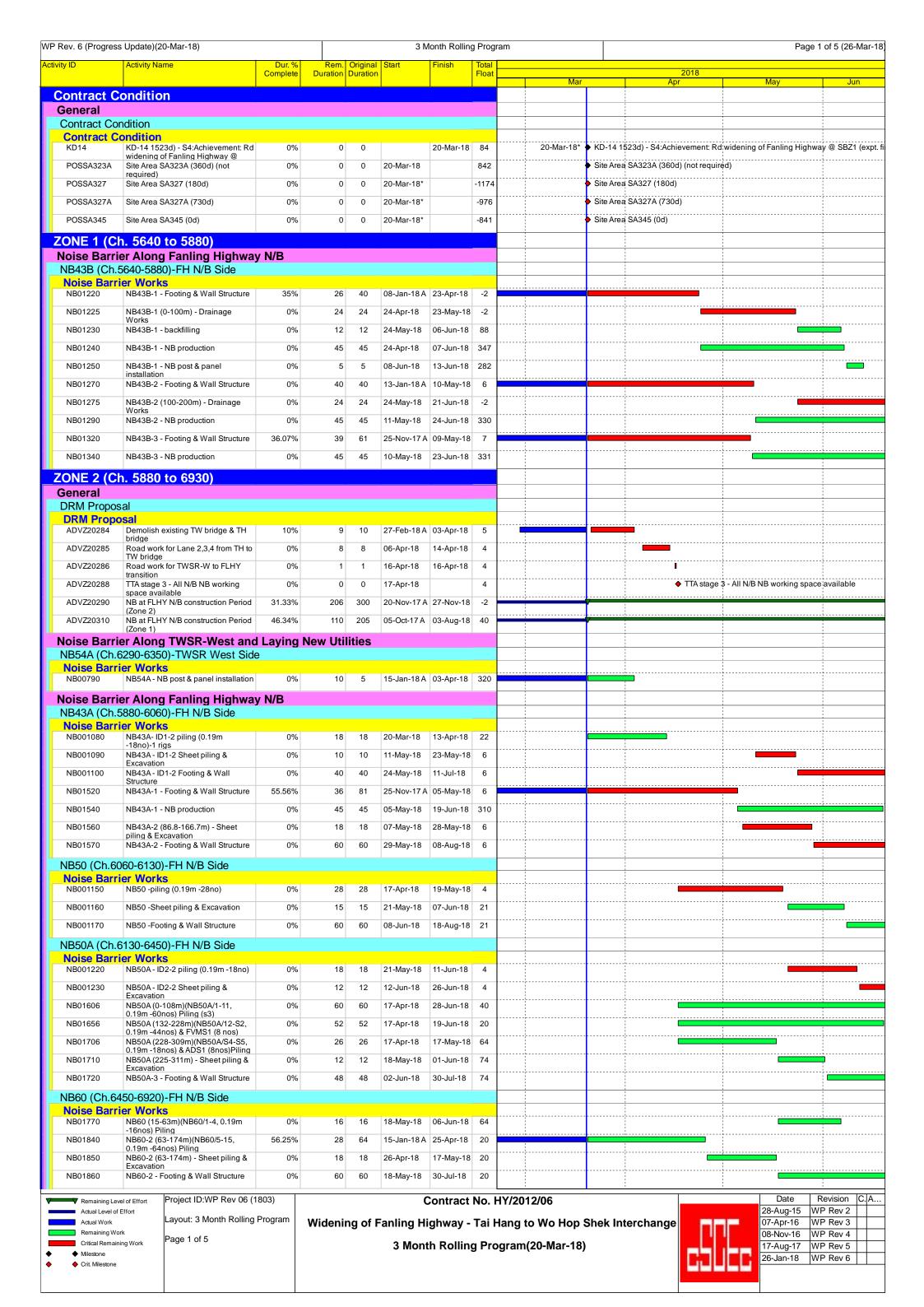
	Base Slab calendar days	Stem calendar days
Fwk	1	2
Re-bar	1	3
Concreting	1	1
Remove Fwl		1
Total:	10 d	ays

	Posts calendar days	
Fwk	2	
Re-bar	3	
Concreting	1	
Remove Fwl	1	
Total:	7 da	ıys

\$\$Breakdown of Item 8a (for 2 sections of stem wall)

	Posts calendar days	
Fwk	4	
Re-bar	2	
Concreting	1	
Fix HD bolts	2	
Remove Fwk	1	
Total:	10 d	ays

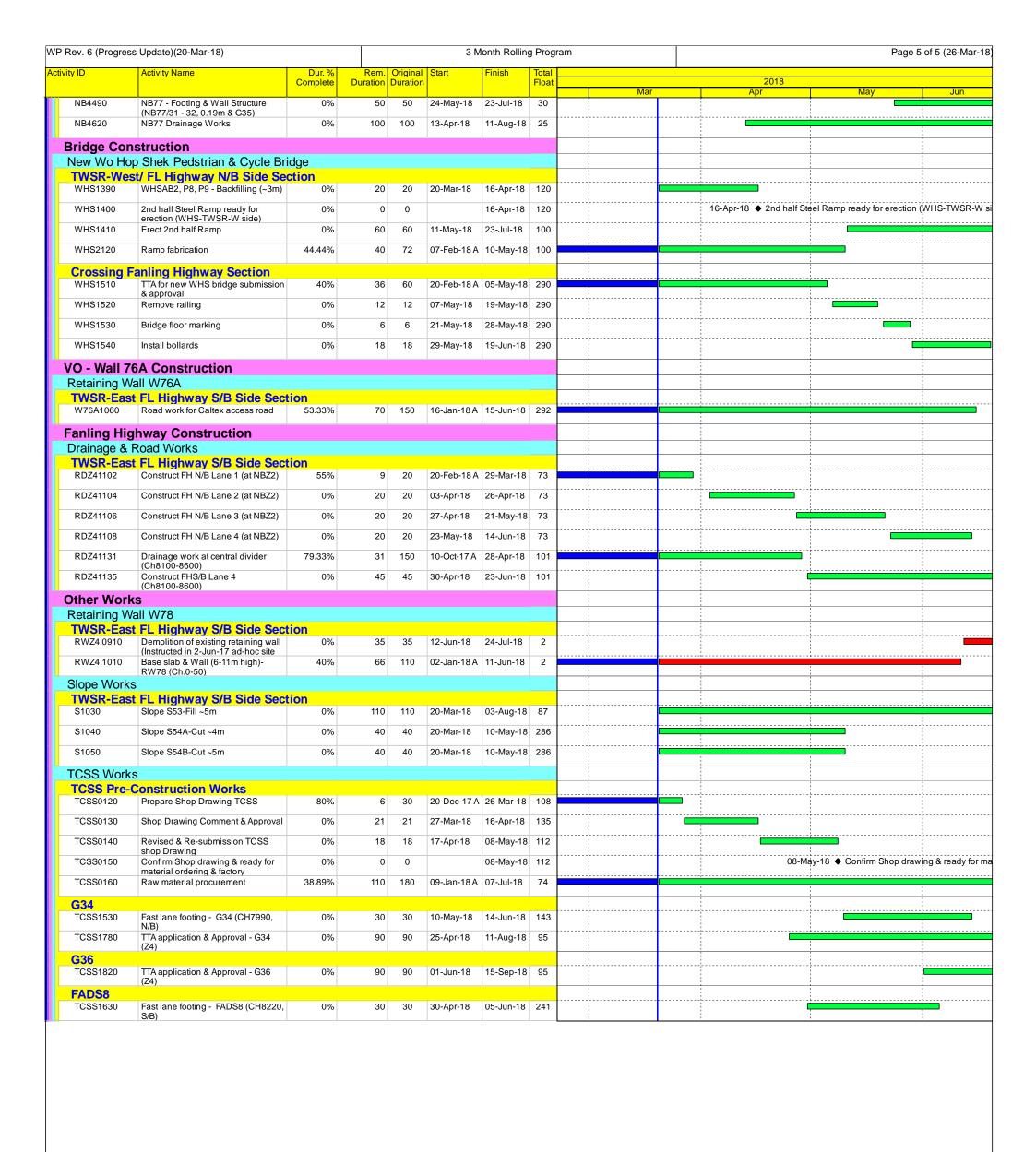
CONSTRUCTION PROGRAMME OF MARCH 2018



	Update)(20-Mar-18)					onth Rollino	g Progr	am				Page	2 of 5 (26-Ma
ty ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration		Finish	Total Float				2018		
NB01910	NB60 ID3-2 (174-192m) 0.19m	33.33%	12	18	15-Mar-18 A	06-Apr-18	19		Mar .		Apr	May	Jun
	-18nos Piling NB60-ID3-2 ((174-192m) - Sheet	0%	18	18	07-Apr-18	27-Apr-18	19						
	piling & Excavation NB60-ID3-2 - Footing & Wall	0%	50	50	28-Apr-18	28-Jun-18	70					¦	
	Structure NB60 (192-300m)(NB60/16-25,	50%	20	40	01-Feb-18 A	16-Apr-18	29					 	
	0.19m -40nos) Piling NB60-3 (192-300m) - Sheet piling &	0%	15	15	28-Apr-18	16-May-18							
	Excavation NB60-3 (192-300m) - Footing &	0%	60	60	<u>'</u>	28-Jul-18	19						
	Wall Structure	0%	60	60	17-Way-10	20-Jui-10	19						
Bridge Cons										1			
New Tai Hang	j Footbridge <mark>/ FL Highway N/B Side Se</mark>	ction											
	Finishes Work	79.15%	64	307	27-Feb-17 A	08-Jun-18	266					·	
THBF0625	Bridge Structure complete	0%	0	0		08-Jun-18	266					08-	Jun-18 ♦ Br
Crossing Fa	(THFB-TWSR-W side) Inling Highway Section												
	Finishes Work	0%	60	60	20-Mar-18	04-Jun-18	270					1	
	Bridge Structure complete (THFB-Cross fanling highway)	0%	0	0		04-Jun-18	270					04-Jun	-18 ♦ Bridge
	FL Highway S/B Side Sect	tion											
THBF0470	THAB1 - pile cap & abutment wall	88.97%	45	408	21-Nov-16 A	12-Jul-18	159						!
THBF0800	ABWF work	0%	30	30	20-Mar-18	27-Apr-18	300						
Lift at TWSF													
	Structural Laminated glass wall installation	0%	30	30	20-Mar-18	27-Apr-18	197						
	Metal cover on RC platform	0%	30	30	20-Mar-18	27-Apr-18	180			1			
L1555	Glass canopy on ground level	0%	30	30	28-Apr-18	04-Jun-18	270						
L1560	Lift installation (NF115)	0%	70	70	28-Apr-18	23-Jul-18	197					1	1
L1590	E&M and Finishes work	0%	120	120	28-Apr-18	19-Sep-18	180						
Lift at FLHY	S/B												
	Lift shaft & roof	88.89%	46	414	20-Sep-16 A	17-May-18	80						
L1380	Structural Laminated glass wall	0%	30	30	18-May-18	23-Jun-18	110						!
L1390	installation RC Platform connect to bridge	0%	30	30	18-May-18	23-Jun-18	80						
L1450	(THSC-2 & TH-P2) CLP Power available (by CLP)	84.14%	92	580	21-Jun-16 A	19-Jun-18	223						
	` ,												1
New Tai Wo F General	-ootbridge												
	Steel Bridge prefabrication (TWFB)	91.49%	37	435	15-Aug-16 A	07-May-18	158					·	
TWFB1100	Steel Bridge available on site	0%	0	0	08-May-18		158					◆ Steel Bridge avail	able on site (1
TWSR-West	(TWFB) / FL Highway N/B Side Se	ction											
	Finishes Work	75.11%	59	237	20-May-17 A	02-Jun-18	257					!	
TWFB1400	Bridge Structure complete (TWFB-TWSR-W side)	0%	0	0		02-Jun-18	257					02-Jun-1	8 ♦ Bridge S
	Inling Highway Section												
	TWP2 - Pile cap	0%	30	30	17-Apr-18	23-May-18	86					!	
TWFB1445	TWP2 - Pier and Pier Head	0%	45	45	24-May-18	17-Jul-18	86						
TWSR-East	FL Highway S/B Side Sect	tion											
	Precautionary work for MTRC I&P area	53.33%	21	45	20-Feb-18 A	17-Apr-18	81						
TWFB1550	TWP3 - Pre-bored H pile (6 nos)	0%	18	18	18-Apr-18	09-May-18	81			! !		!	
TWFB1570	TWP3 - Pile cap, Pier and Pier Head	0%	75	75	10-May-18	08-Aug-18	81						
Lift at TWSF	R-W Side						<u> </u>						
L1680	Structural Laminated glass wall installation	6.67%	28	30	17-Mar-18 A	25-Apr-18	181			!			
L1690	RC Link slab connect to bridge	6.67%	28	30	17-Mar-18 A	25-Apr-18	138						
L1700	Metal cover on RC platform	0%	30	30	26-Apr-18	01-Jun-18	138				_		<u></u>
L1710	Glass canopy on ground level	0%	30	30	02-Jun-18	09-Jul-18	595					·	
L1730	Lift submission & ordering period	0%	120	120		17-Jul-18	136						
	E&M and Finishes work	0%	120	120		25-Oct-18	138						
	CLP Power available (by CLP)	80.15%	105	529	20-Aug-16 A		239					}	
			105	529	20-Aug-16 A	∪∠-JUI-18	۷۵۶						
	Existing Tai Wo Footbridge Inling Highway Section												
TWFB-DE1070	Demolish existing Tai Wo	0%	10	4	20-Mar-18 A	03-Apr-18	5						
TWFB-DE1110	Footbridge Demolish existing Tai Wo	0%	0	0		03-Apr-18	5			03-Apr-18 •	Demolish existing Ta	i Wo Footbridge complete (ac	rass FH)
	Footbridge complete (across FH)												<u> </u>
<mark>Signalized J</mark> New Tai Hang												<u> </u>	
TWSR-West	/ FL Highway N/B Side Se												
THBF0670	E-prom ordering by EMSD (Tai hang Junction)	0%	90	90	03-Jun-18	31-Aug-18	128						
	r Along Fanling Highwa	y S/B											
	35-6055)-FH S/B Side											1	
Noise Barrie NB02300	NB51 ID1-3 (0-25m) - NB production	93.86%	14	228	20-May-17 A	02-Apr-18	388						
	NB51 ID1-3 (0-25m) - NB post &	0%	5	5		09-Apr-18							
	panel installation											i	
NB53 (Ch.61) Noise Barrie	25-6300) -FH S/B Side (MTF er Works	NO I&P Ar	ed)										
	Precautionary Measure installation	0%	26	26	20-Mar-18	23-Apr-18	131						
NB02440	NB53 (0-100m) - Sheet piling &	0%	26	26	24-Apr-18	25-May-18	168						
	Excavation NB53 (0-100m) - Footing & Wall	0%	60	60		06-Aug-18			 				
	Structure NB53 ID2-3 (100-125m), 18nos	0%	10	10		05-May-18							
	Predrilling												
NB02500	NB53 ID2-3 (100-125m) 18nos Piling- 1 rigs	0%	27	27		07-Jun-18							
	NB53 ID2-3 (100-125m) - Sheet	0%	21	21	08-Jun-18	04-Jul-18	131						
NB02510	piling & Excavation											i	
	piling & Excavation NB53 (125-180m) - NB production	97.64%	14	593	20-May-16 A	02-Apr-18	388						

IIV II I	Activity Name	Dur. %	Dom	Original		onth Rolling		am		Page	3 of 5 (26-Ma
ity ID	Activity Marile	Complete	Duration		Start		Total Float	Mar	2018 Apr	May	Jun
	300-6360)-FH S/B Side (MTR	RC I&P Are	ea)								
Noise Barri NB02660	NB55 - NB production	94.63%	40	745	15-Jan-16 A	28-Apr-18	362			 	
NB02670	NB55 - NB post & panel installation	0%	5	5	30-Apr-18	05-May-18	294		 ; ;		
NB56 (Ch 63	 	RC I&P Are	ea)						 	1	
Noise Barri	ier Works				_				 		
NB02730	NB56 - NB production	97.95%	14		20-Feb-16 A		388				
NB02740	NB56 - NB post & panel installation	0%	5	5	03-Apr-18	09-Apr-18	316				
NB61 (Ch.64 Noise Barri	400-6560)-FH S/B Side (MTR	RC I&P Are	ea)								
NB02790	NB61 (0-50m)- backfilling	44%	28	50	20-Jan-18 A	25-Apr-18	302	i	 j 	i 	
NB02800	NB61 (0-50m) - NB production	68.89%	14	45	20-Jan-18 A	02-Apr-18	388		 <u>.</u>	¦ !	
NB02810	NB61 (0-50m) - NB post & panel	0%	5	5	03-Apr-18	09-Apr-18	316				
NB02850	installation NB61 (50-160m) - NB production	0%	45	45	20-Mar-18	03-May-18	357		 1		
NB02860	NB61 (50-160m) - NB post & panel	0%	5	5	04-May-18	09-May-18	291				
NB61A (Ch.6	installation 6560-6745)-FH S/B Side (MT	RC I&P A	rea)								
Noise Barri	ier Works								 -		
NB02920	NB61A (0-50m) - NB production	93.7%	45	714	20-Feb-16 A	-			 		
NB02930	NB61A (0-50m) - NB post & panel installation	0%	5	5		09-May-18			 		
NB02970	NB61A ID2-3 (50-75m) - Footing & Wall Structure	93.34%	57	856	01-Apr-15 A	-					
NB02980	NB61A ID2-3 (50-75m)- backfilling	0%	20	20		25-Jun-18			 ; ;	ļ -	
NB02990	NB61A ID2-3 (50-75m) - NB production	0%	45	45	01-Jun-18		284		 		
NB03040	NB61A (75-190m) - NB production	97.81%	15	684	20-Feb-16 A	· ·	387		; ;	ļ 	
NB03050	NB61A (75-190m) - NB post & panel installation	0%	5	5	04-Apr-18	10-Apr-18	315				
	hway Construction								1	1	
Drainage & F Ch 5880-67											
RDZ41210	Z2 (CH5880-6740) : Fanling Highway N/B - D&R works (lane	36.67%	19	30	20-Feb-18 A	14-Apr-18	4			·	
RDZ41240	Z2 (CH5880-6740) : Fanling Highway S/B - D&R works (lane 4)	85.71%	11	77	25-Oct-17 A	04-Apr-18	109				
RDZ41250	Z2 (CH5880-6740) : Fanling Highway S/B - D&R works (lane 3)	0%	60	60	16-Apr-18	27-Jun-18	101			!	!
Other Work					1	J				 	1
TCSS Works	s										
ADS1 TCSS1970	Back filling & reinstatemetn road	0%	18	18	20-Mar-18	13-Apr-18	222		 	!	
FADS1	work (2m)							i			i
										1	:
TCSS2050	TTA application & Approval - FADS1	0%	90	90	01-Jun-18	15-Sep-18	63				
TCSS2050 G55	TTA application & Approval - FADS1	0%	90	90	01-Jun-18	15-Sep-18	63				
	TTA application & Approval - FADS1 TTA application & Approval - G55	0%	90	90	01-Jun-18 25-Apr-18	15-Sep-18					
G55 TCSS1740	TTA application & Approval - G55	o% nin Zone	90 2)(Ch.(90 6740 1	25-Apr-18						
G55 TCSS1740 South Buff Noise Barri	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and	o% hin Zone d Laying	90 2)(Ch.(90 6740 1	25-Apr-18						
G55 TCSS1740 South Buff Noise Barri	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR W	o% hin Zone d Laying	90 2)(Ch.(90 6740 1	25-Apr-18						
G55 TCSS1740 South Buff Noise Barrie NB64 & NB6	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR W	o% hin Zone d Laying	90 2)(Ch.(90 6 740 1	25-Apr-18		63				
G55 TCSS1740 South Buff Noise Barri NB64 & NB6 Noise Barri NB003350 Noise Barri	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and G4A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - VO86 er Along Fanling Highway	0% oin Zone d Laying Vest Side	90 2)(Ch.(New Uti	90 6 740 1	25-Apr-18	11-Aug-18	63				
G55 TCSS1740 South Buff Noise Barrio NB64 & NB6 Noise Barrio NB003350 Noise Barrio NB60 (Ch.64	TTA application & Approval - G55 For Zone 1 (SBZ1) (with er Along TWSR-West and G4A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - V086 For Along Fanling Highway 450-6920)-FH N/B Side	0% oin Zone d Laying Vest Side	90 2)(Ch.(New Uti	90 6 740 1	25-Apr-18	11-Aug-18	63				
G55 TCSS1740 South Buff Noise Barri NB64 & NB6 Noise Barri NB003350 Noise Barri	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - V086 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4,	0% oin Zone d Laying Vest Side	90 2)(Ch.(New Uti	90 6 740 1	25-Apr-18	11-Aug-18	63				
G55 TCSS1740 South Buff Noise Barri NB64 & NB6 Noise Barri NB003350 Noise Barri NB60 (Ch.64 Noise Barri	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR W ier Works Bus Shelter footing & shelter near NB64 - VO86 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling &	0% Nin Zone d Laying Vest Side 0% y N/B	90 2)(Ch. (New Util	90 6740 (lities	25-Apr-18 20 6930) 20-Mar-18	11-Aug-18	290				
G55 TCSS1740 South Buff Noise Barri NB64 & NB6 Noise Barri NB003350 Noise Barri NB60 (Ch.64 Noise Barri NB02040	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR W ier Works Bus Shelter footing & shelter near NB64 - V086 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m-26nos) Piling	0% in Zone d Laying Vest Side 0% y N/B	90 2)(Ch.: New Util	90 6740 t littles 40	25-Apr-18 20-Mar-18 27-Jan-18 A 19-Apr-18	11-Aug-18 10-May-18	290				
G55 TCSS1740 South Buff Noise Barri NB64 & NB6 Noise Barri NB003350 Noise Barri NB60 (Ch.64 Noise Barri NB02040 NB02050	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR W ier Works Bus Shelter footing & shelter near NB64 - V086 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39,	0% In Zone I Laying Vest Side 0% y N/B	90 2)(Ch. (New Util	90 5740 tities 40 26 12	25-Apr-18 20-Mar-18 27-Jan-18 A 19-Apr-18 04-May-18	11-Aug-18 10-May-18 18-Apr-18 03-May-18	-4 -4 -4				
G55 TCSS1740 South Buff Noise Barri NB64 & NB6 Noise Barri NB003350 Noise Barri NB60 (Ch.64 Noise Barri NB02040 NB02050 NB02060	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR W ier Works Bus Shelter footing & shelter near NB64 - VO86 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos)	0% Nin Zone d Laying Vest Side 0% y N/B 15.38% 0% 0%	90 2)(Ch.t New Uti 40 22 12 50	90 6740 to littles 40 26 12 50	25-Apr-18 20-Mar-18 27-Jan-18 A 19-Apr-18 19-Apr-18	11-Aug-18 10-May-18 18-Apr-18 03-May-18 04-Jul-18 28-May-18	-4 -4 -4				
G55 TCSS1740 Couth Buff Noise Barrie NB64 & NB6 Noise Barrie NB003350 Noise Barrie NB60 (Ch.64 Noise Barrie NB02040 NB02050 NB02060 NB02100	TTA application & Approval - G55 For Zone 1 (SBZ1) (with er Along TWSR-West and G4A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - VO86 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling	0% In Zone I Laying Vest Side 0% y N/B 15.38% 0% 0% 0%	90 2)(Ch.(New Util 40 22 12 50 32	90 6740 to the second of the	25-Apr-18 20-Mar-18 27-Jan-18 A 19-Apr-18 19-Apr-18	11-Aug-18 10-May-18 18-Apr-18 03-May-18 04-Jul-18 28-May-18 06-Jun-18	63 290 -4 -4 -4 62 62				
G55 TCSS1740 South Buff Noise Barri NB64 & NB6 Noise Barri NB003350 Noise Barri NB60 (Ch.64 Noise Barri NB02040 NB02050 NB02060 NB02100 NB02101 NB02105	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR W ier Works Bus Shelter footing & shelter near NB64 - V086 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos)	0% in Zone d Laying Vest Side 0% y N/B 15.38% 0% 0% 0% 0%	90 2)(Ch.(New Util 40 22 12 50 32	90 6740 (lities) 40 26 12 50 32 8	25-Apr-18 20 6930) 20-Mar-18 27-Jan-18 A 19-Apr-18 19-Apr-18 29-May-18	11-Aug-18 10-May-18 18-Apr-18 03-May-18 04-Jul-18 28-May-18 06-Jun-18	63 290 -4 -4 -4 62 62				
G55 TCSS1740 South Buff Noise Barrie NB64 & NB6 Noise Barrie NB003350 Noise Barrie NB60 (Ch.64 Noise Barrie NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB02105 NB66 (Ch.69 Noise Barrie	TTA application & Approval - G55 For Zone 1 (SBZ1) (with er Along TWSR-West and G4A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - VO86 For Along Fanling Highway (450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side ier Works	0% in Zone d Laying Vest Side 0% y N/B 15.38% 0% 0% 0% 0% 0% 39.66%	90 2)(Ch.(New Util 40 22 12 50 32 8 35	90 6740 (lities) 40 26 12 50 32 8 58	25-Apr-18 20 6930) 20-Mar-18 27-Jan-18 A 19-Apr-18 19-Apr-18 29-May-18 06-Feb-18 A	11-Aug-18 10-May-18 18-Apr-18 03-May-18 04-Jul-18 28-May-18 06-Jun-18 04-May-18	63 290 -4 -4 -4 62 62 89				
G55 TCSS1740 South Buff Noise Barri NB64 & NB6 Noise Barri NB003350 Noise Barri NB60 (Ch.64 Noise Barri NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB02105 NB02105 NB02105 NB02106 NB02106 NB02106 NB02106 NB02106	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR W ier Works Bus Shelter footing & shelter near NB64 - VO86 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side ier Works NB66 - Footing & Wall Structure	0% In Zone I Laying Vest Side 0% y N/B 15.38% 0% 0% 0% 0% 39.66%	90 2)(Ch.(New Util 40 22 12 50 32 8 35	90 6740 to the second of the	25-Apr-18 20-Mar-18 27-Jan-18 A 19-Apr-18 04-May-18 19-Apr-18 29-May-18 06-Feb-18 A	11-Aug-18 10-May-18 18-Apr-18 03-May-18 04-Jul-18 28-May-18 06-Jun-18 04-May-18	-4 -4 -4 62 62 89				
G55 TCSS1740 South Buff Noise Barrie NB64 & NB6 Noise Barrie NB003350 Noise Barrie NB60 (Ch.64 Noise Barrie NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB02105 NB66 (Ch.69 Noise Barrie	TTA application & Approval - G55 For Zone 1 (SBZ1) (with er Along TWSR-West and G4A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - VO86 For Along Fanling Highway (450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side ier Works	0% in Zone d Laying Vest Side 0% y N/B 15.38% 0% 0% 0% 0% 0% 39.66%	90 2)(Ch.(New Util 40 22 12 50 32 8 35	90 6740 (lities) 40 26 12 50 32 8 58	25-Apr-18 20-Mar-18 27-Jan-18 A 19-Apr-18 19-Apr-18 29-May-18 06-Feb-18 A 18-Mar-18 A 11-Apr-18	11-Aug-18 10-May-18 18-Apr-18 03-May-18 04-Jul-18 28-May-18 06-Jun-18 04-May-18	63 290 -4 -4 -4 62 62 89				
G55 TCSS1740 South Buff Noise Barri NB64 & NB6 Noise Barri NB003350 Noise Barri NB60 (Ch.64 Noise Barri NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB02105 NB02105 NB02105 NB02106 NB02106 NB02106 NB02106 NB02106	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR W ier Works Bus Shelter footing & shelter near NB64 - VO86 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side ier Works NB66 - Footing & Wall Structure	0% In Zone I Laying Vest Side 0% y N/B 15.38% 0% 0% 0% 0% 39.66%	90 2)(Ch.(New Util 40 22 12 50 32 8 35	90 6740 to the second of the	25-Apr-18 20-Mar-18 27-Jan-18 A 19-Apr-18 19-Apr-18 29-May-18 06-Feb-18 A 18-Mar-18 A 11-Apr-18	11-Aug-18 10-May-18 18-Apr-18 03-May-18 04-Jul-18 28-May-18 06-Jun-18 04-May-18	63 290 -4 -4 -4 62 62 89				
G55 TCSS1740 South Buff Noise Barrie NB64 & NB6 Noise Barrie NB003350 Noise Barrie NB60 (Ch.64 Noise Barrie NB02040 NB02050 NB02060 NB02100 NB02101 NB02105 NB02105 NB02105 NB02105 NB02106 NB02105	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR Wier Works Bus Shelter footing & shelter near NB64 - VO86 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side ier Works NB66 - Footing & Wall Structure NB66 - Footing & Wall Structure	0% in Zone d Laying Vest Side 0% y N/B 15.38% 0% 0% 0% 0% 39.66%	90 2)(Ch.(New Util 40 22 12 50 32 8 35	90 6740 (lities) 40 26 12 50 32 8 58 21 18	25-Apr-18 20-Mar-18 27-Jan-18 A 19-Apr-18 19-Apr-18 29-May-18 06-Feb-18 A 18-Mar-18 A 11-Apr-18	11-Aug-18 10-May-18 18-Apr-18 03-May-18 04-Jul-18 28-May-18 06-Jun-18 04-May-18	63 290 -4 -4 -4 62 62 89 3 47				
G55 TCSS1740 South Buff Noise Barrie NB64 & NB6 Noise Barrie NB60 (Ch.64 Noise Barrie NB60 (Ch.64 Noise Barrie NB02040 NB02050 NB02100 NB02101 NB02105 NB02105 NB02165 NB02165 NB02170	TTA application & Approval - G55 er Zone 1 (SBZ1) (with er Along TWSR-West and 64A (Ch.6860-6920)-TWSR W ier Works Bus Shelter footing & shelter near NB64 - V086 er Along Fanling Highway 450-6920)-FH N/B Side ier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos) 920-6930)-FH N/B Side ier Works NB66 - Footing & Wall Structure NB66 - Drainage Works NB66 - Drainage Works	0% In Zone I Laying Vest Side 0% Vest Side 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	90 2)(Ch.(New Util 40 22 12 50 32 8 35 15 18	90 6740 1 lities 40 26 12 50 32 8 58 21 18 15	25-Apr-18 20-Mar-18 27-Jan-18 A 19-Apr-18 19-Apr-18 29-May-18 06-Feb-18 A 11-Apr-18 11-Apr-18	11-Aug-18 10-May-18 18-Apr-18 03-May-18 04-Jul-18 28-May-18 04-May-18 10-Apr-18 02-May-18 04-Jun-18	63 290 -4 -4 -4 62 62 89 3 47 144 335				
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vity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float			2018		
Z2.KLH.1460	S1 - Staircase steel work, handrail	0%	90	90	05-Apr-18	03-Jul-18	-6	Mar		Apr	May	Jun
Bridge Roa	Shop drawing submission &										1 1 1 1	
	Landscape work of KLHVB	0%	120	120	20-Mar-18	15-Aug-18	210					
Lift at TWS		201			00.14	0.1.1	000					
L01070	Structural Laminated glass wall installation	0%	11	11	20-Mar-18*	04-Apr-18				<u> </u> 	ļ	
L01090	Glass canopy (As Confirmed by ER, No glass canopy is required)	0%	0	0	20-Mar-18	20-Mar-18				 	 	<u> </u>
L01100	Lift installation	0%	70	70	06-Apr-18	29-Jun-18					,	
L01130	Finishes work	0%	88	88	06-Apr-18 04-Apr-16 A	21-Jul-18	231					
L01140	CLP Power available (by CLP)	94.9%	32	628	04-Apr-16 A	20-Apr-18	350			1	1 1 1 1	
Lift at FLH\ L01230	S/B Structural Laminated glass wall	0%	12	12	20-Mar-18*	06-Apr-18	258			<u> </u>	i 	
L01250	installation Glass canopy (As Confirmed by ER,	0%	0	0	20-Mar-18*	20-Mar-18	270			 		
L01260	No glass canopy is required) Lift installation	0%	45	45	07-Apr-18	31-May-18	259				 	
L01270	Lift T&C	0%	14	14	01-Jun-18	14-Jun-18	315				 	
L01280	EMSD inspection & approval	0%	7	7	15-Jun-18	21-Jun-18	315			 		
L01290	(Assume 7 days is required instead Finishes work	0%	60	60	07-Apr-18	19-Jun-18	258				 	
L01300	CLP Power available (by CLP)	91.24%	63	719	04-Apr-16 A	21-May-18	325					
Signalized .	 Junction											
Kau Lung Ha	ng Vehicular Bridge											1
	e - West Ramp Installation of Traffic Signal Poles at	0%	21	21	20-Mar-18*	17-Apr-18	303				 	
Z2.KLH.1062	TWSR-W N/B (KLHVB) E-prom ordering by EMSD (KLHVB)	0%	90	90	25-Mar-18	22-Jun-18						
	er Along Fanling Highway										-	
NB62 (Ch.67	45-6910)-FH S/B Side (MTR		a)									
Noise Barri	er Works NB62 (0-80m) - NB production	0%	ΛE	45	20-Mar-18	03-May 10	357					
NB03110	NB62 (0-80m) - NB production NB62 (0-80m) - NB post & panel	0%	5	45 5	20-Mar-18	03-May-18						
NB03150	installation NB62 (80-110m) Under bridge -	0%	14	14	20-Mar-18	09-Apr-18						
NB03160	backfilling NB62 (80-110m) Under bridge - NB	0%	45	45	20-Mar-18	03-Api-10						
NB03170	production NB62 (80-110m) Under bridge - NB	0%	5	5	04-May-18	09-May-18				 		
NB03200	post & panel installation NB62 (110-170m) - backfilling	0%	20	20	20-Mar-18	16-Apr-18				! ! !		
NB03210	NB62 (110-170m) - NB production	0%	45	45	20-Mar-18	03-May-18						
NB03220	NB62 (110-170m) - NB post & panel	0%	5	5	04-May-18	09-May-18						
	installation	0,0			or may ro	oo may re	201			1 1 1		
Drainage & F	hway Construction Road Works										; ; ;	
Ch 6740-69	30					1					 	
RDZ20490	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 4)	61.04%	30	77	25-Oct-17 A	<u> </u>						
RDZ20500	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 3)	0%	24	24	16-Apr-18	14-May-18	201			1	1	!
North Buffe Bridge Cons	er Zone 2 (NBZ2) (with	in Zone	4) (Ch.	7925	to 8100)				 	 	
	/uen Footbridge									1 1 1 1	1 1 1 1	
TWSR-Wes	t/ FL Highway N/B Side Sec Remaining Finishes works of	ction 84.76%	57	374	21-Nov-16 A	31-May-18	260					·
HKY1520	HKYFB VO11 - slope improvement work	0%	45	45		25-Jul-18				1		
	·		40	70	01 0011 10	20 001 10	200			! !		
HKY1870	FL Highway S/B Side Sect Steel Ramp finishes work	lon					262			 	! ! 	
		73.68%	100	380	13-Oct-16 A	23-Jul-18	202			1	1	1
ZONE 4 (Ch	(HKYFB-TWSR-E side)		100	380	13-Oct-16 A	23-Jul-18	202			 	 	
Noise Barrie	n <mark>. 7925 to 8700)</mark> er Along TWSR-West and	73.68%			13-Oct-16 A	23-Jul-18	202					
Noise Barrie Underground	n. 7925 to 8700) er Along TWSR-West and Utility Works	73.68%			13-Oct-16 A	23-Jul-18	202					
Noise Barrie Underground	n. 7925 to 8700) er Along TWSR-West and Utility Works /atermain "A" (Ch 1989-252 DN450 DI watermain laying	73.68%			13-Oct-16 A	23-Jul-18 27-Apr-18						
Noise Barrie Underground DN450 DI W	n. 7925 to 8700) er Along TWSR-West and Utility Works /atermain "A" (Ch 1989-252 DN450 DI watermain laying (350-400m) DN450 DI watermain laying	73.68% Laying	lew Uti	ities			192					
Noise Barrie Underground DN450 DI W DI0170	n. 7925 to 8700) er Along TWSR-West and Utility Works /atermain "A" (Ch 1989-252 DN450 DI watermain laying (350-400m) DN450 DI watermain laying (400-450m) DN450 DI watermain laying	73.68% Laying 1	New Util	ities 30	20-Mar-18	27-Apr-18	192					
Noise Barrio Underground DN450 DI W DI0170 DI0180 DI0190	n. 7925 to 8700) er Along TWSR-West and Utility Works /atermain "A" (Ch 1989-252 DN450 DI watermain laying (350-400m) DN450 DI watermain laying (400-450m) DN450 DI watermain laying (450-500m)	73.68% Laying I 29) 0% 0%	New Util	30 30	20-Mar-18 28-Apr-18	27-Apr-18 04-Jun-18	192 192					
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Noise Barrie Underground DN450 DI W DI0170 DI0180 DI0190 Noise Barrie NB75 (Ch.79 Noise Barrie	n. 7925 to 8700) er Along TWSR-West and Utility Works /atermain "A" (Ch 1989-252 DN450 DI watermain laying (350-400m) DN450 DI watermain laying (400-450m) DN450 DI watermain laying (450-500m) er Along Fanling Highway 30-8090)-FH N/B Side er Works	73.68% Laying I 29) 0% 0% y N/B	30 30 30	30 30 30	20-Mar-18 28-Apr-18	27-Apr-18 04-Jun-18 11-Jul-18	192 192 192					
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CHIU HING CONSTRUCTION AND TRANSPORTATION CO. LTD.

Contract No. 02/HY/2015

Works Order Nos: CB128519-0 & CB128520-5

Progarmme of Construction of Noise Barrier and Pedestrian Covered Walkway at Tai Wo Service Road East near Ho Ka Yuen

Revised Program Duration Rev Date Programmed Duration Actual Progress Critical Path Activities Early Start & Early Finsih Float = 3 weeks

Description 00 28/02/17 initial issue 01 29/03/17 refer RE's comments 02 22/5/17 add plate load test progran 03 28/9/2017 revise program of task 5-8 23/1/2018 add mass wall & revise installation of NB & BBI

upper part of stem wall

																																			u	per	part	OI S	tem	wal	l									
	Week No.		2 3	4 5	6	7	8 9	10 11	12 1	3 14	15 16	17	18 1	9 20	21	22 23	24	25 2	6 27	28	29 3	0 31	32	33	34 3	35 3	6 37	38	39	40	41 4	12 43	44	45	46 4	7 48	49	50 5	1 52	53	54 5	55 56	57	58	59 60	61	62 (63 6	4 65	66
Act. No		2/25 3/4	4 3/11	3/18 3/25	4/1	4/8 4/1	5 4/22	/29 5/6	5/13 5/2	0 5/27	6/3 6/10	6/17	6/24 7/	7/8	7/15 7	/22 7/29	8/5	8/12 8/1	19 8/26	9/2	9/9 9/1	16 9/23	9/30	10/7 10	V14 10V	21 10/2	8 11/4	11/11	11/18	1/25 17	2/2 12	/9 12/16	12/23	12/30	/6 1/1	3 1/20	1/27	2/3 2/1	0 2/17	2/24	3/3 3/	10 3/17	3/24	3/31 4	/7 4/14	4 4/21	4/28 5	5/5 5/1	2 5/19	5/26
-	WO No. CB128520-5	+-	Ы	1000			Н		-	\vdash	+	H	4			+	Н		-	Н	+	+		+	+	+	1	Ш		4	+	_		4	_				-		4		Ш	4	_	Н	4	1	Ш	
	Setting out and UU detection	H		1009		201	Н	+	_	\vdash	+	\vdash	-	Н	-	+	Н		-	Н	+	+		+	+	+	\perp			-	+	+		4	-	Ш		-	4				Ш	_		Н	1	1	Ш	
2	Submit and obtain approval of temp wks Construction of Footings (6 stages):	\vdash			10	0%	H	+		Н	-	Н	+	\vdash	+	+	H	-	+	Н	+	+	Н	-	+	+		Н	\vdash	+	+	-		+	+	Н	\vdash	_			+	-		4	+	Н	_	1	\perp	
	(Assume 2 sections in one stage, 6 weeks cycle per standard section)																																																	
	Stage 1: NB74-6, NB 74-7	$\sqcup \sqcup$	Ш						100	6		Ш					Ш			Ц																														
	Stage 2 : NB74-5, NB-74- 4	Ш	Ш	\perp			Ш				121 2000	CHOIS	100	70												L,																								
	Stage 3: NB-74-3, NB-74-2				Ц	_	Ш	Ш		Ш						100									1	00	10																							
6	Stage 4: NB74-1, Footing A (1 wk allowed for	_			-	+	Н	\perp	_	Н		Ш			4	1		1	Ī	Ħ					1	90	%	Ш			1	Ь,		_		Ш							Ш			Ц			Ш	
7	Stage 5: NB74-8, & Footing B (1 wk allowed	for pla	ate lo	ad tes	st)	_	Н			Н	_	Н	_		4	_			+	П	÷	Ė										00	0	_			Ι,									П			Ш	
8	Stage 6: 74-9, NB74-10		\vdash	+	Н	+	\vdash			Н		Н			-	-		4		Н			Ħ	Ŧ	Ŧ	Ė	Ħ			_						14	ס ל	0			1		Ш		1	Ц	_	1	Ш	
8a	Stage 7: Upper part of stem wall	$\vdash\vdash$	\vdash	+	Н	_	Н	4	-	Н	+	Н	+	Н	+	+		4	-		+	-		_	+	Section 1		Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner,							+		-	100/			_	╽.	0.0	٠,		Н			\sqcup	
	Mass concrete wall near bay 1		H	+	Н	+	Н	+	+	Н	+	Н	+	Н	L	+		4	+	Н	+	1	\dashv	_	+	+	\vdash	Н	\dashv	+	+	+	\vdash	+	+	Н	\vdash	1			Marian Santa	- (00	10	+	Н	_	+	\sqcup	
	Submit workshop drawings for steelworks of Noise Barriers and Covered Walkway for approval					E	S								EF			180	%																				TT-1: 4	ношая										
10	Fabrication of NB and CW		П																		aktens				io isa			270 10	177 (F)	ne serie	- (90	6							I call									П	
11	Site installation of NB (include steel posts and panels)																														ļ			<u> </u>	<u> </u>					Luliai Incw		en state	1	00/	2		T			
	WO No. CB128519-0																			П		Т				Τ							П	\neg						ran						П	T		\Box	
12	Site installation of Covered Walkway																														F	E		+		CID CALL							10	50%	2					
13	Electrical Installation	Ш																									9			9			-			Ħ											=		\exists	
14	Allow for Works by Bus Companies	Ш								Ш				Ш																						Ħ					=									
15	Drainage Works	Ш																													(135)		300		SECULIAR S		(Caracal)	95%			+	+	П							
16	Footpath Construction																																											+	T					
17	Cycle Track Modification nr Tai Hang	Ш																																								_			F					
18	Road surfacing																																														Ī			⊐
19	Allow for UU laying ducts													Ш								Ш														8244	HEERES IN	Solver	10	%										
20	Allow for fixing street furnitures by C3/LT																																										F		F	П	T	T	1	

Cy	cle	time	for	standard	section	:
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Item	Activity	Approx Qty	Days for Construction (Calendar Days)
1	Sheet-piling with struts	24 x 7 = 168M2	10 days
2	Excavation	12 x 6 x 6 =432 M3	7 days
3	Rock Fill (assumed)	12 x 2 = 24 M3	2 days
4	Blinding Layer		1 day
5	Fwk-Rebar- Concreting	110 M 3	10 days **
6	Posts for Covered Walkway		7 days ##
7	Backfilling	290M 3	5 days
			Total = 42 days

	Base Slab calendar days	Stem calendar days
Fwk	1	2
Re-bar	1	3
Concreting	1	1
Remove Fwl		1
Total:	10 d	lays

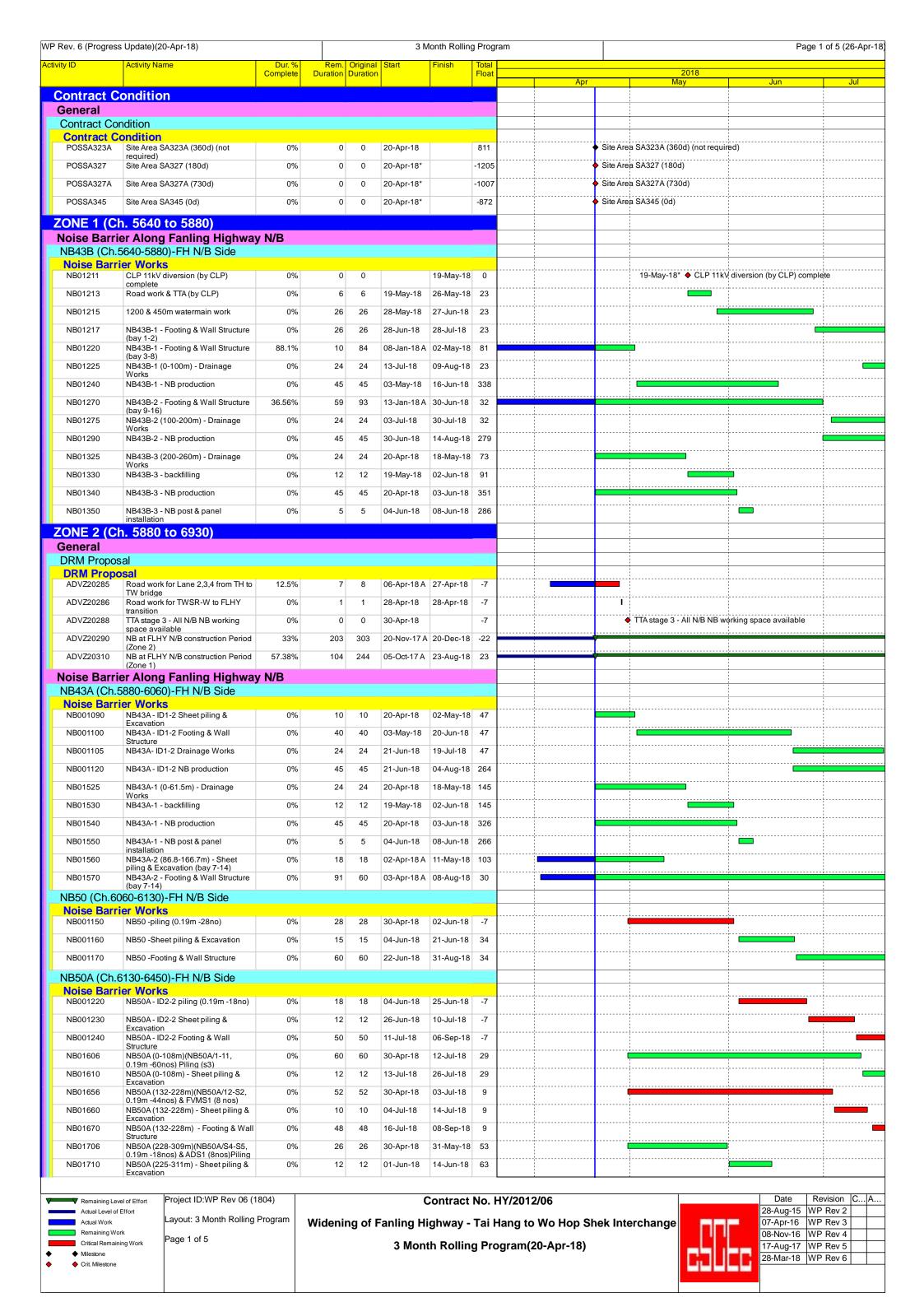
Drankdown of Itam 6

	Posts calendar days	
Fwk	2	
Re-bar	3	
Concreting	1	
Remove Fwl	1	
Total:	7	days

\$\$Breakdown of Item 8a (for 2 sections of stem wall)

	Posts calendar days	
Fwk	4	
Re-bar	2	
Concreting	1	
Fix HD bolts	2	
Remove Fwk	1	
Total:	10 c	ays

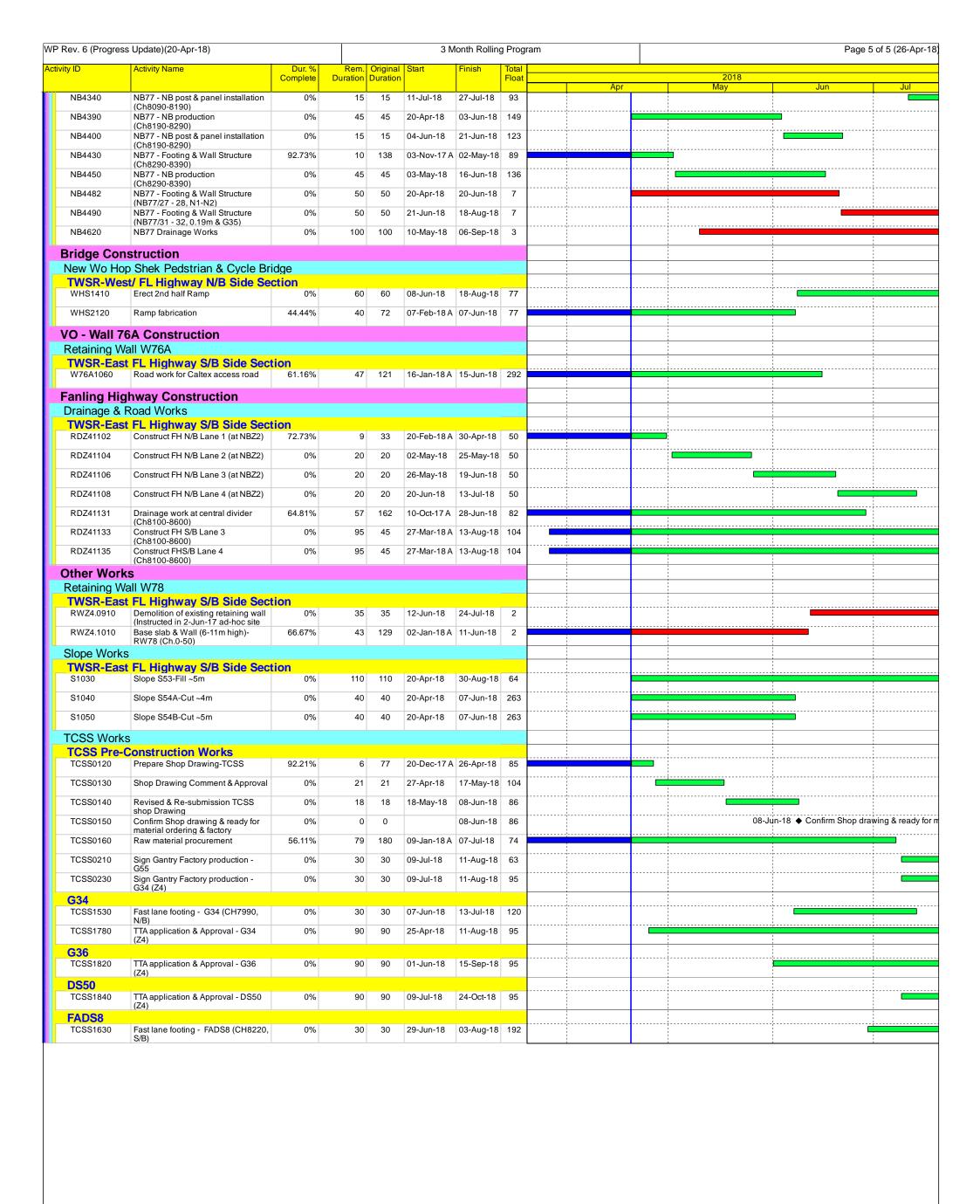
CONSTRUCTION PROGRAMME OF APRIL 2018



	s Update)(20-Apr-18)					Month Rolling						ge 2 of 5 (26-Ap
ity ID	Activity Name	Dur. % Complete	Rem. Duration	Origina Duration			Total Float	Apr		2018 May	Jun	Jul
NB01720	NB50A-3 - Footing & Wall Structure	0%	48	48	15-Jun-18	11-Aug-18	63	Дрі		iviay	Juli	Jui
	150-6920)-FH N/B Side											1
Noise Barri	ier Works NB60 (15-63m)(NB60/1-4, 0.19m	0%	16	16	01-Jun-18	20-Jun-18	53					
NB01850	-16nos) Piling NB60-2 (63-174m) - Sheet piling &	0%	18	18	20-Apr-18		25					
NB01860	Excavation NB60-2 - Footing & Wall Structure	0%	60	60	12-May-18	•	25					
NB01920	NB60-ID3-2 ((174-192m) - Sheet	61.11%	7	18	29-Mar-18 A		19					
NB01930	piling & Excavation NB60-ID3-2 - Footing & Wall	0%	50	50	28-Apr-18	28-Jun-18	70					
NB01935	Structure NB60-ID3-2 ((174-192m) - Drainage	0%	18	18	29-Jun-18	20-Jul-18	70					
NB01950	Works NB60-ID3-2 - NB production	0%	45	45	29-Jun-18	12-Aug-18	256					
NB01980	NB60 (192-300m)(NB60/16-25,	75.44%	14	57	01-Feb-18 A	07-May-18	12]		
NB01990	0.19m -40nos) Piling NB60-3 (192-300m) - Sheet piling &	0%	15	15	08-May-18	25-May-18	12					
NB02000	NB60-3 (192-300m) - Footing &	0%	60	60	26-May-18	06-Aug-18	12					
Bridge Con	Wall Structure struction											
New Tai Han	g Footbridge											1
TWSR-Wes	<mark>st/ FL Highway N/B Side Se</mark> │Finishes Work	ction 83.07%	64	378	27-Feb-17 A	07-Jul-18	243					
THBF0625	Bridge Structure complete	0%	0	0		07-Jul-18	243				C	07-Jul-18 ♦ Brid
Crossing F	(THFB-TWSR-W side) anling Highway Section											
THBF0590	Finishes Work	0%	60	60	20-Apr-18	03-Jul-18	247		-		<u> </u>	
THBF0600	Bridge Structure complete (THFB-Cross fanling highway)	0%	0	0		03-Jul-18	247				03-J	ul-18 ♦ Bridge
	FL Highway S/B Side Sec		,-1	470	04 N= 40 1	04 1-140	151			<u>-</u> -		
THBF0470	THAB1 - pile cap & abutment wall	90.61%	45	479	21-Nov-16 A		151				-	
THBF0800	ABWF work	0%	30	30	20-Apr-18	26-May-18	211					
Lift at TWS	Structural Laminated glass wall	0%	30	30	20-Apr-18	26-May-18	174				<u> </u>	
L1550	installation Metal cover on RC platform	0%	30	30	20-Apr-18	26-May-18	157					
L1555	Glass canopy on ground level	0%	30	30	28-May-18	03-Jul-18	247					
L1560	Lift installation (NF115)	0%	70	70	28-May-18	18-Aug-18	174					
L1590	E&M and Finishes work	0%	120	120	28-May-18	19-Oct-18	157					
Lift at FLH	Y S/B											
L1370	Lift shaft & roof	90.52%	46	485	20-Sep-16 A	14-Jun-18	57					
L1380	Structural Laminated glass wall installation	0%	30	30	15-Jun-18	21-Jul-18	87					!
L1390	RC Platform connect to bridge (THSC-2 & TH-P2)	0%	30	30	15-Jun-18	21-Jul-18	57					:
L1450	CLP Power available (by CLP)	87.38%	92	729	21-Jun-16 A	20-Jul-18	192		1			1
New Tai Wo	Footbridge											
General TWFB1090	Steel Bridge prefabrication (TWFB)	87.94%	61	506	15-Aug-16 A	04-Jul-18	111					
TWFB1100	Steel Bridge available on site	0%	0	0	05-Jul-18		111					◆ Steel
TWSR-Wes	│(TWFB) s <mark>t/ FL Highway N/B Side Se</mark>	ction										
TWFB1390	Finishes Work	80.84%	59	308	20-May-17 A	30-Jun-18	234					
TWFB1400	Bridge Structure complete (TWFB-TWSR-W side)	0%	0	0		30-Jun-18	234				30-Jun-	18 ♦ Bridge Str
Crossing F	anling Highway Section TWP2 - Pile cap	0%	30	30	30-Apr-18	05-Jun-18	75					
TWFB1445	TWP2 - Pier and Pier Head	0%	45	45	06-Jun-18		75					.
TWFB1448	Erect Temp tower for TWFB erection	0%	30	30	17-Jul-18	20-Aug-18						
	at Central Divier FL Highway S/B Side Sec					1 1 1						
TWFB1480	Precautionary work for MTRC I&P	82.22%	8	45	20-Feb-18 A	28-Apr-18	71					
TWFB1550	area TWP3 - Pre-bored H pile (6 nos)	0%	18	18	30-Apr-18	21-May-18	71					
TWFB1570	TWP3 - Pile cap, Pier and Pier Head	0%	75	75	23-May-18	20-Aug-18	71					· · · · · · · · · · · · · · · · · · ·
Lift at TWS					1,=	least					-	
L1680	Structural Laminated glass wall installation	6.67%	28	30		24-May-18						
L1690	RC Link slab connect to bridge	6.67%	28	30		24-May-18						
L1700	Metal cover on RC platform	0%	30	30		29-Jun-18						
L1710	Glass canopy on ground level	0%	30	30		04-Aug-18					<u> </u>	
L1730	Lift submission & ordering period	25.83%	89	120	20-Mar-18 A		136					
L1740 L1770	Lift installation E&M and Finishes work	0%	70 120	70 120	18-Jul-18 30-Jun-18	09-Oct-18 21-Nov-18					<u> </u>	
L1770	CLP Power available (by CLP)	89.15%	74	682	20-Aug-16 A		239				<u> </u>	
	` ` `	J3.13%	/4	00Z	20-Aug-16 A	02-Jul-10	200					
Signalized 、 New Tai Han	Junction ig Footbridge											
TWSR-Wes	t/ FL Highway N/B Side Se				10:	10.5	445					
THBF0670	E-prom ordering by EMSD (Tai hang Junction)		90	90	16-Jun-18	13-Sep-18	115					1
	er Along Fanling Highwa	y S/B										
NB51 (Ch.59 Noise Barri	935-6055)-FH S/B Side ier Works											
NB02300	NB51 ID1-3 (0-25m) - NB production	95.6%	14	318	20-May-17 A	03-May-18	357		!			
NB02310	NB51 ID1-3 (0-25m) - NB post & panel installation	0%	5	5	04-May-18	09-May-18	291					
	125-6300) -FH S/B Side (MTI	RC I&P Ar	ea)									
Noise Barri NB02430	ier Works Precautionary Measure installation	0%	26	26	20-Apr-18	21-May-18	108				<u> </u>	
										<u></u> -	ļ	
NB02440	NB53 (0-100m) - Sheet piling & Excavation	0%	26	26	23-May-18	22-Jun-18	145		1			1

	ss Update)(20-Apr-18)					Ionth Rolling Pr					Page	3 of 5 (26-A
ity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish Tot Flo				2018	Lun	l lot
NB02490	NB53 ID2-3 (100-125m), 18nos	0%	10	10	23-May-18	02-Jun-18 10	8	Apr		May	Jun	Jul
NB02500	Predrilling NB53 ID2-3 (100-125m) 18nos	0%	27	27	04-Jun-18	06-Jul-18 10	8			! !		
NB02510	Piling- 1 rigs NB53 ID2-3 (100-125m) - Sheet	0%	21	21	07-Jul-18	31-Jul-18 10	8	<u> </u>				
NB02590	piling & Excavation NB53 (125-180m) - NB production	97.95%	14	683	20-May-16 A	03-May-18 35	7			¦ 		
NB02600	NB53 (125-180m) - NB post & panel	0%	5		,	09-May-18 29						
	installation			J	04-May-10	09-Way-10 23	'					
NB55 (Ch.6 Noise Barr	300-6360)-FH S/B Side (MTR	C I&P Are	a)							1 1 1	!	<u> </u>
NB02660	NB55 - NB production	95.21%	40	835	15-Jan-16 A	29-May-18 33	1				; ; ;	
NB02670	NB55 - NB post & panel installation	0%	5	5	30-May-18	04-Jun-18 27	0	i 				
NR56 (Ch 6	:360-6400)-FH S/B Side (MTR	C I&P Are	a)					1		 	1 1 1	1
Noise Barr	,	C IQI AIC	a)					1		 	1	
NB02730	NB56 - NB production	98.19%	14	773	20-Feb-16 A	03-May-18 35	7			;	·	
NB02740	NB56 - NB post & panel installation	0%	5	5	04-May-18	09-May-18 29	1					
NB61 (Ch.6	400-6560)-FH S/B Side (MTR	C I&P Are	a)					1		 	1	
Noise Barr	rier Works										 	
NB02790	NB61 (0-50m)- backfilling	62.67%	28	75	20-Jan-18 A	24-May-18 27	9	;			!	
NB02800	NB61 (0-50m) - NB production	80.82%	14	73	20-Jan-18 A	03-May-18 35	7			<u></u>	! !	
NB02810	NB61 (0-50m) - NB post & panel installation	0%	5	5	04-May-18	09-May-18 29	1]		 	
NB02850	NB61 (50-160m) - NB production	0%	45	45	20-Apr-18	03-Jun-18 32	6	1		;	;	
NB02860	NB61 (50-160m) - NB post & panel	0%	5	5	04-Jun-18	08-Jun-18 26	6	<u>.</u>				
NB61A (Ch	installation .6560-6745)-FH S/B Side (MT	RC I&P A	ea)					1				
Noise Barr		Idi Al	Juj					1	<u> </u>			
NB02920	NB61A (0-50m) - NB production	94.4%	45	804	20-Feb-16 A	03-Jun-18 32	6	1				
NB02930	NB61A (0-50m) - NB post & panel	0%	5	5	04-Jun-18	08-Jun-18 26	6		1			·
NB02970	installation NB61A ID2-3 (50-75m) - Footing &	93.85%	57	927	01-Apr-15 A	28-Jun-18 21	0	!				
NB02980	Wall Structure NB61A ID2-3 (50-75m)- backfilling	0%	20	20	29-Jun-18	23-Jul-18 22	5	<u> </u>				
NB02990	NB61A ID2-3 (50-75m) - NB	0%	45	45	29-Jun-18	12-Aug-18 25	6	 		! ! !	 	
NB03040	production NB61A (75-190m) - NB production	98.06%	15			04-May-18 35		 		 		
	, , ,							<u> </u>		<u></u>	¦ 	
NB03050	NB61A (75-190m) - NB post & panel installation	0%	5	5	05-May-18	10-May-18 29	0				1 1 1	
	ghway Construction							1		1 1 1 1	1 1 1 1	
	Road Works							1		1 	1 1 1	-
Ch 5880-67 RDZ41210	Z2 (CH5880-6740) : Fanling	83.72%	7	43	20-Feb-18 A	27-Apr-18 -7		<u> </u>		 	 	
RDZ41240	Highway N/B - D&R works (lane Z2 (CH5880-6740) : Fanling	79.84%	26	129	25-Oct-17 A	21-May-18 7		<u> </u>			 	
RDZ41250	Highway S/B - D&R works (lane 4) Z2 (CH5880-6740) : Fanling	0%	60			02-Aug-18 7					! ! !-	
TCSS Work ADS1 TCSS1970	Back filling & reinstatemetn road work (2m)	0%	18	18	20-Apr-18	11-May-18 19	9					
FADS1 TCSS2050	TTA application & Approval - FADS1	0%	90	90	02-Jun-18	17-Sep-18 62	?					
G55 TCSS1740	TTA application & Approval - G55	0%	90	90	25-Apr-18	11-Aug-18 63					 	
					·					1 1 1	1 1 1	
Noise Barr NB64 & NB	<mark>fer Zone 1 (SBZ1) (with</mark> ier Along TWSR-West and		<u> 2)(Cn.</u>	074U T	0 09301			i 1		i		
NOISO Barr	64A (Ch.6860-6920)-TWSR W		New Uti									
Noise Barr NB003350	64A (Ch.6860-6920)-TWSR Wrier Works Bus Shelter footing & shelter near		New Uti	lities	20-Apr-18	07-Jun-18 26	7					
NB003350	64A (Ch.6860-6920)-TWSR Wrier Works Bus Shelter footing & shelter near NB64 - VO86	/est Side		lities		07-Jun-18 26	7					
NB003350 Noise Barr NB60 (Ch.6	64A (Ch.6860-6920)-TWSR Wrier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side	/est Side		lities		07-Jun-18 26	7					
NB003350 Noise Barr NB60 (Ch.6 Noise Barr	64A (Ch.6860-6920)-TWSR Wrier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side	/est Side 0% / N/B	40	40	20-Apr-18							
NB003350 Noise Barr NB60 (Ch.6 Noise Barr NB02040	64A (Ch.6860-6920)-TWSR Wrier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side rier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling	/est Side 0% / N/B 69.84%	40	40 63	20-Apr-18 27-Jan-18 A	12-May-18 -2	1					
NB003350 Noise Barr NB60 (Ch.6 Noise Barr NB02040 NB02050	64A (Ch.6860-6920)-TWSR Wrier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side rier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation	/est Side 0% / N/B 69.84% 0%	40 19 12	40 63 12	27-Jan-18 A 14-May-18	12-May-18 -2 28-May-18 -2	4					
NB003350 Noise Barr NB60 (Ch.6 Noise Barr NB02040	64A (Ch.6860-6920)-TWSR Wrier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side rier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling &	/est Side 0% / N/B 69.84%	40	40 63 12	27-Jan-18 A 14-May-18 29-May-18	12-May-18 -2 28-May-18 -2 27-Jul-18 -2	4					
NB003350 Noise Barr NB60 (Ch.6 Noise Barr NB02040 NB02050	64A (Ch.6860-6920)-TWSR Wrier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side rier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation	/est Side 0% / N/B 69.84% 0%	40 19 12	40 63 12 50	27-Jan-18 A 14-May-18 29-May-18	12-May-18 -2 28-May-18 -2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					
NB003350 Noise Barr NB60 (Ch.6 Noise Barr NB02040 NB02050 NB02060	64A (Ch.6860-6920)-TWSR Wrier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side rier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/18B-1 to S6, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos)	/est Side 0% / N/B 69.84% 0% 0%	19 12 50	63 12 50 32	27-Jan-18 A 14-May-18 29-May-18	12-May-18 -2 28-May-18 -2 27-Jul-18 -2	4 4 4 2 2					
NB003350 Noise Barr NB60 (Ch.6 Noise Barr NB02040 NB02050 NB02060 NB02100 NB02101	64A (Ch.6860-6920)-TWSR Wrier Works Bus Shelter footing & shelter near NB64 - VO86 ier Along Fanling Highway 450-6920)-FH N/B Side rier Works NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling NB60-4 (300-408m) - Sheet piling & Excavation NB60-4 - Footing & Wall Structure NB60 (408-468m)(NB60/18B-1 to S6, 0.19m -32nos) Piling NB60 (408-468m) FADS1 (8nos) Piling	/est Side 0% y N/B 69.84% 0% 0% 0%	19 12 50 32	63 12 50 32	27-Jan-18 A 14-May-18 29-May-18 14-May-18	12-May-18 -2 28-May-18 -2 27-Jul-18 -2 21-Jun-18 42	4 4 4 2 2					
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4. ID	s Update)(20-Apr-18)	· - ·		0.1.1		onth Rolling Prog					Page ²	4 of 5 (26-A
ty ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish Total Float		l Ann		2018 May	lun	l lui
Z2.KLH.3610	Ramp R1 - Steel roof	96.87%	11	351	19-Jan-17 A	03-May-18 296		Apr		May	Jun	Jul
	e - Ramp R2							! ! ! !				1
Z2.KLH.1550	Ramp R2 - Steel roof	94.95%	16	317	14-Mar-17 A	09-May-18 291		!				! ! !
KLH Bridge Z2.KLH.1460	e - Staircase S1	00/	00	00	00 4== 40	07 1.140 00						
	S1 - Staircase steel work, handrail Shop drawing submission &	0%	90	90	29-Apr-18	27-Jul-18 -30		1 1 1 1	_	 		1
Bridge Roa Z2.KLH.2040	Landscape work of KLHVB	0%	120	120	20-Apr-18	11-Sep-18 187		 				
Lift at TWS	R-W Side	<u> </u>										
L01070	Structural Laminated glass wall installation	0%	11	11	20-Apr-18*	03-May-18 207				; 		
L01090	Glass canopy (As Confirmed by ER, No glass canopy is required)	0%	0	0	20-Apr-18	20-Apr-18 218				 		
L01100	Lift installation	0%	70	70	04-May-18	27-Jul-18 207						1
L01130	Finishes work	0%	88	88	04-May-18	17-Aug-18 208		 				· ‡
L01140	CLP Power available (by CLP)	95.72%	32	747	04-Apr-16 A	21-May-18 319		<u></u>				-
Lift at FLH												
L01230	Structural Laminated glass wall installation	0%	12	12	·	04-May-18 235		 				
L01250	Glass canopy (As Confirmed by ER, No glass canopy is required)	0%	0	0	20-Apr-18*	20-Apr-18 247		 				
L01260	Lift installation	0%	45	45	05-May-18	28-Jun-18 236		1 				
L01270	Lift T&C	0%	14	14	29-Jun-18	12-Jul-18 287						
L01280	EMSD inspection & approval (Assume 7 days is required instead	0%	7	7	13-Jul-18	19-Jul-18 287						
L01290	Finishes work	0%	60	60	05-May-18	17-Jul-18 235						1
L01300	CLP Power available (by CLP)	91.9%	63	778	04-Apr-16 A	21-Jun-18 294						
L01310	Lift available - NF117-Lift 2	0%	0	0		19-Jul-18 233		 	Ī			19-Ju
Signalized .												!
	ang Vehicular Bridge							: ! ! !				1 1 1
	e - West Ramp Installation of Traffic Signal Poles at	0%	21	21	20-Apr-18*	15-May-18 280		 				1
Z2.KLH.1042	TWSR-W N/B (KLHVB) Ducting & Cable Draw Installation	0%	30	30	19-Jul-18	22-Aug-18 162		 				-
Z2.KLH.1062	(KLHVB) E-prom ordering by EMSD (KLHVB)	0%	90	90	20-Apr-18	18-Jul-18 196		 				· !
Joise Barri	│ er Along Fanling Highwa	v S/R										
	745-6910)-FH S/B Side (MTF		ea)					 		 		
Noise Barri		00/		45	00.440	00.1 . 10 .000		 				
NB03110	NB62 (0-80m) - NB production	0%	45		·	03-Jun-18 326		 				
NB03120	NB62 (0-80m) - NB post & panel installation	0%	5			08-Jun-18 266				; ;		
NB03150	NB62 (80-110m) Under bridge - backfilling	0%	14		·	07-May-18 288					<u> </u>	
NB03160	NB62 (80-110m) Under bridge - NB production	0%	45	45	·	03-Jun-18 326		 		, ,		
NB03170	NB62 (80-110m) Under bridge - NB post & panel installation	0%	5	5		08-Jun-18 266						- -
NB03200	NB62 (110-170m) - backfilling	0%	20	20		14-May-18 282		 				
NB03210	NB62 (110-170m) - NB production	0%	45		·	03-Jun-18 326		 		 		- -
NB03220	NB62 (110-170m) - NB post & panel installation	0%	5	5	04-Jun-18	08-Jun-18 266		1 1 1		1 1 1 1		
-anling Hig Drainage & F	hway Construction							1				!
Ch 6740-69								1		 		
RDZ20490	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 4)	79.73%	30	148	25-Oct-17 A	26-May-18 277						
RDZ20500	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 3)	0%	24	24	23-May-18	20-Jun-18 257						
orth Buffe	er Zone 2 (NBZ2) (with	in Zone	4) (Ch.	7925	to 8100)			1				
Bridge Con										 		
	Yuen Footbridge <mark>st/ FL Highway N/B Side Se</mark>	ction						1		 		
HKY1440	Remaining Finishes works of	87.19%	57	445	21-Nov-16 A	28-Jun-18 237		! !				
HKY1520	HKYFB VO11 - slope improvement work	0%	45	45	29-Jun-18	21-Aug-18 237			-			·
	FL Highway S/B Side Sec	tion						: !				1
HKY1870	Steel Ramp finishes work (HKYFB-TWSR-E side)	80.81%	100	521	13-Oct-16 A	18-Aug-18 239						
	h. 7925 to 8700)							1				í 1 1 1
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CHIU HING CONSTRUCTION AND TRANSPORTATION CO. LTD.

Contract No. 02/HY/2015

Works Order Nos: CB128519-0 & CB128520-5

Progarmme of Construction of Noise Barrier and Pedestrian Covered Walkway at Tai Wo Service Road East near Ho Ka Yuen

Revised Program Duration Rev Date Description Programmed Duration Actual Progress Critical Path Activities Early Start & Early Finsih

02 22/5/17 add plate load test program 03 28/9/2017 revise program of task 5-8 23/1/2018 add mass wall & revise installation of NB & BBI 04 Float = 3 weeks

01

00 28/02/17

upper part of stem wall

nths rolling program

initial issue

29/03/17 refer RE's comments

Note																															= l	ıppeı	part	of st	em w	all				23/4	- [:	3 moi	M
No. C. C. 123520-5			1 2	3 4	5 (7	8 9	10 11	12 13	14	15 16	17 1	18 19	20 2	1 22	23 24	25	26 27	28 2	29 30	31 3	2 33	34 35	36	37 3	8 39	40 4	41 42	43	44	45 46	47 48	49	50 51	52 5	3 54	55 5	6 57	58 59	60 6	61 62	63		66
1. Setting out and IUI determine	Act. No		1/25 3/4	3/11 3/11	3/25 4/1	4/8 4/	15 4/22 4	1/29 5/6	5/13 5/20	5/27 6	/3 6/10	6/17 6/	24 7/1	7/8 7/	5 7/22	7/29 8/5	8/12	8/19 8/26	9/2 9	9/16	9/23 9/3	0 10/7 1	0/14 10/2	1 10/28	11/4 11/1	1 11/18	11/25 12	/2 12/9	12/16	2/23 12	30 1/6	1/13 1/20	1/27 2	2/3 2/10	2/17 2/.	24 3/3	3/10 3/1	17 3/24 3	3/31 4/7	4/14 4/	21 4/28	5/5 5	/12 5/19 5	5/26
2 Submit and obtain approval of tenns wis			\perp	_		-		\perp		Ш	Ш		\sqcup	4	\sqcup	_	Н	\perp	4	\perp	4	\perp	_	Ш	4		_	_		+	$\perp \perp$	_		_			4	Ш	1	Ш	┸		+	_
2. Submit and obtain approval of temp wis Construction of Footings (6 stages): (Assume 2 sections of an armage 6 stack) cycle per section of Footings (6 stages): (Assume 2 sections of an armage 6 stack) cycle per section of Footings (6 stages): (Assume 2 sections of an armage 6 stack) cycle per section of Footings (6 stages): (Assume 2 sections of Ref. 4 stages): (Assume	1						1	\perp	_	Ш	1		\perp	4	Ш	-	Ш	\perp	4															\perp						Ш	┸			
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4 Stage 2: NB74-5, NB74-4 5 Stage 3: NB74-5, NB74-2 6 Stage 4: NB74-5, NB74-2 7 Stage 5: NB74-8, & Footing B (1 wk allowed for plate load test) 7 Stage 5: NB74-8, & Footing B (1 wk allowed for plate load test) 8 Stage 6: 74-9, NB74-10 8 Stage 7: Upor part of stem wall 8 Stage 7: Upor part of stem wall 8 Stage 7: Upor part of stem wall 9 Noise Barriers and Covered Walkway for approval 10 Febrication of NB and CW 11 Site installation of NB (include steel posts and panels) WO No. CB128519-0 12 Site installation of Covered Walkway 13 Electrical Installation 14 Allow for Works by Bus Companies 15 Drainage Works 16 Footpath Construction 17 Cycle Track Modification ar Tai Hang 18 Road surfacing 19 Allow for UU laying ducts		(Assume 2 sections in one stage, 6 weeks cycle per standard section)								9																																		
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8 Stage 7: 74-9, NB74-10 8 Stage 7: Upper part of stem wall 8 b Mass concrete wall near bay 1 Submit workshop drawings for steelworks of Noise Barriers and Covered Walkway for approval 10 Fabrication of NB and CW 11 Site installation of NB (include steel posts and panels) WO No. CB128519-0 12 Site installation of Covered Walkway 13 Electrical Installation 14 Allow for Works by Bus Companies 15 Drainage Works 16 Footpath Construction 17 Cycle Track Modification nr Tai Hang 18 Road surfacing 19 Allow for UU laying ducts	7	Stage 5: NB74-8, & Footing B (1 wk allowed for	or plat	e load	l test)												E			\perp	\Rightarrow		5100					10																
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20 Allow for fixing street furnitures by C3/LT	19	Allow for UU laying ducts																														6500	guestano	77		Ħ	H	Ħ						
	20	Allow for fixing street furnitures by C3/LT																																								T	50	%

Cycle time for standard section:

Item	Activity	Approx Qty	Days for Construction (Calendar Days)
1	Sheet-piling with struts	24 x 7 = 168M2	10 days
2	Excavation	12 x 6 x 6 =432 M1	7 days
3	Rock Fill (assumed)	12 x 2 = 24 M3	2 days
4	Blinding Layer		1 day
5	Fwk-Rebar- Concreting	110 M 3	10 days **
6	Posts for Covered Walkway		7 days ##
7	Backfilling	290M 3	5 days
			Total = 42 days

** Breakdown of Item 5

	Base Slab calendar days	Stem calendar days
Fwk	1	2
Re-bar	1	3
Concreting	1	1
Remove Fwl		1
Total:	10 c	lays

Breakdown of Item 6

	Posts calendar days	
Fwk	2	
Re-bar	3	
Concreting	1	
Remove Fwl	1	
Total:	7 (lays

\$\$Breakdown of Item 8a (for 2 sections of stem wall)

	Posts calendar days	
Fwk	4	
Re-bar	2	
Concreting	1	
Fix HD bolts	2	
Remove Fwk	1	
Total:	10 d	ays

APPENDIX C
IMPLEMENTATION SCHEDULE OF
ENVIRONMENTAL MITIGATION MEASURES
(EMIS)

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

Air Quality - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Imple	mentati	on Stat	us		
			H	IY/2012	/06	0	2/HY/20)15
			Feb 18	Mar 18	Apr 18	Feb 18	Mar 18	Apr 18
Air Quality during	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	V	V	V
construction	All stockpiles of excavated materials or spoil of more than 50m³ shall be enclosed, covered or dampened during dry or windy conditions.		@	@	@	V	@	@
	Effective water sprays shall be used to control potential dust emission sources such as unpaved haul roads and active construction areas.		V	V	V	V	V	V
	All spraying of materials and surfaces shall avoid excessive water usage.		V	V	V	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	V	V	V
	Materials shall be dampened, if necessary, before transportation.		V	V	V	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	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	Imple	mentati	on Statı	ıs		
-				HY/2012			2/HY/20)15
			Feb 18	Mar 18	Apr 18	Feb 18	Mar 18	Apr 18
Noise during construction	Use of silenced plant or plant equipped with mufflers or dampers in substitute of ordinary plant.	During construction	V	V	V	V	V	V
	Reduce the number of equipment and their percentage on-time.		V	V	V	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*	N.A.	N.A.	N.A.
	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*	N.A.	N.A.	N.A.
	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*	N.A.	N.A.	N.A.
	2.5 m high temporary noise barrier along Tai Wo Service Road West (Figure 2c of the Environmental Permit).	-	٧	V	V*	N.A.	N.A.	N.A.
	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*	N.A.	N.A.	N.A.
	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*	N.A.	N.A.	N.A.
	7 m high temporary noise barrier near Kiu Tau Footbridge work area (Figure 2d of the Environmental Permit).	1	٧	V	V*	N.A.	N.A.	N.A.
	2.5 m high temporary noise barrier near river diversion work area (Figure 2e of the Environmental Permit).		N.A.	N.A.	V*	N.A.	N.A.	N.A.

^{*} Permanent noise barriers have been erected.

Water Quality – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Imple	mentat	ion Stat	us		
			H	IY/2012	/06	0	2/HY/20)15
			Feb 18	Mar 18	Apr 18	Feb 18	Mar 18	Apr 18
Water quality during construction	 Demolition and reconstruction of bridges Prevent off-site migration through use of sheet piles. Minimise duration of works as far as practical. All sewer and drainage connections should be sealed to prevent debris, soil, sand, etc, from entering public sewers/drains. Site surface runoff should be settled to remove sand/silt before it is discharged into the existing storm drains. 	During construction	@	@	@	N.A.	N.A.	N.A.
	 Road Widening Works, Earthworks and Culvert Extension Works Wastewater generated from any concrete batching washdown of equipment or similar activities should be discharged into foul sewers, after the removal of settable solids, and pH adjustment as necessary. All sewage discharges from the study area should meet the TM standards and approval from EPD through the licensing process is required. Sand traps, oil interceptors and other pollution prevention installations should be provided, properly cleaned and maintained. Runoff from exposed working areas, unfinished slopes and from unlined temporary channels should be directed to stilling basins and/or silt traps before discharging to the drainage outfalls. Regular inspections of stilling basins and/or silt traps is required to ensure that sediment is not conveyed into the existing drainage system. Open stockpiles should be covered with a tarpaulin cover. During the wet season, any exposed top soils should be covered with a tarpaulin, shotcreted or hydroseeded. Sand and silt from wash-water from vehicle washing should be settled out before discharging into storm drains. Fuels should be stored in bunded areas such that spillage can be easily collected. 		@	@	@	V	V	V

Waste - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Imple	mentati	ion Statı	ıs		
			I	HY/2012	2/06	0	2/HY/2	015
			Feb 18	Mar 18	Apr 18	Feb 18	Mar 18	Apr 18
Waste management during construction	General Waste - Transport of wastes off site as soon as possible Maintenance of accurate waste records Minimisation of waste generation for disposal (via reduction/recycling/re-use) No on-site burning will be permitted Use of re-useable metal hoardings/signboards.	During construction	V	V	V	V	V	V
	Vegetation from site clearance - Segregation of materials to facilitate disposal Mulching to reduce bulk and where possible review opportunities for the possible beneficial use within landscaping areas.		V	V	V	V	V	V
	Demolition Wastes - Segregation of materials to facilitate disposal Appropriate stockpile management.		V	V	V	V	V	V
	 Excavated Materials Segregation of materials to facilitate disposal / reuse. Appropriate stockpile management. Re-use of excavated material on or off site (where possible). Special handling and disposal procedures in the event that contaminated materials are excavated. 		V	V	V	V	V	V
	 Construction Wastes Segregation of materials to facilitate recycling/reuse (within designated area in appropriate containers/stockpiles). Appropriate stockpile management. Planning to reduce over ordering and waste generation. Recycling and re-use of materials where possible (e.g. metal, wood from formwork) For material which cannot be re-used/recycled, collection should be carried out by an approved waste contractor for landfill disposal. 		V	V	V	V	V	@

Bentonite Slurries - Bentonite slurries should be reused as far as possible Disposal in accordance with Practice Note For Professional Persons ProPECC PN 1/94.	#	#	#	N.A.	N.A.	N.A.
Chemical Wastes - Storage within locked, covered and bunded area. - The storage area shall not be located adjacent to sensitive receivers e.g. drains. - Minimise waste production and recycle oils/solvents where possible. - A spill response procedure shall be in place and absorption material available for minor spillages. - Use appropriate and labelled containers. - Educate site workers on site cleanliness/waste management procedures. - If chemical wastes are to be generated, the contractor must register with EPD as a chemical waste producer. - The chemical wastes shall be collected by a licensed chemical waste collector.	@	@	V	N.A.	N.A.	N.A.
Municipal Wastes - Waste shall be stored within a temporary refuse collection facility, in appropriate containers prior to collection and disposal. - Regular, daily collections are required by an approved waste collector.	V	V	V	V	V	V

Ecology – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Imple	mentat	ion Sta	tus		
			ŀ	HY/2012	/06	0)2/HY/20)15
			Feb 18	Mar 18	Apr 18	Feb 18	Mar 18	Apr 18
Ecology during construction	Accurate Delineation of Works Area Boundaries of proposed works areas shall be clearly identified and separated from external areas by a physical barrier to prevent encroachment of adjacent habitats. Individual trees which fall within the works areas but which work plans do not require removal are to be retained and fenced off to maximize protection.	During construction	V	V	V	V	V	V
	Vegetation Clearance No fires shall be lit within the works area for the purpose of burning cleared vegetation. The Contractor shall give consideration to mulching the cleared vegetation for recycling within the works area / adjacent land.		V	V	V	V	V	V
	 Dust generation 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: Vehicle washing facilities to be provided at every discernible or designated vehicle exit point; All temporary site access roads shall be sprayed with water to suppress dust as necessary; All dusty materials should be sprayed with water immediately prior to any handling; and All debris should be covered entirely by impervious sheeting or stored in a sheltered debris collection area. 		@	@	@	V	V	V

- All vehicle maintenance to be undertaken within a bunded area; and - Maximise vegetation retention on-site to maximise absorption (minimise transport).		- Maximise vegetation retention on-site to maximise absorption (minimise		@	@	@	V	V	V
---	--	--	--	---	---	---	---	---	---

Landscape and Visual Impact – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Impler	nentati	on Stat	us		
			HY/2012/06				2/HY/20	15
			Feb 18	Mar 18	Apr 18	Feb 18	Mar 18	Apr 18
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	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 visua 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	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	N.A.	N.A.	N.A.
	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.		#	#	#	N.A.	N.A.	N.A.
	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.		#	#	#	N.A.	N.A.	N.A.

Legend:

V = implemented;

x = not implemented;

@ = partially implemented;

+ = recommended and immediately implemented during the site inspection by the Contractor;

N/A = not applicable - No such work was undertaken or no such material was used on site;

= to be implemented.

APPENDIX D SUMMARY OF ACTION AND LIMIT LEVELS

Appendix D - Summary of Action and Limit Levels

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

Location	Action Level	Limit Level
AM2	317.8 μg/m3	500 μg/m3

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

Location	Action Level	Limit Level
AM2	200.7 μg/m3	260 μg/m3

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

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

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

APPENDIX E
IMPACT AIR QUALITY MONITORING
RESULTS AND THEIR GRAPHICAL
PRESENTATION

Impact Air Quality Monitoring Results

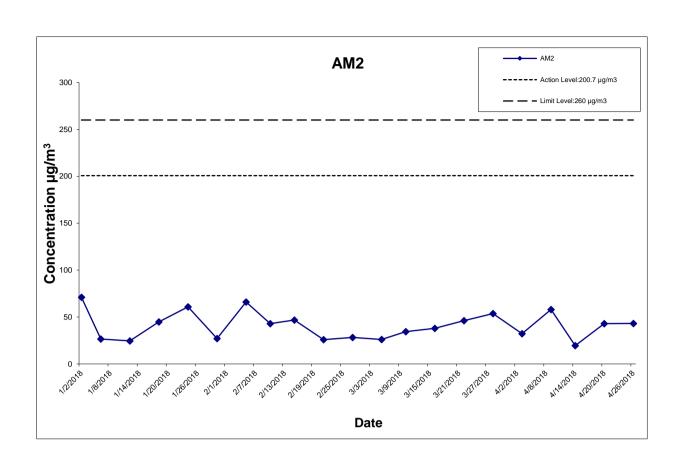
24-hour TSP Monitoring Results at Station AM2 (Fanling Government Secondary School)

Date	Weather	Air	Atmospheric	Flow Rate	(m³/min.)	Av. flow	Total vol.	Filter W	eight (g)	Particulate	Elapse	Time	Sampling	Conc.	Actino Level	Limit Level
	Condition	Temp. (°C	Pressure(hPa)	Initial	Final	(m ³ /min)	(m ³)	Initial	Final	weight(g)	Initial	Final	Time(hrs.)	(µg/m³)	(µg/m ³)	(µg/m ³)
2-Jan-18	Sunny	17.8	1019.3	1.314	1.314	1.314	1892.2	2.7513	2.8859	0.1346	9690.02	9714.02	24.00	71.1	200.7	260
6-Jan-18	Rainy	16.2	1014.6	1.314	1.314	1.314	1892.2	2.6527	2.7031	0.0504	9714.02	9738.02	24.00	26.6	200.7	260
12-Jan-18	Sunny	12.8	1027.1	1.314	1.314	1.314	1892.2	2.6116	2.6581	0.0465	9738.02	9762.02	24.00	24.6	200.7	260
18-Jan-18	Sunny	19.2	1016.6	1.314	1.314	1.314	1892.2	2.6277	2.7125	0.0848	9762.02	9786.02	24.00	44.8	200.7	260
24-Jan-18	Fine	17.7	1015.5	1.314	1.314	1.314	1892.2	2.6559	2.7710	0.1151	9786.02	9810.02	24.00	60.8	200.7	260
30-Jan-18	Sunny	10.1	1020.4	1.314	1.314	1.314	1892.2	2.6385	2.6897	0.0512	9810.02	9834.02	24.00	27.1	200.7	260
5-Feb-18	Sunny	9.8	1026.6	1.314	1.314	1.314	1892.2	2.6299	2.7550	0.1251	9834.02	9858.02	24.00	66.1	200.7	260
10-Feb-18	Sunny	18.0	1017.4	1.314	1.314	1.314	1892.2	2.6218	2.7029	0.0811	9858.02	9882.02	24.00	42.9	200.7	260
15-Feb-18	Sunny	19.8	1016.0	1.304	1.304	1.304	1877.8	2.7064	2.7942	0.0878	9882.02	9906.02	24.00	46.8	200.7	260
21-Feb-18	Sunny	18.2	1014.9	1.304	1.304	1.304	1877.8	2.6167	2.6653	0.0486	9906.02	9930.02	24.00	25.9	200.7	260
27-Feb-18	Sunny	19.1	1017.3	1.304	1.304	1.304	1877.8	2.7051	2.7582	0.0531	9930.02	9954.02	24.00	28.3	200.7	260
5-Mar-18	Rainy	14.5	1019.4	1.304	1.304	1.304	1877.8	2.7194	2.7684	0.0490	9954.02	9978.02	24.00	26.1	200.7	260
10-Mar-18	Sunny	16.7	1022.1	1.324	1.324	1.324	1906.6	2.7396	2.8052	0.0656	9978.02	10002.02	24.00	34.4	200.7	260
16-Mar-18	Sunny	22.7	1014.8	1.324	1.324	1.324	1906.6	2.7142	2.7867	0.0725	10002.02	10026.02	24.00	38.0	200.7	260
22-Mar-18	Sunny	19.5	1016.9	1.324	1.324	1.324	1906.6	2.7397	2.8275	0.0878	10026.02	10050.02	24.00	46.1	200.7	260
28-Mar-18	Sunny	22.7	1014.7	1.324	1.324	1.324	1906.6	2.7216	2.8239	0.1023	10050.02	10074.02	24.00	53.7	200.7	260
3-Apr-18	Fine	24.7	1013.6	1.324	1.324	1.324	1906.6	2.5332	2.5947	0.0615	10074.02	10098.02	24.00	32.3	200.7	260
9-Apr-18	Sunny	22.0	1017.6	1.324	1.324	1.324	1906.6	2.5558	2.6666	0.1108	10098.02	10122.02	24.00	58.1	200.7	260
14-Apr-18	Sunny	26.7	1011.3	1.324	1.324	1.324	1906.6	2.5912	2.6284	0.0372	10122.02	10146.02	24.00	19.5	200.7	260
20-Apr-18	Sunny	23.2	1014.6	1.324	1.324	1.324	1906.6	2.5630	2.6448	0.0818	10146.02	10170.02	24.00	42.9	200.7	260
26-Apr-18	Rainy	24.6	1013.6	1.324	1.324	1.324	1906.6	2.5346	2.6169	0.0823	10170.02	10194.02	24.00	43.2	200.7	260

Average for the reporting quarter (Feb 18 to Apr 18) 40.3

Minimum for the reporting quarter (Feb 18 to Apr 18) 19.5

Maximum for the reporting quarter (Feb 18 to Apr 18) 66.1



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WIDENING OF FANLING HIGHWAY
- TAI HANG TO WO HOP SHEK INTERCHANGE

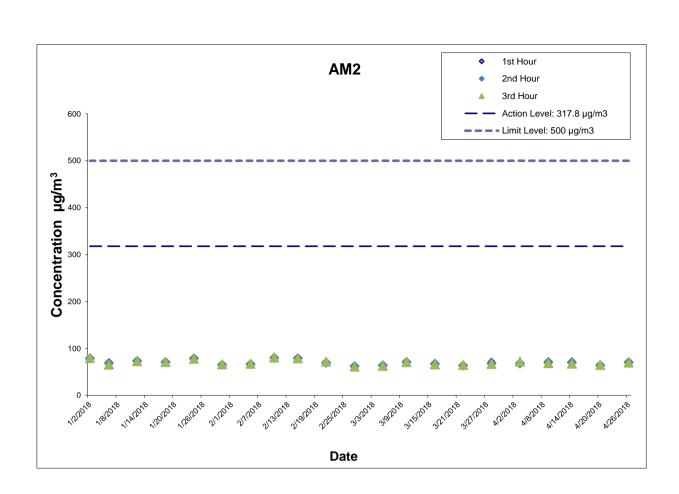


Project No.: 60307376 Date: May-18 Appendix E

Impact Air Quality Monitoring Results

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

	0, ,	4 (11	0 111	0 111		
	Start	1st Hour	2nd Hour	3rd Hour		
	Time	Conc.	Conc.	Conc.		
Date	(hh:mm)	(µg/m³)	(µg/m³)	(µg/m³)		
2-Jan-18	10:00	79.1	79.7			
6-Jan-18	13:30	71.2	68.5	65.6		
12-Jan-18	9:30	70.6	73.2	72.8		
18-Jan-18	10:45	69.5	70.8	71.1		
24-Jan-18	13:10	78.1	78.7	77.8		
30-Jan-18	13:00	64.6	65.3	66.2		
5-Feb-18	12:30	65.4	66.7	67.2		
10-Feb-18	13:06	80.4	79.8	80.6		
15-Feb-18	13:05	78.6	79.3	78.8		
21-Feb-18	15:00	72.0	71.8			
27-Feb-18	13:30	60.6	62.1	61.3		
5-Mar-18	13:00	65.0	64.0	62.8		
10-Mar-18	13:45	72.3	72.3 70.8			
16-Mar-18	10:25	65.5	66.0			
22-Mar-18	13:00	61.6	63.7	64.9		
28-Mar-18	14:35	72.1	68.1	66.9		
3-Apr-18	9:40	71.1	67.8	72.0		
9-Apr-18	13:35	67.7	70.8	68.6		
14-Apr-18	11:05	72.2	70.5	67.6		
20-Apr-18	9:30	63.8	64.2	64.9		
26-Apr-18	10:35	67.9	70.7	69.8		
Average for th	ne reporting of	quarter (Feb 1	8 to Apr 18)	69.0		
Minimum for t	he reporting	quarter (Feb 1	60.6			
Maximum for	the reporting	quarter (Feb	18 to Apr 18)	80.6		



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APPENDIX F METEROLOGICAL DATA





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Visitors Figures			Air '	Гетрега	ture	Mean	Mean		Prevailing	Mean
Press releases	Day	Mean Pressure	Absolute	Mean	Absolute	Dew	Relative	Total Rainfall	Wind	Wind
Weather Note (Chinese)	Day	(hPa)	Daily Max	(deg.	Daily Min	Point (deg. C)	Humidity (%)	(mm)	Direction (degrees)	Speed (km/h)
Today's Weather			(deg. C)	(C)	(deg. C)	(ueg. c)	(70)		(degrees)	(KIII/II)
Warnings	01	1021.9	12.1#	9.0	4.6#	1.9	61	***	***	***
Local Weather	02	1024.3	11.9#	10.2	8.6#	3.4	63	***	***	***
Observations	03	1025.5	11.8	9.4	7.7	0.3	53	***	***	***
Weather Forecast	04	1025.6	10.9	9.2	7.5	-0.6	51	***	***	***
Weather Monitoring	05	1026.1	10.9#	8.7	6.9#	-2.2	47	***	***	***
Imagery	06	1023.2	13.5	9.8	4.6	0.4	53	***	***	***
Computer Forecast	07	1020.3	14.0	11.8	9.3	3.1	57	***	***	***
Products	08	1018.2	16.3	13.1	9.2	5.9	63	***	***	* * *
MyObservatory	09	1015.8	16.7#	15.1	13.6#	11.3	78	***	***	* * *
Met on Map	10	1016.6	21.2	17.2	15.0	13.8	81	***	***	***
Tropical Cyclones	11	1022.1	17.4	15.6	13.5	8.7	64	***	***	***
Aviation Weather	12	1025.7	18.8	14.1	9.9	5.1	55	***	***	***
Services	13	1023.2	18.2#	14.1	10.4#	6.8	63	***	***	***
Marine Meteorological	14	1018.4	18.4	15.3	11.2	9.1	67	***	***	***
Services	15	1015.3	22.7	18.1	15.1	15.2	83	***	***	***
Weather Information for	16	1014.1	27.2#	20.0	14.8#	15.9	80	***	***	***
Sports	17	1016.2	18.2#	16.8	16.1#	14.6	87	***	***	***
Weather Information for	18	1016.9	20.4	17.7	16.4	14.9	84	***	***	* * *
Communities	19	1015.3	22.8#	19.7	17.2#	17.6	88	***	***	***
China Weather	20	1013.5	24.4	19.6	17.9	18.0	91	***	***	***
World Weather	21	1014.3	18.7	17.6	16.1	15.4	87	***	***	* * *
Climatological Information	22	1017.8	16.4#	13.9	11.6#	12.8	93	***	***	* * *
Services	23	1019.4	16.8	14.2	11.1	11.9	86	***	***	***
> Climate Watch	24	1018.2	19.9#	17.7	15.3#	13.9	78	***	***	***
> Climate Statistics	25	1017.4	23.5#	19.4	17.0#	15.9	81	***	***	***
> Climate Prediction	26	1019.0	18.2#	16.8	15.7#	13.2	79	***	***	***
> Climate Knowledge	27	1016.6	22.0	18.3	14.6	13.7	75	***	***	***
> Need More	28	1012.8	25.1#	20.7	17.5#	17.8	83	***	***	***
> Need More	.=	•								•

*** unavailable

data incomplete

Rainfall measured in increment of 0.5 mm. Amount of < 0.5 mm cannot be detected

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Name Press releases Press releases Weather Note (Chinese) Visitors Figures Press releases Weather Note (Chinese) Visitors releases Visitors releases	Our Services				Year 201	8 ▼ Month	2 ▼ Go				
Press releases Pay Pressure (Phase) Pressur	Visitors Figures			Air '	Tempera	ıture	Mean	Mean		Prevailing	Mean
Weather Note (Chinese) Chinese		Day	1		Mean		Dew	Relative		Wind	Wind
Coday's Weather Warnings Code	Weather Note (Chinese)	Day			(deg.				1		
Marnings	, ,				C)		(ucg. c)	(70)		(degrees)	(KIII/II)
Coal Weather Forecast	*	01	***	13.0#	9.5	4.6#	***	***	0.0	040	10.2
Weather Forecast 04 *** 12.1 9.2 7.7 *** *** 0.0 040 15.7 Weather Monitoring Imagery 05 *** 12.2# 8.9 6.7# *** *** 0.0 030 13.8 Computer Forecast Products 07 *** 15.2 12.0 9.4 *** *** 0.0 040 14.9 Products 08 *** 18.2 13.4 9.9 *** 0.0 040 9.6 Products 08 *** 18.2 13.4 9.9 *** 0.0 040 9.6 MyObservatory 09 *** 18.4# 15.3 13.0# *** 0.0 060 8.8 Met on Map 10 *** 23.1 17.7 15.0 *** *** 0.0 050 13.9 Aviation Weather 12 *** 20.0 14.4 9.4 *** *** 0.0 050 13.9	Local Weather	02	***	11.7	10.0	8.1	***	***	0.0	030	17.8
Weather Monitoring Imagery 05 *** 12.2# 8.9 6.7# *** *** 0.0 030 13.8 Computer Forecast Products 06 *** 15.3 10.7 6.4 *** *** 0.0 040 14.9 MyObservatory 08 *** 18.2 13.4 9.9 *** *** 0.0 090 9.8 MyObservatory 09 *** 18.4# 15.3 13.0# *** 0.0 060 8.8 Met on Map 10 *** 23.1 17.7 15.0 *** 0.0 060 8.8 Met on Map 11 *** 20.3 15.8 12.8 *** 0.0 050 13.9 Aviation Weather 12 *** 20.0 14.4 9.4 *** *** 0.0 050 13.9 Marine Meteorological Services 15 *** 24.9# 18.8 15.2# *** *** 0.0 060 <td>Observations</td> <td>03</td> <td>***</td> <td>11.2</td> <td>9.3</td> <td>7.3</td> <td>***</td> <td>***</td> <td>0.0</td> <td>040</td> <td>14.1</td>	Observations	03	***	11.2	9.3	7.3	***	***	0.0	040	14.1
Magery 06 *** 15.3 10.7 6.4 *** *** *** 0.0 040 14.9	Weather Forecast	04	***	12.1	9.2	7.7	***	***	0.0	040	15.7
Imagery	Weather Monitoring	05	***	12.2#	8.9	6.7#	***	***	0.0	030	13.8
Products 08 *** 18.2 13.4 9.9 *** *** 0.0 090 9.8 MyObservatory 09 *** 18.4# 15.3 13.0# *** *** 0.0 060 8.8 Met on Map 10 *** 23.1 17.7 15.0 *** *** 0.0 050 13.0 6.1 Tropical Cyclones 11 *** 20.3 15.8 12.8 *** *** 0.0 050 13.9 Aviation Weather 12 *** 20.0 14.4 9.4 *** *** 0.0 050 13.9 Marine Meteorological Services 13 *** 20.0 15.9 12.1 *** *** 0.0 050 10.8 Marine Meteorological Services 15 *** 24.9# 18.8 15.2# *** 0.0 060 5.3 Weather Information for Sports 17 *** 18.6 16.6 15.8	Imagery	06	***	15.3	10.7	6.4	***	***	0.0	040	14.9
MyObservatory 09 *** 18.4 # 15.3 13.0 # *** **** 0.0 060 8.8 Met on Map 10 *** 23.1 17.7 15.0 *** *** 0.0 060 8.8 Marine Methor Services 11 *** 20.3 15.8 12.8 *** *** 0.0 050 13.9 Marine Meteorological Services 13 *** 20.0 14.4 9.4 *** *** 0.0 050 10.8 Marine Meteorological Services 15 *** 20.0 15.9 12.1 *** *** 0.0 050 10.8 Marine Meteorological Services 15 *** 24.9 # 18.8 15.2 # *** 0.0 060 5.3 Weather Information for Sports 16 *** 26.9 # 20.3 15.5 # *** *** 0.0 070 2.5 Weather Information for Communities 18 *** 20.9 # 17.8 # 15.9 #	Computer Forecast	07	***	15.2	12.0	9.4	***	***	0.0	040	9.6
Met on Map	Products	08	***	18.2	13.4	9.9	***	***	0.0	090	9.8
Tropical Cyclones Aviation Weather Services I1	MyObservatory	09	* * *	18.4#	15.3	13.0#	* * *	***	0.0	060	8.8
Aviation Weather Services 12 x** 20.0 14.4 9.4 x** x** 0.0 0.40 12.9	Met on Map	10	***	23.1	17.7	15.0	***	***	0.0	130	6.1
Services	Tropical Cyclones	11	***	20.3	15.8	12.8	***	***	0.0	050	13.9
Marine Meteorological Services 14 *** 20.0 15.9 12.1 *** *** 0.0 060 5.3 Weather Information for Sports 16 *** 24.9# 18.8 15.2# *** *** 0.0 070 2.5 Weather Information for Sports 17 *** 18.6 16.6 15.8 *** *** 0.0 090 18.3 Weather Information for Communities 18 *** 20.9 17.8 15.9 *** *** 0.0 090 18.3 China Weather 20 *** 24.8# 20.1 17.3# *** *** 0.0 070 7.6 World Weather 21 *** 19.9 17.4 15.3 *** *** 0.0 070 7.6 Climatological Information Services 23 *** 17.9 17.4 15.3 *** *** 0.5 060 12.0 Climate Watch 24 *** 22.4#	Aviation Weather	12	***	20.0	14.4	9.4	***	***	0.0	040	12.9
Services 15 *** 24.9# 18.8 15.2# *** *** 0.0 070 2.5 Weather Information for Sports 16 *** 26.9# 20.3 15.5# *** *** 0.0 260 3.2 Weather Information for Communities 18 *** 20.9 17.8 15.9 *** *** 0.0 070 4.3 China Weather 20 *** 26.7 20.1 17.9# *** *** 0.0 070 7.6 World Weather 21 *** 19.9# 17.4 15.3 *** *** 0.0 070 7.6 Climatological Information Services 22 *** 15.7 13.6 11.6 *** *** 0.5 060 12.0 Climate Watch 24 *** 17.9 14.4 11.3 *** *** 0.0 070 5.4 Climate Statistics Climate Prediction 26 *** 25.6	Services	13	***	20.0	14.5	11.1	***	***	0.0	050	10.8
Weather Information for Sports 16 *** 26.9# 20.3 15.5# *** *** 0.0 260 3.2 Weather Information for Communities 18 *** 20.9 17.8 15.9 *** *** 0.0 090 18.3 China Weather Information Communities 19 *** 24.8# 20.1 17.3# *** *** 0.0 070 4.3 China Weather 20 *** 26.7 20.1 17.3# *** *** 0.0 070 7.6 World Weather 21 *** 19.9 17.4 15.3 *** *** 0.0 070 7.6 World Weather 21 *** 19.9 17.4 15.3 *** *** 0.5 060 12.0 Climatological Information Services 23 *** 17.9 14.4 11.3 *** *** 4.5 050 12.6 Services 24 *** 22.4# 18.0 </td <td>Marine Meteorological</td> <td>14</td> <td>***</td> <td>20.0</td> <td>15.9</td> <td>12.1</td> <td>***</td> <td>***</td> <td>0.0</td> <td>060</td> <td>5.3</td>	Marine Meteorological	14	***	20.0	15.9	12.1	***	***	0.0	060	5.3
Sports 17	Services	15	***	24.9#	18.8	15.2#	***	***	0.0	070	2.5
Weather Information for Communities 18 *** 20.9 17.8 15.9 *** *** 0.0 070 4.3 China Weather 20 *** 24.8# 20.1 17.3# *** *** 0.0 270 3.3 China Weather 20 *** 26.7 20.1 17.9 *** *** 0.0 070 7.6 World Weather 21 *** 19.9 17.4 15.3 *** *** 0.5 060 12.0 Climatological Information Services 22 *** 15.7 13.6 11.6 *** *** 4.5 050 12.6 Services 23 *** 17.9 14.4 11.3 *** *** 2.0 050 10.5 Climate Watch 24 *** 22.4# 18.0 14.4# *** *** 0.0 070 5.4 Climate Statistics 26 *** 19.9# 16.8 15.1# <t< td=""><td>Weather Information for</td><td>16</td><td>***</td><td>26.9#</td><td>20.3</td><td>15.5#</td><td>***</td><td>***</td><td>0.0</td><td>260</td><td>3.2</td></t<>	Weather Information for	16	***	26.9#	20.3	15.5#	***	***	0.0	260	3.2
Communities 19 *** 24.8# 20.1 17.3# *** *** 0.0 270 3.3 China Weather 20 *** 26.7 20.1 17.9 *** *** 0.0 070 7.6 World Weather 21 *** 19.9 17.4 15.3 *** *** 0.5 060 12.0 Climatological Information Services 23 *** 17.9 14.4 11.3 *** *** 4.5 050 12.6 Services 23 *** 17.9 14.4 11.3 *** *** 2.0 050 10.5 S Climate Watch 24 *** 22.4# 18.0 14.4# *** *** 0.0 070 5.4 S Climate Statistics 26 *** 19.9# 16.8 15.1# *** *** 0.0 040 6.8 S Climate Knowledge 20 *** 23.7 18.5 14.1 ***	Sports	17	***	18.6	16.6	15.8	***	***	0.0	090	18.3
China Weather 20 *** 26.7 20.1 17.9 *** *** 0.0 070 7.6 World Weather 21 *** 19.9 17.4 15.3 *** *** 0.5 060 12.0 Climatological Information Services 23 *** 15.7 13.6 11.6 *** *** 4.5 050 12.6 > Climate Watch 24 *** 22.4# 18.0 14.4# *** *** 0.0 070 5.4 > Climate Statistics 25 *** 25.6 19.7 16.9 *** *** 0.0 040 6.8 > Climate Prediction 26 *** 19.9# 16.8 15.1# *** *** 0.0 050 12.8 > Climate Knowledge 27 *** 23.7 18.5 14.1 *** *** 0.0 050 12.8 > Need More 28 *** 26.9# 20.9 17.7# <td< td=""><td>Weather Information for</td><td>18</td><td>***</td><td>20.9</td><td>17.8</td><td>15.9</td><td>***</td><td>***</td><td>0.0</td><td>070</td><td>4.3</td></td<>	Weather Information for	18	***	20.9	17.8	15.9	***	***	0.0	070	4.3
World Weather 21 *** 19.9 17.4 15.3 *** *** 0.5 060 12.0 Climatological Information Services 22 *** 15.7 13.6 11.6 *** *** 4.5 050 12.6 Services 23 *** 17.9 14.4 11.3 *** *** 2.0 050 10.5 Climate Watch 24 *** 22.4# 18.0 14.4# *** *** 0.0 070 5.4 Climate Statistics 25 *** 25.6 19.7 16.9 *** *** 0.0 040 6.8 Climate Prediction 26 *** 19.9# 16.8 15.1# *** *** 0.0 050 12.8 Climate Knowledge 27 *** 23.7 18.5 14.1 *** *** 0.0 050 12.8 Need More 28 *** 26.9# 20.9 17.7# ***	Communities	19	***	24.8#	20.1	17.3#	***	***	0.0	270	3.3
Climatological Information Services 22 *** 15.7 13.6 11.6 *** *** 4.5 050 12.6 Services 23 *** 17.9 14.4 11.3 *** *** 2.0 050 10.5 Climate Watch 24 *** 22.4# 18.0 14.4# *** *** 0.0 070 5.4 Climate Statistics 25 *** 25.6 19.7 16.9 *** *** 0.0 040 6.8 Climate Prediction 26 *** 19.9# 16.8 15.1# *** *** 0.0 050 12.8 Climate Knowledge 27 *** 23.7 18.5 14.1 *** *** 0.0 050 12.8 Need More 28 *** 26.9# 20.9 17.7# *** *** 0.0 060 5.7	China Weather	20	***	26.7	20.1	17.9	***	***	0.0	070	7.6
Services 23 *** 17.9 14.4 11.3 *** *** 2.0 050 10.5 > Climate Watch 24 *** 22.4# 18.0 14.4# *** *** 0.0 070 5.4 > Climate Statistics 25 *** 25.6 19.7 16.9 *** *** 0.0 040 6.8 26 *** 19.9# 16.8 15.1# *** *** 0.0 050 12.8 27 *** 23.7 18.5 14.1 *** *** 0.0 130 10.6 28 *** 26.9# 20.9 17.7# *** *** 0.0 060 5.7	World Weather	21	***	19.9	17.4	15.3	* * *	* * *	0.5	060	12.0
> Climate Watch 24 *** 22.4# 18.0 14.4# *** *** 0.0 070 5.4 > Climate Statistics 25 *** 25.6 19.7 16.9 *** *** 0.0 040 6.8 > Climate Prediction 26 *** 19.9# 16.8 15.1# *** *** 0.0 050 12.8 > Climate Knowledge 27 *** 23.7 18.5 14.1 *** *** 0.0 130 10.6 > Need More 28 *** 26.9# 20.9 17.7# *** *** 0.0 060 5.7	Climatological Information	22	* * *	15.7	13.6	11.6	* * *	* * *	4.5	050	12.6
> Climate Statistics 25 *** 25.6 19.7 16.9 *** *** 0.0 040 6.8 > Climate Prediction 26 *** 19.9# 16.8 15.1# *** *** 0.0 050 12.8 27 *** 23.7 18.5 14.1 *** *** 0.0 130 10.6 28 *** 26.9# 20.9 17.7# *** *** 0.0 060 5.7	Services	23	***	17.9	14.4	11.3	***	***	2.0	050	10.5
> Climate Prediction 26 *** 19.9# 16.8 15.1# *** 0.0 050 12.8 > Climate Knowledge 27 *** 23.7 18.5 14.1 *** *** 0.0 130 10.6 28 *** 26.9# 20.9 17.7# *** *** 0.0 060 5.7	> Climate Watch	24	***	22.4#	18.0	14.4#	***	***	0.0	070	5.4
> Climate Frediction	> Climate Statistics	25	***	25.6	19.7	16.9	***	***	0.0	040	6.8
> Climate Knowledge	> Climate Prediction	26	***	19.9#	16.8	15.1#	***	***	0.0	050	12.8
> Need More 28 *** 26.9# 20.9 17.7# *** *** 0.0 060 5.7	> Climate Knowledge	27	***	23.7	18.5	14.1	***	***	0.0	130	10.6
		28	***	26.9#	20.9	17.7#	***	***	0.0	060	5.7

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Press releases	Day	Mean Pressure	Absolute Daily	Mean	Absolute Daily	Dew Point	Relative	Total Rainfall	Wind	Wind
Weather Note (Chinese)		(hPa)	Max	(deg. C)	Min	(deg. C)	Humidity (%)	(mm)	Direction (degrees)	Speed (km/h)
Today's Weather	01	1011 6	(deg. C)	00.1	(deg. C)	10.4	0.0	***	***	***
Warnings	01	1011.6	23.7#	20.1	17.4#	18.4	90	***	***	***
Local Weather	02	1011.1	23.8	21.0	19.3	17.9	83		***	
Observations	03	1010.4	22.1#	21.0	20.1#	20.1	94	***		***
Weather Forecast	04	1010.0	23.8#	22.5	21.0#	21.5	94	***	***	***
Weather Monitoring	05	1011.3	25.9#	23.5	21.6#	21.8	90	***	***	***
Imagery	06	1016.4	21.6	19.2	18.2	16.2	83	***	***	***
Computer Forecast	07	1016.0	20.1	18.8	17.6	15.3	81	***	***	***
Products	08	1019.4	19.1	13.2	11.4	10.2	83	***	***	***
MyObservatory	09	1022.3	18.4	13.6	8.4	6.5	64	***	***	***
Met on Map	10	1021.4	20.4	15.6	11.2	9.2	68	***	***	***
Tropical Cyclones	11	1020.8	21.2	17.5	14.7	11.2	68	***	***	***
Aviation Weather	12	1018.3	23.4	18.5	14.4	13.9	76	***	***	***
Services	13	1015.8	24.2	19.7	15.2	16.0	80	***	***	***
Marine Meteorological	14	1014.0	20.2#	19.5	18.2#	17.2	87	***	***	***
Services	15	1012.3	24.5	21.0	18.9	18.8	87	***	***	***
Weather Information for	16	1013.8	25.7#	21.7	18.4#	19.2	86	***	***	***
Sports	17	1016.5	21.0#	19.3	18.5#	16.9	86	***	***	***
Weather Information for	18	1015.1	22.3#	20.3	19.1#	17.8	86	***	***	***
Communities	19	1010.8	24.4#	21.8	19.7#	20.1	90	***	***	***
China Weather	20	1012.7	22.9	20.0	15.8	15.1	74	***	***	***
World Weather	21	1016.2	22.6	17.6	12.6	7.4	52	***	***	***
Climatological Information	22	1016.1	22.2#	17.8	12.7#	10.2	62	***	***	***
Services	23	1017.6	23.2#	18.9	14.5#	12.6	69	***	***	***
> Climate Watch	24	1018.1	21.9#	20.1	18.4#	16.2	79	***	***	***
> Climate Statistics	25	1018.5	22.6#	20.9	19.0#	14.4	67	***	***	***
> Climate Prediction	26	1017.4	24.5#	21.4	18.1#	16.8	76	***	***	***
> Climate Knowledge	27	1015.2	26.0#	21.9	19.4#	17.6	77	***	***	***
> Need More	28	1013.8	24.3#	21.5	19.3#	18.2	82	***	***	***
Information?	29	1013.4	24.7#	21.6	19.0#	18.6	83	***	***	***
> Global Climate	30	1014.4	26.1#	22.6	19.2#	18.5	79	***	***	***
Services	31	1014.5	26.7#	23.0	21.0#	15.6	64	***	***	***
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Press releases	Day	Mean Pressure	Absolute	Mean	Absolute	Dew	Relative	Total Rainfall	Wind	Wind
Weather Note (Chinese)	Day	(hPa)	Daily Max	(deg.	Daily Min	Point (deg. C)	Humidity (%)	(mm)	Direction (degrees)	Speed (km/h)
Today's Weather			(deg. C)	(C)	(deg. C)	(ucg. c)	(70)		(degrees)	(KIII/II)
Warnings	01	***	25.4	20.7	17.2	***	***	0.0	070	8.1
Local Weather	02	***	26.0	21.4	18.8	***	***	0.0	070	9.0
Observations	03	***	22.4#	21.2	20.4#	***	***	0.0	070	6.0
Weather Forecast	04	***	24.0#	22.4	20.9#	***	***	1.5	050	4.9
Weather Monitoring	05	***	30.0#	24.3	21.9#	***	***	0.0	060	3.8
Imagery	06	***	21.9#	18.8	17.4#	***	***	0.0	090	19.9
Computer Forecast	07	***	21.4	18.8	16.9	***	***	0.0	090	13.3
Products	08	***	19.1#	12.9	11.1#	***	***	13.0	030	19.7
MyObservatory	09	***	19.4#	14.1	8.5#	***	***	0.0	040	12.5
Met on Map	10	***	21.6	16.0	11.9	***	***	0.0	050	12.1
Tropical Cyclones	11	***	23.1#	17.5	13.7#	***	***	0.0	090	14.6
Aviation Weather	12	***	24.9#	19.0	14.8#	***	***	0.0	060	8.0
Services	13	***	25.8#	20.1	16.0#	***	***	0.0	070	6.1
Marine Meteorological	14	***	20.6#	19.3	18.0#	***	***	3.0	060	8.4
Services	15	***	25.4#	21.2	18.8#	***	***	0.0	050	3.7
Weather Information for	16	***	27.3#	22.1	19.0#	***	***	0.0	130	4.5
Sports	17	***	20.8#	18.9	18.1#	***	***	0.0	080	22.6
Weather Information for	18	***	24.9#	20.4	18.4#	***	***	0.0	060	10.7
Communities	19	***	25.7#	22.0	19.7#	***	***	0.0	060	4.0
China Weather	20	***	23.9	19.8	14.7	***	***	1.0	040	15.5
World Weather	21	***	22.7	17.7	12.6	***	***	0.0	030	16.0
Climatological Information	22	***	24.1#	18.5	14.2#	***	***	0.0	130	8.6
Services	23	***	24.5#	19.4	15.4#	***	***	0.0	070	9.8
> Climate Watch	24	***	23.5#	19.9	17.8#	***	***	0.0	040	11.5
> Climate Statistics	25	***	24.3#	20.9	18.6#	***	***	0.5	050	14.6
> Climate Prediction	26	***	28.7#	22.0	18.6#	***	***	0.0	140	4.8
> Climate Knowledge	27	***	27.6	22.2	19.3	***	***	0.0	090	6.9
> Need More	28	***	26.3#	21.8	19.5#	***	***	0.0	050	8.8
Information?	29	***	27.1#	21.9	18.9#	***	***	0.0	080	9.9
> Global Climate	30	***	28.2#	22.8	19.6#	***	***	0.0	040	9.2
Services	31	***	28.5#	22.9	19.6#	***	***	0.0	050	12.1

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		1	Гетрега	ture					
Day	Mean Pressure (hPa)	Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)	Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Total Rainfall (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
01	1014.2#	23.9#	20.8#	19.6#	18.7#	88#	***	***	***
02	***	***	***	***	***	***	***	***	***
03	1012.2#	28.0#	24.8#	21.8#	18.9#	70#	***	***	***
04	1011.7	27.1#	23.5	20.2#	19.7	80	***	***	***
05	1010.6	28.5#	23.7	20.0#	19.4	78	***	***	***
06	1014.6	27.8	21.4	16.9	15.3	69	***	***	***
07	1023.1	19.6#	17.6	15.9#	4.4	42	***	***	***
08	1019.8	22.6	18.4	12.8	9.1	56	***	***	***
09	1016.6	24.2	20.4	15.8	16.2	78	***	***	***
10	1013.6	27.0	22.7	19.2	19.3	82	***	***	***
11	1011.3	25.9#	23.4	21.1#	21.2	88	***	***	***
12	1009.9	28.3#	25.1	22.6#	21.9	83	***	***	***
13	1010.6	29.4	25.7	24.2	22.7	84	***	***	***
14	1010.1	30.8#	26.4	23.9#	22.9	82	***	***	***
15	1013.5	25.2#	20.0	17.0#	17.7	87	***	***	***
16	1016.1	17.2#	16.3	15.5#	15.4	95	***	***	***
17	1016.4	21.7	18.6	15.4	16.5	88	***	***	***
18	1014.8	23.6	21.6	20.4	17.9	80	***	***	***
19	1013.7	24.4	22.0	19.4	18.1	79	***	***	***
20	1013.2	24.6	22.7	21.8	19.9	84	***	***	***
21	1012.1	26.3	23.6	22.6	21.0	85	***	***	***
22	1010.2	27.3#	24.4	23.1#	22.3	88	***	***	***
23	1008.0	29.8	25.9	23.3	22.3	81	***	***	***
24	1008.9	25.9	24.3	22.4	22.3	89	***	***	***
25	1011.4	23.2#	22.6	21.5#	19.4	82	***	***	***
26	1012.6	23.7#	22.8	21.9#	20.5	87	***	***	***
27	1014.3#	26.4#	24.7#	23.9#	21.7#	83#	***	***	***
28	1014.1	25.2	24.0	23.1	21.3	85	***	***	***
29	1012.3	27.6	24.8	23.3	21.9	84	***	***	***
30	1011.8	28.2	25.5	23.8	23.3	88	***	***	***

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Visitors Figures			Air '	Tempera	ture	Mean	Mean		Prevailing	Mean
Press releases	Day	Mean Pressure	Absolute	Mean	Absolute	Dew	Relative	Total Rainfall	Wind	Wind
Weather Note (Chinese)	Day	(hPa)	Daily Max	(deg.	Daily Min	Point (deg. C)	Humidity (%)	(mm)	Direction (degrees)	Speed (km/h)
Today's Weather			(deg. C)	(C)	(deg. C)	(ueg. c)	(70)		(degrees)	(1011/11)
Warnings	01	***	28.3#	22.9	19.5#	***	***	0.0	060	9.7
Local Weather	02	***	29.4#	23.7	20.2#	***	***	0.0	130	4.2
Observations	03	***	29.6	23.8	19.8	***	***	0.0	150	5.0
Weather Forecast	04	***	29.8#	24.2	20.9#	***	***	0.0	150	6.0
Weather Monitoring	05	***	30.5	24.4	21.2	***	***	0.0	140	5.8
Imagery	06	***	29.4	21.3	15.9	***	***	0.0	040	15.3
Computer Forecast	07	***	19.5#	16.9	14.2#	***	***	0.0	040	28.8
Products	08	***	25.3	19.8	14.6	***	***	0.0	150	9.5
MyObservatory	09	***	26.3	21.3	16.5	***	***	0.0	060	7.4
Met on Map	10	***	29.3	23.4	19.8	***	***	0.0	070	6.4
Tropical Cyclones	11	***	27.5#	24.0	21.4#	***	***	0.0	060	5.1
Aviation Weather	12	***	28.8#	25.2	22.5#	***	***	0.0	150	5.0
Services	13	***	29.1	25.8	23.6	***	***	0.0	140	7.4
Marine Meteorological	14	***	30.8	26.3	23.4	***	***	0.0	060	5.0
Services	15	***	25.2	20.2	16.6	***	***	20.5	050	12.5
Weather Information for	16	***	18.2	16.7	15.5	***	***	7.0	050	7.4
Sports	17	***	23.5	18.9	15.4	***	***	1.5	140	6.2
Weather Information for	18	***	25.1#	21.7	20.2#	***	***	0.0	050	9.7
Communities	19	***	27.0	22.7	19.8	***	***	0.0	050	10.9
China Weather	20	***	27.1#	22.6	21.1#	***	***	0.0	080	16.0
World Weather	21	***	27.6	23.8	22.1	***	***	0.0	070	15.3
Climatological Information	22	***	28.7#	24.6	22.8#	***	***	0.0	060	10.1
Services	23	***	32.0	26.6	23.3	***	***	0.0	150	5.8
> Climate Watch	24	***	27.2#	24.5	23.1#	***	***	2.5	040	5.4
> Climate Statistics	25	***	23.5#	22.7	22.0#	***	***	0.0	050	10.2
> Climate Prediction	26	***	24.7#	22.4	21.5#	***	***	1.0	080	12.1
> Climate Knowledge	27	***	27.3#	24.1	21.8#	***	***	0.0	060	6.2
> Need More	28	***	25.6#	23.8	22.7#	***	***	0.0	080	14.0
Information?	29	***	29.9#	25.1	22.8#	***	***	0.0	070	11.0
> Global Climate	30	***	30.4#	25.8	23.3#	***	***	0.0	060	7.6
Services		•		-		-	*	9	*	•

*** unavailable

data incomplete

Rainfall measured in increment of 0.5 mm. Amount of < 0.5 mm cannot be detected

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Last revision date: <17 May 2017>

> Other Useful Links

Climate Forecast

Climate Change

El Nino and La Nina

Earthquakes and

Tsunamis

Astronomy, Space

Weather and Geomagnetism

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

Location: M2 (West Tai Wo - Free Field)

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

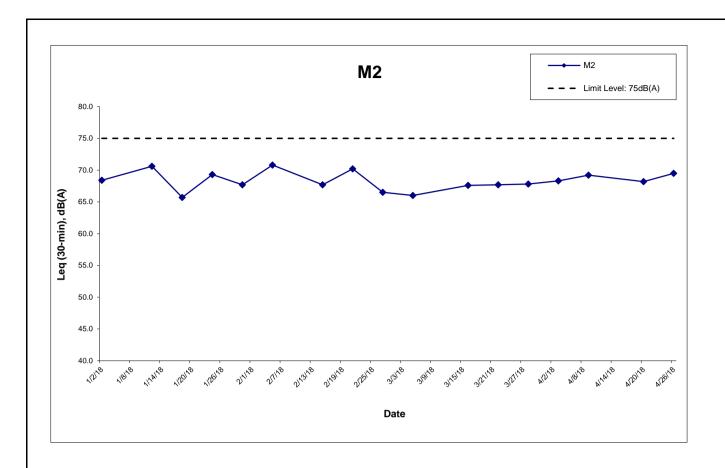
	Mea	sured Noise Le	vel for 30-min, d	B(A)	Limit Level,	Exceedance
Date	Start Time	Leq*	L10*	L90*	dB(A)	(Y/N)
2-Jan-18	10:30	68.4	70.0	66.5	75	N
12-Jan-18	10:20	70.6	73.6	67.2	75	N
18-Jan-18	11:20	65.7	66.4	64.3	75	N
24-Jan-18	14:10	69.3	71.8	67.0	75	N
30-Jan-18	13:20	67.7	69.0	63.5	75	N
5-Feb-18	13:35	70.8	72.3	68.7	75	N
15-Feb-18	13:30	67.7	69.5	65.5	75	N
21-Feb-18	14:10	70.2	73.9	66.2	75	N
27-Feb-18	14:30	66.5	68.0	64.5	75	N
5-Mar-18	14:00	66.0	68.0	64.0	75	N
16-Mar-18	11:30	67.6	69.2	65.3	75	N
22-Mar-18	14:00	67.7	69.0	65.0	75	N
28-Mar-18	15:35	67.8	69.5	65.2	75	N
3-Apr-18	9:53	68.3	69.8	66.2	75	N
9-Apr-18	15:00	69.2	71.1	66.3	75	N
20-Apr-18	10:15	68.2	70.5	65.6	75	N
26-Apr-18	10:15	69.5	71.1	67.2	75	N
Minimum for Fe	b 18 to Apr 18	66.0	68.0	64.0		
Maximum for Fe	eb 18 to Apr 18	70.8	73.9	68.7		
Average for Fe	b 18 to Apr 18	68.5	70.5	66.0		

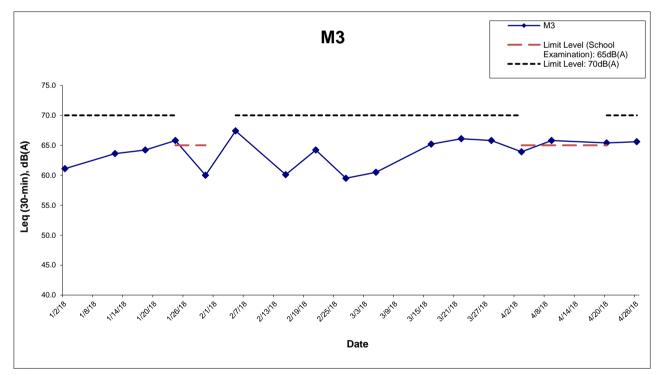
Location: M3 (Fanling Government Secondary School- Façade)

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

	Mea	sured Noise Le	vel for 30-min, d	B(A)	Limit Level,	Exceedance
Date	Start Time	Leq	L10	L90	dB(A)^	(Y/N)
2-Jan-18	10:00	61.1	62.0	56.6	70	N
12-Jan-18	9:30	63.6	66.7	60.6	70	N
18-Jan-18	10:45	64.2	65.5	63.8	70	N
24-Jan-18	13:15	65.8	67.7	63.6	70	N
30-Jan-18	13:00	60.0	61.0	57.0	65	N
5-Feb-18	14:40	67.4	69.5	65.7	70	N
15-Feb-18	13:05	60.1	61.0	57.5	70	N
21-Feb-18	15:09	64.2	67.5	60.2	70	N
27-Feb-18	13:30	59.5	60.5	57.0	70	N
5-Mar-18	13:00	60.5	61.5	58.0	70	N
16-Mar-18	10:27	65.2	67.0	63.1	70	N
22-Mar-18	13:00	66.1	61.5	57.5	70	N
28-Mar-18	14:40	65.8	67.7	63.2	70	N
3-Apr-18	9:40	63.9	65.6	62.1	70	N
9-Apr-18	13:37	65.8	67.3	62.9	65	Y
20-Apr-18	9:30	65.4	67.3	62.7	70	N
26-Apr-18	10:30	65.6	67.3	61.5	70	N
Minimum for Fe	b 18 to Apr 18	59.5	60.5	57.0		
Maximum for Fe	eb 18 to Apr 18	67.4	69.5	65.7		
Average for Fel	b 18 to Apr 18	64.7	66.2	61.8]	

^{* +3}dB(A) Façade effect correction included
^ Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination
period. Examination period of Fanling Government Secondary School (M3) in this reporting period is 3 - 17, 26 31 January 2018. Hong Kong Diploma of Secondary Education Examination (HKDSE) was held on 9 April 2018 at Fanling Government Secondary School (M3).





Remark:

^ Limit Level of 700B(A) applies to education institutes while obdB(A) applies during school examination period. Examination period of Fanling Government Secondary School (M3) in this reporting period is 3 - 17, 26 - 31 January 2018. Hong Kong Diploma of Secondary Education Examination (HKDSE) was held on 9 April 2018 at Fanling Government Secondary School

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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: May-18 Appendix G

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

Appendix H Statistics on Complaints, Notifications of Summons and Successful Prosecutions

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

	Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
Environmental	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		
complaints	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	1	8

	Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
		EPD referred an air complaint on 24 October 2014.			
		A resident complained against the excavation works of Tai Wo			
	00 0 atalaa	Service Road West between Nam Wah Po & Tai Hang Tsuen, which			
	23 October 2014	have piled up high stockpiles, causing serious dust nuisance to his house.	Closed		
		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.			
		EPD referred a water complaint on 31 December 2014.			
	31	The complainant complained about the muddy river outside Tai Hang			
	December	Village Office on 29 December 2014. It was suspected that the muddy	Closed		
	2014	water was discharged from the construction works of the Project.			
		He required the EPD to follow up.			
		EPD referred a water complaint on 25 March 2015.			
		The complainant complained about the generation of the smell of			
	25 March	gasoline from the Widening of Fanling Highway construction site on			
	2015	Tai Wo Service Road West, causing serious nuisance to nearby	Closed		
		houses.			
		The situation has continued for a few weeks and she asked the EPD			
		to follow up as soon as possible.			

Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
5 January 2017 (Referred by the Contractor on 13 January 2017)	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. 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. 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.	Closed		
22 May 2017 (Referred by the Contractor on 23 May 2017)	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. 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). The complainant concerned about if any Construction Noise Permit is issued by the Environmental Protection Department.	Closed		

	Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
	25 February 2018 (Referred by the Contractor on 1 March 2018)	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. 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. The complainant concerned that the nuisance affects residence and asked for follow-up action from the related department.			
Notification of summons	-	-	-	0	0
Successful Prosecutions	-	-	-	0	0

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

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