

# **Environmental Protection Department**

Contract No. HY/2012/06

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

Annual EM&A Report for November 2018 to October 2019

[12/2019]

	Name	Signature
Prepared & Checked:	Alex Chan	Ale
Reviewed & Approved:	YW Fung	1/

Version:	Rev. 0	Date: 11 December 2	019

# Disclaimer

This report is prepared for Environmental Protection Department and is given for its sole benefit in relation to and pursuant to Contract No. HY/2012/06 and may not be disclosed to, quoted to or relied upon by any person other than Environmental Protection Department without our prior written consent. No person (other than Environmental Protection Department) into whose possession a copy of this report comes may rely on this report without our express written consent and Environmental Protection Department may not rely on it for any purpose other than as described above.

AECOM Asia Co. Ltd.

15/F, Grand Central Plaza, Tower 1, 138 Shatin Rural Committee Road, Shatin, NT, Hong Kong Tel: (852) 3922 9000 Fax: (852) 2317 7609 www.aecom.com



Hyder-Arup-Black & Veatch Joint Venture c/o Arcadis 17/F, Two Harbour Square, 180 Wai Yip Street, Kwun Tong, Hong Kong Attn: Mr. James Penny

#### Your Reference

Our Reference AFK/EC/ST/cy/T329380/2 2.05/L-0295

3/F International Trade Tower 348 Kwun Tong Road Kowloon Hong Kong

T +852 2828 5757 F +852 2827 1823 mottmac.hk Environmental Monitoring and Audit (EM&A) for Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling Stage 2 (between Tai Hang to Wo Hop Shek Interchange) Environmental Permit No. EP-324/2008/E Condition 3.3 – Submission of Annual EM&A Report for November 2018 to October 2019 for the portion of Stage 2 works under Contract No. HY/2012/06

9 December 2019 By Fax (2805 5028) & Hand

We refer to the Annual EM&A Report for November 2018 to October 2019 received on 29 November 2019 submitted by the Environmental Team via email. We confirm that 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)

Z. ..

TAE	BLE O	F CO	NTENTS	_
	-011 <del>T</del> 1	VE 0	LIMMAADV	Page
1			UMMARY ICTION	2 4
'	1.1		ect Organization and Contacts of Key Management	4
	1.2 1.3	Prog	gramme nmary of Construction Works	5 5
2	ENV	IRON	IMENTAL MONITORING AND AUDIT REQUIREMENTS	6
	2.1 2.2 2.3 2.4 2.5	Mon Envi Envi	nitoring Parameters itoring Locations ironmental Quality Performance Limits (Action/Limit Levels) ironmental Mitigation Measures ironmental Impact Hypotheses Tested	6 6 6 6
3	AIR	QUAL	LITY MONITORING	7
4	NOIS	SE MO	ONITORING	7
5	ADV	ICE C	ON THE SOLID AND LIQUID WASTE MANAGEMENT STATUS	8
6	SUM	IMAR	Y OF EXCEEDANCES OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMIT	9
7			Y OF COMPLAINTS, NOTIFICATIONS OF SUMMONS AND SUCCESSFUL UTIONS	9
8	REV	IEW (	OF THE VALIDITY OF THE EIA/ERR PREDICTIONS	9
9	REV	IEW (	OF THE EFFECTIVNESS AND EFFICIENCY OF MITIGATION MEASURES	10
10	REV	IEW (	OF SUCCESS OF EM&A PROGRAMME	10
11	COM	1MEN	ITS, RECOMMENDATIONS AND CONCLUSIONS	11
	11.1 11.2 11.3	R	Comments Recommendations Conclusions	11 12 12
List	of Ta	bles		
Tab Tab Tab	le 1.1 le 3.1 le 3.2 le 4.1 le 5.1	S S S	Contact Information of Key Personnel cummary of 1-hour TSP Monitoring Results in the Reporting Period cummary of 24-hour TSP Monitoring Results in the Reporting Period cummary of Construction Noise Monitoring Results in the Reporting Period cummary of Waste Flow Table for Contract No. HY/2012/06	
Fig	ures			
-	ıre 1.1 ıre 1.2		General Project Layout Plan of Contract No. HY/2012/06 General Project Layout Plan of Contract No. 02/HY/2015 (Works Order Nos. CB128520 and CB128519-0)	)-5
Figu	ıre 1.3	₿a-b	Locations of Monitoring Station	
List	of Ap	pend	dices	
App App App App App	endix endix endix endix endix endix endix	B C D E F	Project Organization Structure Construction Programme Implementation Schedule of Environmental Mitigation Measures (EMIS) Summary of Action and Limit Levels Impact Air Quality Monitoring Results and their Graphical Presentation Meteorological Data Impact Daytime Construction Noise Monitoring Results and their Graphical Presentation	n

Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Appendix H

### **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 Project is a designated project and governed by an Environmental Permit (EP-324/2008) issued by the EPD on 23 December 2008. Subsequently, the EPD issued Variation of Environmental Permits of EP-324/2008/A, EP-324/2008/B, EP-324/2008/C and EP-324/2008/D on 31 January 2012, 17 March 2014, 27 March 2015 and 27 August 2015 respectively. The current valid VEP was applied on 29 December 2016 and the VEP (EP-324/2008/E) was subsequently granted on 26 January 2017.

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

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

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

This report documents the findings of EM&A works conducted in the period between 1 November 2018 and 31 October 2019. As informed by the Contractor, construction activities of Contract No. HY/2012/06 in the reporting period were:

- Site clearance
- Ground investigation
- Pipe laying
- Retaining wall construction
- Noise barrier
- Excavation
- Backfilling
- Drainage
- Bridge construction
- Sign gantry installation
- Road pavement and resurfacing

- Pilina
- Demolition of temporary bridge
- Construction of hub room
- Landscape works

# **Reporting Change**

There was no reporting change required in the reporting period.

### **Breaches of Action and Limit Levels for Air Quality**

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

#### **Breaches of Action and Limit Levels for Noise**

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

One (1) Limit Level exceedance was recorded on 18 February 2019 for noise monitoring at M3 in the reporting period. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.

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

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

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

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

AECOM Asia Co. Ltd. 3 November 2019

# 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]	F	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
  - Bridge construction
  - Sign gantry installation
  - Road pavement and resurfacing
  - Piling
  - Demolition of temporary bridge
  - Construction of hub room
  - Landscape works
- 1.3.2 The general layout plan of the Project site of Contract No. HY/2012/06 and Works Order Nos. CB128520-5 and CB128519-0 under 02/HY/2015 showing the contract areas are shown in Figure 1.1 and Figure 1.2 respectively.
- 1.3.3 The environmental mitigation measures implementation schedule are presented in Appendix C.

# 2 ENVIRONMENTAL MONITORING AND AUDIT REQUIREMENTS

#### 2.1 Monitoring Parameters

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

# 2.2 Monitoring Locations

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

# 2.3 Environmental Quality Performance Limits (Action/Limit Levels)

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

# 2.4 Environmental Mitigation Measures

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

# 2.5 Environmental Impact Hypotheses Tested

- 2.5.1 The EIA Report concluded that with proper mitigation measures implemented, fugitive dust emission during the construction phase would be controlled and will not exceed the acceptable criteria.
- 2.5.2 For construction noise, exceedances were predicted only at 2 schools (SR41 Wong Shiu Chi Middle School and SR45 HK Teacher's Association Secondary School) but they are out of the scope of this EM&A Programme. Hence, the EIA did not anticipate any noise exceedances during the construction phase within the scope of this EM&A Programme.
- 2.5.3 The above criteria have been tested under this EM&A Programme during the reporting period.

AECOM Asia Co. Ltd. 6 November 2019

### 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 and cloudy, occasionally fine and rainy days in the reporting period. Weather information including the wind speed and wind direction is annexed in Appendix F. The information was obtained from the Hong Kong Observatory.
- 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)	64.0	31.3 – 76.8	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)	31.1	5.8 – 95.3	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 period.
- 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 <sub>eq (30 mins)</sub>	L <sub>eq (30 mins)</sub>	L <sub>eq (30 mins)</sub>
M2*	67.7	53.4 – 70.6	75
M3#	63.8	53.8 - 69.2	65/70

<sup>\*+3</sup>dB(A) Façade correction included

<sup>#</sup> Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.

- 4.1.3 The major noise sources during the noise monitoring included nearby road traffic noise.
- 4.1.4 No Action Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 1900 hours on normal weekdays was received and followed by the Environmental Team in the reporting period.
- 4.1.5 One (1) Limit Level exceedance was recorded on 18 February 2019 for noise monitoring at M3 in the reporting period. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.
- 4.1.6 One (1) Limit Level exceedance was recorded on 20 June 2019 for noise monitoring at M3 in the previous reporting month. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.
- 4.1.7 The graphical plots of the trends of the monitoring results are provided in Appendix G.

# 5 ADVICE ON THE SOLID AND LIQUID WASTE MANAGEMENT STATUS

- 5.1.1 As advised by the Contractor of Contract No. HY/2012/06, 28,006 m³ of inert C&D material was generated in the reporting month (5,058 m³ disposed of as public fill to Tuen Mun 38, 14,115 m³ of inert C&D materials was reused on site, 8,214 m³ of inert C&D materials was reused in other projects and 619 m³ was broken concrete). For C&D wastes, 1,305 m³ of general refuse was disposed of at NENT landfill, 1,030 kg of paper/cardboard packaging, 7,277 kg of plastics and 43,542 kg of metals were collected by recycling Contractors, and 0 kg of chemical wastes was 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 period are summarized in Table 5.1.

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

Waste Type	Actual Amount	Disposal/Reuse Locations
Inert C&D materials disposed of as public fill	5,058 m <sup>3</sup>	Tuen Mun 38
Broken concrete	619 m <sup>3</sup>	Tuen Mun 38
C&D wastes disposed as general refuse	1,305 m <sup>3</sup>	NENT Landfill
Paper/cardboard packaging	1,030 kg	Recycling Contractors
Plastics	7,277 kg	Recycling Contractors
Metals	43,542 kg	Recycling Contractors
C&D materials reused on site	14,115 m <sup>3</sup>	Site Area
C&D materials reused in other projects	8,214 m³	Other projects
Chemical wastes	0kg	Licensed Contractors

# 6 SUMMARY OF EXCEEDANCES OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMIT

- 6.1.1 All 1-hour and 24-hour TSP monitoring results complied with the Action / Limit Levels in the reporting period.
- 6.1.2 No Action Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 1900 hours on normal weekdays was received and followed by the Environmental Team in the reporting period.
- 6.1.3 One (1) Limit Level exceedance was recorded on 18 February 2019 for noise monitoring at M3 in the reporting period. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.
- 6.1.4 One (1) Limit Level exceedance was recorded on 20 June 2019 for noise monitoring at M3 in the previous reporting month. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.

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

- 7.1.1 One (1) noise-related complaint was received on 28 October 2019. The complainant was regarded to the use of powered mechanical equipment not in accordance with the conditions stipulated in the Construction Noise Permit (CNP) GW-RN0602-19 in Pak Wo Road near Fanling Highway on 24 September 2019. The complaint was considered non-project related.
- 7.1.2 No notification of summons or successful prosecution was received in the reporting period.
- 7.1.3 The statistics on complaints, notifications of summons and successful prosecutions are summarized in Appendix H.
- 7.1.4 A 24-hour complaint hotline at 6628 8366 has been established for the Project. The hotline number is displayed at the site entrances, fencings and project signboards, as well as printed on publications such as newsletters for the public.

# 8 REVIEW OF THE VALIDITY OF THE EIA/ERR PREDICTIONS

- 8.1.1 All the air quality monitoring results in the reporting period were below the Action and Limit Levels. The result was in line with the Environmental Impact Assessment (EIA) and Environmental Review Report (ERR) prediction that dust generation would be controlled and would not exceed the acceptable criteria, with proper implementation of the recommended dust mitigation measures.
- 8.1.2 Most of the noise monitoring results in the reporting period were below the Action and Limit Levels. The result was in line with the Environmental Impact Assessment (EIA) and Environmental Review Report (ERR) prediction that with the implementation of noise mitigation measures, the construction noise from the Project works will meet the stipulated criterion at the residential NSRs and at a majority of the education institutions.
- 8.1.3 One (1) Limit Level exceedance was recorded on 18 February 2019 for noise monitoring at M3 in the reporting period. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.

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

# 9 REVIEW OF THE EFFECTIVNESS AND EFFICIENCY OF MITIGATION MEASURES

- 9.1.1 The impact air quality and noise monitoring programme ensured that any environmental impacts to the receivers would be readily detected and timely actions could be taken to rectify any non-compliance. The environmental monitoring results indicated that the construction activities in general were in compliance with the relevant environmental requirements and were environmentally acceptable. The weekly site inspections ensured that all the environmental mitigation measures recommended in the EIA/ERR were effectively implemented. Despite the minor deficiencies found during site audits, the Contractor has taken appropriate actions to rectify deficiencies within a reasonable timeframe. Therefore, the effectiveness and efficiency of the mitigation measures were considered high in most of the time.
- 9.1.2 For all the parameters under monitoring as mentioned in Section 8, the measured levels were in line with the EIA and ERR predictions generally. This indicates that the mitigation measures were effectively and efficiently implemented.

#### 10 REVIEW OF SUCCESS OF EM&A PROGRAMME

- 10.1.1 The environmental monitoring methodology was considered well established as the monitoring results were found in line with the EIA predictions.
- 10.1.2 As effective follow-up actions were promptly taken once exceedances were recorded, no further exceedance occurred. The EM&A programme was considered successfully and adequately conducted during the course of the reporting period.

# 11 COMMENTS, RECOMMENDATIONS AND CONCLUSIONS

#### 11.1 Comments

11.1.1 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

- 11.1.2 The Contractor was advised to cover the dry exposed stockpile and exposed stockpile of more than 20 bags of cement entirely with impervious sheeting for dust suppression.
- 11.1.3 The Contractor was advised to spray the dry exposed area with water regularly for dust suppression.
- 11.1.4 The Contractor was advised to clear the dusty materials at the site entrance and ensure all vehicle are properly wheel-washed before leaving the site.
- 11.1.5 The Contractor was advised to keep the site entrance clear of dusty materials and provide perimeter channel at the site boundary to collect surface runoff from the site effectively.
- 11.1.6 The Contractor was advised to ensure valid NRMM labels are affixed to all equipment.
- 11.1.7 The Contractor was advised to implement water spraying on the haul road frequently for dust suppression.
- 11.1.8 The Contractor was advised to implement water spraying during dusty work.
- 11.1.9 The Contactor was advised to remove the soil spread on access road.

# **Construction Noise Impact**

11.1.10 Nil.

# Water Quality Impact

- 11.1.11 The Contractor was advised to remove the stagnant water and ensure the perimeter channel collects the surface runoff from the site effectively without overflow and keep the site entrance clear of dusty materials.
- 11.1.12 The Contractor was advised to remove the muddy water and ensure surface runoff is trapped effectively along the site boundary.
- 11.1.13 The Contractor was advised to clear the muddy water outside the site boundary and ensure sufficient measures are implemented to prevent surface runoff spilling out of the site area.
- 11.1.14 The Contractor was advised to provide bunding to intercept surface runoff from the exposed earth to prevent leaking out of the site boundary.
- 11.1.15 The Contractor was advised to provide a blockage on the boundary of stockpile near to river to prevent the silt enter the river.

# Chemical and Waste Management

- 11.1.16 The Contractor was advised to provide drip tray for the chemical container to prevent potential leakage.
- 11.1.17 The Contractor was advised to dispose of the general refuse off site regularly to keep the site clean and tidy.
- 11.1.18 The Contractor was advised to remove the retained water in the drip tray to prevent overflow.
- 11.1.19 The Contractor was advised to remove the empty chemical container and dispose of as chemical waste if it is contaminated.
- 11.1.20 The Contractor was advised to segregate general refuse from construction wastes and dispose of separately.
- 11.1.21 The Contractor was reminded to provide an entire surrounding for the construction material storage area on site.
- 11.1.22 The Contractor was advised to sort the construction waste on site and store in a proper area.

# Landscape and Visual Impact

11.1.23 Nil.

#### Miscellaneous

11.1.24 The Contractor was advised to remove the stagnant water or apply larvicidal oil to prevent mosquito breeding.

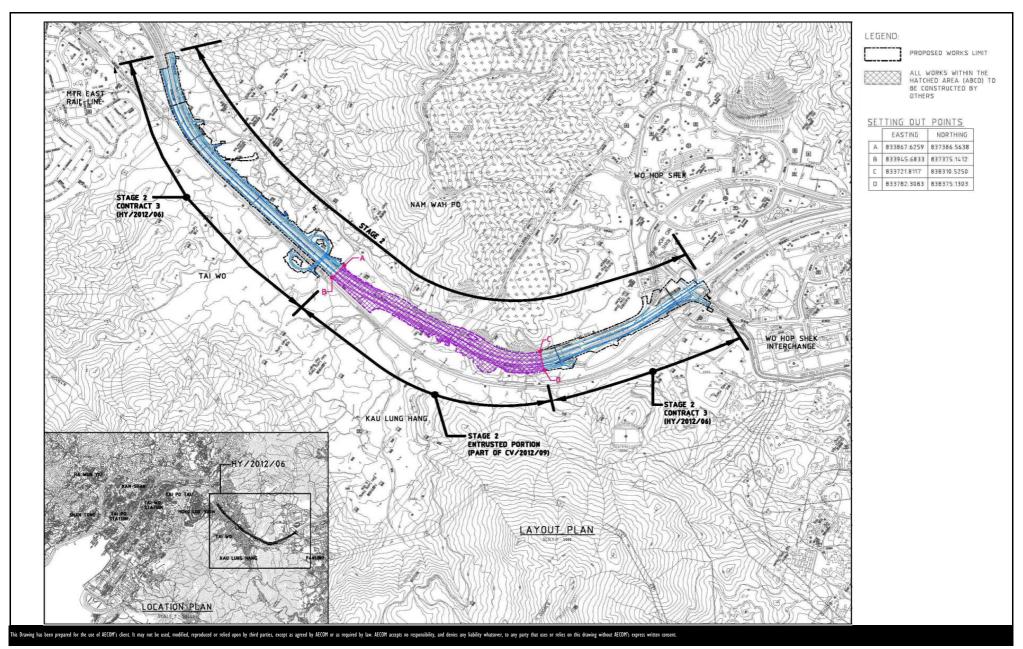
#### 11.2 Recommendations

- 11.2.1 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.
- 11.2.2 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.

# 11.3 Conclusions

- 11.3.1 All 1-hour and 24-hour TSP monitoring results complied with the Action / Limit Levels in the reporting period.
- 11.3.2 No Action Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 1900 hours on normal weekdays was received and followed by the Environmental Team in the reporting period.
- 11.3.3 One (1) Limit Level exceedance was recorded on 18 February 2019 for noise monitoring at M3 in the reporting period. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.
- 11.3.4 One (1) Limit Level exceedance was recorded on 20 June 2019 for noise monitoring at M3 in the previous reporting month. The exceedance at M3 is considered to be contributed from background noise, possibly traffic noise from Pak Wo Road and Fanling Highway. The exceedance was considered non-project-related.
- 11.3.5 No notification of summons and successful prosecution was received in the reporting period.

**FIGURES** 



CONTRACT NO. HY/2012/06

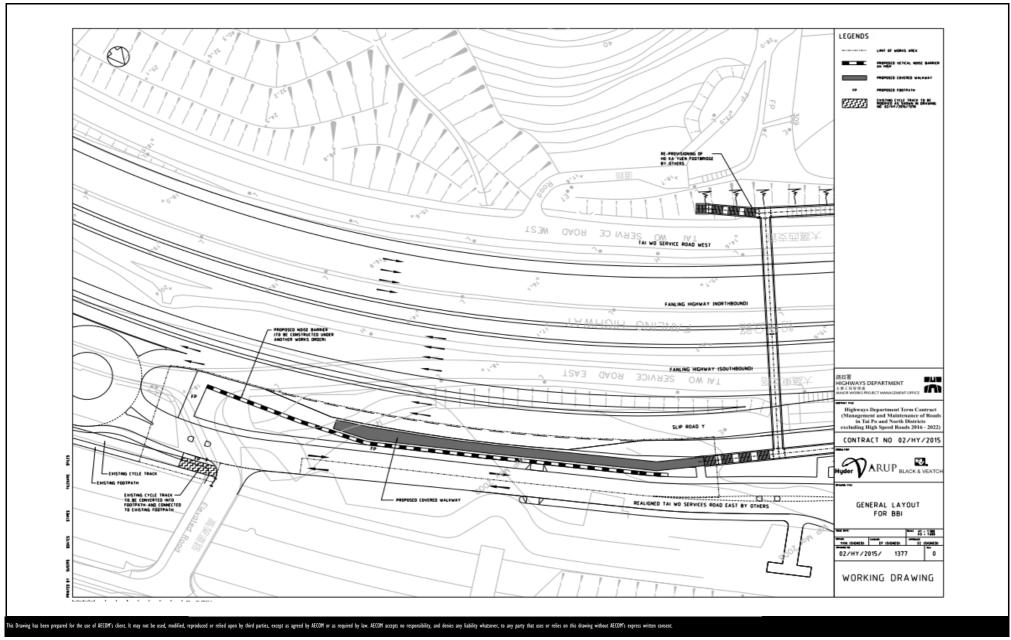
WIDENING OF FANLING HIGHWAY

- TAI HANG TO WO HOP SHEK INTERCHANGE

**AECOM** 

Layout Plan

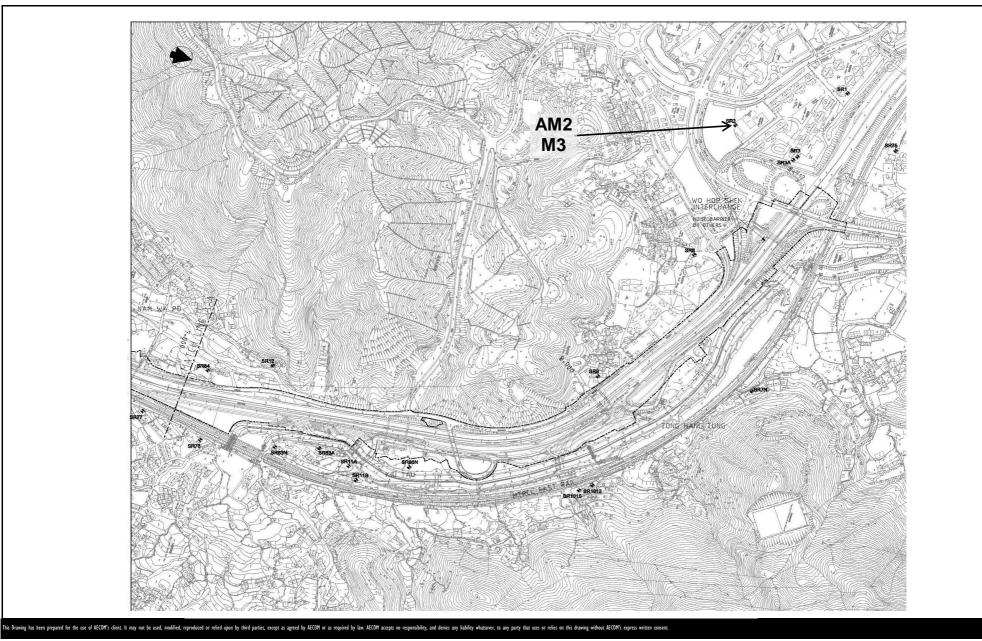
Date: Dec 2013 Figure 1.1



CONTRACT NO. 02/HY/2015

PROVISION OF BUS-BUS INTERCHANGE ON FANLING HIGHWAY KOWLOON BOUND



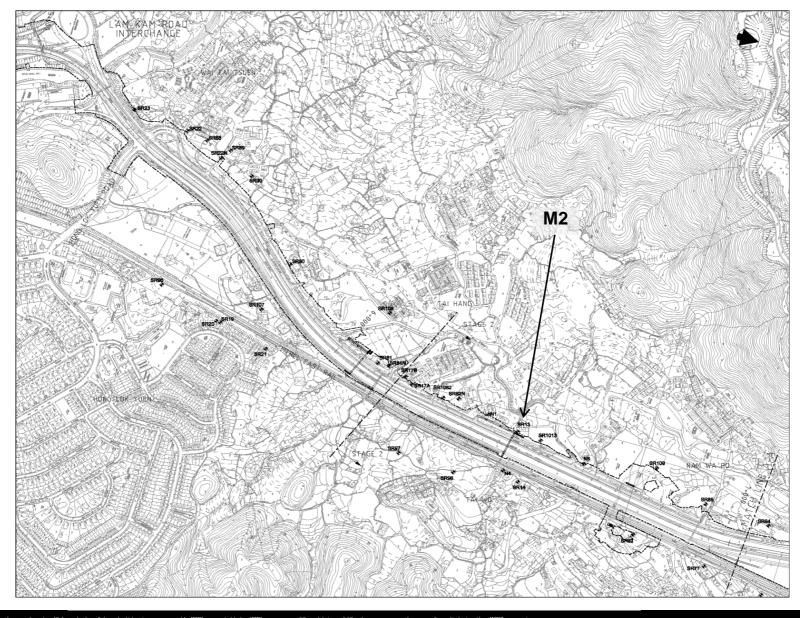


CONTRACT NO. HY/2012/06
WIDENING OF FANLING HIGHWAY

- TAI HANG TO WO HOP SHEK INTERCHANGE



Date: Dec 2013 Figure 1.3a



This Drawing has been prepared for the use of AECOM's circuit. It may not be used, modified, reproduced or relied upon by third parsies, except as agreed by AECOM or as required by law. AECOM excepts no responsibility, and denies any liability whatsover, to any party that uses or relies on this drawing without AECOM's express written consont.

WIDENING OF FANLING HIGHWAY

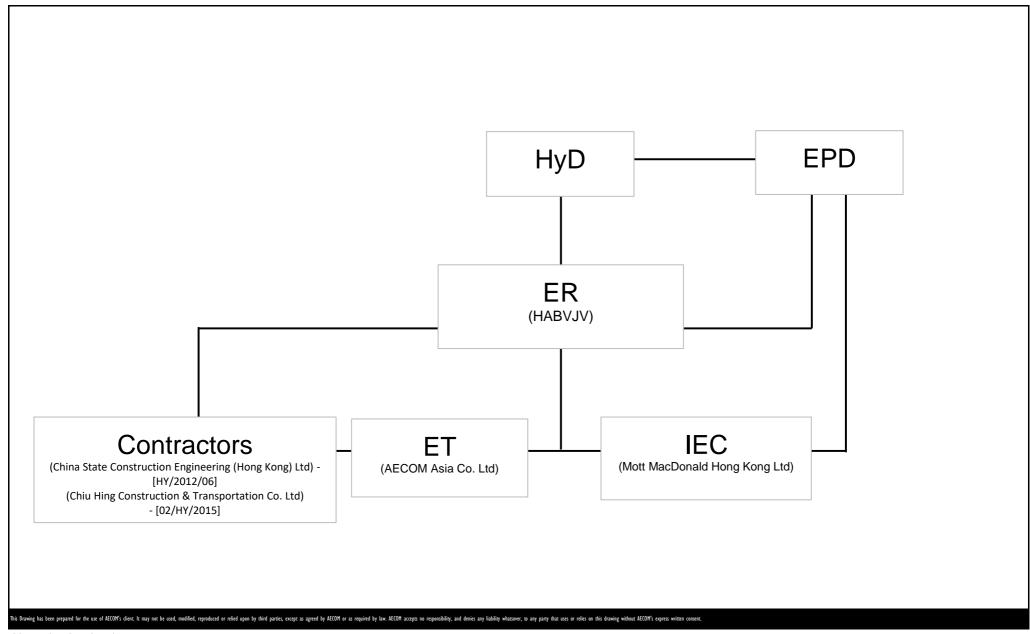
CONTRACT NO. HY/2012/06

- 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

WP Rev 07						W	P rev 7													Page	e 1 of 48 (3-Dec-	18
Activity ID	Activity Name		Original Duration		Finish Late Start	Late Finish	Total Float			014	20	015		2016		2017		2018		2019	2020	
Contract C	Condition							JIAISI I	JF A J	INASO I	JIF A I	IN SENT	J =	A JIJAS		IA INNAS	N JF	IN INIMS	IDI	IF IN INITIAS I	NIE IN INITIALS	3
Contract C General	onartion																		+			+
Contract Co	ndition														i !				+			÷
Contract C																						İ
COM.100	Date of Commencement of	of the Works	0	18-Jul-13 A				◆ Date of	Commence	ment of the	Works											
COM.110	Date of Completion of the	Works	0		24-Sep-20	08-Jul-20	-78										:				24-Sep-20	•
KD01		pject to Excision comprises all works(excl.	0		30-May-19*	30-May-19	0	1	·	1	1	1					:		3 <b>0</b> -Ma	ay-19* ♦ KD-1(1948	d)- Section Subje	∍ct
KD02	KD-2(1948d)- Comprise a	ablishment Works in Zone 1 II Works (excluding Lanscape works) in	0		25-Sep-19*	26-Jun-19	-91	<del> </del>		<del></del>	·						; :	<del></del>		25-Sep-19* ♦ KD	-2(1948d)- Comp	ris
KD03a		A, SA323A, SA323B & SA324A s all works in SA322A (Area: Resite Houses)	0		17-Jan-15 A			<del> </del>	1	7-Jan-15 A	◆ KD-3a (	270d) - Coi	mprises	all works	h SA322A (	(Area: Resite	Houses)	+			·	+-
KD03b	KD-3b (630d) - Section St	ubject to Excision comprises all Works in	0		26-Aug-14 A			ł	26-Aug-14	A ◆ KD-3	b (630d) - S	ection Sub	iect to E	xcision co	mprises all	Works in SA	323A& SA	A323B (New N	MOLT L	_ocation)		
KD03c	SA323A & SA323B (New KD-3c (165d) - Comprises	MCLTLocation)	0		29-Dec-13 A			Dec-13 Δ	♦ KD-3c (16	1 1	'   '						<u> </u>					
						10.110	110						2-7/			ļļ.	<u>.</u>			20 Con 10* A KE	1/(1040d) Com	-
KD04	except Works included in	•	0		30-Sep-19*	10-Jun-19	-112	ļ		ļļ		ļ			¦ 	ļ 	: :			30-Sep+19* ♦ KD		
KD05	Softworks in Zone 1	ubject to Excision comprise Landscape	0		10-Jun-19*	10-Jun-19	0												10-Jı	un-19* 🔷 KD-5 (197	8d) - Section Sub	je
KD06	KD-6 (1978d) - Comprise: SA322A, SA323A, SA323	s Landscapes Softworks in Zone 2 excluding B & SA324A	0		25-Sep-19*	02-Aug-19	-54													25-Sep-19* ◆ KD-	6 (1978d) - Comr	ρri
KD07		s remainder of Landscaping Softworks	0		09-Jul-19*	09-Jul-19	0										:		09	9-Jul⊦19* ♦ KD+7 (19	78d) - Comprises	s r
KD08	KD-8 (2343d) - Section So Works in Zone 1	ubject to Excision comprises Establishment	0		09-Jun-20*	09-Jun-20	0								<del> </del>		<u> </u>	†		09	Jun-20* ♦ KD-8	3 (2
KD09	KD-9 (2343d) - Comprise:	s Establishment works in Zone 2 excluding	0		24-Sep-20*	08-Jul-20	-78														24-Sep-20* •	•
KD10	SA322A, SA323A, SA323 KD-10 (2343d) - Compris	B & SA324A es remainder of Establishment works	0		08-Jul-20*	08-Jul-20	0	<del> </del>		<del>  </del>	·							<del></del>			08-Jul-20* ♦ KD	) <u>.</u> 1÷0
KD11	KD-11(1061d)- S1:Achiev	ement: Kau Lung Hang Veh. Bridge &	0		08-Aug-16 A								08-Aug	-16 A ♦ K	D-11(1061	d)- S1 Achie	vement: K	au Lung Han	g Veh.	Bridge & Enable den	nolish KiuTai Brid	lge
KD12	Enable demolish KiuTai B	ridge & Nam Wah Po Footbridge vement Demolition of Nam Wa Po	0		25-Apr-17 A			<del> </del>		<del></del>	·	ļ			5-Apr-17 A	<b>♦</b> KD-12 (	1239d) - S	2 Achieveme	nt Dem	nolition of Nam Wa Po	a Footbridge	
KD13	Footbridge	ection of realigned Tai Wo Service Road	0		·			ļ		<del></del>	ļ	ļ				l	il			n of realigned Tai Wo		00
	West at interface between	Zone 2 & 3			16-Aug-17 A					ļļ	ļ	ļļ			16-Au	.[	i					j.
KD14	SBZ1 (expt. final pavement		0		20-Apr-18 A					ļļ		ļ								S4:Achievement: Rd		in
KD15	KD-15 (707d) - N1:Achiev	ement: Demolition of Ho Ka Yuen Footbridge	0		13-Oct-16 A					<u> </u>	l	11	1		:	1 1	:	1 1 1		Ka Yuen Footbridge		1
KD16	KD-16 (883d) - N2: Conne at interface between Zone	ection of realigned Tai Wo Service Road East : 3 & 4	0		17-Dec-15 A						17-	Dec-15A ◀	♦ KD-1	6 (883d) - I	N2: Connec	tion of reali	gned Tai W	o Service Ro	ad Eas	st at interface betwee	n Zone 3 & 4	
KD17	KD-17 (1097d) -N3: Comi Highway to Mini- roundab	ssion of Slip Road Y (Section bet. Fanling	0		03-Jul-16 A							0	)3-Jul-1	6A ♦ KD	17 (1097d	) -N3: Comis	sion of Slip	Road Y (Se	ction be	et. Fanling Highway	o Mini- roundabo	out
KD18	KD-18(1380d) -N4:Achiev	re: Eastern Rd widening works at Fanling all pavement and central divider)	0		15-Mar-18 A											15-N	/lar-18 A ◀	KD-18(1380	Ĵd) -N4	4:Achieve Eastern R	d widening works	a۱
KD19	KD-19 (1734d)- N5: Ache	ve: Rd widening & reconst. of Fanling	0		24-Nov-18*	08-Jan-19	45				<del> </del>						:	24-Nov-18*	· ∳ ΚΓ	D-19 (1734d)- N5: Ac	heive: Rd widenir	ng
KD20		nission Link Rd 2 & 4 by CV/2012/09 Acheivement: Whole length of Southern Vo Service Road West	0		03-Jan-17 A			<del> </del>		<del></del>	·			03+Jan-	7 A ♦ KD	-20 (1064d)	Stage 1:	Acheivement:	Whole	e length of Southern	Trunk Sewer(STS	ة) a
POSSA301	Trunk Sewer(STS) at Tai V Site Area SA301 (0d)	Vo Service Road West	0	12-Dec-13 A					Site Area S	SA301 (0d)							<u></u>					
POSSA302	Site Area SA302 (0d)		0	18-Jul-13 A				◆ Site Are	a SA302 (0d	d)	·				i    		; :				ļ	
POSSA310	Site Area SA 310 (395d)		0	16-Aug-14 A				ļ		Ĺl	ea SA 310	(395d)					<u> </u>					
	` ′							ļ		<u> </u>	.	1					<u> </u>					
POSSA320	Site Area SA320 (0d)		0	25-Aug-14 A						ļ	rea SA320					ļļ.	: 					4.
POSSA320A	Site Area SA320A (120d)		0	23-Apr-14 A					♦ Si	1	320A (120d	`ll			! !							
POSSA320B	Site Area SA320B (0d)		0	25-Nov-14 A						•	Site Area S	A320B (0d)	)									
POSSA321	Site Area SA321 (120d)		0	25-Nov-14 A						•	Site Area S	A321 (120d	d)									
POSSA322	Site Area SA322 (120d)		0	23-Apr-14 A					♦ Si	ite Area SA	322 (120d)						:					
POSSA322A	Site Area SA322A (180d)		0	09-Jan-15 A				1	1	1	Site Area	sA322A (	180d)				:					1
POSSA322B	Site Area SA322B (180d)		0	09-Jan-15 A				l			Site Are	SA322B (	180d)			·	i :	†			ļ	
POSSA323	Site Area SA323 (360d)		0	26-Sep-14 A						♦ Site	Area SA32	3 (360d)										-
POSSA323A	Site Area SA323A (360d)	(not required)	0	20-Nov-18	08-Jul-20		597	<del> </del>			·					<del> </del>			♦ Sit	te Area SA323A (360	d) (not required)	
POSSA323B	Site Area SA323B (360d)	. ,	0	26-Aug-14 A						♦ Site A	rea SA323	B (360d)										4.
POSSA324	Site Area SA324 (180d)		0	09-Jul-14 A				ļ		<u> </u>	SA324 (18	1					:					
	` ,								.]	<u> </u>	. 0, 1024 (10	,5u, 					<u>:</u>	ļļ.	-			
POSSA324A	Site Area SA324A (30d)		0	25-Sep-13 A				Site	Area SA32	#A (JUd)							1		$\perp$			<u> </u>
Remaining Le		Project File:WP Rev 07				Contrac	t No. F	IY/2012	/06								07	Date Re		n Checked	Approved	_
Actual Work	f Effort	Layout: WP rev 7			Widening of Fanl	ling Highway	- Tai H	lana to	Wo Hon	Shek I	ntercha	nge						Aug-17 WF				_
Remaining Wo		Data Date:20-Nov-18			<b>J</b> :			•	-			-						Mar-18 WF				_
♦ Milestone	-	Page 1 of 48				Works Prog	yr arrim	e - WP	Rev. /						The second		03-	Dec-18 WF	· Kev	<u>/ </u>		_
Crit. Milestone	à	1 ~		1												- The state of the	1 1					

WP Rev 07						WP	rev 7													Page 2 of	48 (3-Dec-18)
Activity ID	Activity Name	Original Duration	Start	Finish	Late Start	Late Finish	Total Float	12		2014	201	15	20	6	2017	20	)18		2019		2020
							Float	JIAIS	<u> </u>	A JJASO I	JF A J	JAS N	JIT A J	JASO I J	F A JJAS	VIJF A J	JAS [	DJF	A JIJIAS	DJF	A JJAS
POSSA325	Site Area SA325 (180d)	0	25-Aug-14 A								rea SA325 (*	j									
POSSA326	Site Area SA326 (180d)	0	25-Aug-14 A							◆ Site A	rea SA326 (*	180d)									
POSSA327	Site Area SA327 (180d)	0	20-Nov-18*		31-Dec-14		-1419											Site Are	ea SA327 (	180d)	
POSSA327A	Site Area SA327A (730d)	0	20-Nov-18*		18-Jul-15		-1221				1							Site Are	ea SA327A	(730d)	
POSSA328	Site Area SA328 (90d)	0	29-Aug-14 A							♦ Site A	rea SA328 (	90d)									
POSSA329	Site Area SA329 (90d)	0	08-Aug-14 A							◆ Site Ar	ea SA329 (9	0d)								}	
POSSA340	Site Area SA340 (0d)	0	18-Jul-14 A								a SA340 (0d)							<sub>r</sub>		<u> </u>	
POSSA340A	Site Area SA340A (0d)	0	29-Oct-13 A						♠ Site Δre	a SA340A (0d)		·					ļļ	<sub> </sub>			
	` ,									Area SA341 (90	) <del>4</del> /										
POSSA341	Site Area SA341 (90d)	0	09-Jan-14 A						lj												
POSSA342	Site Area SA342 (90d)	0	16-Jan-14 A						lj	e Area SA342 (9	<u>. [</u>										
POSSA342A	Site Area SA342A (90d)	0	16-Jan-14 A						♦ Site	e Area SA342A (	90d)										
POSSA343	Site Area SA343 (180d)	0	04-Mar-14 A						•	Site Area SA343	(180d)										
POSSA343A	Site Area SA343A (180d)	0	04-Mar-14 A						•	Site Area SA343	A (180d)										
POSSA344	Site Area SA344 (240d)	0	15-Jan-14 A						♦ Site	Area SA344 (2	40d)						<del></del>				
POSSA345	Site Area SA345 (0d)	0	20-Nov-18*		30-Nov-15		-1086				·							▶ Site Ar∉	ea SA345 (	(Dd)	
POSSA345A	Site Area SA345A (0d)	0	18-Jul-13 A					♦ Site	e Area SA34	15A (0d)							<del>  </del>			·	
POSSA346	Site Area SA346 (0d)	0	27-Nov-13 A						♦ Site Ar	rea SA346 (0d)								<sub></sub>			
Z1.1000	, ,			16-Sep-13 A				Α .			r to Commen	ce Work (S	ection Sub	ect to Excisio	on-424d)(\$A310)			<sub> </sub>			
	Instruction by The Engineer to Com Excision-424d)(SA310)	illience work (Section Subject to		10-0ер-13 А				\ \\	III GU GU GU	by The Enginee		CC VVOIR (C	Collott Gub	COLIG EXOISIC	JII 4240)(\$7.010)						
Contract Co	session Status																				
Contract C																		+			
POSSA320-10		0	25-Nov-14 A							•	SA320B/32	1									
POSSA320-11	0 SA320B/ID-1	0	09-Apr-14 A							▶ SA320B/ ID-1	·										
POSSA320-12	0 SA320B/322	0	09-Apr-14 A							▶ SA320B/322	li										
POSSA320-13	0 SA320B/322A	0	14-Jan-14 A						◆ SA	320B/322A								<sub>[</sub>   -		}	
POSSA320-14		0	26-Sep-14 A							◆ SA	320/323							<sub>[</sub>			
POSSA320-15		0	09-Jan-14 A							320/324							ļļ	<sub>I</sub>			
									J								ļļ			ļ	
POSSA320-16		0	23-Apr-14 A							♦ SA320/ID-2											
POSSA320-17		0	23-Apr-14 A							♦ SA320/325											
POSSA320-18	0 SA320/326	0	25-Aug-14 A							◆ \$A32	0/326										
POSSA320-19	0 SA320/327	0	18-Dec-13 A						◆ SA32	20/327											
POSSA320-20	0 SA320/328	0	04-Dec-13 A						◆ SA32	0/328											
POSSA320-21	0 SA320/ South bound	0	18-Jul-13 A					♦ SA	320/ South	bound											
POSSA340-10	0 SA340 HKY Bridge TWSR-W side	0	13-Aug-13 A					<b>♦</b> S	A340 HKY	Bridge TW\$R-W	side										
POSSA340-11	0 Site Area SA340 (0d)(except beside	es cycle track) 0	05-May-14 A							◆ Site Area SA	340 (0d)(exc	ept besides	cycle track	,			<del> </del>			·	
	0 SA322A/ 322B/Hse 115, 117	0	26-Sep-14 A							♦ SA	322A/ 322B/F	lse 115, 11	7				ļ	<sub></sub>			
																		<del>                                     </del>			
Site Office																		+			
General Preliminary																					
General																					
PR.1030	Mobilization	42	17-Nov-13 A	28-Dec-13 A					_												
PR.1040	Principal Office for the Engineer	138	18-Jul-13 A	31-Dec-13 A																	
PR.1050	Secondary Office for the Engineer	14	18-Jul-13 A	31-Jul-13 A				•			·										
	1							<u>;</u>	;	<u> </u>	1 1 1	i	<u> </u>	i	<u>, i i i</u>	i	, i		i	•	· i i
▼ Remaining Le	evel of Effort Project	File:WP Rev 07				Contract	No. H	Y/20	)12/06							Date		ision Ch	necked	Appr	roved
Actual Level	of Effort	: WP rev 7									-1			3		07-Nov-1					
Actual Work  Remaining Wo	ork			Wideni	ng of Fanlii	ng Highway -	ı aı Ha	ang	to Wo F	10p Snek li	nterchan	ge			" "	17-Aug-1 29-Mar-1					
Critical Remai	ining Work Data D	ate:20-Nov-18				<b>Works Progr</b>	ramme	- W	/P Rev.	7						03-Dec-1					

Milestone

Crit. Milestone

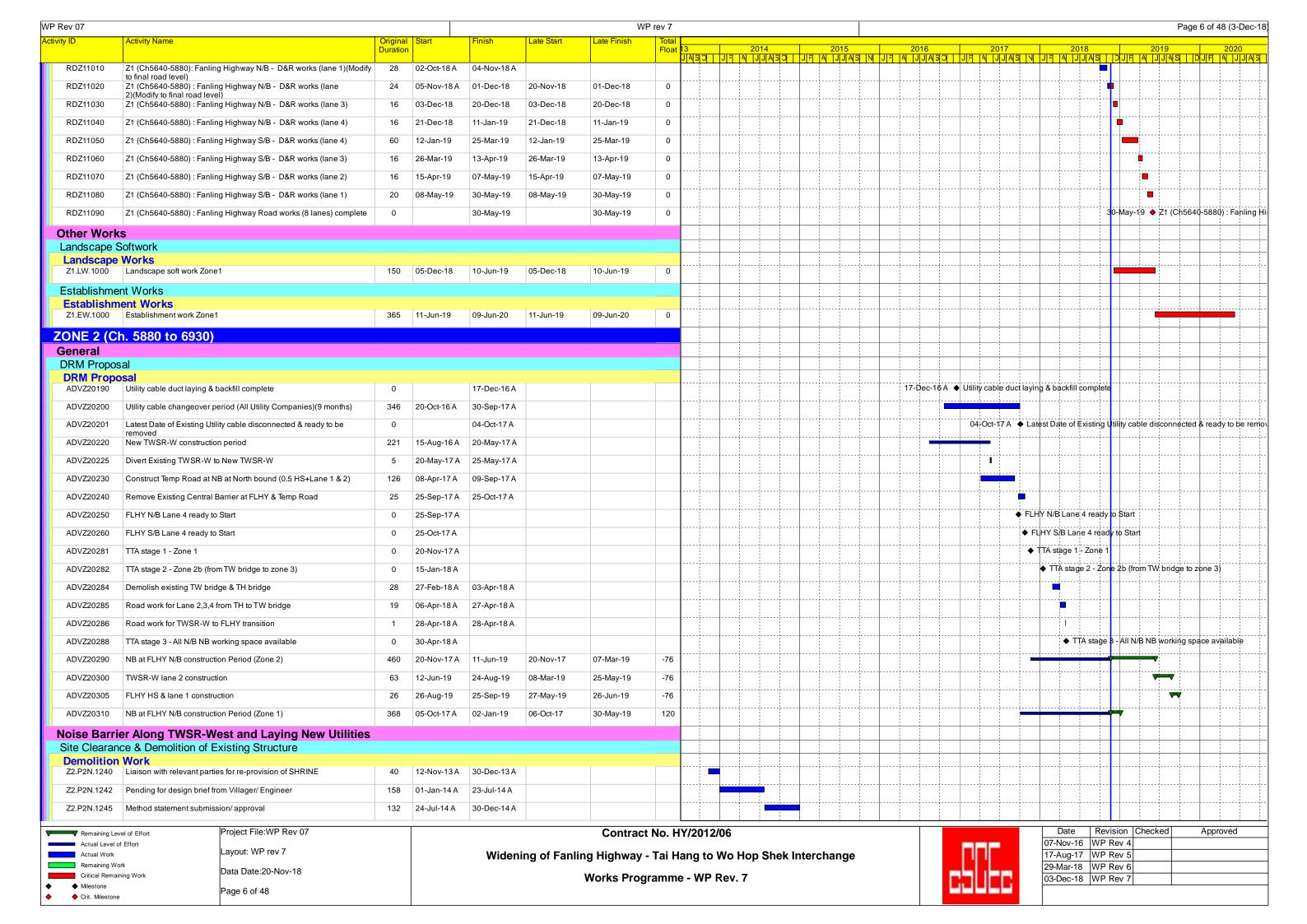
Page 2 of 48

WP Rev 07						WP re	ev 7															Page	3 of 48 (3-	Dec-18
Activity ID	Activity Name		Original Duration	Start	Finish Late Start	Late Finish	Total Float	13	20		20	15		2016	AIRIO I III	201	7		2018		20	019   J  4 S     D	2020	.0
PR.1060	Erect Contractor's Office C	ompound	86	18-Jul-13 A	29-Oct-13 A			JASY L	<u> </u>		1217 14 12	 	1 11	 	<u> </u>	<u>.                                    </u>		<u> </u>	<u>   </u>	3 1 1 7 2	14 14	1 12149   1	<u> </u>	1143
PR.1070	Provision of Contract Com	puter Facilities for Engineer	60	30-Oct-13 A	28-Dec-13 A						ļ											<del> </del>		1
ZONE 1 (Ch	n. 5640 to 5880)																			+				
		est and Laying New Utilities				<u> </u>										1 1				†				
Site Clearand	ce & Demolition of E																							
General ADVZ10100	Site clearance (Addition Tr	ransplant - pending for VO)	171	30-May-14 A	20-Dec-14 A							ļ		ļ <u>i</u>								ļ	f	ļļ.
	,	ter Main, Fire Main Works																		+				
		later Main Fire Main Works																		+				
DSD0090	DSD Truck Sewer Laying of		0	30-Nov-16 A											♦ DS	D Truck Se	ewer Laying	g compl	lete					
DSD0100	DSD Trunk Sewer Laying -	overall testing (Zone 1 & Zone 2)	50	20-Oct-16 A	16-Dec-16 A										-									
DSD0110	DSD Trunk Sewer Laying -	overall inspection	18	05-Dec-16 A	24-Dec-16 A					 					•		<del>-</del>		<del> -</del>					
DSD0120	DSD Trunk Sewer Laying	overall rectification	11	17-Dec-16 A	31-Dec-16 A																			
	40-5740)-TWSR W	est Side																						
Noise Barri	er Works VO for NB42 additional ba	v (303) issuance	0	07-Aug-15 A								◆ VO fo	or NB42	addition	al bay (303)	doneusei /							·	ļļ.
												1 1		1 1	ent NB42 b	1 1	rowithowill	logo 000					ļ	ļļ.
NB00030		B42 bay 303 narrow the village access	0	21-Aug-15 A	24.045.4						ļ	<u> </u>				ay 503 ilai		age acc				ļ	ļ	ļļ.
NB00040	NB42 bay 303 design revi	sed (VO43)	26		21-Sep-15 A									ļļ								ļļ		ļļ.
NB00050	TTA approval & process		29	08-Oct-15 A	11-Nov-15 A									ļļ								ļ		ļļ.
NB00060	Trial pit excavation		12	13-Nov-15 A									] 											<u> </u>
NB00110	NB42 (Ch5640-5740) - Fo	oting & Wall Structure - 8 bays	152	13-Feb-15 A	25-Aug-15 A																	ļ		ļļ.
NB00111	TTA application for road d	osure	14	21-Sep-15 A	08-Oct-15 A						<u> </u>												L	<u>l</u>
NB00114	NB42 (bay 303) - Footing 8	& Wall Structure - 1 bays - VO	43	21-Dec-15 A	20-Feb-16 A																			
NB00115	NB42 (Ch5640-5740) - Ba	ckfilling	39	15-Jun-16 A	30-Jul-16 A									-										
NB00120	NB42 (Ch5640-5740) - NE	3 production	205	20-Oct-15 A	11-May-16 A							-												
NB00130	NB42 (Ch5640-5740) - NE	3 post & panel installation	14	11-May-16 A	27-May-16 A																			
		later Main Fire Main Works										ļļ		ļ										ļļ.
TSZ10100		(~5m below ground) (along NB42)		30-Jan-15 A							1	ļļ												<u>                                     </u>
TSZ10110		along NB42) (completed by Gammon)	0		30-May-14 A			l		LL	L	11		11_	ed by Gamm	non)						ļ		ļļ.
TSZ10120	Backfill up to NB42 footing	level (completed by Gammon)	0		30-May-14 A			30-Ma	ay-14 A ♦ I	Backfill up t	b NB42 foo	ting level	(comple	ted by G	Sammon)								<u> </u>	]].
TSZ10130	Watermain installation (ald	<b>,</b>	64	21-Mar-16 A	10-Jun-16 A																		L	
TSZ10140	Firemain installation (alon	g NB42)	191	20-Aug-16 A	19-Apr-17 A																			
	nd Utility Works	(Alara ND40)	70	04 Avr. 45 A	20 Nov. 45 A						ļ											ļ	ļ	
UUZ10100		y companies (Along NB42)	76	21-Aug-15 A	20-Nov-15 A						ļ		<u></u>	<u> </u>								ļ	ļ	ļļ.
	Utility cable laying (Along		56	21-Jan-16 A	08-Apr-16 A																			
NB42A (Ch.5 Noise Barri	5750-5810)-TWSR W	Vest Side																	-	+				+ +
NB00190		ooting & Wall Structure - 5 bays	130	13-Apr-15 A	15-Sep-15 A																		[	1
NB00195	NB42A (Ch5750-5810) - b	ackfilling	12	15-Mar-16 A	31-Mar-16 A									ļ <u> </u>									[	
NB00200	NB42A (Ch5750-5810) - N	IB production	76	20-Feb-16 A	05-May-16 A							<del>  </del>										<del>  </del>	[	1
NB00210	NB42A (Ch5750-5810) - N	IB post installation	26	06-May-16 A	06-Jun-16 A																			
DSD Southe	∣ ern Trunk Sewer. W	later Main Fire Main Works																		+++				
TSZ10150		(~5m below ground) (along NB42A)	42	01-Dec-15 A	21-Jan-16 A								<b>+</b>									1		
TSZ10160	DSD Trunk Sewer laying (a	along NB42A) (completed by Gammon)	0		30-May-14 A			i		;	1 1	; ;		1 1	ted by Gam	ıman)				1-1-		<del>  </del>		1
TSZ10170	Backfill up to NB42A footin	g level (completed by Gammon)	0		30-May-14 A			30-Ma	ay-14 A ◆	Backfill up t	o NB42A fo	oting leve	el (comp	leted by	Gammon)					1-1-				1
	<u> </u>											<u> </u>		<u> </u>				<u></u>			:			<u>:                                    </u>
Remaining Level of		Project File:WP Rev 07				Contract N	o. H	Y/2012/	06							,		Dat 07-Nov		Revision  NP Rev		red	Approved	
Actual Work		Layout: WP rev 7			Widening of Fanlin	g Highway - T	ai H	ang to \	<b>Ио Нор</b>	Shek Ir	nterchai	nge						17-Aug	g-17 V	WP Rev	/ 5			
Remaining Wor Critical Remain		Data Date:20-Nov-18			_	Works Progra		_	•							1 1-2				NP Rev NP Rev				
♦ Milestone		Page 3 of 48			,	i iogiai		- •• I							-1			20 DEC	, 10 IA	1/6/				

WP Rev 07							V	VP rev 7															Page 4 c	of 48 (3-De	:c-1
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float			2014		2015		201	6	2(	)17	2	2018		2019		2020	
TSZ10180	Watermain installation (alc	ong NB42A)	51	11-Dec-15 A	20-Feb-16 A				JIAIS		<u>A MANAS</u>		IN JUNE	N J-I	IA J	JASO I	<u> </u>	IJAS N	JH A	1142		<u> </u>	S   Dil	1 4 111/	<u>4 3 </u>
TSZ10190	Firemain installation (along	g NB42A)	121	20-Aug-16 A	14-Jan-17 A												····					<del> </del>			
Undergrou	Ind Utility Works	· · · ·																	+	+ +	++		+		-
UUZ10110		y companies (Along NB42A)	50	21-Aug-15 A	20-Oct-15 A								<del></del>	<del>-</del>				<del> </del>							
NB47B (Ch.	5820-5880)-TWSR W	/est Side										1									++-				-
Noise Barr	ier Works																								
NB00230	NB47B (Ch5820-5880)- Fo	poting & Wall Structure - 4 bays	46	14-Jul-15 A	04-Sep-15 A								_												
NB00231	Stop works by Landload ne	earby	72	21-Aug-15 A	16-Nov-15 A								-												
NB00233	NB47B (bay 311A)- Footing	g & Wall Structure - VO	28	17-Nov-15 A	18-Dec-15 A									-											
NB00235	NB47B (Ch5820-5880)- ba	ackfilling	12	07-Jul-16 A	20-Jul-16 A										1										
NB00240	NB47B (Ch5820-5880) - N	B production	166	20-Oct-15 A	02-Apr-16 A														1	1	1				
NB00250	NB47B (Ch5820-5880)- NI	B post installation	43	20-Aug-16 A	12-Oct-16 A				1																
DSD South	nern Trunk Sewer. W	ater Main Fire Main Works													1 1					+ +	+				-
TSZ10200		~5m below ground) (along NB47B)	19	19-Jun-15 A	13-Jul-15 A						:		-				       								
TSZ10210	DSD Trunk Sewer laying (a	along NB47B) (completed by Gammon)	0		30-May-14 A					30-May-14	A ♦ DSD	Trunk Sewe	r laying (al	ng NB47B	3) (comp	leted by G	ammon)	}		†	1				
TSZ10220	Backfill up to NB47B footin	g level (completed by Gammon)	0		30-May-14 A					30-May-14	A ♦ Backf	II up to NB4	7B footing	level (com	pleted b	y Gammon	)		1						
TSZ10230	Watermain installation (alc	ong NB47B)	163	21-Sep-15 A	18-Apr-16 A										<u> </u>							; <del>-</del>			
TSZ10240	Firemain installation (along	g NB47B)	146	13-Nov-15 A	20-May-16 A																				
Undergrou	Ind Utility Works														+ +				+ -	+ +	++	<del>-                                    </del>	+		-
UUZ10120		y companies (Along NB47B)	23	17-Sep-15 A	15-Oct-15 A									<u> </u>											
UUZ10121	Utility cable laying by Utility	y companies (along bay 311A)	131	13-Jan-16 A	30-Jun-16 A									-								<del> </del>			
UUZ10130	Z1 Utility work complete is	ready for energization	0		30-Jun-16 A									30-Jun-	16A ♦	Z1 Utility	vork ¢ompl	ete is ready	y for energi	zation					
Noise Barri	│ ier Along Fanling H	lighway N/B													+ +				+ -	+++			+	-	-
	nce & Demolition of E																				++-				$\frac{1}{1}$
General																									
ADVZ10120	Site Clearance (for NB Alor		27	05-Oct-17 A	07-Nov-17 A													-				<u> </u>			
ADVZ10130	Zone 1 - Noise Barrier at F	H N/B complete	0		02-Jan-19		30-May-19	120												02-Jan-1	9 ♦ Zon	e 1 - Nois	e Barrier a	at FH N/B co	mpl
	ınd Utility Works	LO TTO C. N.D		04.0.47.4								ļ	ļ	ļ				<u> </u>	intin a l'Isilia		mayod 9	TTA for NI	2 do notrue	tion complet	to d
ADVZ10110	,	ved & TTA for NB construction completed	0	04-Oct-17 A	0.1 D .10.1				ļ									1	.]			I IA IQI INE	· construct		eu
ADVZ20175	All UU and backfill along T		0		21-Dec-16 A				ļ			<u> </u>	¦	ļ	21-0	ec-16 A •	All UU an	a backılı aı 	ong TWSR	-vv comp	lete	ļļ			
ADVZ20180	Utility cable changeover pe		192	21-Dec-16 A	30-Jun-17 A													l :							
ADVZ20182	Additional Utilitly cable cha	angeover period (PCCW, HCG)	285	20-Dec-16 A	30-Sep-17 A																				
	5640-5880)-FH N/B S	Side																							
Noise Barr NB01210	rier Works NB43B-1 (0-100m) - Sheet	t piling & Excavation	142	19-Jul-17 A	06-Jan-18 A								<u> </u>	<u>.</u>					<u></u>			i			
NB01211	CLP 11kV diversion jointing		0		17-May-18 A				ļ					<u> </u>				17-Ma	av-18 A ♠	CI P 11k	V diversic	n iointinc	works (by	CLP) comp	lete
NB01213	Road work & TTA (by CLP)		3	17-May-18 A	19-May-18 A				ļ																
					•				ļ				ļ						ļ	_		ļļ			
NB01215	1200 & 450m watermain w		25	21-May-18 A	20-Jun-18 A				ļ					<u> </u>					-	<u> </u>		ļļ			
NB01216		of additional bay between tolo 2 & 3 - VO	66	11-Sep-18 A	29-Nov-18	10-Apr-19	23-Apr-19	115	ļ			ļ	ļ 	<u> </u>							<u> </u>				
NB01217	NB43B-1 - Footing & Wall	Structure (bay 1-2)	26	30-Nov-18	02-Jan-19	24-Apr-19	24-May-19	115					<u> </u>	<u> </u>				<u> </u>				<u>                                      </u>			
NB01220	NB43B-1 - Footing & Wall	Structure (bay 3-8)	137	08-Jan-18 A	27-Jun-18 A							1													
NB01225	NB43B-1 (0-100m) - Drain	age Works	14	02-Oct-18 A	18-Oct-18 A														,	•					
NB01230	NB43B-1 - backfilling		3	18-Oct-18 A	20-Oct-18 A				1		    		T			j   	<del> </del>								
NB01240	NB43B-1 - NB production		45	02-Jun-18 A	16-Jul-18 A							<u> </u>	1	<del> </del>					F	+	1-1				
NB01250	NB43B-1 - NB post & pane	linstallation	5	03-Jan-19	08-Jan-19	25-May-19	30-May-19	115			<del> </del>			<del>  </del>							1	[			
D	yel of Effort	Project File:WP Rev 07		I			Contrac	of No. 1	IV/2	112/06	<u> </u>	<u> </u>	<u> </u>	<u> </u>	; ; ; T	<u> </u>			Date	I Re	vision C	hecked	Δ,	pproved	
Remaining Le	of Effort															3		181	07-Nov-	16 WP	Rev 4				
Actual Work Remaining W	ork	Layout: WP rev 7			Wideni	ng of Fanli	ng Highway	- Tai H	lang	to Wo F	lop She	ek Interd	change				4 4		17-Aug-1 29-Mar-1	17 WP		$\Box$			
Critical Rema		Data Date:20-Nov-18					Works Prog	gramm	e - V	VP Rev.	7					F		1	03-Dec-						
◆ Milestone ◆ Crit. Milestone	e	Page 4 of 48																1-					_		

WP	Rev 07						W	P rev 7										Pa	ge 5 of 48 (3-Dec-18			
Activ	vity ID	Activity Name	Original Duration	Start	Finish	Late Start	Late Finish	Total Float		2014 [A] [J]J[A]S[O]	I JIFI I	2015 AL IJIJIAIS INI JIFI	2016 [A] [J][J][A][S][D] [	2017 JIFI IN JJJJAIS IN	2   JIFI [A] [	018 JIJIAISI	I IDIJIF	2019 FIALIJIAIS I				
	NB01260	NB43B-2 (100-200m) - Sheet piling & Excavation	47	16-Nov-17 A	12-Jan-18 A								11 1-1-1 1-1-1			1-1-1-1	T		1-			
Ш	NB01270	NB43B-2 - Footing & Wall Structure (bay 9-16)	219	13-Jan-18 A	10-Oct-18 A										-							
	NB01275	NB43B-2 (100-200m) - Drainage Works	49	17-Aug-18 A	15-Oct-18 A																	
	NB01280	NB43B-2 - backfilling	10	09-Oct-18 A	20-Oct-18 A																	
Ш	NB01290	NB43B-2 - NB production	88	08-Jun-18 A	03-Sep-18 A											-						
Ш	NB01300	NB43B-2 - NB post & panel installation	18	05-Nov-18 A	24-Nov-18	25-May-19	30-May-19	150		<del> </del>												
Ш	NB01310	NB43B-3 (200-260m) - Sheet piling & Excavation	122	03-Jul-17 A	24-Nov-17 A																	
Ш	NB01320	NB43B-3 - Footing & Wall Structure (bay 17-22)	103	25-Nov-17 A																		
Ш	NB01325	NB43B-3 (200-260m) - Drainage Works	35	07-Aug-18 A																		
Ш	NB01330	NB43B-3 - backfilling	5	15-Sep-18 A	·																	
Ш					·											· <u></u>						
Ш	NB01340	NB43B-3 - NB production	77	20-Jun-18 A	04-Sep-18 A	05.14	20.14										]					
Ш	NB01350	NB43B-3 - NB post & panel installation	16	07-Nov-18 A		25-May-19	30-May-19	150														
	NB03295	Z1 FHN/B NB backfilling completed	0		20-Oct-18 A										20-Oc	t-18 A .◆	• Z1 FH	N/B NB backfillir	ig completed			
		t Construction															Ш					
	Drainage & F Ch 5640-58															1 1	$+\!\!\!+\!\!\!\!-$					
Ш	RDZ10090	Z1: New Tai Wo Service Road West - Drainage & Road works (2	221	15-Aug-16 A	20-May-17 A																	
	RDZ10100	Ianes) Z1: New Tai Wo Service Road West - Drainage & Road works near	191	07-Aug-18 A	26-Mar-19	22-Jan-19	30-May-19	51														
	Noise Barri	N/B noise barrier er Along Fanling Highway S/B															+					
		700-5760)-FH S/B Side																				
Ш	Noise Barri		40	44.045.0	05.445.4																	
Ш	NB01360	NB44 - Sheet piling & Excavation (4 bays)	13	11-Apr-15 A	25-Apr-15 A																	
Ш	NB01370	NB44 - Footing & Wall Structure (4 bays)	11	26-Apr-15 A	10-May-15 A					ļļ		•										
	NB01380	NB44 - backfilling	30	11-May-15 A																		
	NB01385	NB44 - Excavation & Footing & Wall Structure (1 bays)	64	07-Oct-15 A	21-Dec-15 A																	
	NB01390	NB44 - NB production	117	03-Aug-15 A	27-Nov-15 A																	
	NB01400	NB44 - NB post & panel installation	12	01-Apr-16 A	15-Apr-16 A																	
		760-5820)-FH S/B Side															$\perp$					
Ш	Noise Barri NB01410	er Works NB45 - Sheet piling & Excavation	13	11-Apr-15 A	25-Apr-15 A																	
	NB01420	NB45 - Footing & Wall Structure	21	25-Apr-15 A	20-May-15 A							_										
Ш																						
Ш	NB01430	NB45 - backfilling	25	21-May-15 A																		
ш	NB01435	NB45 - Excavation & Footing & Wall Structure (2 bays)		01-Sep-15 A																		
	NB01440	NB45 - NB production	97	03-Aug-15 A																		
	NB01450	NB45 - NB post & panel installation	9	15-Apr-16 A	25-Apr-16 A																	
Ш		320-5880)-FH S/B Side															$+\!\!\!+\!\!\!\!-$					
Ш	Noise Barri NB01460	NB46 - Sheet piling & Excavation	18	18-Nov-14 A	08-Dec-14 A						<b>-</b>											
	NB01470	NB46 - Footing & Wall Structure	41	02-Jan-15 A	20-Feb-15 A																	
	NB01480	NB46 - backfilling	50	10-Mar-15 A	11-May-15 A																	
	NB01490	NB46 - NB production	59	04-Jan-16 A	02-Mar-16 A																	
Ш																						
	NB01500	NB46 - NB post & panel installation	7	21-Apr-16 A	28-Apr-16 A								1				$\bot$					
		hway Construction															$+\!\!\!+\!\!\!\!+$					
	Drainage & Road Works  Ch 5640-5880																+					
															1 -			lo: :'				
	Remaining Level of Actual Level of						Contrac	t No. H	Y/2012/06						Date 07-Nov-			Checked	Approved			
	Actual Work	Layout: WP rev 7			Widen	ing of Fanli	ng Highway	- Tai Ha	ang to Wo	Hop Shek	Interc	hange			17-Aug-	17 WP	Rev 5					
	Remaining Wo	IData Data: 20-Nov-18					Works Prog		_	-					29-Mar-							
•	→ Milestone	D 5 . / 40					**************************************	ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا		• •					03-Dec-18   WP Rev 7							

Page 5 of 48

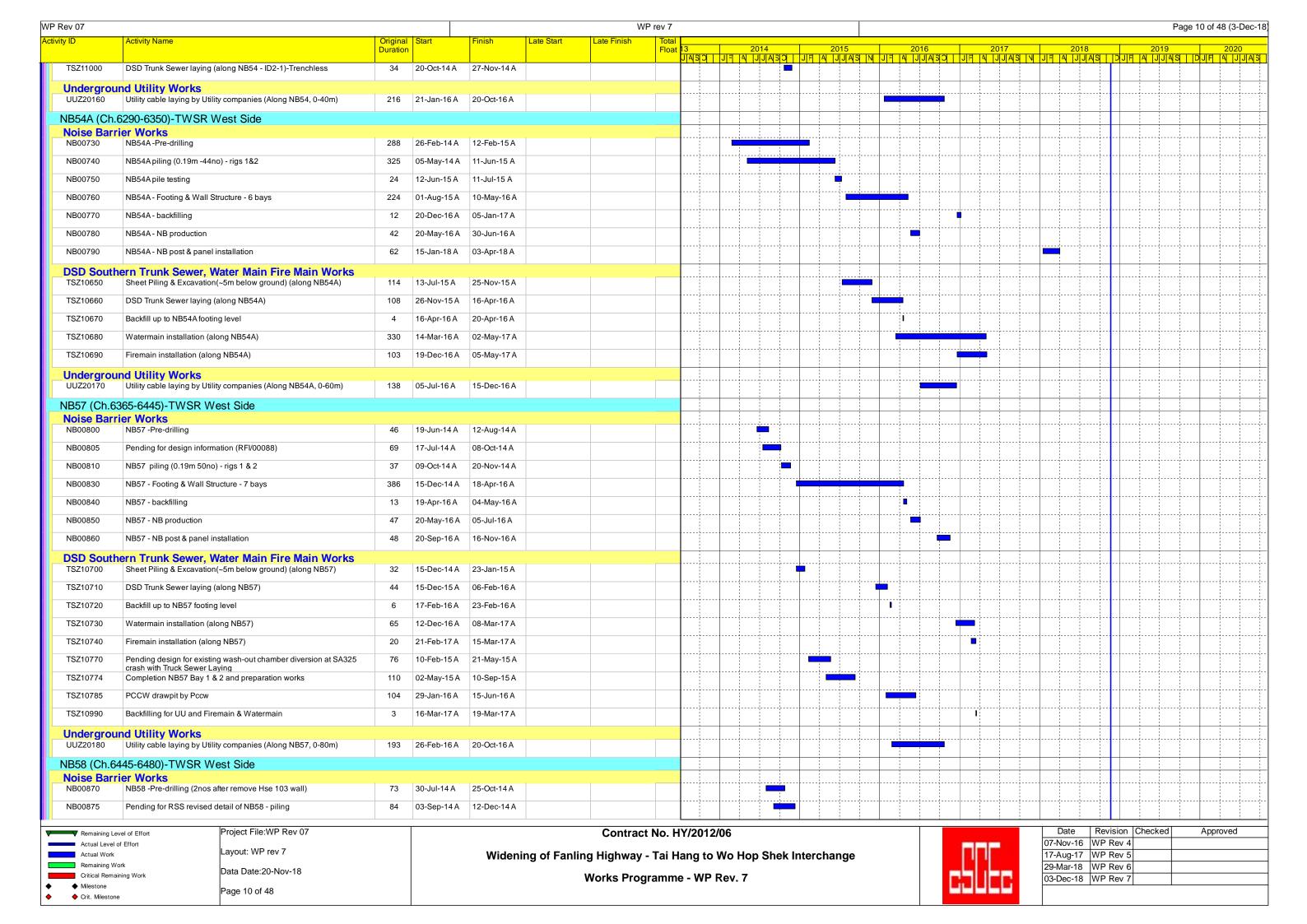


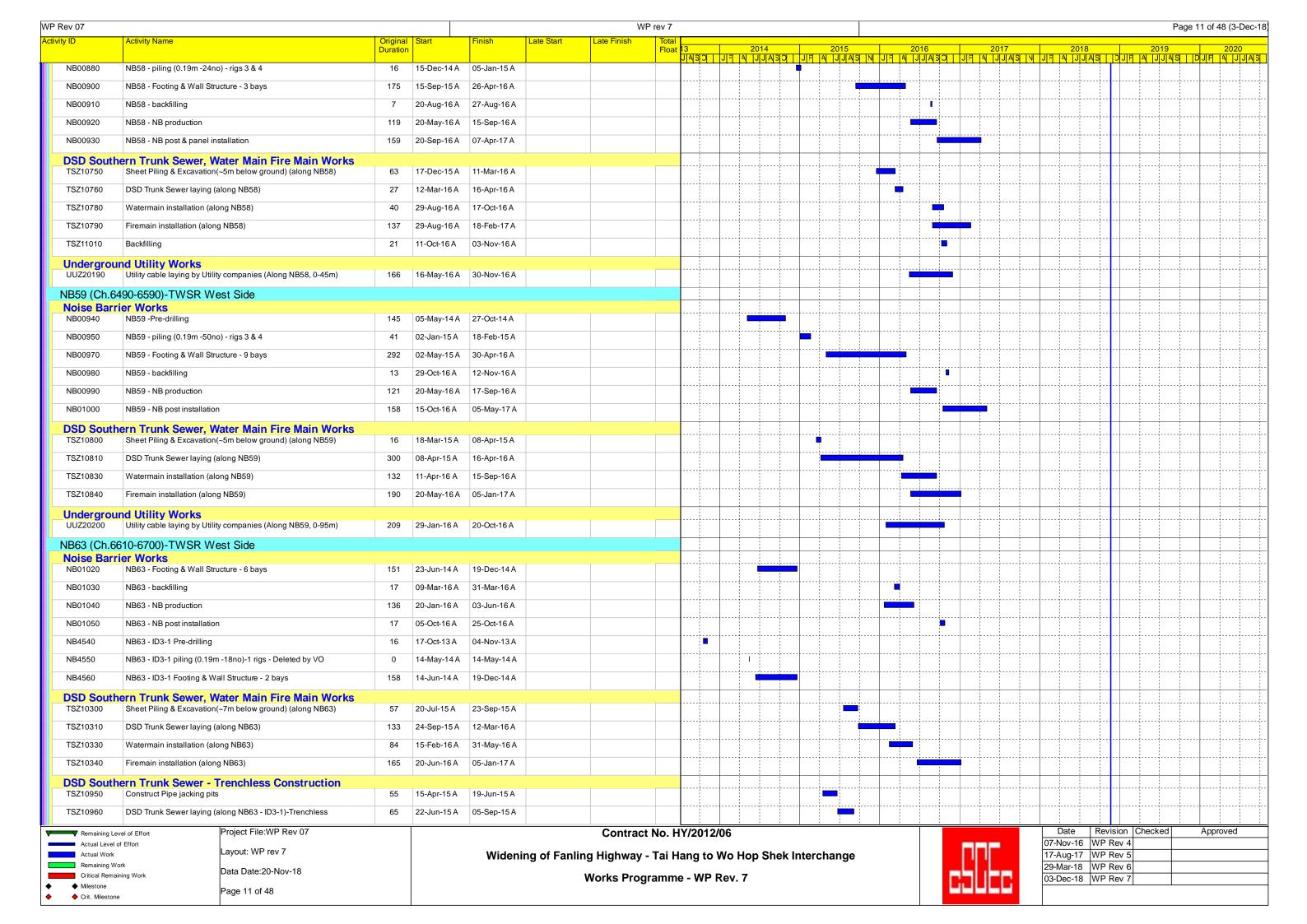
WP Rev 07							WI	P rev 7												ı	Page 7 of 4	8 (3-Dec-1	18
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13	2014		2015		2016		2017		018		2019		2020	
Z2.P2N.1250	Construction of proposed S	SHRINE	27	01-Aug-16 A	31-Aug-16 A					<u> </u>		IA IJJA	S		<mark>)     J  F   </mark>	<u>A INNAS I</u>	N N N	JIJIAIS I	DJH A	JJJAS		A JJAS	1
Z2.P2N.1260	Demolition of existing SHR	INE	3	28-Aug-14 A	30-Aug-14 A								+										-
Z2.P2N.1270	Condition survey		27	26-Aug-14 A	26-Sep-14 A						<u> </u>												1
Z2.P2N.1290	Demolition of Man Ching L	ung Tong	7	29-Jan-15 A	05-Feb-15 A								+								<u> </u>		ŀ
Z2.P2N.1300	Condition survey		13	26-Aug-14 A	10-Sep-14 A						<u>-</u>												
Z2.P2N.1310	Existing trees felling		52	21-Jul-14 A	19-Sep-14 A						<u>-</u>										}	i	-
Z2.P2N.1320	Demolition of villiage house	es	26	20-Oct-14 A	18-Nov-14 A																		1
NB47 (Ch.58	⊣ 880-5930)-TWSR We	st Side																					
Noise Barr	ier Works																					ļ	
NB00270		ting & Wall Structure - 5 bays	302	11-Mar-15 A	21-Mar-16 A							¦		-}								<u> </u>	1
NB00275	NB47 (Ch5880-5930)- bac		12	01-Jun-16 A	15-Jun-16 A																		
NB00280	NB47 (Ch5880-5930)- NB		77	19-Mar-16 A	03-Jun-16 A						_											ļ	-
NB00290	NB47 (Ch5880-5930)- NB		16	20-Sep-16 A	08-Oct-16 A																		
DSD South TSZ10250		ater Main Fire Main Works ~6m below ground) (along NB47)	17	11-Feb-15 A	10-Mar-15 A																	ļ	
TSZ10260	DSD Trunk Sewer laying (a		138		30-Jan-16 A																	<u> </u>	
TSZ10270	Backfill up to NB47 footing		6	01-Feb-16 A	06-Feb-16 A																	ļ	-
TSZ10270	Watermain installation (alo		72	20-Feb-16 A	20-May-16 A																	<u></u>	-
TSZ10200	Firemain installation (along		14	15-Jul-16 A	30-Jul-16 A							ļ										ļ	-
		(THOTI)	14	13-341-1074	30-301-10 A																		1
Undergrou UUZ20100	nd Utility Works Utility cable laying by Utility	companies (Along NB47)	44	21-Apr-15 A	12-Jun-15 A							-											-
NB47A (Ch.	□ 5950-5975)-TWSR W	est Side																					
Noise Barr	ier Works	COL CIGO																					1
NB00295	NB47A - ID1-1 Pre-drilling		11	07-Nov-13 A	19-Nov-13 A																		1
NB00300	NB47A - ID1-1 piling (0.19r		0	13-Mar-15 A	13-Mar-15 A																		
NB00320	NB47A - ID1-1 Footing & W	'all Structure - 2 bays	40	14-Mar-15 A	04-May-15 A																		
NB00330	NB47A - backfilling		240	07-Sep-15 A	07-Jul-16 A							1										ii.	
NB00335	Backfilling (Along NB47A-a	bove ID1)	217	06-Oct-15 A	07-Jul-16 A																	<u> </u>	1
NB00340	NB47A - NB production		228	20-Oct-15 A	03-Jun-16 A																	<u> </u>	l
NB00350	NB47A - NB post installatio	n	23	20-Aug-16 A	15-Sep-16 A																		
		ater Main Fire Main Works -5m below ground) (along NB47A)	70	OF May 15 A	06 Aug 45 A										·							<del>  </del>	-
TSZ10350	Watermain installation (Alo		78	05-May-15 A	06-Aug-15 A																	ļ	-
TSZ10380	Watermain & Firemain insta	<u> </u>	56	24-Aug-15 A	30-Oct-15 A								<u> </u>									ļ	
TSZ10560		· • ·	94	25-Aug-15 A	15-Dec-15 A							•										<u> </u>	
DSD South TSZ11080		renchless Construction long NB47A - ID1-1)-Trenchless	28	20-Oct-14 A	20-Nov-14 A																		1
Undergrou	nd Utility Works														1								1
UUZ20110		companies (Along NB47A)	199	13-Jan-16 A	20-Sep-16 A																		ľ
UUZ20240	Utility cable laying by Utility	companies (Along NB47A-above ID1)	199	13-Jan-16 A	20-Sep-16 A																		-
	995-6120)-TWSR We	est Side							1														1
Noise Barr	ier Works NB48 (NB48/1-5)- Pre-drill	ing	31	07-May-14 A	12-Jun-14 A																	ļ	-
NB00360			91	14-Jun-14 A	30-Sep-14 A																	<u> </u>	-
	, , , , , ,																					ļ	
NB00390	NB48 (Ch5995-6060) - bac		113	18-Apr-15 A 05-Oct-16 A	16-Oct-15 A 25-Feb-17 A																	<u> </u>	1
MD00390	14040 (CII3889-0000) - Dac		113	03-001-10 A	20-1 ED-17 A																		
Remaining Level of Effort  Actual Level of Effort  Project File:WP Rev 07							Contract	No. H	Y/2012/0	)6							Date	Rev 16 WP	vision Ch	ecked	Appro	oved	-
Actual Level of Effort  Actual Work  Layout: WP rev 7					Widenii	ng of Fanli	ng Highway ·	- Tai H	ang to V	o Hop Sh	nek Inter	change	<b>:</b>			7	17-Aug-	17 WP	Rev 5				-
Remaining Work Critical Remaining Work Data Date:20-Nov-18				29-Mar-18 WP Rev 6											_								
Critical Remaining Work				Works Programme - WP Rev. 7											-								
1				I										1			1						

WP	Rev 07						W	P rev 7										Page	e 8 of 48 (3-Dec-	18
Acti	vity ID	Activity Name	Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13 JIAISID I JIF	2014  A   J J A S O	I JIFI I	2015 A JJJA	S IN JIF	2016   TAI JJJJAJSJOLI	2017 JIF IN JJJINS IN	20°	18 JIAISI I	IDJIFI I	2019 ALIJIJIAISLI I	2020 DIJIFI IN IJIJINIS	<u></u>
	NB00400	NB48 (Ch5995-6060) - NB production	55	13-Aug-15 A	06-Oct-15 A															-
Ш	NB00410	NB48 (Ch5995-6060) - NB post & panel installation	56	17-Oct-15 A	22-Dec-15 A														-	
Ш	NB00415	NB48 (NB48/5-10) Pre-drilling	40	18-Dec-14 A	05-Feb-15 A															-
	NB00420	NB48 (NB48/5-10) piling (0.19m -30no) - rigs 4	51	25-Feb-15 A	30-Apr-15 A				+		•									-
Ш	NB00440	NB48 (Ch6060-6120) - Footing & Wall Structure - 5 bays	67	01-Sep-15 A	20-Nov-15 A							<u></u>								-
Ш	NB00450	NB48 (Ch6060-6120) - backfilling	12	20-Sep-16 A	04-Oct-16 A								·			<del> </del>				
Ш	NB00460	NB48 (Ch6060-6120) - NB production	76	20-Mar-16 A	03-Jun-16 A							<u> </u>								-
	NB00470	NB48 (Ch6060-6120) - NB post & panel installation	5	15-Jun-16 A	20-Jun-16 A															-
				10 0011 1071	20 0011 1071															÷
	TSZ10400	ern Trunk Sewer, Water Main Fire Main Works   Sheet Piling & Excavation(~5m below ground) (along NB48, 0-60m)	92	02-May-15 A	20-Aug-15 A						-	<del></del>							-	
Ш	TSZ10410	DSD Trunk Sewer laying (along NB48, 0-60m)	46	28-Aug-15 A	23-Oct-15 A						-	-								
Ш	TSZ10420	Backfill up to NB48, 0-60m footing level	85	24-Oct-15 A	03-Feb-16 A															Î
Ш	TSZ10430	Watermain installation (along NB48, 0-60m)	58	21-Mar-16 A	02-Jun-16 A															-
Ш	TSZ10440	Firemain installation (along NB48, 0-60m)	252	20-Jun-16 A	29-Apr-17 A											<del> </del>				1
Ш	TSZ10450	Sheet Piling & Excavation(~5m below ground) (along NB48, 60-110m)	72	05-Aug-15 A	30-Oct-15 A				+			<del></del>								
	TSZ10460	DSD Trunk Sewer laying (along NB48, 60-110m)	125	31-Oct-15 A	11-Apr-16 A															+-
	TSZ10470	Backfill up to NB48, 60-110m footing level	6	12-Apr-16 A	18-Apr-16 A															<u>+</u> .
Ш	TSZ10480	Watermain installation (along NB48, 60-110m)	39	19-Apr-16 A	04-Jun-16 A															+-
	TSZ10490	Firemain installation (along NB48, 60-110m)	221	20-Jun-16 A	20-Mar-17 A															-
				20 04.1. 1071	20 11101 1171											1				+
Шг	Undergrour UUZ20120	nd Utility Works Utility cable laying by Utility companies (Along NB48, 0-60m)	201	21-Jan-16 A	30-Sep-16 A															
Ш	UUZ20130	Utility cable laying by Utility companies (Along NB48, 60-110m)	136	05-Feb-16 A	30-Jul-16 A							-								-
	NR49 (Ch 61	45-6215)-TWSR West Side																		+
	Noise Barri	er Works										1								<u>+</u>
Ш	NB00485	NB49 - Pre-drilling	79	03-Nov-14 A	05-Feb-15 A					<del> </del>										
Ш	NB00490	NB49 piling (0.19m -42no) - rigs 1&2	46	12-Jan-15 A	13-Mar-15 A															
Ш	NB00491	VO47 issuance	0	04-Nov-15 A								◆ VO47 i	ssuance							
Ш	NB00493	Procurement couplier	24	09-Nov-15 A	05-Dec-15 A							-				<u>-</u>				
Ш	NB00507	Villager Noise Compliant induce stop work	0	10-Jul-15 A							<b>♦</b> Vil	lager Noise	Compliant induce	stop work						
Ш	NB00508	VO for using silent piler & slient piler mobilisation	58	16-Jul-15 A	21-Sep-15 A						_	i;								1
	NB00509	NB49 - Footing & Wall Structure - bays 5	75	21-Sep-15 A	19-Dec-15 A															+-
	NB00510	NB49 - Footing & Wall Structure - 4 bays	67	11-Nov-15 A	30-Jan-16 A															-
Ш	NB00513	NB49 bays 1-4 was disrupt & stopped by Villager	40	22-Sep-15 A	10-Nov-15 A															
	NB00520	NB49 - backfilling	27	30-May-16 A	30-Jun-16 A											<del>-</del>				-
Ш	NB00530	NB49 - NB production	27	20-May-16 A	15-Jun-16 A															-
Ш	NB00540	NB49 - NB post installation	3	06-Oct-16 A	08-Oct-16 A															1.
		·		00 001 1071	00 00.107.											- !				+
	TSZ10500	ern Trunk Sewer, Water Main Fire Main Works   Sheet Piling & Excavation(~7m below ground) (along NB49)	48	01-Feb-16 A	09-Apr-16 A															+-
Ш	TSZ10510	DSD Trunk Sewer laying (along NB49)	67	11-Apr-16 A	30-Jun-16 A															-
	TSZ10520	Backfill up to NB49 footing level	3	01-Feb-16 A	03-Feb-16 A							<del></del>								-
Ш	TSZ10530	Watermain installation (along NB49)	152	01-Jun-16 A	30-Nov-16 A							i								
	TSZ10540	Firemain installation (along NB49)	72	15-Sep-16 A	10-Dec-16 A											<u>-</u>				
		nd Utility Works																		+
	_onder grouf	id dulity Works						i	<u>, i i</u>	1 - 1	i	1	, , i	<u>, i i i </u>	<u>, i i</u>	<u> </u>	<u> </u>	, i	<u> </u>	
_	Remaining Lev	el of Effort Project File:WP Rev 07					Contrac	No. HY/2012/06							Date		ision C	hecked	Approved	_
		Actual Level of Effort  Actual Work  Layout: WP rev 7			:۱۸/	ng of Earlin			Hon Chal	, Intoro	hanas				07-Nov-16					_
	Remaining Wo	Remaining Work  Data Data: 20-Nov-18			wideni	_		- Tai Hang to Wo	-	, interc	nange			_'	29-Mar-18	WP I	Rev 6			_
•	Critical Remain  Milestone	ing Work											03-Dec-18 WP Rev 7							

Page 8 of 48

WP Rev 07						WP	rev 7													Pag	e 9 of 48 (3-Dec-	-18
Activity ID	Activity Name		Original Duration	Start	Finish Late Start	Late Finish	Total Float	13	201		20°			2016	30 1 115	2017		2018 AL LILIDA		2019 JF A JJAS I	2020	2
UUZ20140	Utility cable laying by Utility	companies (Along NB49, 0-70m)	252	03-Feb-16 A	14-Dec-16 A			<u> </u>		<u> </u>		<u> </u>		1 10174	79   19 1	14 1010140		<u> </u>				4
	5215-6235)-TWSR W	est Side																				+
Noise Barri	er Works Re-provision of Hse161 Gate	e complete	51	20-Aug-15 A	20-Oct-15 A																	
NB00538	Pending for U-channel Design	•		30-Sep-15 A	12-Dec-15 A										-							
NB00542	Pending for Perminent Road		62	30-Sep-15 A	12-Dec-15 A																	
NB00544		perminent road for Hse 161 new access	13	14-Dec-15 A	30-Dec-15 A																	
NB00545		d notified in July-14, VO issued	0	08-Jul-14 A	08-Jul-14 A																	
NB00547	accordingly) Hoarding erection to change		6	31-Dec-15 A	07-Jan-16 A				!													
NB00549		——————————————————————————————————————		05-Dec-15 A	19-Dec-15 A								ļ									
	NB49B - Pre-drilling		13										·									
NB00550	NB49B piling (0.19m -20no		31	28-Jan-16 A	12-Mar-16 A																	
NB00560	NB49B- Sheet piling & Exca		15	11-Jan-16 A	27-Jan-16 A								<u>-</u>	<u></u>								
NB00570	NB49B - Footing & Wall Stru		41	14-Mar-16 A	05-May-16 A																	
NB00572	VO - revised NB49B wall hei		0	12-Apr-16 A											vised NB49E	wall height						
NB00574	Pending for revised RC deta	il design	13	13-Apr-16 A	27-Apr-16 A																	
NB00580	NB49B - backfilling		33	06-May-16 A	15-Jun-16 A																	
NB00590	NB49B - NB production		32	25-Jul-16 A	25-Aug-16 A									_								
NB00600	NB49B - NB post installation		7	26-Aug-16 A	02-Sep-16 A									1								
DSD Souther TSZ10550		ter Main Fire Main Works 5m below ground) (along NB49B)	21	06 May 16 A	31-May-16 A																	
TSZ10570	DSD Trunk Sewer laying (ald		17		08-Oct-16 A										-							
		·		19-Sep-16 A											-							
TSZ10580	Watermain installation (alon	·	29	12-Oct-16 A	14-Nov-16 A																	
TSZ10590	Firemain installation (along l	•	18	21-Nov-16 A	10-Dec-16 A										-							-
DSD Souther TSZ11040	ern Trunk Sewer - Tr DSD Trunk Sewer laying (ald	enchless Construction ong - ID2-1)-Trenchless	34	20-Oct-14 A	27-Nov-14 A								+									
	nd Utility Works	· ·																				+
		companies (Along NB49B, 0-16m)	157	10-Jun-16 A	14-Dec-16 A																	
NB54 (Ch.62	240-6280)-TWSR Wes	t Side																				+
Noise Barri		eleted notified on14-5-14, VO issued	0	20-Sep-14 A	20-Sep-14 A					<u> </u>												
NB00610	accordingly)	18no)- (Deleted notified on14-5-14, VO	0	31-Mar-15 A	31-Mar-15 A																	
NB00615	issued accordingly)  NB54 - Pre-drilling	Tollo)- (Deleted Hotilied Ol114-3-14, VO	91	15-Nov-14 A	12-Mar-15 A						ļ											
NB00670	NB54 piling (0.19m -16no) -	rigo 192	70	16-Mar-15 A	10-Jun-15 A								<u>-</u>									
	NB54 - Footing & Wall Struc			09-Sep-15 A	18-Jan-16 A						ļ		<u>.</u>						-			
	_	ure - 2 bays		·									Τ									
NB00700	NB54 - backfilling		4	11-Feb-16 A	20-Feb-16 A																	
	NB54 - NB production	W 4	167	20-Jan-16 A	04-Jul-16 A																	
NB00720	NB54 - NB post & panel insta		5	02-May-17 A	08-May-17 A											1						-
DSD Southe TSZ10600		ter Main Fire Main Works 5m below ground) (along NB54)	72	20-Aug-15 A	14-Nov-15 A																	
TSZ10610		ong NB54 excep ID2-1 section)	25	16-Nov-15 A	14-Dec-15 A																	
TSZ10620	Backfill up to NB54 footing le		6										·		-							
TSZ10630	Watermain installation (alon		215	20-May-16 A												-						
TSZ10640	Firemain installation (along	·	44	19-Dec-16 A	18-Feb-17 A																	
	, ,	,	77	10 200 10 A	.51551171							-		:								+
USOUTH	em Trunk Sewer - Tr	enchless Construction						- 1	1 1			- 1	1		1	1 1		- 1	1	1 1 1		<u>:</u>
Remaining Leve		roject File:WP Rev 07				Contract	No. H	Y/2012/	06										Revisio		Approved	_
Actual Level of Actual Work	r Effort	ayout: WP rev 7			Widening of Fanlin	g Highway -	Tai Ha	ang to \	qoH oV	Shek Ir	nterchan	ige						lov-16 \ .ug-17 \				_
Remaining Wor	IF.	ata Date:20-Nov-18			_			•	-			_					29-M	1ar-18 \	WP Rev	6		_
♦ Milestone	-	age 9 of 48		Works Programme - WP Rev. 7												_						





VP Rev 07		Stort Finish Late Ste	WP rev 7			rev 7					Page 12 of 48 (3-Dec								Dec-18				
ctivity ID	Activity Name	Original Duration	Start	Finish	Late Start		Total Float 13	3		2014	20	15	20	016	2017		2018			2019	$\overline{}$	2020	0
TSZ10970	Both end manholes construction & trench sewer connection	81	07-Sep-15 A	12-Dec-15 A			J	[ASD	JF A	JUNASO	JF A J	JAS N	JF A	JASO JE	A JUNAS	NJF	A JJA	S D	JF A	JJJ 4 S	, O	J <mark>F A J</mark>	JAS
TSZ10980	Backfilling of jacking pits	39		30-Jan-16 A									<u> </u>	<u> </u>		<u> </u>							
TSZ11020	Watermain & Firemain installation above Trunk Sewer	154	14-Dec-15 A	30-Jun-16 A													ļļ						
TSZ11020	DSD trunk sewer along NB63	198	10-Jul-15 A	12-Mar-16 A							- <del>  </del>						<del></del>						
		190	10-3ul-13 A	12-Wai-10 A				-				-					+ +	$\perp$			-		-
Undergrour UUZ20230	nd Utility Works Utility companies (Along NB63~100m)	502	29-Jan-15 A	20-Oct-16 A			-																
Box Culvert I	Extension ID1																	+	-		+		
Structure V	Vorks					_								1 1									
ID1-0100	Box Culvert Extension ID1 structure	91	20-Oct-14 A	18-Feb-15 A																			
	Extension ID2									1 1							-			-	1		
Structure V	Box Culvert Extension ID2 structure	91	20-Oct-14 A	18-Feb-15 A							<u> </u>												
Noise Barrie	er Along Fanling Highway N/B																1 1	+	-	-	+		
	ce & Demolition of Existing Structure																						
General	To be a little and the second of the second of		00 N 47 A				-									A Thirtie	da Hillia	abla dia		+od 0 TT	N for NI	3 complete	
ADVZ20130	Existing Utility cable disconnected & TTA for NB complete	0	20-Nov-17 A	00.11 47.4												→ EXISUI	ig Utility Ca	able disc	onneci	eu a H	- IOI IND	complete	
ADVZ20140	Site Clearance (for NB Along FH N/B)	23	24-Oct-17 A	20-Nov-17 A							ļļ			ļ 			ļļ						ļļ.
ADVZ20160	TTA for NB works	55	20-Apr-17 A	26-Jun-17 A																	1		
ADVZ20170	Zone 2 - Noise Barrier at FH N/B backfilling complete	0		11-Jun-19		07-Mar-19	-76							! !						1	: 1	ise Barrier	1 1
ADVZ20210	Zone 2 - Noise Barrier at FH N/B structure work complete	0		31-Jan-19		20-Feb-19	15								<u> </u>	İ	31-			1	1	er at FH N	1 1
ADVZ20270	Zone 2 - Noise Barrier at FH N/B complete (Without Buffer Zone SBZ1)	0		11-Jun-19		07-Mar-19	-76											11-	Jun-19	<b>♦</b> Zone	2 - No	ise Barrier	at FH N
	5880-6060)-FH N/B Side							_									<u> </u>	+	-		-		
Noise Barri NB001070	er Works NB43A - ID1-2 Pre-drilling	12	03-Jun-17 A	16-Jun-17 A							·										+		
NB001080	NB43A- ID1-2 piling (0.19m -18no)-1 rigs (deleted)	0	22-Mar-18 A	22-Mar-18 A										<u> </u>		<u> </u>	<u> </u>						
NB001090	NB43A - ID1-2 Sheet piling & Excavation	59	20-Apr-18 A	30-Jun-18 A							- <del>   </del>												
NB001100	NB43A - ID1-2 Footing & Wall Structure	82	03-May-18 A	09-Aug-18 A												<u> </u>							
NB001105	NB43A- ID1-2 Drainage Works	32	10-Aug-18 A																			<del>-</del> <del>-</del> <del>-</del>	
NB001110	NB43A - ID1-2 backfilling	65	15-Sep-18 A	03-Dec-18	22-Feb-19	07-Mar-19	76				- <del>  </del>					<u> </u>							
NB001120	NB43A - ID1-2 NB production	106	20-Sep-18 A	03-Jan-19	07-May-19		168										<del>  </del>						ļ
NB001130	NB43A - ID1-2 NB post & panel installation	5	04-Jan-19	09-Jan-19	21-Jun-19		136				- <del>  </del>			<u> </u>					; <del> </del>				
NB01510	NB43A-1 (0-61.5m) - Sheet piling & Excavation	17	06-Nov-17 A	24-Nov-17 A	21 0011 10	20 0411 10	-										ļ				ļļ		
NB01520	NB43A-1 - Footing & Wall Structure (bay1-6)	96	25-Nov-17 A	23-Mar-18 A										ļ 			ļ						
NB01525	NB43A-1 (0-61.5m) - Drainage Works	109	03-Jul-18 A	09-Nov-18 A										ļ		ļ							
NB01526	NB43A-1 (0-61.5m) - Drainage Works (VO on 14-6-18 - add 1	6	10-Nov-18 A	16-Nov-18 A										<u> </u>		<u> </u>	ļ						
NB01520	manhole)  NB43A-1 - backfilling	14	17-Nov-18 A	03-Dec-18	22-Feb-19	07-Mar-19	76							ļ									
	NB43A-1 - NB production				22-Feb-19	07-IVIAI-19	-				- <del> </del>			<u> </u>		<u> </u>							
NB01540	· ·	76	20-Jul-18 A	03-Oct-18 A	24 Jun 40	26 lun 40	160							ļ		ļ						i i i	
NB01550	NB43A-1 - NB post & panel installation	5	04-Dec-18	08-Dec-18	21-Jun-19	26-Jun-19	160									<u> </u>							
NB01560	NB43A-2 (86.8-166.7m) - Sheet piling & Excavation (bay 7-14)	49	02-Apr-18 A	01-Jun-18 A										; ;;		ļ 							ļļ.
NB01570	NB43A-2 - Footing & Wall Structure (bay 7-14)	203	03-Apr-18 A	04-Dec-18	21-Dec-18	08-Jan-19	27									ļ					ļļ		
NB01575	NB43A-2 (86.8-166.7m) - Drainage Works	60	08-Oct-18 A	17-Dec-18	08-Dec-18	08-Jan-19	16				ļļ			ļļ.		<u> </u>	ļļ				1	<del>.</del>	ļļ.
NB01576	NB43A-2 (86.8-166.7m) - Drainage Works (VO on 14-6-18 - add 1 manhole)	6	18-Dec-18	24-Dec-18	09-Jan-19	15-Jan-19	16				ļ							0			1		
NB01580	NB43A-2 - backfilling	12	12-Jan-19	25-Jan-19	22-Feb-19		33				1							''	1		1		<u> </u>
NB01590	NB43A-2 - NB production	137	04-Aug-18 A	18-Dec-18	23-May-19	20-Jun-19	184					!				1						1	
																			— <sub>1-2</sub> -				
Remaining Lev  Actual Level of	_ ·					Contract No	o. HY	//2012	2/06								Date Nov-16	Revisio WP Rev		ecked		Approved	
Actual Work  Remaining Wo	Layout: WP rev 7			Wideni	ing of Fanlir	ng Highway - Ta	ai Ha	ng to	Wo Ho	p Shek I	nterchan	ge		П		17-	Aug-17	WP Rev	/ 5	$\equiv \pm$			
Remaining Wo	Data Date: 20-Nov-18					Works Program	nme	- WP	Rev. 7								Mar-18 \\ Dec-18 \						
A 1.00	1		1			<u> </u>																	

Milestone

Crit. Milestone

Page 12 of 48

Miles   Mile		Page 13 of 48 (3-Dec-
Montrol   Mont		2017 2018 2019 2020
Map   Map	t & panel installation	
No.   Proceedings   Process   Proc	g at NB43A - VO86	
Notice   N	ter installation - VO86	
NOTICE   N	I/B Side	
Notified   Notice		
NBCO1150   NBCO1150		<u> </u>
M0321170   M036 Section AND Student		
Notice   1985   Note -		<u> </u>
Notice   N		
NB001190	VOING	
Notification   Noti	ion	
NETTOTAL NABOU Charage Warts (ViCl or 14 6-19) add 1 markete)		
No.   No.   Sarrier Works   No.   Sarrier		
Notice Searcher Works Notice Start Per Works Notice Start St		
NS001210   NS00A-1D22 Sheerpiling & Exemention   76   17Ju-167   17Ju-177	IV/D Side	
NB001230   NB50A-1022 Bheet piling & Excaration   19   24-00+18 A   16-Nov-18 A   16-Nov-18 A   19-00+18   76   18-00+18   76   18-00+18   19-00+18   76   18-00+18   18-00+18   76   18-00+18   18-00+18   76   18-00+18   18-00+18   76   18-00+18   18-0	-drilling	
N8001210 N850A-1022 Proofing a Wall Structure 50 22-Nov-18A 19-Jan-19 20-Aug-18 19-Cvs18 7-6 N850A-1022 Disabiliting 12 15-feb-19 20-Cvs18 08-Nov-18 7-6 N850A-1022 bandliting 12 15-feb-19 26-feb-19 22-feb-19 07-Main-19 167 N850A-1022 bandliting 12 15-feb-19 26-feb-19 07-Main-19 167 N850A-1022 bandliting 12 15-feb-19 05-Main-19 07-Main-19 167 N850A-1022 N850A-18A production 45 19-Jan-19 05-Main-19 07-Main-19 167 N850A-1022 N850A-10-19 N850A-10-19 N850A-10-19 N850A-10-19 N850A-10-19 N850A-10-19 N850A-11 N52 N850A-10-19 N850A-10-19 N850A-10-19 N850A-11 N52 N850A-10-19 N850A-11 N52 N850A	ng (0.19m -18no)	
N8001245   N850A-1D2-2 Drainage Works	eet piling & Excavation	•
NB001250   NB50A-1D2-2 backlilling   12   13-Feb-19   28-Feb-19   07-Mer-19   8   NB001250   NB50A-1D2-2 NB pools & panel installation   5   05-Mer-19   05-Mer-19   07-Mer-19   07-Mer-	ting & Wall Structure	<del> </del>
NB01280   NB50A - ID2-2 NB production	ainage Works	
NB01277   NB50A - ID-2-2 MB post & panel insalilation   5   05-Mar-19   11-Mar-19   25-Jun-19   26-Jun-19   86   NB50A (D-108m)(NB50A/D-11 ) Pre-driling   28   01-Jun-17   ND-101606   NB50A (D-108m)(NB50A/D-11 ) D 19m - 60mos) Pling (s.9)   114   31-Mary-18A   15-Cb-18A   24-Nb-18   22-Nb-18   24-Nb-18   0   NB50A (D-108m) - 5 beet piling & Excavation   24   29-Cb-18A   24-Nb-18   22-Nb-18   24-Nb-18   0   NB50A (D-108m) - 5 breed piling & Excavation   24   29-Cb-18A   24-Nb-18   22-Nb-18   0   NB50A (D-108m) - 5 breed piling & Excavation   24   29-Cb-18A   24-Nb-18   22-Nb-18   0   NB50A (D-108m) - 5 breed piling & Excavation   24   29-Mary-19   05-Jun-19   01-Feb-19   02-Mar-19   0   NB50A (D-108m) - 5 breed piling & Excavation   24   29-Mary-19   05-Jun-19   01-Feb-19   02-Mar-19   07-Mar-19	kfilling	
NB01604 NB50A (0-108m)(NB50A/1-11 ) Pre-driling 25 01-Jun-17 A 30-Jun-17 A 30-Jun-17 A NB01608 NB50A (0-108m) (NB50A/1-11, 0-11m 40nos) Piling (xS) 114 31-May-18 A 15-Oct-18	production	
NB01606   NB50A(0-108m)(NB50A(1-11, 0.19m 60nos) Piling (s)	post & panel installation	
NB01610	NB50A/1-11 ) Pre-drilling	
NB01620 NB50A(0-108m) - Footing & Wall Structure	NB50A/1-11, 0.19m -60nos) Piling (s3)	
NB01625   NB50A (0-108m) - Drainage Works   24   09-May-19   05-Jun-19   01-Feb-19   02-Mar-19   -76     NB01626   NB50A (0-108m) - Drainage Works (VO on 14-6-18 - add 2 manholes)   12   09-May-19   22-May-19   15-Feb-19   28-Feb-19   -66     NB50A   NB50A-1 - backfilling   12   28-May-19   11-Jun-19   22-Feb-19   07-Mar-19   -76     NB01640   NB50A-1 - NB production   45   01-Feb-19   17-Mar-19   07-May-19   20-Jun-19   95     NB01650   NB50A-1 - NB post & panel installation   5   12-Jun-19   17-Jun-19   27-Jun-19   27-Jun-19   28-Jun-19   8     NB01650   NB50A-1 - NB post & panel installation   5   12-Jun-19   17-Jun-19   27-Jun-19   28-Jun-19   8     NB01656   NB50A (132-228m)NB50A12-20) & FVMS1 (Ros)   114   31-May-18   A 15-Oct-18 A Piling (S3)   NB50A (132-228m)NB50A12-20) & FVMS1 (Ros)   114   31-May-18   A 15-Oct-18 A Piling (S3)   NB50A (132-228m) - Fooling & Wall Structure   55   26-Nov-18   31-Jan-19   04-Sep-18   09-Nov-18   68   NB01676   NB50A (132-228m) - Drainage Works (VO on 14-6-18 - remain 2 manholes)   12   02-May-19   15-May-19   24-Nov-18   31-Jan-19   -76   NB50A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special foliation   12   02-May-19   15-May-19   24-Nov-18   31-Jan-19   -76   NB50A (22-228m) - Drainage Works (VO on 14-6-18 - add 7 special foliation   15-May-19   24-Mov-18   31-Jan-19   -76   NB50A (2-3-D8 production   45   01-Feb-19   17-Mar-19   07-May-19   20-Jun-19   95   NB50A (2-3-D8 production   45   01-Feb-19   17-Mar-19   07-May-19   20-Jun-19   95   NB50A (2-3-D8 production   45   01-Feb-19   17-Mar-19   21-May-19   21-Jun-19   26-Jun-19   30   NB50A (2-3-D8 production   45   01-Feb-19   17-Mar-19   21-Jun-19   26-Jun-19   30   NB50A (2-3-D8 production   45   01-Feb-19   17-Mar-19   21-Jun-19   26-Jun-19   30   NB50A (2-3-D8 production   45   01-Feb-19   17-Mar-19   21-Jun-19   26-Jun-19   30   NB50A (2-3-D8 production   45   01-Feb-19   17-Mar-19   21-Jun-19   26-Jun-19   30   NB50A (2-3-D8 production   45   01-Feb-19   17-Mar-19   21-Jun-19   26-Jun-19   30   N	Sheet piling & Excavation	•
NB01626 NB50A (0-108m) - Drainage Works (VO on 14-6-18 - add 2 manholes) 12 09-May-19 15-Feb-19 28-Feb-19 - 66 NB50A-1 - backfilling 12 28-May-19 11-Jun-19 22-Feb-19 07-Mar-19 - 76 NB101640 NB50A-1 - NB production 45 01-Feb-19 17-Mar-19 07-May-19 20-Jun-19 95 NB01650 NB50A-1 - NB post 8 panel installation 5 12-Jun-19 17-Jun-19 21-Jun-19 26-Jun-19 8 NB01650 NB50A(132-228m)(NB50A(12-20) & FVMS1 Pre-drilling 20 20-Feb-18A NB50A(132-228m) - Sheet piling & Excavation 24 29-Oct-18A 24-Nov-18 29-Aug-18 03-Sep-18 - 68 NB50A(132-228m) - Footing & Wall Structure 55 26-Nov-18 31-Jan-19 04-Sep-18 09-Nov-18 - 68 NB50A(132-228m) - Drainage Works (VO on 14-6-18 - add 7 special nanholes) NB50A(2-2-2-backfilling 12 02-May-19 15-May-19 17-Mar-19 07-May-19 20-Jun-19 95 NB50A(132-228m) - Footing & Wall Structure 55 26-Nov-18 31-Jan-19 04-Sep-18 09-Nov-18 - 68 NB50A(132-228m) - Drainage Works (VO on 14-6-18 - add 7 special nanholes) NB50A(132-228m) - Drainage Works (VO on 14-6-18 - add 7 special nanholes) NB50A(2-2-backfilling 12 02-May-19 15-May-19 17-Mar-19 07-May-19 20-Jun-19 95 NB50A(2-2-backfilling 12 02-May-19 15-May-19 17-Mar-19 07-May-19 20-Jun-19 95 NB50A(2-2-backfilling 12 02-May-19 17-Mar-19 07-May-19 20-Jun-19 95 NB50A(2-2-Backfilling 12 02-May-19 17-Mar-19 07-May-19 20-Jun-19 95 NB50A(2-2-Backfilling 12 02-May-19 15-May-19 17-Mar-19 07-May-19 17-Mar-19	Footing & Wall Structure	
NB01630   NB50A-1 - backfilling   12   28-May-19   11-Jun-19   22-Feb-19   07-Mar-19   -76     NB01640   NB50A-1 - NB production   45   01-Feb-19   17-Mar-19   07-May-19   20-Jun-19   95     NB01650   NB50A-1 - NB post & panel installation   5   12-Jun-19   17-Jun-19   21-Jun-19   26-Jun-19   8   NB01650   NB50A (132-228m)(NB50A/12-20) & FVMS1 Pre-drilling   20   20-Feb-18 A   14-Mar-18 A   NB01656   NB50A (132-228m)(NB50A/12-S2, 0.19m-44nos) & FVMS1 (8 nos)   114   31-May-18 A   15-Oct-18 A   Piling (S3)   NB01660   NB50A (132-228m) - Sheet piling & Excavation   24   29-Oct-18 A   24-Nov-18   29-Aug-18   03-Sep-18   68   NB01670   NB50A (132-228m) - Footing & Wall Structure   55   28-Nov-18   31-Jan-19   04-Sep-18   09-Nov-18   -88   NB01675   NB50A (132-228m) - Drainage Works (VO on 14-6-18 - remain 2   13-Feb-19   26-Feb-19   10-Nov-18   23-Nov-18   -76   manholes)   NB01676   NB50A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special manholes)   NB01680   NB50A (-32-228m) - Drainage Works (VO on 14-6-18 - add 7 special manholes)   NB01680   NB50A 2 - NB production   45   01-Feb-19   17-Mar-19   07-May-19   22-Feb-19   07-Mar-19   -76   NB50A 2 - NB production   45   01-Feb-19   17-Mar-19   07-May-19   22-Feb-19   07-Mar-19   30   NB01700   NB50A 2 - NB production   5   16-May-19   21-Jun-19   26-Jun-19   30   NB01704   NB50A (228-309m)(NB50A/21-27) & ADS1 Pre-drilling   26   15-Jun-16A	Drainage Works	
NB01640 NB50A-1 - NB production	Drainage Works (VO on 14-6-18 - add 2	• • • • • • • • • • • • • • • • • • • •
NB01650 NB50A-1 - NB post & panel installation 5 12-Jun-19 17-Jun-19 26-Jun-19 26-Jun-19 8 NB01654 NB50A (132-228m) (NB50A/12-20) & FVMS1 Pre-drilling 20 20-Feb-18 A 14-Mar-18 A NB01656 NB50A (132-228m) (NB50A/12-S2, 0.19m -44nos) & FVMS1 (8 nos) 114 31-May-18 A 15-Oct-18 A Piling (S3) NB01660 NB50A (132-228m) - Sheet piling & Excavation 24 29-Oct-18 A 24-Nov-18 29-Aug-18 03-Sep-18 -68 NB01670 NB50A (132-228m) - Footing & Wall Structure 55 26-Nov-18 31-Jan-19 04-Sep-18 09-Nov-18 -68 NB01675 NB50A (132-228m) - Drainage Works (VO on 14-6-18 - remain 2 12 13-Feb-19 26-Feb-19 10-Nov-18 23-Nov-18 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 mancholes) NB00A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 0		
NB01654 NB50A (132-228m)(NB50A/12-20) & FVMS1 Pre-drilling 20 20-Feb-18 A 14-Mar-18 A 15-Oct-18 A 15-O		
NB01656 NB50A(132-228m)(NB50A/12-S2, 0.19m -44nos) & FVMS1 (8 nos) 114 31-May-18A 15-Oct-18A Piling (S3) NB01660 NB50A(132-228m) - Sheet piling & Excavation 24 29-Oct-18A 24-Nov-18 29-Aug-18 03-Sep-18 -68 NB01670 NB50A(132-228m) - Footing & Wall Structure 55 26-Nov-18 31-Jan-19 04-Sep-18 09-Nov-18 -68 NB01675 NB50A(132-228m) - Drainage Works (VO on 14-6-18 - remain 2 12 13-Feb-19 26-Feb-19 10-Nov-18 23-Nov-18 -76 manholes) NB50A(132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 NB050A(132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 22-Feb-19 07-Mar-19 -54 NB050A(132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 22-Feb-19 07-Mar-19 -54 NB01680 NB50A-2 - NB production 45 01-Feb-19 17-Mar-19 07-May-19 20-Jun-19 95 NB01690 NB50A-2 - NB production 45 01-Feb-19 17-Mar-19 07-May-19 20-Jun-19 95 NB01700 NB50A-2 - NB post & panel installation 5 16-May-19 21-May-19 21-Jun-19 26-Jun-19 30 NB01704 NB50A(228-309m)(NB50A/21-27) & ADS1 Pre-drilling 26 15-Jun-16A 15-Jul-16A NB01700 NB50A-2 - NB post & panel installation Project File:WP Rev 07 Layout: WP rev 7 Natural Level of Effort Actual Work Remaining Work Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange		<u> </u>
Piling (S3)   NB50A (132-228m) - Sheet piling & Excavation   24   29-Oct-18 A   24-Nov-18   29-Aug-18   03-Sep-18   -68	· · · · · · · · · · · · · · · · · · ·	
NB01670 NB50A (132-228m) - Protting & Wall Structure 55 26-Nov-18 31-Jan-19 04-Sep-18 09-Nov-18 -68 NB50A (132-228m) - Drainage Works (VO on 14-6-18 - remain 2 12 13-Feb-19 26-Feb-19 10-Nov-18 23-Nov-18 -76 manholes) NB01676 NB50A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special 56 27-Feb-19 08-May-19 24-Nov-18 31-Jan-19 -76 manholes) NB01680 NB50A-2 - backfilling 12 02-May-19 15-May-19 22-Feb-19 07-Mar-19 -54 NB01690 NB50A-2 - NB production 45 01-Feb-19 17-Mar-19 07-May-19 20-Jun-19 95 NB01700 NB50A-2 - NB post & panel installation 5 16-May-19 21-May-19 21-Jun-19 26-Jun-19 30 NB01704 NB50A (228-309m)(NB50A/21-27) & ADS1 Pre-drilling 26 15-Jun-16A 15-Jul-16A		
NB01675 NB50A (132-228m) - Drainage Works (VO on 14-6-18 - remain 2 nanholes)  NB01676 NB50A (132-228m) - Drainage Works (VO on 14-6-18 - remain 2 nanholes)  NB01676 NB50A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special faminoles)  NB01680 NB50A-2 - backfilling 12 02-May-19 15-May-19 22-Feb-19 07-Mar-19 - 54  NB01690 NB50A-2 - NB production 45 01-Feb-19 17-Mar-19 07-May-19 20-Jun-19 95  NB01700 NB50A-2 - NB post & panel installation 5 16-May-19 21-May-19 21-Jun-19 26-Jun-19 30  NB01704 NB50A (228-309m) (NB50A/21-27) & ADS1 Pre-drilling 26 15-Jun-16A 15-Jul-16A  Project File:WP Rev 07  Layout: WP rev 7  Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange		
NB01676   NB50A (132-228m) - Drainage Works (VO on 14-6-18 - add 7 special manholes)   NB01680   NB50A-2 - backfilling   12   02-May-19   15-May-19   22-Feb-19   07-Mar-19   -76     NB01680   NB50A-2 - NB production   45   01-Feb-19   17-Mar-19   07-May-19   20-Jun-19   95     NB01700   NB50A-2 - NB post & panel installation   5   16-May-19   21-May-19   21-Jun-19   26-Jun-19   30   NB01704   NB50A (228-309m)(NB50A/21-27) & ADS1 Pre-drilling   26   15-Jun-16A   15-Jul-16A   15-Jul-16A   NB01704   NB01704   NB01704   NB01704   NB01705   NB	<i>,</i>	
NB01680   NB50A-2 - backfilling   12   02-May-19   15-May-19   22-Feb-19   07-Mar-19   -54     NB01690   NB50A-2 - NB production   45   01-Feb-19   17-Mar-19   07-May-19   20-Jun-19   95   NB01700   NB50A-2 - NB post & panel installation   5   16-May-19   21-Jun-19   26-Jun-19   30   NB01704   NB50A (228-309m)(NB50A/21-27) & ADS1 Pre-drilling   26   15-Jun-16A   15-Jul-16A   NB01704   NB0170	,	
NB01690 NB50A-2 - NB production	,	
NB01700 NB50A-2 - NB post & panel installation 5 16-May-19 21-Jun-19 26-Jun-19 30  NB01704 NB50A (228-309m)(NB50A/21-27) & ADS1 Pre-drilling 26 15-Jun-16 A 15-Jul-16 A 15-Jul		
NB01704 NB50A (228-309m)(NB50A/21-27) & ADS1 Pre-drilling 26 15-Jun-16 A 15-Jul-16 A  Contract No. HY/2012/06  Actual Level of Effort Actual Level of Effort Actual Work Remaining Work  Project File:WP Rev 07  Layout: WP rev 7  Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange		
Remaining Level of Effort Actual Level of Effort Actual Work Remaining Work  Remaining Work  Project File:WP Rev 07  Contract No. HY/2012/06  Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange	·	1
Actual Level of Effort Actual Work Remaining Work Layout: WP rev 7 Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange	)(NB50A/21-27) & ADS1 Pre-drilling	
Layout: WP rev 7  Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange  Pate Date: 20 New 18	Project File:WP Rev 07	Date Revision Checked Approved
Remaining Work  Data Data: 20 Nov 19	Layout: WP rev 7	07-Nov-16   WP Rev 4   17-Aug-17   WP Rev 5
Critical Remaining Work  Works Programmo - WP Poy 7	Data Date:20-Nov-18	29-Mar-18 WP Rev 6
Critical Remaining Work  Milestone  Page 13 of 48  Works Programme - WP Rev. 7	Page 13 of 48	03-Dec-18   WP Rev 7

WP	Rev 07						V	WP rev 7										Page 1	4 of 48 (3-Dec-18	
Acti	vity ID	Activity Name	Original Duration	Start	Finish	Late Start	Late Finish	Total Float	3	2014		2015	2016	2017	20	018		2019	2020	
	ND04700	ND504 (900 900 ) (ND504 (94 95 940 40 10 10 AD94		00 1 10 1	40 1 1 40 1			Tioat	JASA I JIF			JJJAS N J						JJAS TC		
Ш	NB01706	NB50A (228-309m)(NB50A/S4-S5, 0.19m -18nos) & ADS1 (8nos)Piling	33	08-Jun-18 A	18-Jul-18 A															
Ш	NB01708	TTA for S4-S5 structure	3	08-Dec-18	11-Dec-18	12-Nov-18	14-Nov-18	-23												
Ш	NB01710	NB50A (225-311m) - Sheet piling & Excavation (S4-S5)	12	12-Dec-18	27-Dec-18	15-Nov-18	28-Nov-18	-23									•			
Ш	NB01720	NB50A-3 - Footing & Wall Structure (S4-S5)	12	19-Dec-18	04-Jan-19	22-Nov-18	05-Dec-18	-23									•			
Ш	NB01725	NB50A (225-311m) - Drainage Works (VO on 14-6-18 - delete 1	12	05-Jan-19	18-Jan-19	06-Dec-18	19-Dec-18	-23												
Ш	NB01726	manhole) NB50A (225-311m) - Drainage Works (VO on 14-6-18 - add 7 special	56	19-Jan-19	27-Mar-19	20-Dec-18	28-Feb-19	-23								ļļ				
Ш	NB01730	manholes) NB50A-3 - backfilling	6	28-Mar-19	03-Apr-19	01-Mar-19	07-Mar-19	-23												
Ш					· ·											<u> </u>				
Ш	NB01740	NB50A-3 - NB production	45	05-Jan-19	18-Feb-19	07-May-19	20-Jun-19	122								ļļ				
	NB01750	NB50A-3 - NB post & panel installation	5	04-Apr-19	10-Apr-19	21-Jun-19	26-Jun-19	61									,11			
Ш		50-6920)-FH N/B Side									-									
Ш	Noise Barri	PNB60 (0-15m)(NB60/1) Pre-drilling	4	02-Jan-17 A	06-Jan-17 A															
Ш	NB01753	NB60 (0-15m)(NB60/1, 0.19m -10nos) Piling	20	29-Jun-17 A	22-Jul-17 A											ļ				
Ш	NB01755	NB60-1 (0-15m) - Sheet piling & Excavation	6	16-Apr-19	25-Apr-19	24-May-19	30-May-19	29						<del>-</del>		ļ				
Ш		` , , <u>, , , , , , , , , , , , , , , , ,</u>		·	·		•									ļļ				
Ш	NB01757	NB60-1 (0-15m) - Footing & Wall Structure	12	26-Apr-19*	10-May-19	31-May-19	14-Jun-19	29								ļļ				
	NB017571	NB60-1 (0-15m) - Drainage Works	6	04-May-19	10-May-19	08-Jun-19	14-Jun-19	29									0			
Ш	NB01758	NB60-1 (0-15m) - Backfilling	5	11-May-19	16-May-19	15-Jun-19	20-Jun-19	29									1			
Ш	NB01759	NB60-1 (0-15m) - NB post & panel installation	5	17-May-19	22-May-19	21-Jun-19	26-Jun-19	29									0			
Ш	NB01760	NB60 (15-108m)(NB60/2-9) Pre-drilling	25	01-Jun-16 A	30-Jun-16 A										-					
Ш	NB01770	NB60 (15-63m)(NB60/1-4, 0.19m -16nos) Piling	113	08-May-18 A	19-Sep-18 A															
	NB01780	NB60-1 (15-63m) - Sheet piling & Excavation	12	20-Sep-18 A	05-Oct-18 A											<u> </u>				
	NB01790	NB60-1 -(15-63m) Footing & Wall Structure	53	06-Oct-18 A	07-Dec-18	24-Oct-18	10-Nov-18	-23								-				
Ш	NB01795	NB60-1 (15-108m) - Drainage Works	24	21-Mar-19	23-Apr-19	22-Dec-18	22-Jan-19	-72								<del></del>				
Ш	NB01796	NB60-1 (15-108m) - Drainage Works (VO on 14-6-18 & 16-10-18 - add		23-Apr-19	22-May-19	23-Jan-19	21-Feb-19	-72									<u>-</u> -			
Ш		4 manholes)		·												ļ				
Ш	NB01800	NB60-1 -(15-108m) backfilling	12	22-May-19	05-Jun-19	22-Feb-19	07-Mar-19	-72								ļļ	- <u></u>	• ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;		
	NB01810	NB60-1 - NB production	45	08-Dec-18	21-Jan-19	07-May-19	20-Jun-19	150									T			
Ш	NB01820	NB60-1 - NB post & panel installation	5	05-Jun-19	12-Jun-19	21-Jun-19	26-Jun-19	13												
Ш	NB01830	NB60-2 (108-174m)(NB60/10-15) Pre-drilling	24	03-Jul-17 A	29-Jul-17 A															
Ш	NB01840	NB60-2 (63-174m)(NB60/5-15, 0.19m -64nos) Piling	68	15-Jan-18 A	11-Apr-18 A															
	NB01850	NB60-2 (63-174m) - Sheet piling & Excavation	75	20-Apr-18 A	20-Jul-18 A										_	-				
Ш	NB01860	NB60-2 - Footing & Wall Structure	156	27-Apr-18 A	02-Nov-18 A															
	NB01865	NB60-2 (108-174m) - Drainage Works	24	11-Dec-18	10-Jan-19	09-Jan-19	07-Feb-19	22												
	NB01866	NB60-2 (108-174m) - Drainage Works (VO on 16-10-18 - add 2	12	11-Jan-19	24-Jan-19	08-Feb-19	21-Feb-19	22								<del>  </del>				
	NB01870	manholes) NB60-2 - backfilling	12	25-Jan-19	09-Feb-19	22-Feb-19	07-Mar-19	22												
	NB01880	NB60-2 - NB production	45	20-Nov-18	03-Jan-19	07-May-19	20-Jun-19	168								ļļ				
																ļļ				
	NB01890	NB60-2 - NB post & panel installation	5	11-Feb-19	15-Feb-19	21-Jun-19	26-Jun-19	106						<u>-</u>			<b>1</b>			
	NB01900	NB60 ID3-2 (174-192m), 18nos Pre-drilling	26	15-Jun-17 A	15-Jul-17 A															
	NB01910	NB60 ID3-2 (174-192m) 0.19m -18nos Piling	12	15-Mar-18 A	28-Mar-18 A															
	NB01920	NB60-ID3-2 ((174-192m) - Sheet piling & Excavation	36	29-Mar-18 A	15-May-18 A															
	NB01930	NB60-ID3-2 - Footing & Wall Structure	77	20-Jun-18 A	18-Sep-18 A															
	NB01935 NB60-ID3-2 ((174-192m) - Drainage Works 18			20-Nov-18	10-Dec-18	15-Dec-18	08-Jan-19	22							-	· <del></del>	<b> </b>		ļ	
	NB01940 NB60-ID3-2 - backfilling 12			11-Dec-18	24-Dec-18	22-Feb-19	07-Mar-19	58												
									1 1		1 1	1 1 1			1 1	;	1 1	1 1 1		
_	Remaining Leve	el of Effort Project File:WP Rev 07					Contrac	ct No. H	//2012/06						Date		ision Che	cked	Approved	
=	Actual Level of Actual Work			\ <b>\</b> /! -!!	na of Familia				Jan Chal-	lnter-!	ongo			07-Nov-1						
	Remaining Work	Layout: WP rev 7		Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange									L'I 'L	17-Aug-1 29-Mar-1						
	Critical Remain	Data Date:20-Nov-18		Works Programme - WP Rev. 7											03-Dec-18 WP Rev 7					

Milestone

Crit. Milestone

Page 14 of 48

WP Rev 07							W	P rev 7														Page 1	15 of 48 (3	-Dec-18
Activity ID	Activity Name		Original	Start	Finish	Late Start	Late Finish	Total	`	1 00	14.4		0045		0040		0047		2040		200	10	1 000	20
			Duration					Float 13			)14   J A S O	JF 4	2015 A JJJAS	N JF	2016 A JJJA	SO JIF	2017 	SIN JIF	2018 	S I DJF	20   A J		202 DJF N 3	
NB01950	NB60-ID3-2 - NB production	1	45	20-Nov-18	03-Jan-19	07-May-19	20-Jun-19	168					<del></del>											
NB01960	NB60-ID3-2 - NB post & pa	nel installation	5	04-Jan-19	09-Jan-19	21-Jun-19	26-Jun-19	136												0				
NB01970	NB60 (192-300m)(NB60/17	-25) Pre-drilling	25	03-Jul-17 A	31-Jul-17 A												-							
NB01980	NB60 (192-300m)(NB60/16	i-25, 0.19m -40nos) Piling	190	01-Feb-18 A	22-Sep-18 A													-						
NB01990	NB60-3 (192-300m) - Shee	t piling & Excavation	100	11-Jun-18 A	09-Oct-18 A															-				
NB02000	NB60-3 (192-300m) - Footi	ng & Wall Structure	82	20-Aug-18 A	26-Nov-18	24-Aug-18	30-Aug-18	-72											_					
NB02005	NB60-3 (192-300m) - Drain manholes)	age Works (VO on 16-10-18 - remain 1	6	26-Nov-18	03-Dec-18	31-Aug-18	06-Sep-18	-72												1				
NB02006	NB60-3 (192-300m) - Drain special manholes)	age Works (VO on 16-10-18 - add 11	88	03-Dec-18	21-Mar-19	07-Sep-18	21-Dec-18	-72																
NB02010	NB60-3 - backfilling		12	21-Mar-19	04-Apr-19	22-Feb-19	07-Mar-19	-24																
NB02020	NB60-3 - NB production		45	26-Nov-18	10-Jan-19	07-May-19	20-Jun-19	162																
NB02022	NB60-3 - NB post & panel i	nstallation	5	10-Jan-19	16-Jan-19	21-Jun-19	26-Jun-19	131												0				
	d Utility Works											+ +												
Undergroui NB001145	nd Utility Works CLP 11kv cable along N/B I	NB pile location disconnect by CLP	116	29-Dec-17 A	24-May-18 A			-										-					ļ	++-
NB001146	CLP 11kv cable along N/B I	NB base location disconnect by CLP	15	25-May-18 A	11-Jun-18 A			-																
UU0100	CLP cable laying and asso	ciated work before backfill in Zone 1 & 2	197	15-Aug-18 A	27-Feb-19	27-Nov-18	06-Mar-19	7																
UU0110	Towngas duct laying and as	sso ciated work before backfill in Zone 1 & 2	324	20-Apr-18 A	09-Mar-19	23-Nov-18	12-Mar-19	3													•			
UU0130	TTA, duct laying and Road	reinstatement by Towngas in Zone 1 & 2 (if	120	26-Sep-19	23-Jan-20	11-Mar-20	08-Jul-20	167															<u>_</u>	
Bridge Con	required)																							
	ng Footbridge								-									1		!				1 1
General	.g · ccgc																							
THBF0100	Site Clearance		13	24-Apr-14 A	10-May-14 A																			
THBF0330	Structure steel Shop drawing	g submission (THFB)	53	02-Oct-14 A	03-Dec-14 A						_	1												
THBF0335	Structure steel Shop drawing	g approval (THFB)	423	04-Dec-14 A	23-May-16 A																			
THBF0340	Structure steel procuremen	<u> </u>	303	22-Sep-15 A	20-Jul-16 A																			
THBF0350	Steel Staircase & Ramp pre	fabrication (THFB-TWSR-W side)	122	20-Jul-16 A	12-Dec-16 A											-								
THBF0360	· ·	ailable on site (THFB-TWSR-W side)	0	12-Dec-16 A												◆ Stee	el Staircase	& Ramp a	vailable on s	ite (THFB-	TWSR-V	√ side)		
THBF0370	Steel Staircase & Bridge pro	efabrication (THFB-TWSR-E side)	353	20-Jul-16 A	28-Sep-17 A										_									
THBF0380	Steel Staircase & Bridge av	ailable on site (THFB-TWSR-E side)	0	28-Sep-17 A													•	Steel St	aircase & Bri	dge availa	ble on s	ite (THFB-	WSR-E si	de)
THBF0390	Steel Bridge prefabrication	(THFB)	122	20-Jul-16 A	12-Dec-16 A										_									
THBF0400	Steel Bridge available on s	te (THFB)	0	12-Dec-16 A												◆ Stee	el Bridge ava	ailable on	site (THFB)					
THBF0655	Tai Hang Footbridge Comp	ete	0		04-May-19		26-Jun-19	44												04-May-1	9 <b>♦</b> Ta	i Hang Foo	tbridge Co	mplete
THBF0665	Diversion of existing pedes	trian from existing to proposed footbrdige	1	03-Feb-18 A	03-Feb-18 A																			
TWSR-Wes	st/ FL Highway N/B S THP5 - Predrilling	Side Section	3	12-Jun-14 A	14-Jun-14 A			-			ļ							ļ						
THBF0120	THP5 - Pre-bored H pile (8	nos)	63	13-Nov-14 A	28-Jan-15 A					ļ	ļļ <sub>=</sub>	<u>-</u>												
THBF0130	THP5 - Pile Test		28	20-Apr-15 A	17-May-15 A			-			<u> </u>	T												
THBF0140	THP5 - Pile cap, Pier and P	ier Head	307	31-Oct-15 A	17-Nov-16 A			-			ļ				<del>.</del>	· <del></del>								
THBF0150	THP8, THP9, - Predrilling	lei i leau	8	09-Jun-14 A	17-Nov-10 A			-			<u> </u>													
THBF0160	THP8, THP9 - Pre-bored H	nilo (8 nos)	105	08-Nov-14 A	21-Mar-15 A						ļ	<u></u> -						ļ						
THBF0170	THP8, THP9 - Pile Test	plie (6 flos)	28	20-Apr-15 A	17-May-15 A						ļ							<u> </u>						
THBF0180	THP8, THP9 - Pile cap, Pie	and Pier Head	394	13-Jul-15 A	11-Nov-16 A											<u> </u>								
THBF0180	THAB3 - Predrilling	and Flori Houd	394	09-Jun-14 A	11-Nov-16 A						ļ									ļ <b> </b>				
111010190	Transo Treatming			05 Juli-14 A	II Juli-14 A																			
		Project File:W/D Poy 07		1			0	4 NI - 1134	10040	<u> </u>					1			<u> </u>	Date I	Revision	Chaole	<u></u>	Approved	1
Remaining Lev		Project File:WP Rev 07					Contrac	t NO. HY	/2012/	Ub								07	'-Nov-16 W		CHECK	<del>'</del>	Approve0	•
Actual Work		Layout: WP rev 7			Widen	ing of Fanlir	ng Highway	- Tai Ha	na to '	Wo Hon	Shek I	Interc	hange			П			'-Aug-17 W			+		
Remaining Wo		Data Date:20-Nov-18				_			_	-			90			_L	.L_	29	-Mar-18 V	/P Rev 6		$\perp$		
Critical Remain	ning Work	Data Dato.20-140V-10					<b>Works Prog</b>	<sub>j</sub> ramme	- WP I	Rev. 7								03	3-Dec-18 V	/P Rev 7				

Milestone

Crit. Milestone

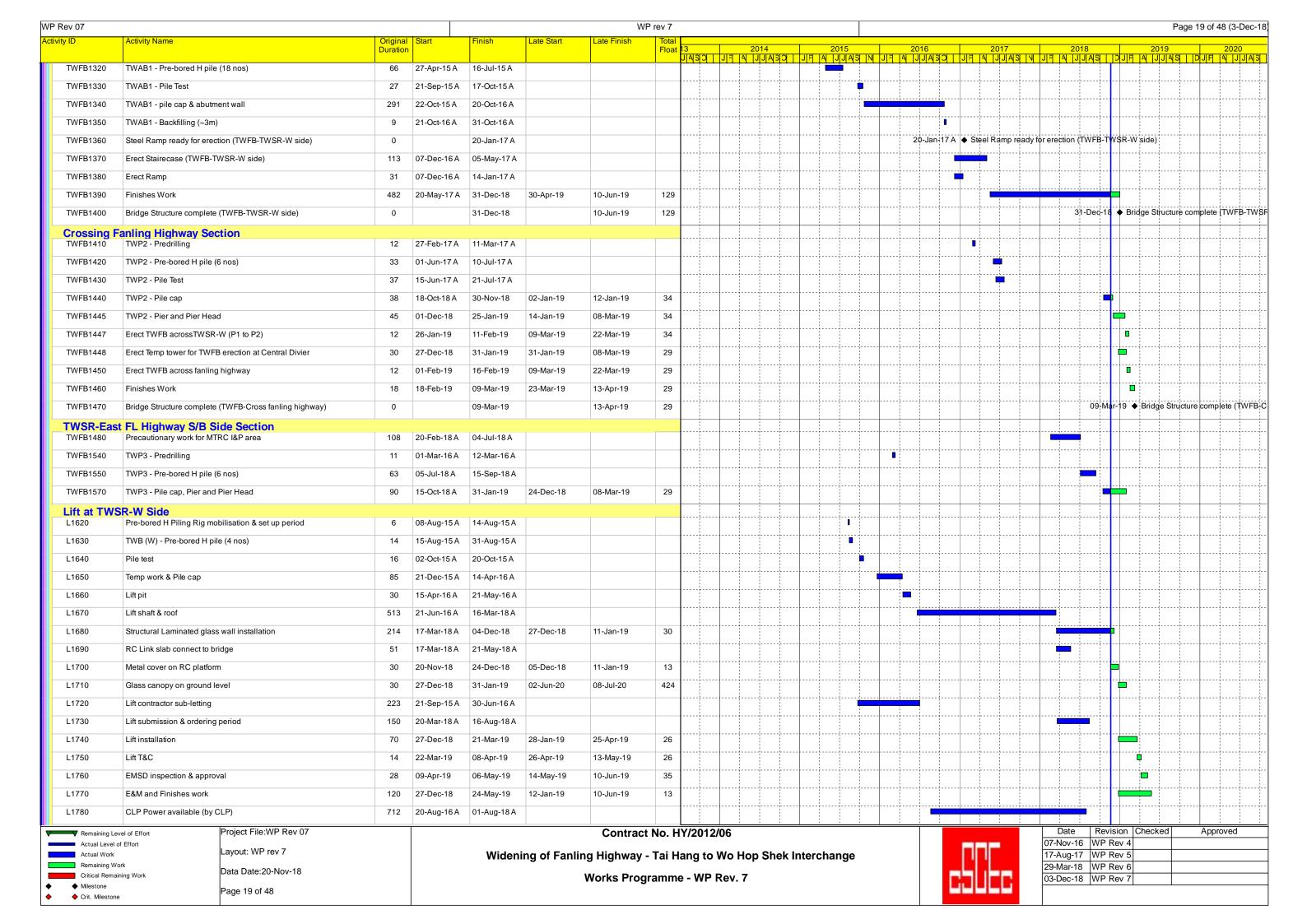
Page 15 of 48

WP Rev 07							W	P rev 7													Pa	ge 16 of 4	18 (3-Dec-18
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13			)14		2015	2016		2017		2018			2019		2020
THBF0200	THAB3 - Pre-bored H pile (	(4 nos)	79	08-Nov-14 A	11-Feb-15 A			J	CRA	JF A J	IJASO •	JF	A JJAS N J	F A JJA:	O JF	A JJAS	N JF	A JJA	S DJ	FA	JJAS	DJF	A JJAS
THBF0210	THAB3 - Pile Test		28		17-May-15 A						<del> </del>												
THBF0220	THAB3 - pile cap & abutme	ent wall	79	15-Jun-16 A	15-Sep-16 A						ļļ												
THBF0230	THAB3 - Backfilling (~4m)		43	17-Sep-16 A	·						ļļ		.		<u></u>			ļ					
THBF0235		rection (THFB-TWSR-W side)	0	17 OCP 1071	21-Jan-17 A									21- lan	-17 Δ ♠ St	eel Staircas	se ready for	erection (	HEB-TW	/SR-W s	(ahis		
THBF0240	THP6, THP7 - Predrilling	lection (THI D-TWOK-W Side)	58	10-Jun-14 A	16-Aug-14 A					-	<u> </u>												
THBF0240	THP6, THP7 - Pre-bored H	nile (44 nos)	92		14-Mar-15 A					-  <del>-</del>	ļļ		.		ļ			ļļ					
	,	pile (14 flos)		17-Nov-14 A							ļ												
THBF0260	THP6, THP7 - Pile Test	18: 11	28	20-Apr-15 A	17-May-15 A						ļļ					ļļ.		ļļ					,
THBF0270	THP6, THP7 - Pile cap, Pie	r and Pier Head	271		06-Jan-17 A					<u>-</u>													
THBF0280	THAB2 - Predrilling		8		20-Jun-14 A						ļ 					ļ	ļ	ļ					;
THBF0290	THAB2 - Pre-bored H pile (	(10 nos)	64		07-Mar-15 A																		
THBF0300	THAB2 - Pile Test		28	20-Apr-15 A	17-May-15 A																		
THBF0310	THAB2 - pile cap & abutme	ent wall	49	16-Sep-16 A	15-Nov-16 A										<u> </u>								
THBF0320	THAB2 - Backfilling (~3m)		17	27-Oct-16 A	15-Nov-16 A										•								
THBF0325	Steel Ramp ready for erect	ion (THFB-TWSR-W side)	0		06-Jan-17 A									06-Jan-	17 A ♦ Ste	el Ramp re	ady for erec	tion (THFE	3-TWSR-	W side)			
THBF0410	Erect Stairecase (THFB-TW	VSR-W side)	6	21-Jan-17 A	27-Jan-17 A						1				1								
THBF0420	Erect Ramp		12	07-Jan-17 A	20-Jan-17 A								.		•								
THBF0620	Finishes Work		527	27-Feb-17 A	05-Dec-18	11-Jun-19	26-Jun-19	163			1				-		+	<del></del>			1		
THBF0625	Bridge Structure complete	(THFB-TWSR-W side)	0		05-Dec-18		26-Jun-19	163			<u> </u>							05-Dec	-18 <b>♦</b> B	ridge St	ructure (	omplete (T	HFB-TWSR-
Crossing F	⊣ Fanling Highway Sec	tion																			+ +		
THBF0530	THP1 - Predrilling		12	20-Apr-17 A	05-May-17 A																		
THBF0540	THP1 - Pre-bored H pile (6	nos)	20	29-Jun-17 A	22-Jul-17 A				·		i					•							
THBF0560	THP1 - Pile cap, Pier and P	Pier Head	94	29-Jul-17 A	18-Nov-17 A										1								
THBF0575	Erect Temp Tower at centra	l divider	8	20-Nov-17 A	28-Nov-17 A																		
THBF0580	Erect THFB across fanling I	highway	2	29-Nov-17 A	30-Nov-17 A						ļ		111					<u> </u>					
THBF0590	Finishes Work		135	20-Jun-18 A	28-Nov-18	18-Jun-19	26-Jun-19	169							İ								
THBF0600	Bridge Structure complete	(THFB-Cross fanling highway)	0		28-Nov-18		26-Jun-19	169										28-Nov	18 <b>♦</b> B	ridge St	ructure c	omplete (T	HFB-Cross fa
TWSR-Eas	st FL Highway S/B Si	de Section																			+ +		
THBF0430	Precautionary work for MTF		39	01-Apr-14 A	22-May-14 A					-							!						
THBF0432	Trial pit for locating C350 w	<i>r</i> a te rmain	36	15-Mar-14 A	30-Apr-14 A					<u> </u>	ii												
THBF0435	Pending fo RE & WSD info	rmation for C350 location	45	01-May-14 A	25-Jun-14 A					_	i				1		†	†					
THBF0436	Trial pit for locating C350 w	vatermain (2nd trial)	18	10-Jul-14 A	30-Jul-14 A					1	•												
THBF0440	THAB1 - Predrilling		82	20-Mar-15 A	30-Jun-15 A						<del> </del>							ļ					
THBF0470	THAB1 - pile cap & abutme	ent wall	632	21-Nov-16 A	14-Jan-19	23-Jan-19	18-Mar-19	52			1 1						<u> </u>						
THBF0480	THAB1 - Backfilling (~3m)		20	15-Jan-19	08-Feb-19	19-Mar-19	11-Apr-19	52												<u></u>			
THBF0490	THP2 - Predrilling		3	19-Mar-15 A	21-Mar-15 A										<del> </del>								
THBF0500	THP2 - Pre-bored H pile (8	nos)	40	11-Nov-15 A	29-Dec-15 A																		
THBF0510	THP2 - Pile Test	,	105	16-Feb-16 A	30-May-16 A						<del> </del>							<del> </del>					
THBF0520	THP2 - Pile cap, Pier and F	Pier Head	124	20-Mar-17 A	19-Aug-17 A						ļ												
THBF0570	Erect Stairecase (THFB-TW		30	09-Feb-19	15-Mar-19	12-Apr-19	21-May-19	52															
THBF0640	Finishes Work	volv-L side)	30	16-Mar-19		22-May-19	26-Jun-19	52		-	ļ												,
		/THED TWOD E -:-!-		16-Mai-19	24-Apr-19	22-May-19					ļ <u>.</u>					ļ		ļ	04 May	1	Dridge	`t====================================	manlete /TUE
THBF0645	Bridge Structure complete	(IULD-IMOK-E SIGE)	0		04-May-19		26-Jun-19	44							!				u4 Ivia	7-19	Diage S	uuciure cor	mplete (THFI
Daniel Control	aval of Effort	Project File:WP Rev 07		<u> </u>			Contrac	No UV	/2042	/ne				I				Date	Revision	n Chec	cked	Appro	oved
Remaining Le	of Effort																07-1	Nov-16 \	NP Rev	4		, , pp10	
Actual Work Remaining W	ork	Layout: WP rev 7			Wideni	ng of Fanlir	ng Highway	- Tai Har	ng to	Wo Hop	Shek	Inter	change			I		Aug-17 \ Mar-18 \					
Critical Rema		Data Date:20-Nov-18					Works Prog	ramme -	- WP	Rev. 7								Dec-18 \			+		
◆ Milestone  ◆ Crit Milestone	Δ.	Page 16 of 48					_																

WP	Rev 07							WF	P rev 7											Page 17 of	48 (3-Dec-18)
Acti	vity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13		2014 		2015 F A JJAS I		2016   J.J.A.S.O.   J.J.F.	2017 	2018   J F  A  J J		2019 F  A  J J A	SIDJF	2020  A   J  J  A  S
	THBF0700	THP3 - Predrilling		4	23-Mar-15 A	26-Mar-15 A															
	THBF0710	THP3 - Pre-bored H pile (4	nos)	27	09-Sep-15 A	12-Oct-15 A															
Ш	THBF0720	THP3 - Pile Test		105	16-Feb-16 A	30-May-16 A									I						
Ш	THBF0730	THP3 - Pile cap, Pier and F	Pier Head	99	26-Nov-16 A	01-Apr-17 A										•					
Ш	THBF0740	THP4 - Predrilling		6	27-Mar-15 A	02-Apr-15 A															
Ш	THBF0750	THP4 - Pre-bored H pile (4	nos)	17	13-Oct-15 A	02-Nov-15 A										† <u> </u>					
	THBF0760	THP4 - Pile Test		105	16-Feb-16 A	30-May-16 A									1						
	THBF0770	THP4 - Pile cap, Pier and F	Pier Head	207	20-Jul-16 A	01-Apr-17 A															
Ш	THBF0785	Reconstruction of existing	span between P4 and existing pier	6	27-Jan-18 A	02-Feb-18 A															
	THBF0790	Erect steel bridge from THF	P2 to THP4	33	29-Sep-17 A	09-Nov-17 A															
	THBF0800	ABWF work		30	20-Nov-18	24-Dec-18	22-May-19	26-Jun-19	147												
	Lift at TWS	SR-W Side																			
	L1470	Pre-bored H Piling Rig mo	bilisation & set up period	11	15-Dec-15 A	29-Dec-15 A															
	L1480	THB (W) - Pre-bored H pile	e (4 nos)	11	29-Dec-15 A	11-Jan-16 A								•							
	L1500	Temp work & Pile cap		20	15-Jun-16 A	08-Jul-16 A															
	L1510	Lift pit (NF115)		6	09-Jul-16 A	15-Jul-16 A															
	L1520	Lift shaft & roof		321	16-Jul-16 A	18-Aug-17 A															
	L1530	Structural Laminated glass	wall installation	147	20-Apr-18 A	15-Oct-18 A															
Ш	L1540	RC Platform connect to brid	dge	12	23-Oct-17 A	06-Nov-17 A															
Ш	L1550	Metal cover on RC platform	1	42	20-Sep-18 A	10-Nov-18 A															
Ш	L1555	Glass canopy on ground le		37	12-Nov-18 A	24-Dec-18	22-May-19	26-Jun-19	147												
Ш	L1556	Lift contractor sub-letting		223	21-Sep-15 A	30-Jun-16 A															.
Ш	L1557	Lift submission & ordering	period	258	02-Jul-16 A	20-May-17 A															
Ш	L1560	Lift installation (NF115)		77	12-Nov-18 A	14-Feb-19	15-Feb-19	13-May-19	70										<sub></sub>		
Ш	L1570	Lift T&C		14	15-Feb-19	02-Mar-19	14-May-19	29-May-19	70										_		
	L1580	EMSD inspection & approv	val	28	02-Mar-19	30-Mar-19	30-May-19	26-Jun-19	88												
Ш	L1590	E&M and Finishes work	ui	120	20-Nov-18	15-Apr-19	29-Jan-19	26-Jun-19	57										4		
Ш	L1600	CLP Power available (by C	עם ויי	632	21-Jun-16 A	14-Mar-18 A	25-5411-15	20-3411-13													
Ш		Lift available - NF115-Lift 1	,LF)		21-Juli-10 A			26-Jun-19	57									15 Apr 1	10 A Lift ove	ailable - NF11	5 Lift 1
	L1610			0		15-Apr-19												1		Completion I	
	L1800	THFB Completion Date		0		04-May-19		26-Jun-19	44									04-May	19 <b>▼</b> 1FIFE	Completion	pale
Ш	Lift at FLH'	Y S/B THB (E) - Pre-bored H pile	- NF78 (8 nos)	66	31-Dec-15 A	30-Mar-16 A															
Ш	L1350	Temp work & Pipe cap		67		06-Sep-16 A															
Ш	L1360	Lift pit		11		20-Sep-16 A															
Ш	L1370	Lift shaft & roof		573		31-Aug-18 A															
Ш	L1380	Structural Laminated glass	wall installation	30	22-Nov-18*	28-Dec-18	22-Nov-18	28-Dec-18	0												
	L1390	RC Platform connect to brid		50	20-Sep-18 A	20-Nov-18 A		20 200 10													
	L1400	Roof cover for RC Platform		30	20-Nov-18	24-Dec-18	27-Nov-18	03-Jan-19	6												
	L1410	Lift installation (NF78)		70	29-Dec-18	23-Mar-19	04-Jan-19	28-Mar-19	4									<b>[</b> <u> </u>			
		Lift T&C							5												
	L1420 L1430	EMSD inspection & approv	val	28	23-Mar-19 06-Apr-19	06-Apr-19 04-May-19	29-Mar-19 12-Apr-19	11-Apr-19 09-May-19	5												<u> </u>
Ш		E&M and Finishes work	'aı		•	•	·		7							ļļļ		<u></u>			
	L1440	Law and Finishes Work		100	27-Dec-18	30-Apr-19	05-Jan-19	09-May-19	/												
	Remaining Lev	vel of Effort	Project File:WP Rev 07					Contract	No HV/	2012/0	16						Date	Revision	Checked	App	roved
	Actual Level o	of Effort	Layout: WP rev 7				_					-					07-Nov-16	WP Rev 4	4		
	Actual Work  Remaining Wo	ork				Wideni	ng of Fanli	ng Highway -	Tai Han	g to V	o Hop SI	nek Inte	erchange		l l	"	17-Aug-17 29-Mar-18				
•	Critical Remain	ning Work	Data Date:20-Nov-18					<b>Works Prog</b>	ramme -	WP R	ev. 7						03-Dec-18				

Page 17 of 48

VP Rev 07							WI	P rev 7														Page 1	18 of 48	3 (3-Dec-18)
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13		2014		2015		2016		2017		2018		201	9	2	2020
L1450	CLP Power available (by C	N.D.		21-Jun-16 A	20-Dec-18	26-Feb-19	28-Mar-19	98	<b>LEPIT</b>	JE		SO JIF		SINJIF		JF		N JF	A JUAS	TDJF				
	` ,	(LF)		21-Jun-16 A		20-reb-19								ļļ										
L1460	Lift available - NF78		0		04-May-19		09-May-19	4											<u>i i i</u>		ii.	t available		
L1490	THFB Completion Date		0		04-May-19		26-Jun-19	44												04-May-1	9 <b>♦</b> TH	IFB Compl	letion Da	ate
	f Existing Tai Hang F																							
TWSR-Wes Z2.THF.1040	st/ FL Highway N/B : Temporary steel ramp cons		34	17-Jul-15 A	25-Aug-15 A																			
									ļ		ļ		ļ <u>i</u>	ļļ										
Z2.THF.1050		rance of Tai Hang Footbridge	5	26-Aug-15 A							<u> </u>								ļ					
Z2.THF.1060	Diversion of existing pedes	strian to temporary steel ramp	3	01-Sep-15 A	03-Sep-15 A								i											
Z2.THF.1070	Temporary support installate Footbridge	tion to removal portions of Tai Hang	22	04-Sep-15 A	30-Sep-15 A									•										
Z2.THF.1080	Removal of portion of Tai H	ang Footbrdige for THP1 works	33	02-Oct-15 A	10-Nov-15 A																			
Z2.THF.1120	Demolish existing Tai Hang	g footbridge (TWSR-W side)	6	05-Feb-18 A	10-Feb-18 A						<del></del>		‡					ı						
	anling Highway Sec																							
Z2.THF.1090	Erect Temp platform for brid	dge demolition	22	18-Dec-17 A	15-Jan-18 A													<b>†</b>						
Z2.THF.1100	Demolish existing Tai Hang	g Footbridge	2	03-Feb-18 A	05-Feb-18 A													1						
Z2.THF.1110	Removal of temporary platt	form	5	06-Feb-18 A	10-Feb-18 A													ı						
Z2.THF.1130	Demolish remaining colum	n	5	06-Feb-18 A	10-Feb-18 A						<del> </del>		<del></del>					1						
New Tai Wo	Footbridge																				# #		+ †	
General	lau ai		1								<u>-</u>	<u></u>	ļ						<u></u>					
TWFB1010	Site Clearance		53		28-Oct-14 A																			
TWFB1020	Structure steel Shop drawing	ng submission (TWFB)	31	29-Oct-14 A	03-Dec-14 A																			
TWFB1030	Structure steel Shop drawing	ng approval (TWFB)	450	04-Dec-14 A	24-Jun-16 A																			
TWFB1040	Structure steel procuremen	t (TWFB)	358	22-Aug-15 A	13-Aug-16 A								_											
TWFB1050	Steel Staircase & Ramp pro	efabrication (TWFB-TWSR-W side)	105	15-Aug-16 A	17-Dec-16 A							1				-							1	
TWFB1060	Steel Staircase & Ramp av	ailable on site (TWFB-TWSR-W side)	0	17-Dec-16 A										1		♦ Stee	Staircase 8	Ramp ava	ilable on sit	e (TWFB	-TWSR-\	V side)		
TWFB1090	Steel Bridge prefabrication	(TWFB)	669	15-Aug-16 A	20-Nov-18 A									<del></del>					i i i					
TWFB1100	Steel Bridge available on s	site (TWFB)	0	22-Nov-18*		22-Nov-18		0			¦	÷	ļ	÷						→ Stee	l Bridge	available	on site (	TWFB)
TWFB1110	Tai Wo Footbridge Comple		0		24-May-19		10-Jun-19	13			 									24-May	-19 ◆ T	ai Wo Foo	otbridge (	Complete
							1.7.7													<del>                                     </del>	+ +	$\stackrel{\vdash}{-}$	+	
TWFB1130	st/ FL Highway N/B : TWP1 - Predrilling	Side Section	4	02-Aug-14 A	06-Aug-14 A						1			<del></del>										
TWFB1140	TWP1 - Pre-bored H pile (8	3 nos)	82	22-Apr-15 A	30-Jul-15 A						ļ	+		·										
TWFB1150	TWP1 - Pile Test	,	25		17-Oct-15 A				l		<u> </u>		ļ	<u> </u>										
TWFB1160	TWP1 - Pile cap, Pier and	Diar Haad	250	·	17-Dec-16 A									Ţ <u></u>					}}					
		riei i leau												ļļ										
TWFB1210	TWAB2 - Predrilling		2		22-Oct-14 A							1'	l											
TWFB1220	TWAB2 - Pre-bored H pile	(4 nos)	50	18-Apr-15 A	17-Jun-15 A				ļ		ļļ.		ļ ——— ļ	<u> </u>										
TWFB1230	TWAB2 - Pile Test		26	25-Sep-15 A	20-Oct-15 A									-										
TWFB1240	TWAB2 - pile cap & abutmo	ent wall	148	20-Jul-16 A	14-Jan-17 A																			
TWFB1250	TWAB2 - Backfilling (~4m)		63	12-Nov-16 A	27-Jan-17 A											+			,		-7			
TWFB1260	Steel Staircase ready for e	rection (THFB-TWSR-W side)	0		27-Jan-17 A									1	27-Jan-1	7 A ♦ Ste	eel Staircas	e ready for	erection (TH	FB-TWS	R+W side	<del>)</del>		
TWFB1270	TWP4, TWP5 - Predrilling		8	21-Jun-14 A	30-Jun-14 A							<del></del>		†										
TWFB1280	TWP4, TWP5 - Pre-bored I	H pile (14 nos)	71	11-May-15 A	04-Aug-15 A									<del>   </del>										
TWFB1290	TWP4, TWP5 - Pile Test		40	05-Oct-15 A	13-Nov-15 A							<del></del>		<b>-</b>									-	
TWFB1300	TWP4, TWP5 - Pile cap, Pi	er and Pier Head	299	16-Nov-15 A	23-Nov-16 A							+	ļ	÷ <u></u>										
TWFB1310	TWAB1 - Predrilling		37		09-Aug-14 A				ļ		ļ <u>.</u>	+		<del></del>										
111.2.010													1 1						<u> </u>					
D	val at Effort	Project File:WP Rev 07	I				Contract	No L	V/204	2/06									Date R	evision	Checks	<u>d</u>	Approv	ved
Remaining Lev  Actual Level of		,																		P Rev 4		<u> </u>		
Actual Work Remaining Wo	ork	Layout: WP rev 7			Wideni	ng of Fanlin	g Highway	- Tai H	ang to	o Wo	Hop Sh	ek Interd	change				II .		Aug-17 WI					
Critical Remain		Data Date:20-Nov-18				,	Works Prog	ramme	e - WF	Rev.	7					ᇜ	JEC I		Mar-18 WI Dec-18 WI			+		
<ul><li>♠ Milestone</li><li>♠ Crit Milestone</li></ul>		Page 18 of 48					3		- <b>-</b>										- 1-1-					



WP Rev 07							W	P rev 7													Pag <sup>r</sup>	e 20 of 48 (	3-Dec-18
Activity ID	Activity Name	Ori Dur	ginal ration	Start	Finish	Late Start	Late Finish	Total Float	13	20		20		201		2017			2018	$\blacksquare$	2019		020
L1790	Lift available - NF116-Lift 1		0		24-May-19		10-Jun-19	13	JASO   	JF A J	JASO	JF A J	JAS N	JE A J.		FAJJ	AS N	JF A			<mark>₹  A  J J AS  </mark> y-19 ♦ Lift availa		JJAS 6-Lift 1
L1810	New Tai Wo footbridge completion		0		24-May-19		26-Jun-19	27												24-Mav	y-19 ♦ New Tai\	No footbride	ie comple
	ai Wo Footbridge				., .															#			
Design Wo																				+			
TWFB-T1000	Procurement of Temporary bridge Design consultant		69	24-Mar-14 A	19-Jun-14 A																		
TWFB-T1010	Design preparation	2	274	20-Jul-15 A	27-Jun-16 A				1														
TWFB-T1020	Engineer Comment	1	30	28-Jun-16 A	30-Nov-16 A						<u>-</u>				1								
TWFB-T1030	Design amendment	9	94	01-Dec-16 A	31-Mar-17 A				1														
TWFB-T1040	Design Available		0		31-Mar-17 A										31-Mar-17	A 🔷 Desigr	n Available	<b>e</b>					
Construction				1																			
TWFB-T1050	TTA for Temp ramp working space	4	48	20-May-15 A	17-Jul-15 A																		
TWFB-T1060	Erect Temp Ramp	1	38	18-Jul-15 A	31-Dec-15 A																		
TWFB-T1065	TW Bridge Ramp at TWSR-W available		0		31-Dec-16 A									31-0	ec-16 A ◆	TW Bridge F	Ramp at T	NSR-W a	available				
TWFB-T1070	TWFB across TWSR-W available		0		25-Sep-17 A										2	25-Sep-17 A	A ♦ TWFI	3 across	TWSR-W	/ availa	ble		
TWFB-T1072	Piling work for NB60 bay 1 (0.19m -10no)		19	29-Jun-17 A	21-Jul-17 A				1														
TWFB-T1073	PCCW re-access temp tower location at TWSR-W to reduct	einstate cable	18	11-Aug-17 A	31-Aug-17 A				1		<del> </del>						•						
TWFB-T1074	Erect Temp tower at TWSR-W		9	01-Sep-17 A	11-Sep-17 A				1														
TWFB-T1076	Connect Temp Bridge to new TW bridge at TWSR-W		2	12-Sep-17 A	13-Sep-17 A																		
TWFB-T1078	Temp footing at NB60 bay 1		6	16-Aug-17 A	22-Aug-17 A				<del> </del>								1						
TWFB-T1079	Erect Temp tower at NB60 bay 1		5	25-Aug-17 A	30-Aug-17 A												1						
TWFB-T1080	Erect Temp bridge from TWP1 to P2 to Existing Bridge		1	12-Sep-17 A	12-Sep-17 A																		
TWFB-T1090	Diverse Pedestrain to TWFB ramp		0	13-Sep-17 A	13-Sep-17 A																		
TWFB-T1100	Demolish Temp Ramp & laying temp road for TTA		9	14-Sep-17 A	23-Sep-17 A																		
TWFB-T1190	TTA for temp column at new FLHY central divider		2		24-Sep-17 A																		
TWFB-T1195	G54 footing at central divider		_ 29	25-Sep-17 A					<del> </del>														
	Erect temp column at new FLHY central divider		14	04-Jan-18 A	19-Jan-18 A																		
	Erect Temp Column & link bridge at FLHY N/B (besides		1		12-Sep-17 A				<b></b>														
	Ist bay)  Erect Temp Column & link bridge at 1 E111 N/B (besides 1 1st bay)		32	15-Jan-18 A	23-Feb-18 A				ļ														
	(besides TW-P3)								ļ														
				24-Jan-18 A	05-Feb-18 A				ļ												omplete & pedesti		_
TWFB-T1220	Temp TW bridge complete & pedestrian diversion		0		20-Mar-18 A												20-Mar-18	A ♥ Ien	np i vv bri	lage co	mpiete & pedesti	an diversion	1
TWFB-T1240	Removed Temp Footbridge	;	30	11-Mar-19	15-Apr-19	15-Apr-19	23-May-19	29															
	f Existing Tai Wo Footbridge																		+	$+\!\!+\!\!-$			+++
	tt/ FL Highway N/B Side Section Demolish existing ramp & staircase at TWSR-W		12	02-Jan-16 A	15-Jan-16 A																		
TWFB-T1135	Demolish existing TWFB across TWSR-W		2	14-Nov-16 A	15-Nov-16 A				<del></del>														
TWFB-T1230	Watermain & Firemain at NB58 & backfill		55	29-Aug-16 A	03-Nov-16 A																		
Crossing F	anling Highway Section																		+++	+			
	Demolish existing Tai Wo Footbridge		10	20-Mar-18 A	03-Apr-18 A				1									•					
TWFB-DE1110	Demolish existing Tai Wo Footbridge complete (across	FH)	0		03-Apr-18 A												03-Apr-18	3 A ♦ D€	emolish e	xsting	Tai Wo Footbridg	e complete	(across Fl
Signalized .	Junction																			+			
_New Tai Han	g Footbridge																						
TWSR-Wes	st/ FL Highway N/B Side Section Installation of Traffic Signal Poles at TWSR-W N/B (Tai	hang Junction)	21	23-Apr-19	17-May-19	08-May-19	31-May-19	12			<del> </del>												
THBF0650	Ducting & Cable Draw Installation (Tai hang Junction)		30	18-Feb-19	23-Mar-19	04-Mar-19	08-Apr-19	12															
11101 0030	Dadwing & Cable Draw Installation (Tal Hally Suitchoff)	,	50	10-1 GD-18	20-iviai-19	UT-IVIAI-18	00-Vhi-19	12												Ш'			
Remaining Lev	rel of Effort Project File:WP Rev 07						Contract	t No. F	IY/2012	/06								Date	Re	vision	Checked	Approve	ed
Actual Level of	'				\A/: -1 =						Oh alai	atamal: =			3				-16 WP				
Actual Work  Remaining Wo	,				vviden	•	ng Highway		•	-	onek li	iterchar	ige			<u>'</u>   '			-17 WP -18 WP				
Critical Remain  ◆ Milestone	ning work						Works Prog	gramm	e - WP I	Rev. 7									-18 WP				
Crit Milestone	Page 20 of 48																	i					

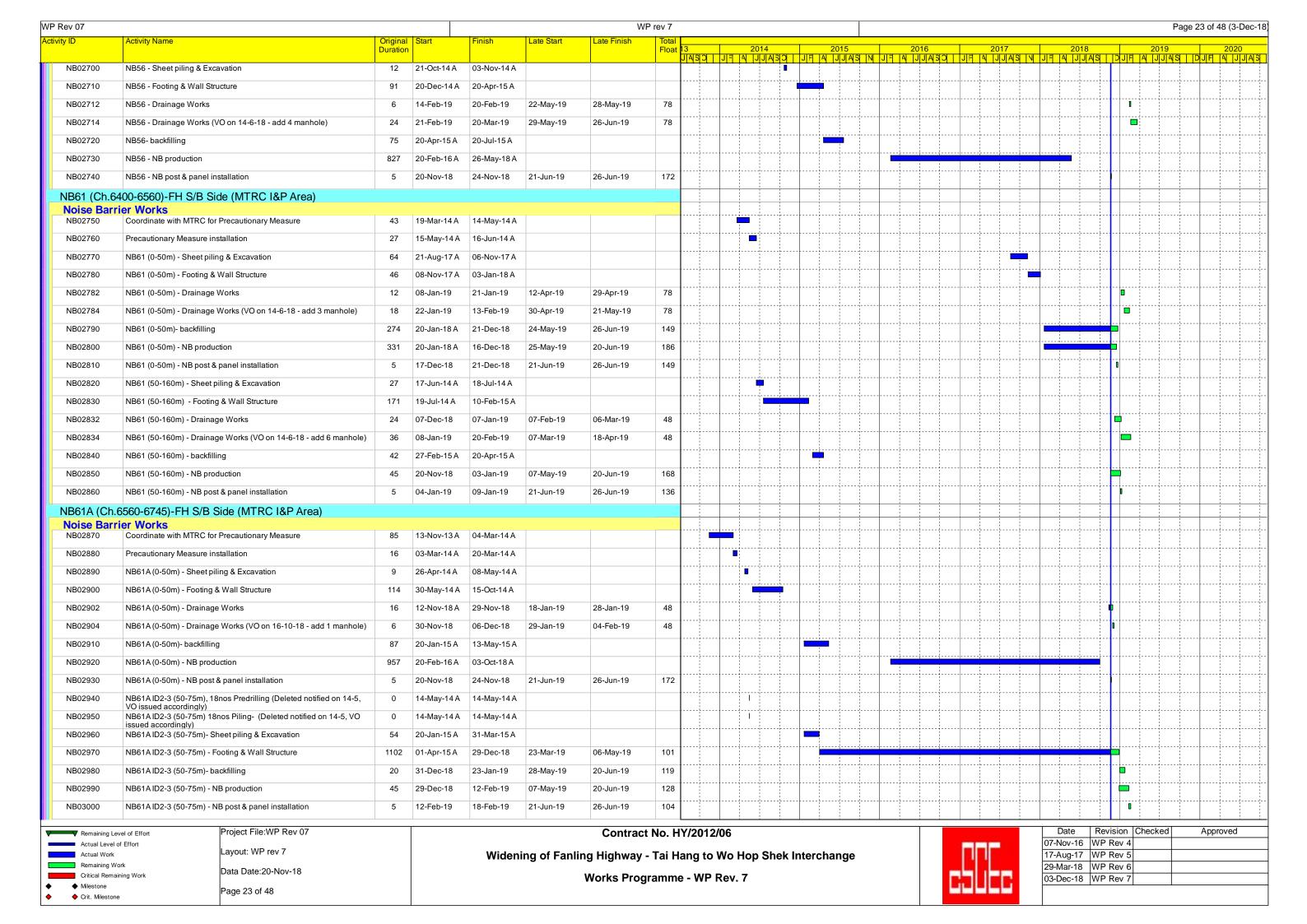
W	P Rev 07															Page 2	1 of 48 (3	-Dec-18)					
Ac	ctivity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13 	2014		2015	2016 [A] [J][A]		2017   4   J  J  A  S		2018 [A] [J][A]S		20 JIE JA J.	019   .  A S       D	202 JIF [A] [	
П	THBF0660	Installation of Traffic Signal	Poles at TWSR-W S/B (Tai hang Junction)	21	25-Mar-19	18-Apr-19	09-Apr-19	07-May-19	12					11 1919171	<u> </u>	1 10101,10		100/10					101,10
Н	THBF0670	E-prom ordering by EMSD	(Tai hang Junction)	90	20-Nov-18	17-Feb-19	04-Dec-18	03-Mar-19	14								<u> </u>			-			
П	THBF0680	Ducting & cable draw inspe	ection by EMSD (Tai hang Junction)	6	25-Mar-19	30-Mar-19	29-May-19	04-Jun-19	51					† <u>†</u>						B.			
Н	THBF0690	Ducting & cable draw rectifi	ication (Tai hang Junction)	12	01-Apr-19	15-Apr-19	05-Jun-19	19-Jun-19	51								ļ			·			
Н	THBF0692	PCCW cable installation &	connection (Tai hang Junction)	6	18-May-19	24-May-19	20-Jun-19	26-Jun-19	27							 							
Н	THBF0694	EMSD cable & equipment in	nstallation (Tai hang Junction)	21	18-May-19	12-Jun-19	01-Jun-19	26-Jun-19	12					·}		 							
Н	THBF0696	Traffic Signal Installation co	omplete (Tai hang Junction)	0		12-Jun-19		26-Jun-19	12										12-	Jun-19 <b>◆</b>	Traffic Sign	al Installat	ion comp
		t Construction	1 (																				+ +
	Drainage & F															i i i i i i i i i i i i i i i i i i i							
Ш	Ch 5880-674	40																					
Ш	RDZ20140	, ,	WSR- West Road works (2 lanes) complete			24-Aug-19		26-Jun-19	-50					ļ	ļ	i i 				24-Aug-1	19 <b>♦</b> Z2 (Cl	15880-693	0) : New
Ш	RDZ20160	Z2 : New TWSR-West D&R		157	01-Nov-16 A	20-May-17 A																	
	RDZ20170	Z2 : New TWSR-West D&R	Works (lane 2)	63	12-Jun-19	24-Aug-19	08-Mar-19	25-May-19	-76											•			
		er Along Fanling H 5880-5935)-FH S/B S																					
Ш	Noise Barri	er Works																					
Ш	NB02200	NB46A - Sheet piling & Exc		103	03-Jun-17 A	03-Oct-17 A										1 1							
Ш	NB02210	NB46A - Footing & Wall Str	ructure	113	17-Jun-17 A	31-Oct-17 A																	
П	NB02220	NB46A- backfilling		16	01-Nov-17 A	18-Nov-17 A																	
	NB02230	NB46A - NB production		51	03-Oct-17 A	22-Nov-17 A																	
П	NB02240	NB46A - NB post & panel in	nstallation	7	23-Nov-17 A	30-Nov-17 A											1						
П	NB03070	VO70 issued		0	04-May-16 A									♦ VO70 i	ssued								
П	NB03230	Sheet piling for DN600 wat	ermain diversion work (VO70)	15	20-Feb-17 A	08-Mar-17 A										   							
	NB03240	Excavation & DN600 pipe Is	aying	58	08-Mar-17 A	20-May-17 A											<u> </u>					<del> </del>	
П	NB03300	DN600 water connection by	y WSD	2	22-May-17 A	23-May-17 A																	
П	NB03310	DN600 watermain diversion	n complete	0		23-May-17 A									23-May-17	A ◆ DN60	0 watermain	ı diversion	comple	te			
	NB51 (Ch.59	935-6055)-FH S/B Sid	de												1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
П	Noise Barri		D. 1.111 (D.1.1.1.1.1.117.117.1.1.1.1.1.1.1.17.117.1	0	44.04	44.04. 44.0												ļļ					
П	NB02250	issued accordingly)	s Predrilling (Deleted notified on 14-5, VO	0	14-May-14 A																		
П	NB02260	issued accordingly)	Piling- (Deleted notified on 14-5, VO	0	14-May-14 A						ļļ. ' į					 					ļ		
Ш	NB02270	NB51 ID1-3 (0-25m) - Shee		19	22-Jan-15 A	12-Feb-15 A																	
	NB02280	NB51 ID1-3 (0-25m) - Footi		62	01-Dec-16 A	22-Feb-17 A										 					ļļ!		
Ш	NB02290	NB51 ID1-3 (0-25m) - back	filling	46	23-Feb-17 A	21-Apr-17 A									_								
П	NB02300	NB51 ID1-3 (0-25m) - NB p	roduction	472	20-May-17 A	03-Sep-18 A																	
П	NB02310	NB51 ID1-3 (0-25m) - NB p	ost & panel installation	5	20-Nov-18	24-Nov-18	21-Jun-19	26-Jun-19	172														
	NB02320	NB51(25-118m) - Sheet pili	ing & Excavation	105	29-Oct-16 A	11-Mar-17 A																	
	NB02330	NB51(25-118m) - Footing &	& Wall Structure	88	13-Mar-17 A	30-Jun-17 A																	
	NB02340	NB51(25-118m)- backfilling	)	118	03-May-17 A	20-Sep-17 A								·									
П	NB02350	NB51(25-118m) - NB produ	uction	30	01-Jun-17 A	30-Jun-17 A																	
	NB02360	NB51(25-118m) - NB post 8	& panel installation	17	03-Jul-17 A	21-Jul-17 A								<del></del>			<u> </u>						
	NB03360	NB51(bay 15) - Footing & V	Vall Structure & backfill	35	06-May-19	15-Jun-19	10-May-19	20-Jun-19	4					·}						-			
	NB03370	NB51(bay 15) - NB post & p	panel installation	5	17-Jun-19	21-Jun-19	21-Jun-19	26-Jun-19	4								<u> </u>				i		
	NB52 (Ch.60	⊥ )55-6125) -FH S/B Sid	de (MTRC I&P Area)																				+++
	Noise Barri		(																				
-	Remaining Lev	rel of Effort	Project File:WP Rev 07					Contrac	t No. H	Y/2012	<b>706</b>							Date F	Revisio	n Check	red	Approved	t
	Actual Level of	f Effort	Layout: WP rev 7			\A/: -1 =						. Inter-1						Nov-16 W	VP Rev	<i>i</i> 4			
	Actual Work Remaining Work	rk				Widen	ing of Fanli	ng Highway	- ıaı Ha	ang to	Wo Hop Shek	k interch	ange			"		Aug-17 W Mar-18 W			+-		
	Critical Remain	ning Work	Data Date:20-Nov-18	Works Programme - WP Rev. 7														Dec-18 W					

Milestone

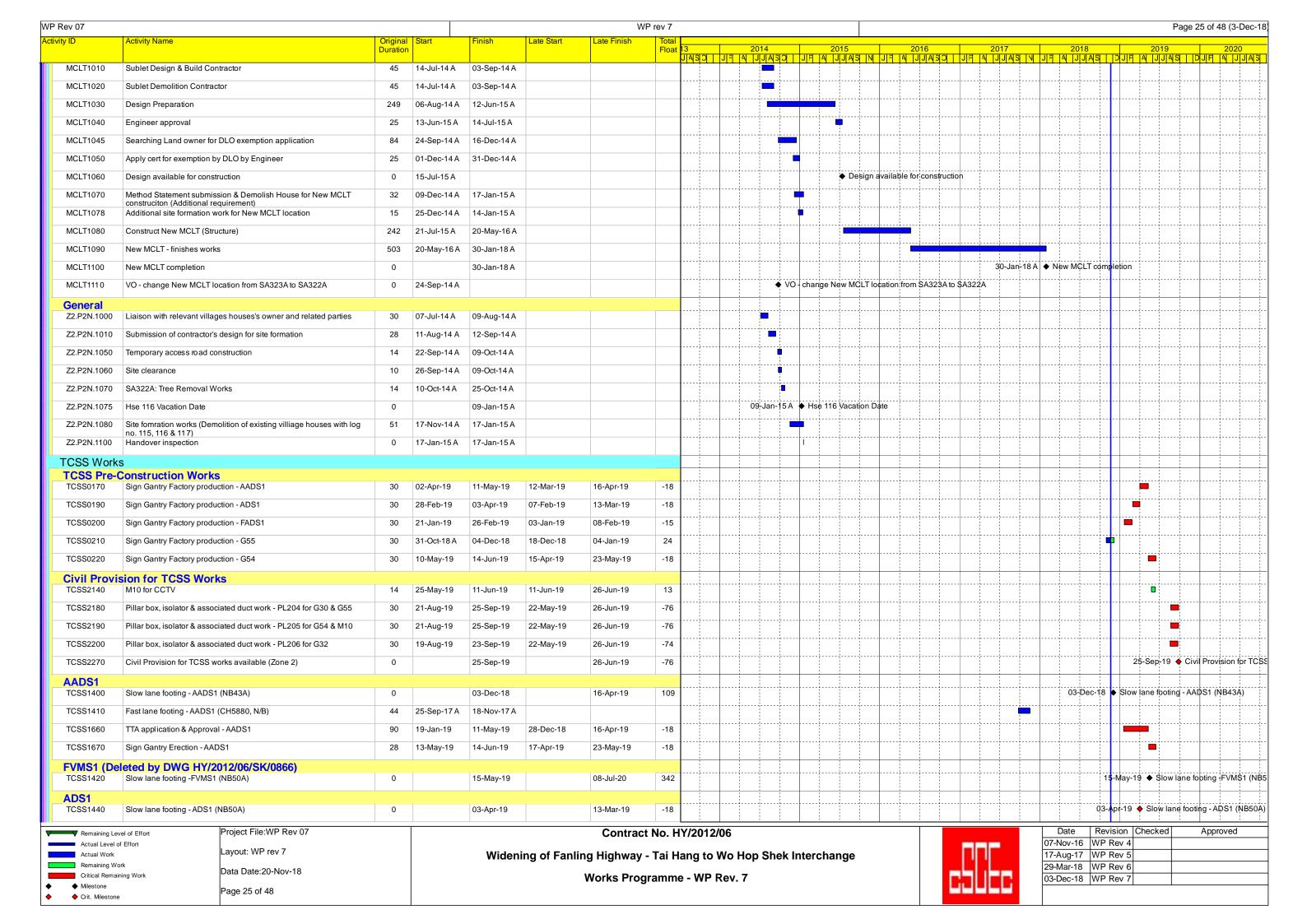
Crit. Milestone

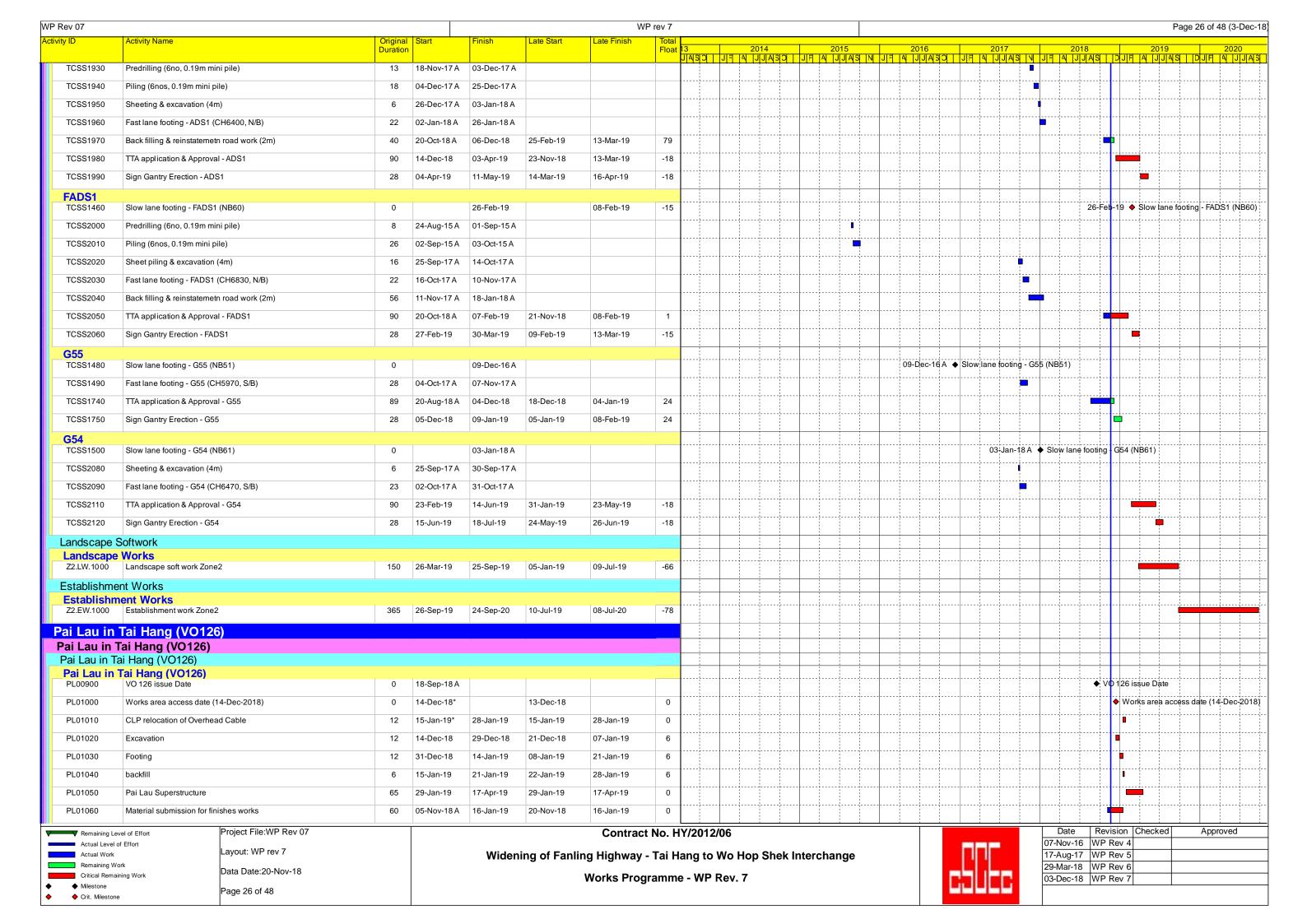
Page 21 of 48

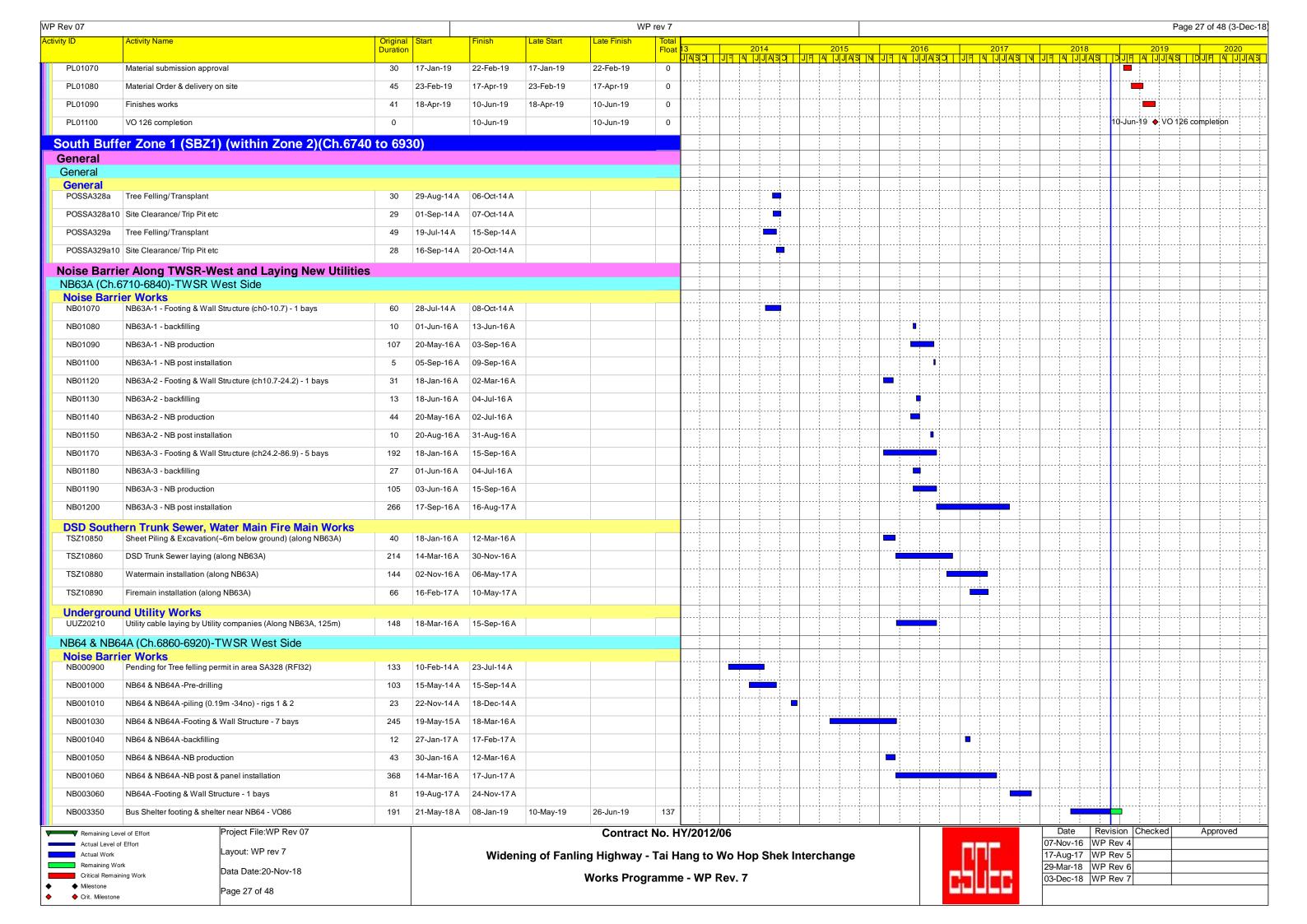
WP Rev 07						WF	P rev 7									Page	22 of 48 (	(3-Dec-18)
Activity ID	Activity Name	Origin: Duratio	al Start	Finish	Late Start	Late Finish	Total Float	13	2014	2015		2016	2017	2	018	2019	20	020
NB02370	NB52 - Sheet piling & Excava	tion 177	04-Nov-16 A	17-Jun-17 A				JEBPI :			<u> N   J =  A</u> 			N JF A .	JIJIAIS I		JJF A	
NB02380	NB52 - Footing & Wall Structu	ure 192	18-Nov-16 A	20-Jul-17 A														
NB02390	NB52- backfilling	79	18-May-17 A	20-Aug-17 A														
NB02400	NB52 - NB production	64	18-May-17 A	20-Jul-17 A														
NB02410	NB52 - NB post & panel instal	llation 65	16-Jun-17 A	31-Aug-17 A														
NB03380	NB52 (bay 21)- Footing & Wa	Il Structure & backfill 50	07-Aug-18 A	05-Oct-18 A				<del> </del>							<del>-</del>			
NB03390	NB52 (bay 21) - NB post & pa	nel installation 5	20-Nov-18	24-Nov-18	21-Jun-19	26-Jun-19	172											
NB53 (Ch.6	□ 6125-6300) -FH S/B Side	e (MTRC I&P Area)																
Noise Bar	rier Works		1							i								
NB02420	Coordinate with MTRC for Pre		20-Apr-15 A	28-May-15 A											<u> </u>			
NB02430	Precautionary Measure instal		20-Jul-18 A	13-Aug-18 A											Ī			
NB02440	NB53 (0-100m) - Sheet piling		09-Aug-18 A	12-Oct-18 A						ļ					ļ <u> </u>			
NB02450	NB53 (0-100m) - Footing & W		13-Aug-18 A	16-Nov-18 A														
NB02460	NB53 (0-100m)- backfilling	50	20-Nov-18	19-Jan-19	27-Apr-19	26-Jun-19	127											
NB02470	NB53 (0-100m) - NB production		20-Nov-18	03-Jan-19	07-May-19	20-Jun-19	168								ļļ.			
NB02480	NB53 (0-100m) - NB post & pa		04-Jan-19	09-Jan-19	21-Jun-19	26-Jun-19	136						_		<u> </u>	•		
NB02510	NB53 ID2-3 (100-125m) - She		18-Aug-18 A	16-Oct-18 A						ļ								
NB02520	NB53 ID2-3 (100-125m) - Foo		18-Oct-18 A	31-Jan-19	04-Feb-19	17-Apr-19	62							l				
NB02530	NB53 ID2-3 (100-125m) - bac		01-Feb-19	02-Apr-19	18-Apr-19	20-Jun-19	62											
NB02540	NB53 ID2-3 (100-125m) - NB	production 45	01-Feb-19	17-Mar-19	07-May-19	20-Jun-19	95											
NB02550	NB53 ID2-3 (100-125m) - NB	post & panel installation 5	03-Apr-19	09-Apr-19	21-Jun-19	26-Jun-19	62									<b>p</b>		
NB02560	NB53 (125-180m) - Sheet pili	ng & Excavation 18	02-Mar-15 A	22-Mar-15 A					•									
NB02570	NB53 (125-180m) - Footing &	Wall Structure 64	23-Mar-15 A	10-Jun-15 A														
NB02572	NB53 (125-180m) - Drainage	Works 18	21-Mar-19	11-Apr-19	22-May-19	12-Jun-19	48											
NB02574	NB53 (125-180m) - Drainage	Works (VO on 14-6-18 - add 2 manhole) 12	12-Apr-19	29-Apr-19	13-Jun-19	26-Jun-19	48											
NB02580	NB53 (125-180m)- backfilling	24	11-Jun-15 A	10-Jul-15 A														
NB02590	NB53 (125-180m) - NB produ	ction 828	20-May-16 A	25-Aug-18 A														
NB02600	NB53 (125-180m) - NB post 8	k panel installation 5	20-Nov-18	24-Nov-18	21-Jun-19	26-Jun-19	172											
	300-6360)-FH S/B Side	(MTRC I&P Area)																
Noise Bar NB02610	rier Works Coordinate with MTRC for Pre	ecautionary Measure 51	01-Aug-14 A	30-Sep-14 A														
NB02620	Precautionary Measure instal	lation 20	02-Oct-14 A	25-Oct-14 A														
NB02630	NB55 - Sheet piling & Excava	tion 60	27-Oct-14 A	07-Jan-15 A														
NB02640	NB55 - Footing & Wall Structu		07-Nov-14 A	09-Sep-16 A														
NB02642	NB55 - Drainage Works	18	21-Feb-19	13-Mar-19	23-Apr-19	14-May-19	48			ļ								
NB02644	NB55 - Drainage Works (VO	on 14-6-18 - add 1 manhole) 6	14-Mar-19	20-Mar-19	15-May-19	21-May-19	48											
NB02650	NB55- backfilling	, 161	10-Sep-16 A	31-Mar-17 A	,	,												
NB02660	NB55 - NB production	863	15-Jan-16 A	26-May-18 A														
NB02670	NB55 - NB post & panel instal		20-Nov-18	24-Nov-18	21-Jun-19	26-Jun-19	172		<del></del>									
	6360-6400)-FH S/B Side					1 12											+ -	
	rier Works																	
NB02680	Coordinate with MTRC for Pre		01-Aug-14 A	09-Sep-14 A														
NB02690	Precautionary Measure instal	lation 33	10-Sep-14 A	20-Oct-14 A														
							-											
I ' -	l of Effort	roject File:WP Rev 07				Contract	No. H	Y/2012/	<b>706</b>					Date 07-Nov-		ision Checked Rev 4	Approve	ed
Actual Work	La	ayout: WP rev 7		Wideni	ng of Fanli	ng Highway -	Tai Ha	ang to	Wo Hop Shek Interd	change				17-Aug-	7 WP F	Rev 5		
Remaining V Critical Rem	ID.	ata Date:20-Nov-18				Works Progr	ramme	e - WP I	Rev. 7					29-Mar-1 03-Dec-1	8 WP F			
♦ Milestone	Pa	age 22 of 48	Works Programme - WP Rev. 7															



WP Rev 07							W	/P rev 7										Page 24 of 4	18 (3-Dec-18)
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float	3	2014	2015	2016		2017		2018	2019		2020
NB03010	NB61A (75-190m) - Sheet pilin	g & Excavation	49	22-Apr-14 A	20-Jun-14 A			J			F A JJAS N		O I JUF IN	JJAS	N JF A	JJAS		S   DJF	A JJAS
NB03020	NB61A (75-190m) - Footing &	Wall Structure	112	02-Jun-14 A	15-Oct-14 A			-											<u> </u>
NB03022	NB61A (75-190m) - Drainage \	Works	28	05-Nov-18 A	06-Dec-18	25-Feb-19	13-Mar-19	78											ļ
NB03024		Works (VO on 16-10-18 - add 4	24	07-Dec-18	07-Jan-19	14-Mar-19	11-Apr-19	78											ļ
NB03030	manhole) NB61A (75-190m)- backfilling		31	18-Oct-14 A	22-Nov-14 A												<u> </u>		<u> </u>
NB03040	NB61A (75-190m) - NB produc	tion	805	20-Feb-16 A	04-May-18 A														<del> </del>
NB03050	NB61A (75-190m) - NB post &		169		,	21-Jun-19	26-Jun-19	172											<u> </u>
		panei installation	109	03-Way-10 A	24-1107-10	21-Juli-19	20-3011-19	172							_				
Box Culvert	ID3 Works																		
ID30090	VO58 Issued		0	19-Sep-16 A									VO58 Issued	i					
ID30095	Preparation work		57	20-Oct-16 A	24-Dec-16 A														,
ID30100	Demolish existing wing walls (	N&S)	40	08-Feb-17 A	25-Mar-17 A			-									1-1		
ID30110	Rock fill to the box culvert leve	I	7	27-Feb-17 A	06-Mar-17 A												<u> </u>		
ID30120	Box culvert extension structure		7	27-Mar-17 A	03-Apr-17 A												1		
ID30130	Backfill		20	01-Feb-19	26-Feb-19	12-Feb-19	06-Mar-19	7									<b> </b>		·
ID30140	Wing Wall Construction		50	01-Dec-18*	31-Jan-19	10-Dec-18	11-Feb-19	7											
Fanling Hig	ghway Construction																		
	Road Works																		
Ch 5880-67		lighway Bood works Stort	0	25 Con 17 A											72 (CH58b) (	6740\ · <b>F</b> o	nling Highway Road	d works Start	<u>;</u>
RDZ41190	Z2 (CH5880-6740) : Fanling H			25-Sep-17 A	05.0	07.14	00.110	70								5740) . Fai	IIIIg Highway Koac	TWOIKS Start	<u> </u>
RDZ41200	(Modify to final road level)	lighway N/B - D&R works (lane 1)	26	26-Aug-19	·	27-May-19	26-Jun-19	-76							<u></u>				ļļ
RDZ41210	2)(Modify to final road level)	lighway N/B - D&R works (lane	54		27-Apr-18 A														ļļ
RDZ41220		ghway N/B - D&R works (lane 3)	65	25-Oct-17 A	12-Jan-18 A														ļ
RDZ41230		lighway N/B - D&R works (lane 4)	89	25-Sep-17 A	12-Jan-18 A														<u> </u>
RDZ41240		lighway S/B - D&R works (lane 4)	177	25-Oct-17 A	02-Jun-18 A														
RDZ41250	Z2 (CH5880-6740) : Fanling H	lighway S/B - D&R works (lane 3)	17	04-Jun-18 A	23-Jun-18 A														
RDZ41260	Z2 (CH5880-6740) : Fanling H	lighway S/B - D&R works (lane 2)	23	25-Jun-18 A	22-Jul-18 A														<u> </u>
RDZ41270	Z2 (CH5880-6740) : Fanling H	lighway S/B - D&R works (lane 1)	90	27-Feb-19	18-Jun-19	07-Mar-19	26-Jun-19	7											
RDZ41280	Z2 (CH5880-6740) : Fanling H	ighway Road works (8 lanes) complete	0		25-Sep-19		26-Jun-19	-76								25-Sep-19	◆ Z2 (CH588	80-6740) : Fa	
Other Worl																			
Site Format General	ion Works															+++			
Z2.P2N.1470	Liaison with relevant villages h	nouses's owner and related parties	30	18-Jul-13 A	21-Aug-13 A			i	-										[
Z2.P2N.1480	Submission of contractor's des	ign for site formation	28	26-Jul-13 A	27-Aug-13 A				-								+	·	
Z2.P2N.1500	Submission of DIA & SIA repor	t	14	12-Aug-13 A	27-Aug-13 A												+		
Z2.P2N.1510	Approval of contractor's Design	n by Engineer/Gov't Authorities	21	28-Aug-13 A	21-Sep-13 A			-											;
Z2.P2N.1530	G.I. & Temporary access road of	construction	21	17-Aug-13 A	10-Sep-13 A			-	•										
Z2.P2N.1540	Site clearance		14	10-Sep-13 A	26-Sep-13 A														<del>  </del>
Z2.P2N.1550	SA324A: Tree Removal Works	;	15	26-Sep-13 A	15-Oct-13 A			-											<u> </u>
Z2.P2N.1560		ng to approved contractor's design	60	16-Oct-13 A	24-Dec-13 A														
Z2.P2N.1580			0		27-Dec-13 A			-											<del>   -</del>
	nce & Demolition of Exis	ting Structure														-	+		
Contract C		ang otractare																	
MCLT1000	Engineer Excise Section 3b Op	otion	0		12-Jul-14 A				1:	2-Jul-14A ♦ Engineer E	xcise Section 3b O	otion							
								, <u> </u>		- 1	*	<u> </u>							· ·
Remaining Le		oject File:WP Rev 07					Contrac	t No. HY	//2012/	06				_	Date 07-Nov	e Rev	vision Checked	Appro	oved
Actual Level Actual Work	Lay	yout: WP rev 7			Wideni	ng of Fanlii	ng Highwav	- Tai Ha	ng to \	No Hop Shek Inte	erchange					-16 WP -17 WP			
Remaining W	lDa:	ta Date:20-Nov-18				-	Works Prog		_	-	J					-18 WP			
♦ Milestone  Crit Mileston	Pa	ge 24 of 48					MOINS FIU	gi allillie	~ VVF F				US-Dec	-18 WP	INGV I				







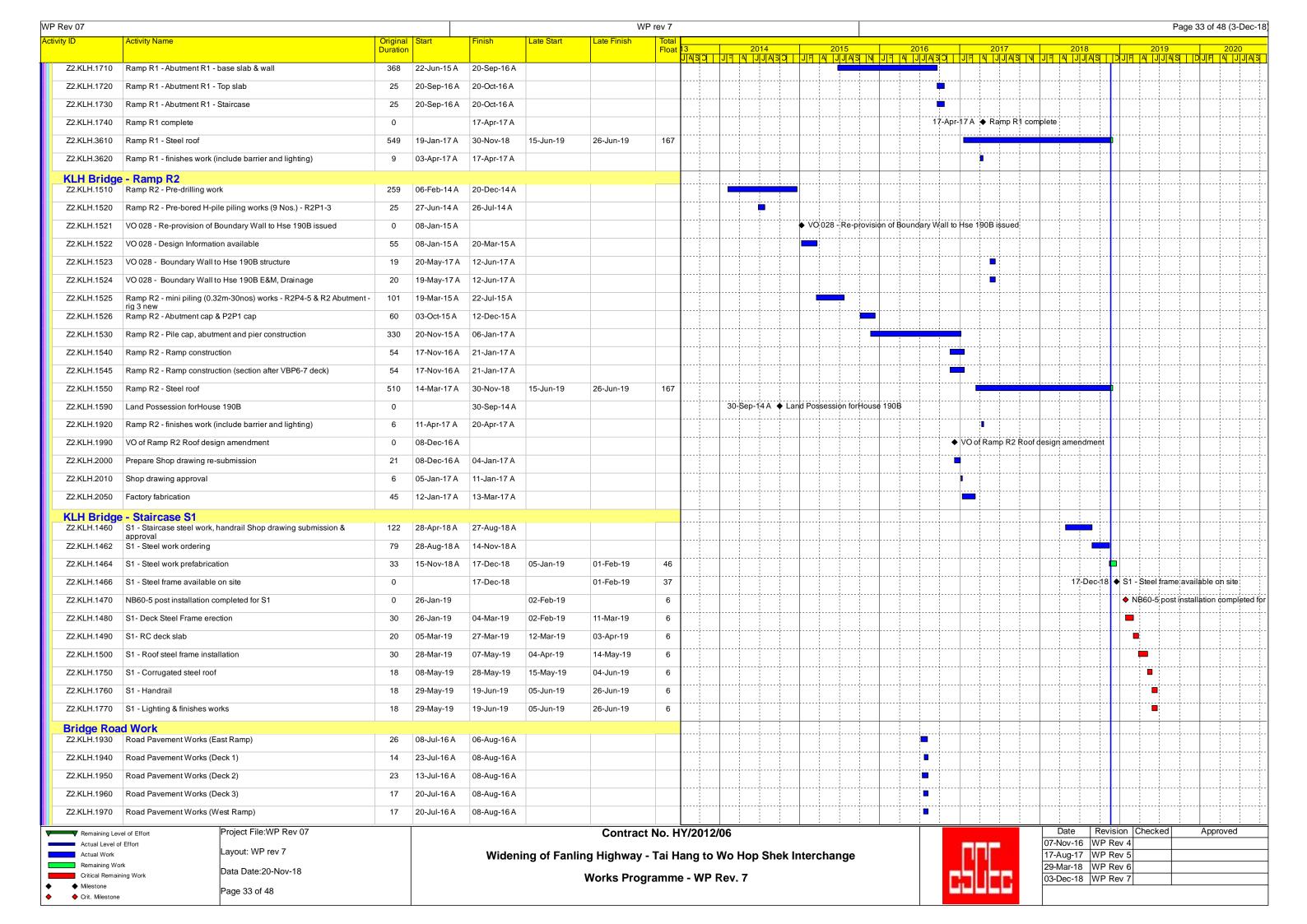
WP Rev 07						WP	rev 7														Pa	ge 28 of 48	(3-Dec-18
Activity ID	Activity Name	Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13	2014 F   A   J  J  A  S		2( F A .	015 JIJIAS	IN JIF I	2016 A JJJA	ISIO I JIF	2017 [   4   J  J  A  S	TNI JIFI	20 <sup>-</sup>	18 JIAS I	TDJF	2019 [A] [J] [A]S		2020 
	nern Trunk Sewer, Water Main Fire Main Works	50	10.015.0	47.1.45.0																			
TSZ10900	Sheet Piling & Excavation(~5m below ground) (along NB64)	52	16-Apr-15 A	17-Jun-15 A														ļi					
TSZ10910	DSD Trunk Sewer laying (along NB64)	186	20-Apr-16 A	30-Nov-16 A																			
TSZ10920	Backfill up to NB64 footing level	6	01-Dec-16 A	07-Dec-16 A														ļļ	ļļ				
TSZ10930	Watermain installation (along NB64)	33	08-Dec-16 A	18-Jan-17 A																			
TSZ10940	Firemain installation (along NB64)	21	02-Jan-17 A	26-Jan-17 A														ļ	ļ				
TSZ11028	Demolish existing pile caps at Watermain	35	02-Dec-16 A	15-Jan-17 A														الله		<u> </u>			
Undergrou UUZ20220	Ind Utility Works Utility cable laying by Utility companies (Along NB64 & NB64A, 60m)	241	29-Feb-16 A	17-Dec-16 A																			
Noise Barr	ier Along Fanling Highway N/B																			+			
	450-6920)-FH N/B Side																						
Noise Barr	rier Works NB60 (300-408m)(NB60/26-34 Pre-drilling	44	19-Mar-14 A	15-May-14 A																			
NB02040	NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling	111	27-Jan-18 A	15-Jun-18 A										·					ļļ				
NB02050	NB60-4 (300-408m) - Sheet piling & Excavation	22	16-Jun-18 A	13-Jul-18 A								-							<u> </u>				
NB02060	NB60-4 - Footing & Wall Structure	124	16-Jul-18 A	10-Dec-18	02-Nov-18	22-Nov-18	-15											ļ <u>ī</u>	<u> </u>	<u> </u>			
NB02065	NB60-4 (300-408m) - Drainage Works	24	11-Dec-18	10-Dec-18	23-Nov-18	20-Dec-18	-15											ļ		<u> </u>			
NB02065	NB60-4 (300-406m) - Drainage Works (VO on 16-10-18 - add 3	18	11-Jec-16	31-Jan-19	21-Dec-18	14-Jan-19	-15													<b>│</b>			
	manholes)  NB60-4 - backfilling			26-Feb-19		08-Feb-19												ļ	ļļ				
NB02070 NB02080		20	01-Feb-19		15-Jan-19	20-Jun-19	-15 147							· <del> </del>				ļ	ļ	<u> </u>			
NB02080	NB60-4 - NB production  NB60-4 - NB post & panel installation	45	11-Dec-18	24-Jan-19	07-May-19													ļi					
		5	25-Jan-19	30-Jan-19	21-Jun-19	26-Jun-19	118											ļ	ļ				
NB02090	NB60 (408-468m)(NB60/35-39) & FADS1 Pre-drilling	5	20-Jan-18 A	25-Jan-18 A								-							<u>.</u>				
NB02100	NB60 (408-468m)(NB60/18B-1 to S6, 0.19m -32nos) Piling	32	20-Jun-18 A	27-Jul-18 A														ļ <mark>.</mark>					
NB02101	NB60 (408-468m) FADS1 (8nos) Piling	12	28-Jul-18 A	10-Aug-18 A														ļ	ļ		.ļļļ.		
NB02103	NB60 (408-468m) Staircase S1 - Pre-drilling	26	02-Mar-15 A	31-Mar-15 A													<u></u>						
NB02105	NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos)	42	06-Feb-18 A	02-Apr-18 A															ļ <u></u> ļ				
NB02110	NB60-5 (408-468m) - Sheet piling & Excavation	28	10-Aug-18 A	11-Sep-18 A	0.4.14.0	04.5												ļ	ļ <u>.</u>				
NB02120	NB60-5 - Footing & Wall Structure	86	12-Sep-18 A	24-Dec-18	24-Nov-18	31-Dec-18	4												ļ	<b></b>			
NB02125	NB60-5 (408-468m) - Drainage Works	24	01-Feb-19	02-Mar-19	23-Jan-19	21-Feb-19	-8											ļ	ļļ				
NB02130	NB60-5 - backfilling	12	04-Mar-19	16-Mar-19	22-Feb-19	07-Mar-19	-8												ļļ	.  <u> </u>	·		
NB02140	NB60-5 - NB production	26	25-Dec-18	19-Jan-19	02-Jan-19	27-Jan-19	8												ļļ				
NB02142	NB60-5 - NB post & panel installation	5	21-Jan-19	25-Jan-19	28-Jan-19	01-Feb-19	6											<u> </u>		₩.			
NB66 (Ch.6	920-6930)-FH N/B Side																			+-			
NB02150	NB66 - Sheet piling & Excavation	46	20-Jan-18 A	17-Mar-18 A																			
NB02160	NB66 - Footing & Wall Structure	39	18-Mar-18 A	08-May-18 A																			
NB02165	NB66 - Drainage Works	178	08-May-18 A	07-Dec-18	05-Nov-18	22-Nov-18	-13																
NB02170	NB66- backfilling	15	27-Dec-18	14-Jan-19	19-Feb-19	07-Mar-19	43													•			
NB02180	NB66 - NB production	45	20-Nov-18	03-Jan-19	07-May-19	20-Jun-19	168												}				
NB02190	NB66 - NB post & panel installation	5	15-Jan-19	19-Jan-19	21-Jun-19	26-Jun-19	127													i			
NB03320	Bus Shelter footing - VO86	30	20-Nov-18	24-Dec-18	12-Jan-19	18-Feb-19	43				· <del> </del>			· <del> </del>						Ħ			
Bridge Cor		_					1																
Kau Lung H General	ang Vehicular Bridge									+							_	-		+			
General									<u>; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; </u>		<u>    i                                </u>	<u>; ; ; </u>	;	<u>           i                         </u>	<u>i                                     </u>	<u>; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; </u>		<u></u>	<u> </u>				<u> </u>
Remaining Lo	evel of Effort Project File:WP Rev 07					Contract	No. H	Y/2012/0	6									Date			Checked	Approv	/ed
Actual Level Actual Work	of Effort Layout: WP rev 7			Wideni	ing of Fanlir	g Highway -	Tai H	anα to W	o Hon She	k Inte	erchai	nae							6 WP I				
Remaining W	Data Date: 20-Nov-18											3-					29-1	Mar-18	8 WP	Rev 6			
♦ Milestone  Crit Milestone	Page 28 of 48					Works Progr	aiiiiii	VVP K6	;v. /								03-L	лес-18	8 WP	KeV /			

WP Rev 07							WI	rev 7												Page	29 of 48 (3-Dec-18
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13 LICEPIT	2014	2 	015	1 11=	2016		2017	3 1 1 1 1 1 1	2018		2019	2020
Z2.KLH.1060	Submission of method state	ement to Engineer	48	02-Oct-13 A	27-Nov-13 A								1011	i iololy		TA TOTOTALS		1 10101/10	11201	1 14 10014011	
Z2.KLH.1070	Consent from Engineer		276	28-Nov-13 A	10-Nov-14 A				_												1
Target Mile	stone																		+		
MS01	Completion of Bridge Deck Abutment-VBP1-VBP2-VBI	: 1 Structure between West ⊇3	0		17-May-16 A							17-1	May-16	A ♦ Com	pletion of Br	dge Deck 1	Structure be	tween West	t Abutme	ent-VBP1-VBP2-VB	,P3
MS02	Completion of Bridge Deck	2 Structure between VPB3 to VBP6	0		27-Apr-16 A							27-A	pr-16 A	◆ Comp	letion of Brid	ge Deck 2 S	tructure bet	veen VPB3	to VBP6	3	
MS03	Completion of Bridge Deck VBP6-VBP7-VBP8-East Ab	3 Structure between	0		31-May-16 A							31-	May-16	A ♦ Cor	npletion of B	ridge Deck 3	Structure b	etween VBF	<sup>2</sup> 6-VBP7	7-VBP8-East Abutm	ent
MS04		of all Precast Concrete Skins	0		30-Jun-16 A							3	30-Jun-1	6A ♦ C	ompletion of	Installation	of all Precasi	t Concrete S	3kins		
MS05	Completion of Installation of	of all Parapet Walls and Planter Walls	0		16-Jul-16 A								16-Jul-	16A ◆ (	Completion o	fInstallation	of all Parap	et Walls and	d Plante	r Walls	
MS06	Commissioning of Kau Lur demolition of Kiu Tau Bridg	g Hang Vehicular Bridge to enable	0		20-Aug-16 A								20-Au	ig-16 Å ◀	Commissio	ning of Kau	Lung Hang	√ehicular Br	idge to	enable demolition of	of Kiu Tau Bridge
	recast Yards and Be	eam Fabrication																			
PC0160	Beams Precast Yards - TW		37	01-Sep-15 A	15-Oct-15 A																
PC0170	Precast Beams Fabrication	<u> </u>	63	16-Oct-15 A	31-Dec-15 A									ļ		ļ	ļ				
PC0180	Post Tensioning Beams (10	) nos)	21	15-Dec-15 A	11-Jan-16 A								Ţ								
Precast Yar	ds and Beam Fabri Precast Beams Fabrication		16	15-Dec-15 A	05-Jan-16 A												<u> </u>				
PC0130	Precast Beams Fabrication	, ,	44	28-Dec-15 A	26-Feb-16 A								<u> </u>	ļ			ļļ		,		
PC0130		· ,	13	06-Jan-16 A													<u> </u>				
	Post Tensioning Beams (1-	,			20-Jan-16 A								<mark>-</mark>	ļ		ļļ.	ļļ				
PC0150	Post Tensioning Beams (4-	1000s)	12	20-Feb-16 A	04-Mar-16 A																
Other Off-S	ite Prefabrication Parapet Concrete Skin Fab	prication	94	12-Jan-16 A	16-May-16 A												<u> </u>				
	e - West Ramp				,														+		
KLH.1034		c (6 bays after P3-4 beams lifting)	88	20-Feb-16 A	08-Jun-16 A																1
KLH.1140	West Ramp - Backfilling &	Drainage	60	17-May-16 A	27-Jul-16 A												[				
KLH.1180	West Ramp - Parapet skin	(92nos)	70	07-Apr-16 A	30-Jun-16 A											<u> </u>					
KLH.1240	West Ramp -Parapet Wall	& Planter Wall	56	21-May-16 A	27-Jul-16 A									-			[				
KLH.1250	West Ramp - Road Surface	e work ready to start	0	29-Jul-16 A										<b> </b>	West Ramp	Road Surfa	ce work rea	dy to start			
KLH.1260	West Ramp - barrier		21	28-Jul-16 A	20-Aug-16 A									-							
KLH.1280	West Ramp - Lighting		21	28-Jul-16 A	20-Aug-16 A									-							
KLH.1290	West Ramp - Planting		21	20-Nov-18	13-Dec-18	01-Jun-19	26-Jun-19	156						ļ <u> </u>							
KLH.1300	West Ramp Complete		0		20-Aug-16 A								20-Au	ig-16 A ◀	• West Ram	Complete					
Z2.KLH.0900	West Abutment- Pre-drilling	g work	4	04-Sep-14 A	08-Sep-14 A					1				ļ <u> </u>							
Z2.KLH.0910	West Abutment- pre-bored	H-pile piling works (13nos)	30	15-Oct-14 A	18-Nov-14 A																
Z2.KLH.1002	West Abutment- Pile cap &	Structural Wall	136	20-Dec-14 A	13-Jun-15 A							i					i				
Advance W	orks for VBP3 cons	truction																	+		+
Z2.KLH.1100	VBP3 New design availabl		0	07-Jul-15 A								♦ VBP3 I	New des	ign availa	able by ER	·					
Z2.KLH.1103	Revised Design available	for KLHVB ramp R1	0	20-Aug-14 A						♦ Rev	ised Design	available f	or KLH\	/B ramp F	11	-ii					
Z2.KLH.1105	Re-design Temp ramp for N	NWP bridge & approval	50	20-Aug-14 A	20-Oct-14 A									}			[]				
Z2.KLH.1110	Erect temp ramp for NWP b	oridge	102	20-Oct-14 A	18-Feb-15 A					-											1
Z2.KLH.1150	Demolish Existing ramp of	NWP bridge	13	27-Feb-15 A	13-Mar-15 A																1
Z2.KLH.1155	TTA		2	14-Mar-15 A	16-Mar-15 A											<del> </del>					
Z2.KLH.1270	Pier VBP3 U/G works read	y to start	0	16-Mar-15 A							◆ Pie	r VBP3 U/0	3 works	ready to s	tart		; <u> </u>				
Z2.KLH.1280	Pier VBP3 complete and ro	oad reinstatement work	53	20-Oct-15 A	21-Dec-15 A								=	}							
Z2.KLH.1290	Affected NB construction at	t TWSR-W resume	0	21-Dec-15 A									◆ Affe	cted NB c	onstruction a	t TWSR-W r	esume				
KLH Bridge	e - Deck 1																		+		
Remaining Lev		Project File:WP Rev 07					Contract	No. H	Y/2012/	06			•				I I			Checked	Approved
Actual Level of Actual Work	f Effort	Layout: WP rev 7			Widenin	ng of Fanlin	a Hiahway -	. Tai ⊔	ana to \	No Hop Shek	Intercha	nae						lov-16 WF			
Remaining Wo		Data Date:20-Nov-18			macili				_	-		90					29-M	/lar-18 WF	P Rev 6	6	
♦ Milestone	ling work	Page 29 of 48					Works Prog	ramme	e - WP F	kev. /							03-D	Dec-18 WF	P Rev 7	<u>'</u>	
Crit. Milestone		J		l											THE REAL PROPERTY.	TO 10 THE R. P. LEWIS CO., LANSING, MICH.	. 1				

WP Rev 07			_				W	P rev 7												Р	age 30 of 4	48 (3-Dec-1
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13	2014		2015		2016	2	2017	20	018		2019		2020
KLH.1130	Deck 1 - Bridge deck cons	truction (VBP2 to VBP3)	48	14-Mar-16 A	13-May-16 A				JASO I J	IT A JJAS	O JIF	A JJAS	N JF	A JJASO	JF A	JJAS N	JF A J	JJAS I	DJFA	JJJAS	DJF	A JJAS
KLH.3380	Deck 1 - Parapet skin (61		62	14-Mar-16 A	31-May-16 A																	
KLH.3390	Deck 1 - Parapet Wall & P	·	45		30-Jun-16 A				l													<del>   </del>
KLH.3400	Deck 1 - Road Surface wo		0	02-Jul-16 A	00 00.1 1071										- Road Sur	face work re	adv to start	ļ				ļļ
KLH.3410	Deck 1 - barrier	The ready to start	16	20-Jul-16 A	06-Aug-16 A																	
KLH.3420	Deck 1 - Lighting			02-Jul-16 A	06-Aug-16 A				ļļ.									ļļ				ļļ
KLH.3430	Deck 1 - Eighting  Deck 1 - Planting			20-Nov-18		01-Jun-19	26-Jun-19	156	-												ļ	
				20-INOV-10		01-3011-19	20-Juli-19	130					09 Δ11	J-16 A ♦ Dec	4.1 Comple			ļļ	<b>-</b>			ļ
KLH.3440	Deck 1 - Complete		0	00.5	08-Aug-16 A				-									ļļ			ļ	
KLH.3630	Pedestrian walkway Roof		30	09-Dec-16 A	16-Jan-17 A																	
KLH.3640	Pedestrian walkway floor t		4	11-Apr-17 A	18-Apr-17 A																ļ	ļ
Z2.KLH.100			3	11-Jul-14 A	14-Jul-14 A																	
Z2.KLH.101	Pier VBP1- Pre-bored H-p	ile piling works (6 Nos.)	25	23-Oct-14 A	20-Nov-14 A																	
Z2.KLH.101	Pier VBP1- Pile testing		68	20-Nov-14 A	10-Feb-15 A																	
Z2.KLH.101	4 Pier VBP1- Pile caps, pier	and pier head construction	143	11-Feb-15 A	12-Aug-15 A																	
Z2.KLH.101	6 Pier VBP2- Pre-drilling wo	rk	3	07-Jul-14 A	09-Jul-14 A					1												
Z2.KLH.101	8 Pier VBP2- Pre-bored H-p	ile piling works (8 Nos.)	23	21-Nov-14 A	17-Dec-14 A						-											
Z2.KLH.102	Pier VBP2- Pile caps, pier	and pier head construction	143	03-Mar-15 A	24-Aug-15 A																	
Z2.KLH.103	0 Pier VBP3 - Pre-drilling wo	ork	4	24-Apr-14 A	28-Apr-14 A				l	1												
Z2.KLH.104	0 Pier VBP3 -Pre-bored H-p	ile piling works (9 Nos.)	29	01-Apr-15 A	08-May-15 A							-						·				
Z2.KLH.104	5 Pier VBP3 Pile test		5	09-May-15 A	14-May-15 A							1						<del>  </del>				<del>   </del>
Z2.KLH.104	7 Pending for Town gas dive	rsion, due to VBP3 resizing VO	12	15-May-15 A	29-May-15 A							•										
Z2.KLH.105	0 Pier VBP3 Pile caps, pier a	and pier head construction	153	30-May-15 A	30-Nov-15 A																	1
Z2.KLH.112	Deck 1 - Bridge deck cons	truction (West Abutment to VBP1)	90	10-Oct-15 A	27-Jan-16 A													ļļ				
Z2.KLH.112			82	20-Oct-15 A	27-Jan-16 A																	
	ge - Deck 2																					
KLH.3030	Beam Erection (P5 to P6)-	D2c-7	1	31-Oct-15 A	31-Oct-15 A								1									
KLH.3040	Beam Erection (P5 to P6)-	D2c-3	1	07-Nov-15 A	07-Nov-15 A													<del></del>				
KLH.3050	Beam Erection (P5 to P6)-	D2c-8	1	14-Nov-15 A	14-Nov-15 A								1					.ii				1
KLH.3060	Beam Erection (P5 to P6)-	D2c-2	1	21-Nov-15 A	21-Nov-15 A													<del> </del>				
KLH.3070	Beam Erection (P5 to P6)-		1	28-Nov-15 A	28-Nov-15 A																ļļ	ļ
KLH.3080	Beam Erection (P5 to P6)-		1	05-Dec-15 A	05-Dec-15 A				ļļ.													<del>  </del>
KLH.3090	Beam Erection (P5 to P6)-		1	12-Dec-15 A	12-Dec-15 A													ļ				
KLH.3100	2nd Edge Working Platfor		1	09-Jan-16 A	09-Jan-16 A								'   									
KLH.3110	Insitu concrete top slab (P		32	09-Jan-16 A	08-Apr-16 A				-				·								ļ	ļļļ
		·																			ļļ	ļļļ
KLH.3120	2nd Pre-Stressing of Bean		3	13-Apr-16 A	18-Apr-16 A																	
KLH.3122	Diaphragm construction (s	teel fixing & formwork)	6	20-Apr-16 A	26-Apr-16 A									1				ļļ				ļļļ
KLH.3124	Diaphragm concreting		1	27-Apr-16 A	27-Apr-16 A																	
KLH.3130	Precast Concrete Skin (P5	to P6)(14nos)	13	29-Apr-16 A	30-May-16 A																	
KLH.3140	Parapet wall (P5 to P6)		46	23-May-16 A	16-Jul-16 A																	
KLH.3150	Finished Surface of Road	ready for P5-P6	0	16-Jul-16 A										♦ Finisl	ed Surface of	of Road read	y for P5-P6					
KLH.3160	Pedestrian walkway Roof	P5-P6	53	09-Dec-16 A	20-Feb-17 A																	
KLH.3170	Pedestrian walkway floor	inishes P5-P6 (include barrier and lighting)	5	11-Apr-17 A	19-Apr-17 A										0							
	l surel of Effort	Project File:WP Rev 07		'	'	'	Cantur	4 N/a 11	V/2042/2	) <u> </u>	1 1	1 1					Date	Roy	ision  Ch	ecked	Appro	oved
	Level of Effort rel of Effort						Contrac									- 6	07-Nov-1	6 WP F	Rev 4	CONGU		
Actual Wo	Work	Layout: WP rev 7		Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange													17-Aug-1 29-Mar-1					
Critical Re	maining Work	Data Date:20-Nov-18		Works Programme - WP Rev. 7													03-Dec-1					
<ul><li>♦ Milestone</li><li>♦ Crit. Miles</li></ul>	one	Page 30 of 48													-1-1-1				'			

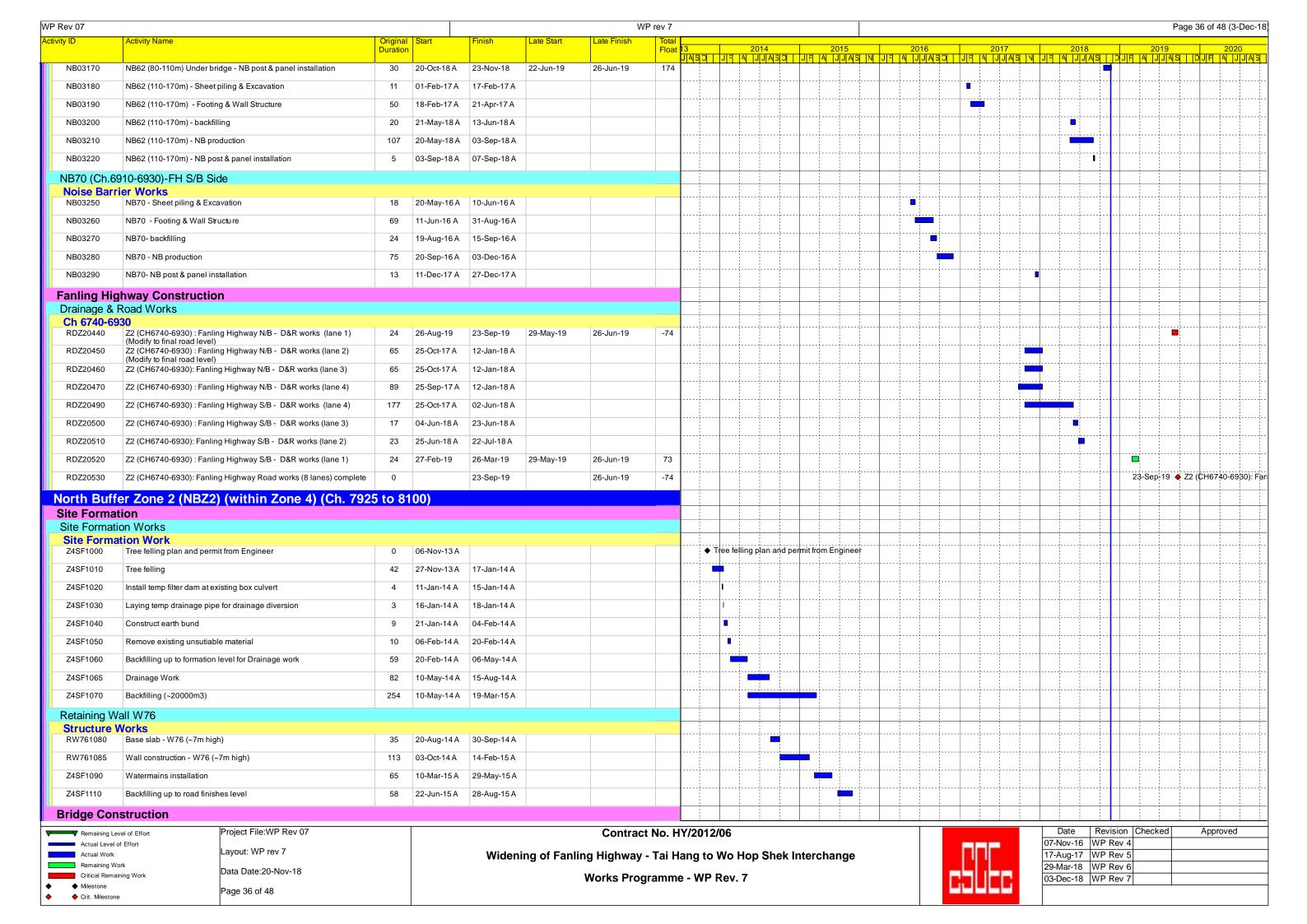
WP Rev 07							WF	P rev 7														Page	31 of 48 (	3-Dec-18
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13		201	4		)15		2016		2017		201			2019		020
KLH.3190	Beam Erections P4 to P5 (	1-3nos)	1	26-Jan-16 A	26-Jan-16 A			JA		<u> </u>	JASO I	JIH A L	I <mark>J[A[S] [N</mark>	1 1	<u> </u>	ASO IJE	A JJA	<u>3   N   J  ⊦</u> ⊹			<mark>JJH </mark>		DIJE IN	JJAS
KLH.3200	Beam Erections P4 to P5 (4	4-10nos)	9	27-Feb-16 A	08-Mar-16 A																			
KLH.3205	Edge Working Platform for	P4 to P5	3	12-Mar-16 A	15-Mar-16 A							·												
KLH.3210	Insitu concrete top slab (P4	4 to P5)	18	21-Mar-16 A	14-Apr-16 A							- <del></del>			r									
KLH.3230	Precast Concrete Skin (P4	to P5)(12nos)	39	30-Apr-16 A	17-Jun-16 A																			
KLH.3240	Parapet wall (P4 to P5)		28	18-May-16 A	20-Jun-16 A							<u> </u>												
KLH.3250	Finished Surface of Road r	ready for P4 to P5	0	20-Jun-16 A											<b>♦</b> F	inished Surfa	ce of Road	ready for P	4 to P5					
KLH.3260	Pedestrian walkway Roof I	P4 to P5	53	09-Dec-16 A	20-Feb-17 A																			
KLH.3270		inishes P4 to P5 (include barrier and	4	11-Apr-17 A	18-Apr-17 A												•							
KLH.3290	lighting) Beam Erections P3 to P4 (	1-5nos)	6	28-Dec-15 A	04-Jan-16 A								<del>  </del>	-										
KLH.3300	Beam Erections P3 to P4 (	5-10nos)	7	11-Jan-16 A	18-Jan-16 A																			
KLH.3305	Edge Working Platform for	P3 to P4	1	01-Mar-16 A	01-Mar-16 A													-						
KLH.3310	Insitu concrete top slab (P3	3 to P4)	15	21-Mar-16 A	11-Apr-16 A							·	<del></del>								1			
KLH.3330	Precast Concrete Skin (P3	to P4)(11nos)	31	23-Apr-16 A	31-May-16 A								1		_						11			
KLH.3340	Parapet wall (P3 to P4)		39	18-May-16 A	04-Jul-16 A							·	1								1			
KLH.3350	Finished Surface of Road r	ready for P3 to P4	0	05-Jul-16 A								·	1		<b>♦</b> I	Finished Surf	ace of Road	ready for F	P3 to P4					
KLH.3360	Pedestrian walkway Roof I	P3 to P4	30	09-Dec-16 A	16-Jan-17 A								1			+					1			
KLH.3370	Pedestrian walkway floor fi	inishes P3 to P4 (include barrier and	3	11-Apr-17 A	13-Apr-17 A								1								1			
Z2.KLH.1144	8 97	eam production (10 beams)	137	16-Mar-15 A	30-Jul-15 A								-											
Z2.KLH.1146	Deck 2 Precast concrete be	eam available on site	0		30-Jul-15 A							30-Jul-15 A	◆ Deck	2 Precas	st concre	ete beam ava	ilable on sit	e						
Z2.KLH.1157	TTA for VBP4		34	20-Apr-15 A	30-May-15 A							-	ii											
Z2.KLH.1158	VBP4-Pre-drilling work		15	01-Jun-15 A	17-Jun-15 A							•												
Z2.KLH.1159	Piling Rig Remobilisation F	Period due to TGC VO	48	30-May-15 A	27-Jul-15 A							-												
Z2.KLH.1160	VBP4- Pre-bored H-pile pil	ling works (9 Nos.)	30	28-Jul-15 A	31-Aug-15 A								-											
Z2.KLH.1170	VBP4- Pile cap, pier & pier	head construction	79	01-Sep-15 A	04-Dec-15 A									•			1 1							
Z2.KLH.1180	VBP4 - Backfilling & Road	Work for TTA for VBP3	12	05-Dec-15 A	18-Dec-15 A																			
Z2.KLH.1190	Temp road diversion at TW	SR-W for TTA for VBP5 works	28	20-Oct-14 A	20-Nov-14 A						-													
Z2.KLH.1200	VBP5- Pre-drilling work		10	21-Apr-14 A	03-May-14 A																			
Z2.KLH.1210	VBP5- Pre-bored H-pile pil	ling works (12 Nos.)	75	20-Nov-14 A	18-Feb-15 A						_													
Z2.KLH.1220	VBP5- Pile cap, pier, pier h		109	27-Feb-15 A	11-Jul-15 A																			
Z2.KLH.1255	Relocate MTRC OHL for de	eck construction	24	01-Apr-15 A	02-May-15 A																			
KLH Bridge KLH.1370	- Deck 3 Deck - East abutment to VE	3P8	127	28-Oct-15 A	09-Apr-16 A																			
KLH.1380	Deck - VBP6 to VBP7		80	20-Feb-16 A	30-May-16 A								<del>  -</del> -											
KLH.1400	Deck - VBP7 to VBP8		108	28-Dec-15 A	18-May-16 A																			
KLH.3450	Deck 3 - Parapet skin (61r	nos)	30	26-May-16 A																				
KLH.3460	Deck 3 - Parapet Wall & Pl	<u>,                                      </u>	35	03-Jun-16 A	15-Jul-16 A																			
KLH.3470	Deck 3 - Road Surface wo	rk ready to start	0	16-Jul-16 A											•	Deck 3 - Ro	ad Surface v	vork ready	to start					
KLH.3480	Deck 3 - barrier		16	20-Jul-16 A	06-Aug-16 A																			
KLH.3490	Deck 3 - Lighting		16	20-Jul-16 A	06-Aug-16 A													-						
KLH.3500	Deck 3 - Planting		21	20-Nov-18	13-Dec-18	16-May-19	10-Jun-19	142													1			
KLH.3510	Deck 3 - Complete		0		08-Aug-16 A							·		08-Aug	-16 A ◀	Deck 3 - C	omplete							
										_	i	1 !	<u> </u>					: .				1 1		
Remaining Level of	Effort	Project File:WP Rev 07					Contract	No. HY/2	2012/0	16								07	Date '-Nov-16		ion Chev 4	necked	Approve	<u>a</u>
Actual Work  Remaining Wor	rk	Layout: WP rev 7			Widen	ing of Fanlin	ng Highway -	Tai Hang	g to V	o Hop	Shek Ir	nterchai	nge					17	'-Aug-17	WP R	ev 5			
Critical Remain		Data Date:20-Nov-18				,	Works Prog	ramme - \	WP R	ev. 7									-Mar-18 -Dec-18					
<ul><li>Milestone</li><li>Crit. Milestone</li></ul>		Page 31 of 48																						

WF	P Rev 07							WP	rev 7														Pa	age 32 of 48	8 (3-Dec-1	18)
Act	tivity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13		20			2015	2	016		2017		2018			019		2020	
	KLH.3650	Pedestrian walkway Roof F	P6 to P7	59	01-Dec-16 A	18-Feb-17 A			J		JF A J	JASO	JF A	<u> </u>	V JF A	J <mark>J[A]S</mark> C	JF.	A JJAS	N JF	A JJA	SIDJ	F A J	JAS	TDJF (	A JJAS	Π
	KLH.3660		nishes P6 to P7 (include barrier and	23	20-Mar-17 A	19-Apr-17 A										-										
	Z2.KLH.1325	lighting)	diversion of existing TWR east	20	20-Oct-14 A	11-Nov-14 A																				
	Z2.KLH.1330		east to temporary diversion work	0	12-Nov-14 A	12-Nov-14 A										-										
	Z2.KLH.1340	VBP6 - Pre-drilling work		5	13-Nov-14 A	18-Nov-14 A																				
	Z2.KLH.1350	VBP6 - Pre-bored H-pile pi	ling works (13 Nos )	48	22-Dec-14 A	18-Feb-15 A										-							ļ			
	Z2.KLH.1360	VBP6 - Pile cap, pier const			26-Feb-15 A	18-Jul-15 A						ļ				·							ļļ			<del> </del>
	Z2.KLH.1780	East Abutment - Pre-drilling		13	10-Feb-14 A	24-Feb-14 A																				
	Z2.KLH.1785	Relocation Lamp post by C			24-Feb-14 A	22-Mar-14 A			ļ							.				ļļ			ļļ			
	Z2.KLH.1790		H-pile piling works (13 Nos.)	60	28-Mar-14 A	13-Jun-14 A																				
	Z2.KLH.1800	East Abutment - Pile testing		44	20-Aug-14 A	13-Oct-14 A														ļ			ļ			ļ
	Z2.KLH.1810	East Abutment - Pile caps,	,	188	20-Oct-14 A	12-Jun-15 A																	ļ <u>.</u>			
	Z2.KLH.1820	VBP7 - Pre-drilling work	abutinent wan construction	13	25-Feb-14 A	11-Mar-14 A																	ļļ			
	Z2.KLH.1830	VBP7 - Pre-bored H-pile pi	ling works (7 Nos )	77	09-Apr-14 A	15-Jul-14 A																				
	Z2.KLH.1840	VBP7 - Pile testing	illig works (7 Nos.)		·	13-Oct-14 A																	ļ			
		VBP7 - Pile testing	niar haad aanatrustian	174	_	12-Dec-15 A																	ļ			
		VBP8 - Pre-drilling work	pier rieau construction		18-May-15 A	26-Feb-14 A						<u> </u> 											ļļ			
	Z2.KLH.1860		lin muundu (C.N.)		21-Feb-14 A				ļ		· · · · · · · · · · · · · · · · · · ·												ļļ			ļ.,
		VBP8 - Pre-bored H-pile pi	ling works (6 Nos.)	40		20-Jun-14 A			ļ			<u></u>				.				ļļ			ļļ			
	Z2.KLH.1880	VBP8 - Pile testing				13-Oct-14 A			ļ					<u></u>												
	Z2.KLH.1890	VBP8 - Pile caps, pier and	pier head construction	103	20-Jul-15 A	19-Nov-15 A														-						-
Ш	KLH Bridge KLH.3520	e - East Ramp East Ramp Structure Work	(5/8 remaining)	171	02-Oct-15 A	07-May-16 A																				
	KLH.3530	East Ramp - Backfilling & D	Prainage	65												<u> </u>										
	KLH.3540	East Ramp - Parapet skin (	79nos)	53	23-Mar-16 A							ļ !														
	KLH.3550	East Ramp -Parapet Wall &	,	76	07-May-16 A											<u>.</u>										
	KLH.3560	East Ramp - Road Surface		0	08-Jul-16 A											♦ East	Ramp - Ro	oad Surface	e work read	y to start			ļ <u>.</u>			
	KLH.3570	East Ramp - barrier		17	20-Jul-16 A	08-Aug-16 A			ļ											}			ļ			
	KLH.3580	East Ramp - Lighting			20-Jul-16 A	08-Aug-16 A										-										
	KLH.3590	East Ramp - Planting			20-Nov-18	31-Dec-18	28-May-20	08-Jul-20	450																	
	KLH.3600	East Ramp Complete		0		08-Aug-16 A	,								08-Aug-16	A ♦ Eas	st Ramp C	omplete								
Ш	KLH Bridge					Joe 1 and 1 and 1												•					-			<del> </del>
Ш	Z2.KLH.1430	Ramp R1 - Pre-drilling wor	k (R1P1-P3)	52	15-May-14 A	16-Jul-14 A																				
	Z2.KLH.1440	Ramp R1 - Pre-bored H-pil	e piling works (R1P1-P3) (9 Nos.)	50	30-Sep-14 A	28-Nov-14 A						<b>—</b>														
	Z2.KLH.1450	Ramp R1 - Pile caps and p	ier construction (R1P1)	335	02-Jul-15 A	20-Aug-16 A										-										
	Z2.KLH.1660	Ramp R1 - Pile caps and p	ier construction (R1P2)	183	02-Jul-15 A	06-Feb-16 A						<del> </del>														
	Z2.KLH.1665	Additional Disruption to R1	P3 period by UU duct laying	16	01-Nov-16 A	18-Nov-16 A											•									
	Z2.KLH.1667	Additional Disruption to R1	P1 period by UU duct laying	28	01-Nov-16 A	02-Dec-16 A			-								_									
	Z2.KLH.1670	Ramp R1 - Pile caps and p	ier construction (R1P3)	84	08-Aug-16 A	16-Nov-16 A			-																<del> </del> .	
	Z2.KLH.1680	Ramp R1 - Ramp construct	tion (Abutment R1 to R1P1)	101	20-Aug-16 A	19-Dec-16 A										-										
	Z2.KLH.1685	Ramp R1 - Ramp construct	tion (R1P1 to P1P3)	35	19-Nov-16 A	31-Dec-16 A											_		<del>  </del>	ļļ						; ;
	Z2.KLH.1690	Ramp R1 - Abutment R1 - F	Predrilling	4	30-Aug-14 A	03-Sep-14 A						1														
	Z2.KLH.1700	Ramp R1 - Abutment R1 - F	Pre-bored H-pile (8 nos)	13	20-Sep-14 A	07-Oct-14 A																			<del> </del>	
										1	1 1	: :	1 :	- 1 1	1	1 1		1	1	1 1		- 1	1 1			<u>:                                    </u>
_	Remaining Lev		Project File:WP Rev 07					Contract	No. HY	/2012/	06									Date	Revision		ed	Appro	ved	_
	Actual Level of Actual Work		Layout: WP rev 7			Wideni	ng of Fanlin	g Highway -	Tai Har	ng to V	No Hop	Shek I	Interch	hange						Nov-16 Aug-17			+			_
	Remaining Wor		Data Date:20-Nov-18			<del>-</del>	_	Works Progr		_	_	<b>-</b>		J-					29-1	Mar-18	WP Rev	6	丰			_
•	♠ Milestone		Page 32 of 48					vvoika riogi	amme -	- WW F F	/								03-1	Dec-18	VVP KEV	<u>'  </u>				_
1 🔷	Crit. Milestone			ı												1			• I							



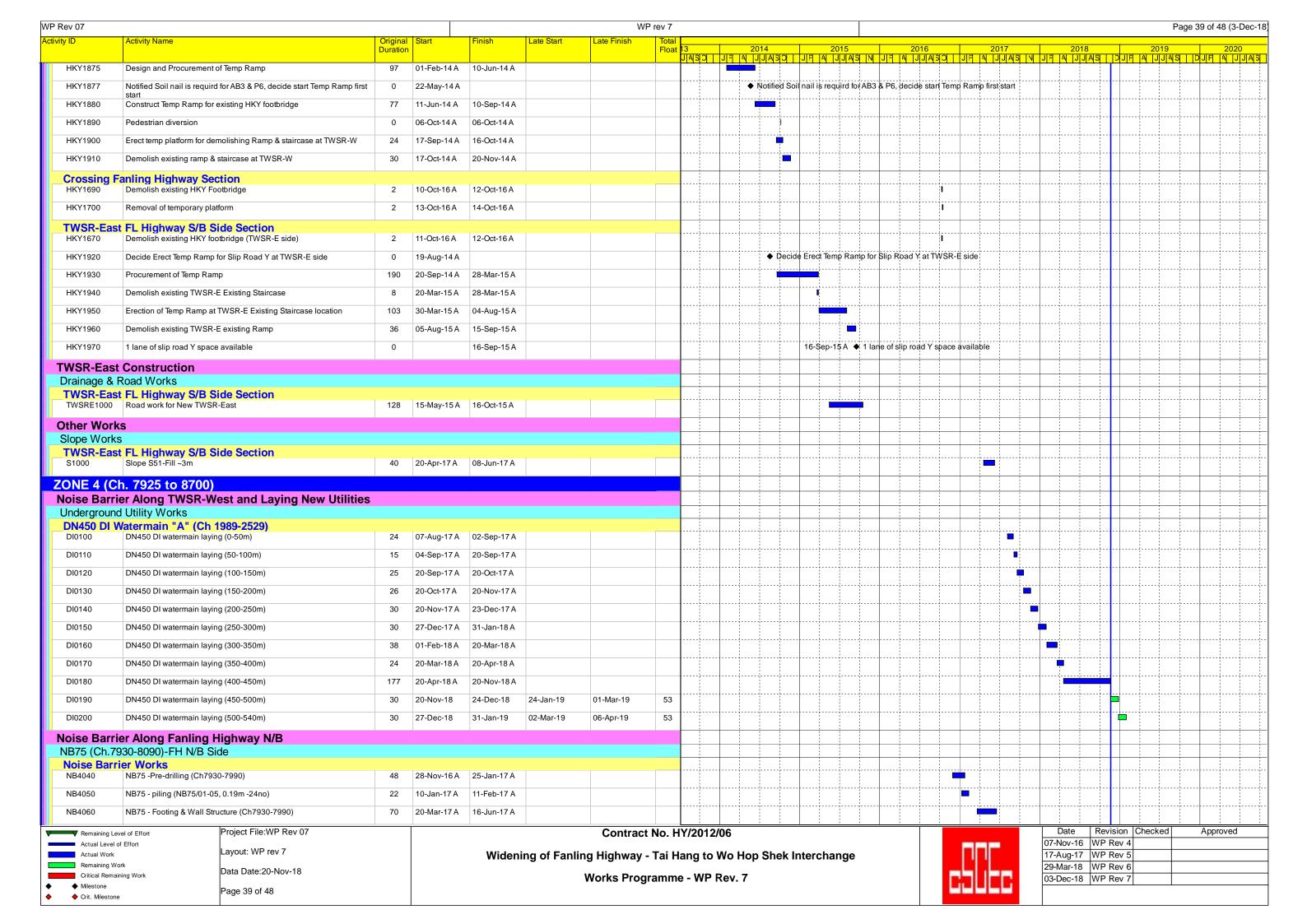
WP	Rev 07							WI	P rev 7											Р	age 34 of 48	8 (3-Dec-18
Activ	vity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13	3	201	14	2	2015 2016		2017	2018			2019		2020
	70.1/1.1.4000	101110				20.4.40.4			J			JASO	JF A	JJAS N JF A JJA	SO JE	A JJAS	N JF A JJ		J[F A	JJJAS		AJJAS
	Z2.KLH.1980	KLHVB road work complete		0		08-Aug-16 A								08-Aug-16 A ◆	_i	1						
	Z2.KLH.2020	Completion of Stage S1 of	works (KD11)	0		08-Aug-16 A								08-Auġ-16 A ◆	Completion	of Stage S1 of	works (KD11)					
	Z2.KLH.2030	Diversion of existing pedes bridge	trian to proposed Kiu Lung Hang Vehicular	1	20-Apr-17 A	20-Apr-17 A																
Ш	Z2.KLH.2040	Landscape work of KLHVB		120	20-Nov-18	15-Apr-19	29-Jan-19	26-Jun-19	57									-				
	Lift at TWS	R-W Side																#		-		
	L00900	Lift VO35 received date		0	07-Aug-15 A									◆ Lift VO35 received date								
	L01000	KLHVB completed		0	08-Aug-16 A									•	KLHVB com	pleted						
	L01015	Pre-bored H Piling Rig mol	oilisation & set up period	10	01-Sep-16 A	12-Sep-16 A			-		1				•				1			
	L01020	KLH (W) lift -Pre-bored H p	ile (4 nos)	5	13-Sep-16 A	19-Sep-16 A									1	†			1			
	L01030	Pile test (As Confirmed by I	ER, No pile test is required)	0	20-Sep-16 A	20-Sep-16 A									i							
Ш	L01040	Temp work & Pile cap		21	20-Jun-17 A	14-Jul-17 A			-													
Ш	L01050	Lift pit		16	15-Jul-17 A	02-Aug-17 A			<u>-</u>												}	
Ш	L01060	Lift shaft & roof		113		15-Dec-17 A																
	L01070	Structural Laminated glass		13	01-Aug-18 A	15-Aug-18 A										ļļļ.						,
	L01080	RC Platform connect to brid	dge	20	23-Oct-17 A	15-Nov-17 A																
Ш	L01090	Glass canopy (As Confirme	d by ER, No glass canopy is required)	0	24-Nov-18*	24-Nov-18	23-Nov-18	23-Nov-18	0											1		
	L01093	Lift contractor sub-letting		284	10-Aug-15 A	30-Jul-16 A																
	L01094	Lift submission & ordering	period	471	01-Aug-16 A	07-Mar-18 A			-										1			
	L01100	Lift installation		70	01-Dec-18*	26-Feb-19	01-Dec-18	26-Feb-19	0										<b>-</b>			
	L01110	Lift T&C		14	27-Feb-19	14-Mar-19	03-Jun-19	19-Jun-19	77													
Ш	L01120	EMSD inspection & approv	al (Assume 7 days is required instead of 28	7	15-Mar-19	21-Mar-19	20-Jun-19	26-Jun-19	97										0			
Ш	L01130	days) Finishes work	, ,	88	24-Nov-18	12-Mar-19	09-Mar-19	26-Jun-19	85										<u> </u>		ļļ	
Ш	L01140	CLP Power available (by C	I D\	869	04-Apr-16 A	20-Aug-18 A	00 11101	20 00.1.10											T			
Ш		, ,			04-Api-10 A			00.140										04.14	40.4		NEAR	
	L01150	Lift available - NF117-Lift 1		0		21-Mar-19		26-Jun-19	77									21-Mar	-19	.iit availai	ble - NF117-L	_III 1
	Lift at FLHY	Y S/B Piling Rig mobilisation & se	at up period	61	10-Aug-15 A	22-Oct-15 Δ			-										.  -		ļļ	
Ш		0 0	т ир репои						-												ļļ	
	L01170	KLH (E) lift - pile (9 nos)		25	23-Oct-15 A	20-Nov-15 A															ļļ	,
	L01180	Earliest date for lift construc	ction resume	0	01-Feb-17 A												r lift construction re	sume				
	L01190	Set up & Pile test		28	01-Feb-17 A	09-Mar-17 A																
	L01200	Temp work & Pier cap		44	10-Mar-17 A	06-May-17 A																
Ш	L01210	Lift pit		18	23-Jun-17 A	14-Jul-17 A										•						
	L01220	Lift shaft & roof		67	15-Jul-17 A	30-Sep-17 A					·								1			
	L01230	Structural Laminated glass	wall installation	58	20-Apr-18 A	29-Jun-18 A										÷						
	L01240	RC Platform connect to brid	lge	41	01-Sep-17 A	20-Oct-17 A										-						
Ш	L01250	Glass canopy (As Confirme	ed by ER, No glass canopy is required)	0		20-Jun-18 A			-													
	L01260	Lift installation	, 3.230 00.1007 10104411047	101	12-Sep-18 A	14-Jan-19	10-Apr-19	05-Jun-19	115										<u> </u>		ļļ	
Ш																			Ţ <u>.</u>		ļļ	
	L01270	Lift T&C		14	15-Jan-19	28-Jan-19	06-Jun-19	19-Jun-19	142												ļļ	,
	L01280	days)	al (Assume 7 days is required instead of 28	7	29-Jan-19	04-Feb-19	20-Jun-19	26-Jun-19	142										1			
	L01290	Finishes work		88	18-Oct-18 A	31-Jan-19	12-Apr-19	26-Jun-19	117									1	7			
	L01300	CLP Power available (by C	LP)	869	04-Apr-16 A	20-Aug-18 A											1 1	1		!		
	L01310	Lift available - NF117-Lift 2		0		04-Feb-19		26-Jun-19	114	<u>-</u>							04	-Feb-19	9 ♦ Lift	available	- NF117-Lift	2
	Demolition of	f Existing Nam Wa P	o Footbridge		<u>'</u>	'	1	1										士				
	General																	$\perp \! \! \! \! \! \! \! \! \! \perp$				
_	Remaining Lev	vel of Effort	Project File:WP Rev 07					Contract	No. HY	/2012	/06						Date	Revisi		ecked	Appro	ved
	Actual Level of Actual Work		Layout: WP rev 7			Widoni	ng of Fanlin	ıg Highway -	. Tai Ha	na to '	Wo Hon	Shek I	Intercha	ange			07-Nov-16 17-Aug-17					
	Remaining Wo		Data Date:20-Nov-18			wideili	_			_	-	OHER I	ıııcı cıld	ange	_L'		29-Mar-18	WP Re	ev 6			
	Critical Remain	iiig work					,	Works Prog	ramme	- WP I	Rev. 7						03-Dec-18	WP Re	ev 7			
•	<ul> <li>Crit. Milestone</li> </ul>		Page 34 of 48																			

WI	P Rev 07						WF	rev 7											Page	35 of 48 (3-Dec-18
Ac	tivity ID	Activity Name	Original Duration		Finish	Late Start	Late Finish	Total Float	13	2014		2015	2016		2017	2	018		2019	2020
П	Z2.NWP.0500	Site Clearance	44	29-Aug-14 A	22-Oct-14 A					TA DIASO	I JIFI FAL		<u> </u>	30 1 11 1	INTAIN		1142		<u> </u>	DIE NINAS
П	Demolition																			
Ш	Z2.NWP.1060	Temporary support installation at existing Fanling Highway	7	12-Apr-17 A	22-Apr-17 A															
Ш	Z2.NWP.1070	Removal of existing NWP Footbridge	2	23-Apr-17 A	25-Apr-17 A															
П	Z2.NWP.1090	Existing Nam Wa Po Footbridge removed	0		25-Apr-17 A									25-Apr-17 A ◀	Existing Nar	n Wa Po Fo	otbridge r	removed		
Ш	Z2.NWP.1100	RMO additional road closure stopping period	6	23-Jan-17 A	28-Jan-17 A									1		1		1-1		
Ш	Z2.NWP.1110	Original period for Disconnecting existing lighting power by HyD Lighting Division	57	08-Dec-16 A	02-Feb-17 A									-						
П	Z2.NWP.1120	VO for Temp lighting of NWP bridge issue	0	25-Jan-17 A										◆ VØ	for Temp lighti	ng of NWP b	ridge iss	ue		
Ш	Z2.NWP.1130	Procurment period for VO	47	25-Jan-17 A	28-Mar-17 A													1		
П	Z2.NWP.1140	Temp Lighting Design and submission	4	08-Apr-17 A	12-Apr-17 A															
Ш	Z2.NWP.1150	Design approval	14	29-Mar-17 A	18-Apr-17 A													1		
Ш	Z2.NWP.1160	Temp lighting installation	5	18-Apr-17 A	22-Apr-17 A									1						
	Signalized .	lunction									+ -						+++	++		
	_	ing Vehicular Bridge															+ +	+		
	KLH Bridge	e - West Ramp																		
Ш	Z2.KLH.1031	Ducting & Cable Draw Installation at TWSR-W N/B (KLHVB) completed	0		20-Aug-17 A									20-Aug	-17 Å ◆ Duct	ng & Cable	Draw Ins	tallation at	iTW\$R-W N/B	(KLHVB) completed
П	Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	21	30-Mar-19	27-Apr-19	08-May-19	31-May-19	28										· ·	•	
П	Z2.KLH.1042	Ducting & Cable Draw Installation (KLHVB)	30	28-Jan-19*	05-Mar-19	28-Jan-19	05-Mar-19	0									-	-		
П	Z2.KLH.1052	Installation of Traffic Signal Poles at TWSR-W S/B (KLHVB)	21	06-Mar-19	29-Mar-19	09-Apr-19	07-May-19	28												
П	Z2.KLH.1062	E-prom ordering by EMSD (KLHVB)	90	30-Oct-18 A	27-Jan-19	21-Nov-18	27-Jan-19	0									1	+		
Ш	Z2.KLH.1072	Ducting & cable draw inspection by EMSD (KLHVB)	6	06-Mar-19	12-Mar-19	22-May-19	28-May-19	61										0		
Н	Z2.KLH.1082	Ducting & cable draw rectification (KLHVB)	12	13-Mar-19	26-Mar-19	29-May-19	12-Jun-19	61												
Ш	Z2.KLH.1092	PCCW cable installation & connection (KLHVB)	6	29-Apr-19	06-May-19	13-Jun-19	19-Jun-19	37											0	
Н	Z2.KLH.1102	EMSD cable & equipment installation (KLHVB)	21	29-Apr-19	23-May-19	01-Jun-19	26-Jun-19	28									-		•	
Ш	Z2.KLH.1112	Traffic Signal Installation complete (KLHVB)	0		23-May-19		26-Jun-19	28										23-May-19	◆ Traffic Sigr	nal Installation compl
	TWSD-West	l t Construction									+ :							++++		
	Drainage & F																+ +	+ + +		
	General																			
Ш	CW01	1st interface connection to CW at S/B	0		31-Jan-17 A								31-Ja	n-17 A ◆ 1st	interface conn	ection to CV	√ at S/B			
П	RDZ20130	Z2: S3: Connection of realigned TWSR-W at interface Zone 2 & 3	49	20-Jun-17 A	16-Aug-17 A															
		er Along Fanling Highway S/B																		
		45-6910)-FH S/B Side (MTRC I&P Area)															+ +	4		
Н	Noise Barri	er Works NB62 (0-80m) - Sheet piling & Excavation	35	01-Nov-16 A	10-Dec-16 A												<del></del>			
Ш	NB03090	NB62 (0-80m) - Footing & Wall Structure	317	12-Dec-16 A	12-Jan-18 A											4				
Ш	NB03092	NB62 (0-80m) - Drainage Works	21	02-Oct-18 A	26-Oct-18 A											T				
Ш		, ,	7		03-Nov-18 A												ļ <u>.</u> ,			
Ш	NB03094	NB62 (0-80m) - Drainage Works (VO on 16-10-18 - add 1 manhole)	•	27-Oct-18 A					ļ					<u>.</u>		<u></u>		1		
Ш	NB03100	NB62 (0-80m) - backfilling	244	27-Mar-17 A	20-Jan-18 A											T				
Ш	NB03110	NB62 (0-80m) - NB production	44	20-Apr-18 A	02-Jun-18 A															
Ш	NB03120	NB62 (0-80m) - NB post & panel installation	77	04-Jun-18 A	03-Sep-18 A									<u> </u>						
Ш	NB03130	NB62 (80-110m) Under bridge - Sheet piling & Excavation	15	18-Feb-17 A	07-Mar-17 A															
Ш	NB03140	NB62 (80-110m) Under bridge - Footing & Wall Structure	150	22-Apr-17 A	20-Oct-17 A									1						
Ш	NB03150	NB62 (80-110m) Under bridge - backfilling	87	21-May-18 A	01-Sep-18 A												_			
	NB03160	NB62 (80-110m) Under bridge - NB production	107	20-May-18 A	03-Sep-18 A															
								·					· · ·							
▼	Remaining Lev						Contract	No. H	Y/2012/06							Date 07-Nov-		vision Ch	necked	Approved
	Actual Level of Actual Work	Layout: WP rev 7			Wideni	ing of Fanlin	a Hiahwav -	Tai H	ang to Wa	Hop Shek	Interch	ange				17-Nov-				
	Remaining Wo	Data Data: 20-Nov-18				_			_	-		J-				29-Mar-1	18 WP	Rev 6		
•	♠ Milestone	Page 35 of 48				`	Works Progi	amme	e - WP Ke	v. /						03-Dec-	R INA	Kev /		
-   ♥	Crit. Milestone	I -		1												1				



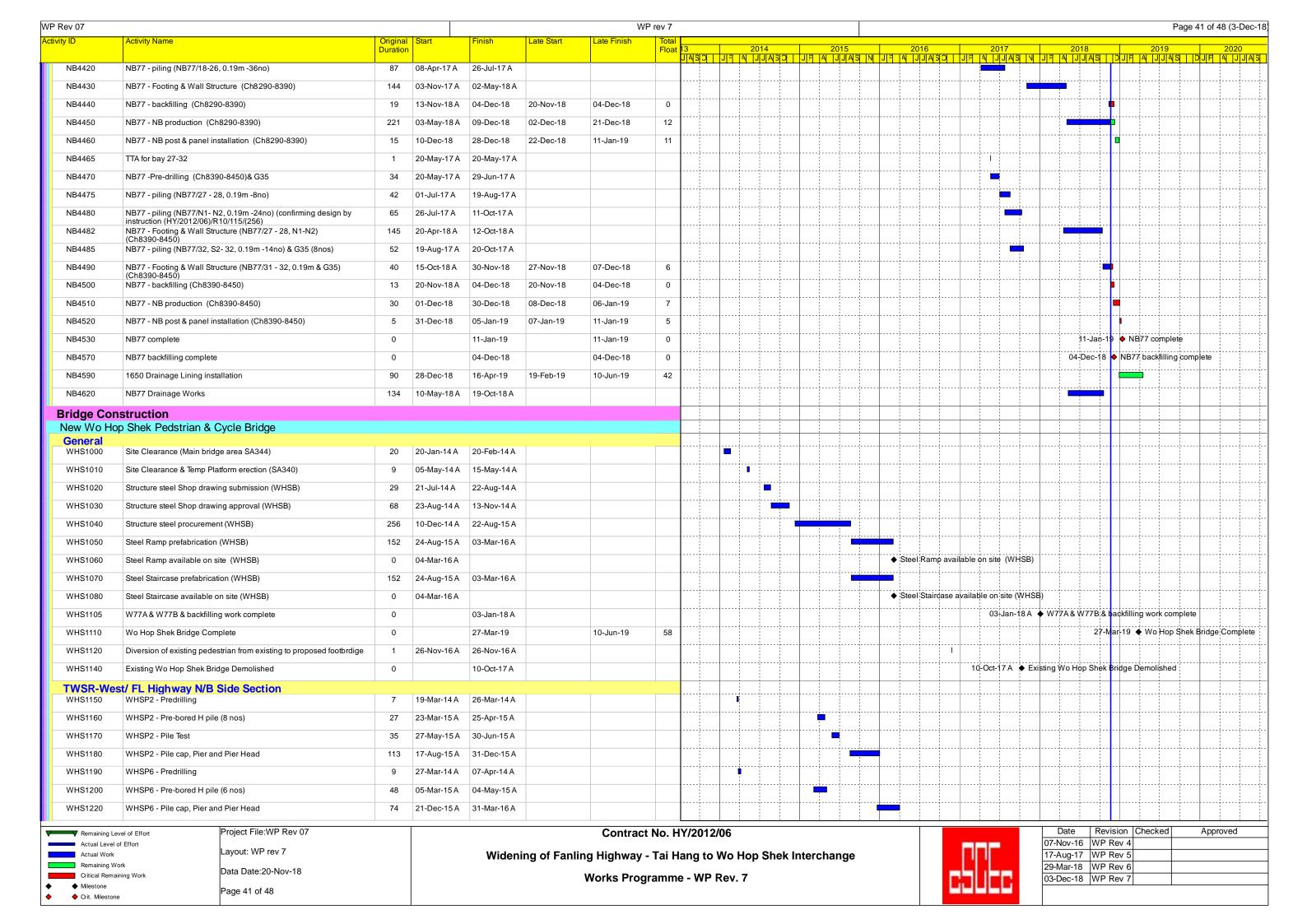
WP Rev 07							WF	P rev 7														Pa	ge 37 of 48	8 (3-Dec-18
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13		2014			2015		2016		2017		2018			019		2020
New Ho Ka	Yuen Footbridge							JAS		F A JJ	ASO	JF A	JJAS	N JF	A JJA		A JJAS	V JF			- <mark>   A   J</mark>	JAS		A JJAS
General				,					ļ															
HKY1020	Site Clearance (TWSR-W sid	<u> </u>	30	05-May-14 A	10-Jun-14 A																			
HKY1025	Site Clearance (TWSR-E sid		53		30-Jan-14 A													ļ 	ļļ.					
HKY1030	Structure steel Shop drawing		54	20-Jun-14 A	22-Aug-14 A														ļļ					
HKY1040	Structure steel Shop drawing	· · · · · · · · · · · · · · · · · · ·	67	25-Aug-14 A	13-Nov-14 A																			
HKY1050	Structure steel procurement	` ,	195		22-Jun-15 A						_							!						
HKY1060	Steel Staircase & Ramp pref	abrication (HKYB-TWSR-W side)	90	01-Apr-16 A	20-Jul-16 A																			
HKY1070	Steel Staircase & Ramp avai	lable on site (HKYB-TWSR-W side)	0	22-Aug-16 A											•	Steel Staird	ase & Ram	available	on site (HK	YB-TWSF	≀-W side	;)		
HKY1080	Steel Staircase & Ramp pref	abrication (HKYB-TWSR-E side)	69	21-Oct-15 A	13-Jan-16 A																			
HKY1090	Steel Staircase & Ramp avail	lable on site (HKYB-TWSR-E side)	0	27-Jan-16 A										♦ St	eel Stairca	se & Ramp	available or	site (HKYI	3-TWSR-E	side)				
HKY1100	Steel Bridge prefabrication (	HKYB)	60	01-Apr-16 A	14-Jun-16 A													:						
HKY1110	Steel Bridge available on site	e (HKYB)	0	15-Jun-16 A											◆ Stee	Bridge av	ailable on si	te (HKYB)						
HKY1180	Ho Ka Yuen Footbridge Com	plete	0		13-Oct-16 A									13	-Oct-16 A	◆ Ho Ka Y	uen Footbri	dge Compl	ete					
HKY1190	Existing Ho Ka Yuen Footbrid	dge Demolished	0		13-Oct-16 A									13	-Oct-16 A	◆ Existing	Ho Ka Yuer	Footbridg	Demolish	ed				
HKY1200	VO - Delete P1 loading sche	dule available	0	28-Oct-14 A							♦ V	0 - Delete	P1 loadin	g schedu	le availabl	ė		:	†					
HKY1210	HKY footbridge design availa	able for FLHY & TWSR-W section	223	28-Oct-14 A	03-Aug-15 A						-	<u> </u>	<del></del>					:	<del>  </del>			1		
TWSR-We	st/ FL Highway N/B S								<u> </u>									!				1 1		
HKY1130	Soil Nail besides P6 & AB3 -	VO	0	22-May-14 A						♦ \$o	il Nail bes	sides P6 8	& AB3 - VO	)		<u> </u>		<u> </u>						
HKY1135	Soil Nail Works		76	15-Nov-14 A	14-Feb-15 A						_							!		! !				
HKY1140	HKYP6 - Predrilling		9	06-Oct-14 A	15-Oct-14 A						0							:						
HKY1160	Revised Layout of HKY-P6		0	13-Apr-16 A											♦ Revised	Layout of F	IKY-P6	:						
HKY1162	Mobilisation, backfill & remove	ve completed ELS & Redesign ELS	25	14-Apr-16 A	13-May-16 A										-									
HKY1164	HKYP6 - additional rock brea	aking	23	16-May-16 A	11-Jun-16 A													:						
HKY1170	HKYP6 - Pile cap, Pier and F	Pier Head	60	13-Jun-16 A	22-Aug-16 A										-			:						
HKY1220	HKYAB3 - Predrilling		15	15-Oct-14 A	31-Oct-14 A																			
HKY1230	HKYAB3 - Pre-bored H pile (	6 nos) - VO40	6	03-Dec-15 A	09-Dec-15 A									1				!	†					
HKY1240	HKYAB3 - Pile Test		43	16-Dec-15 A	06-Feb-16 A									-								1		
HKY1250	HKYAB3 - pile cap & abutme	nt wall	132	20-Aug-16 A	27-Jan-17 A				<del> </del>						-			<del> </del>	<del>}</del>					
HKY1260	HKYAB3 - Backfilling (~4m)		10	28-Jan-17 A	16-Feb-17 A													i	<u></u>			1		
HKY1270	Steel Staircase ready for ere	ction (THFB-TWSR-W side)	0		16-Feb-17 A							<del>-</del>			16-Fe	eb-17 A ♦	Steel Stairca	se ready fo	or erection (	THEB-TV	/SR-W s	side)		
HKY1273	Erect Stairecase (HKY-TWSI	R-W side)	18	23-Jun-17 A	14-Jul-17 A												•	<del> </del>	<del> </del>					
HKY1275	Existing HKY bridge structure	e removed (TWSR-W)	0		20-Nov-14 A					20-Nov-	14A ◆ E	Existing H	IKY bridge	structure	removed (	TWSR-W)		<u> </u>				1		
HKY1278	HKYP7 - ELS & Remove exis	sting structure	64	20-Jul-15 A	03-Oct-15 A													<del> </del>						
HKY1280	HKYP7 - Predrilling		5	10-Feb-15 A	14-Feb-15 A							1										1		
HKY1288	TMLG additional stop work p	eriod	6	17-Oct-15 A	25-Oct-15 A							·						<u></u>						
HKY1289	Additional re-set up works af	ter stop work period	21	08-Nov-15 A	02-Dec-15 A									<b>-</b>				<u> </u>	<del>  </del>			<del> </del>		
HKY1290	HKYP7 - Pre-bored H pile (6	Sinos)	6	10-Dec-15 A	16-Dec-15 A							·		1										
HKY1310	HKYP7 - Pile cap, Pier and F	Pier Head	93	18-Jan-16 A	20-May-16 A													<del> </del>	<del>  </del>					
HKY1314	TTA Closure for Ching Ming	Festival	32	20-Mar-15 A	20-Apr-15 A							ļ <del>-</del>						ļ				<del>  </del>		
HKY1315	Sheet piling for HKYAB4		18	20-Apr-15 A	11-May-15 A							-												
HKY1320	HKYAB4 - Predrilling		3	·	17-Feb-15 A													<u> </u>	<del>  </del>	- <del></del>		<del>  -</del>		
HKY1330	HKYAB4 - Pre-bored H pile (	16 nos)	55	12-May-15 A								ļ <u>-</u>										<del>  -</del>		
	·	Project File:WP Rev 07					Contract	No HV/2	012/04	<u>                                     </u>			1 1		<u> </u>		1 1		Date I	Revision	Check	<u>i i</u>	Appro	ved
Remaining Le	of Effort															-		07-	Nov-16 V	/P Rev 4	4			
Actual Work  Remaining W	'ork	ayout: WP rev 7			Wideni	ng of Fanli	ng Highway -	Tai Hang	j to W	o Hop S	hek Ir	ntercha	ange			_   J	1		Aug-17 W Mar-18 W					
Critical Rema	mining Work	ata Date:20-Nov-18					Works Prog	ramme - V	NP Re	v. 7									Dec-18 W			士		
◆ Crit. Mileston	e	age 37 of 48														-1-1								

WP Rev 07							WF	P rev 7													Page	э 38 of 48	3 (3-Dec-18
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13		2014			2015	2016	120	2017		2018		20	)19		2020
HKY1350	HKYAB4 - pile cap & abutm	ent wall	104	21-Mar-16 A	28-Jul-16 A			JE	<u> </u>	JF A JJ	[A[S]O] [	JIH IA			ASO I JIH	<u>                                      </u>	<u> </u>	A JJA	<u> </u>	HIAIN	JAS L	IDNE IN	JJAS
HKY1360	HKYAB4 - Backfilling (~3m)		12	29-Jul-16 A	11-Aug-16 A										i								
HKY1370	Steel Ramp ready for erect	ion (HKY-TWSR-W side)	0		22-Aug-16 A								22	2-Aug-16 A	◆ Steel Ram	p ready for e	erection (Hr	Y-TW\$R-W	/ side)		<del> </del>		
HKY1390	Erect Ramp (HKY-TWSR-V	V)	19	23-Aug-16 A	13-Sep-16 A										•		-						
HKY1400	Finishes Work		23	14-Sep-16 A	13-Oct-16 A																		
HKY1410	Bridge Structure complete	(HKY-TWSR-W side)	0		13-Oct-16 A									13-Oct-16	A ♦ Bridge	Structure co	mplete (HK	Y-TWSR-W	side)				
HKY1440	Remaining Finishes works	of HKYFB	596	21-Nov-16 A	29-Nov-18	02-Apr-19	12-Apr-19	109									· <u></u>	1 1					
HKY1520	VO11 - slope improvement	work	45	30-Nov-18	24-Jan-19	13-Apr-19	10-Jun-19	109										+					
	Fanling Highway Sec																						
HKY1420	HKYP2 - Predrilling (1nos)		8	04-Jan-16 A	12-Jan-16 A								<u> </u>										
HKY1430	HKYP2 - Pre-bored H pile (	,	24		25-Feb-16 A									<u></u>							ļļ		
HKY1450	HKYP2 - Pile cap, Pier and		78		02-Jun-16 A																		
HKY1460	Erect HKY bridge Structure	across fanling highway	12	15-Aug-16 A											<u>-</u>						ļļ		
HKY1470	Finishes Work		19	20-Sep-16 A	13-Oct-16 A																ļļ		
HKY1480		(THFB-Cross fanling highway)	0		13-Oct-16 A									13-Oct-16	A ♦ Bridge	Structure co	mplete (1H	FB-Cross ta	nlin <b>g</b> nigr	iway)			
TWSR-Eas HKY1490	st FL Highway S/B Si Temp Access formation	de Section	18	20-Feb-14 A	12-Mar-14 A																		
HKY1500	HKYAB1 - Predrilling		12	29-May-14 A	12-Jun-14 A													.					
HKY1510	HKYAB1 - Pre-bored H pile	(4 nos)	16	09-Jul-14 A	26-Jul-14 A												-						
HKY1530	HKYAB1 - pile cap & abutm	nent wall	71	24-Nov-14 A	17-Feb-15 A							<u> </u>											
HKY1540	HKYAB1 - Backfilling (~3m)		12	27-Feb-15 A	12-Mar-15 A							•					-	.					
HKY1550	HKYP3 - Predrilling		2	18-Jan-14 A	20-Jan-14 A					1													
HKY1560	HKYP3 - Pre-bored H pile (	8 nos)	28	04-Jul-14 A	05-Aug-14 A																		
HKY1570	HKYP3 - Pile Test		31	18-Sep-14 A	18-Oct-14 A												-						
HKY1580	HKYP3 - Pile cap, Pier and	Pier Head	209	24-Nov-14 A	13-Aug-15 A																		
HKY1590	Erect Stairecase (HKYFB-T	WSR-E side)	17	15-Jan-16 A	03-Feb-16 A									ı				+					
HKY1600	Finishes Work		44	20-Aug-16 A	13-Oct-16 A																		
HKY1610	Bridge Structure complete	(HKYFB-TWSR-E side)	0		13-Oct-16 A									13-Oct-16	A ♦ Bridge	Structure co	mplete (HK	YFB-TWSR	-E side)				
HKY1730	HKYP4 - Predrilling		5	21-Jan-14 A	25-Jan-14 A					1													
HKY1740	HKYP4 - Pre-bored H pile (	(6 nos)	16	22-Jul-14 A	08-Aug-14 A																l		
HKY1760	HKYP4 - Pile cap, Pier and	Pier Head	353	15-Oct-14 A	23-Dec-15 A								-					. <del> </del>					
HKY1770	HKYP5 - Predrilling		12	20-May-14 A	03-Jun-14 A																		
HKY1780	HKYP5 - Pre-bored H pile (	(8 nos)	49	22-Jul-14 A	17-Sep-14 A						-							<del> </del>			<del> </del>		
HKY1800	HKYP5 - Pile cap, Pier and	Pier Head	243	15-Oct-14 A	13-Aug-15 A								-										
HKY1810	HKYAB2 - Predrilling		91	14-Jan-14 A	15-May-14 A													1 1			<del> </del>		
HKY1820	HKYAB2 - Pre-bored H pile	(18 nos)	78	10-Jun-14 A	10-Sep-14 A					<u> </u>	-												
HKY1830	HKYAB2 - Pile Test		29	20-Oct-14 A	17-Nov-14 A						-												
HKY1840	HKYAB2 - pile cap & abutm	ent wall	78	17-Nov-14 A	18-Feb-15 A							-											
HKY1850	HKYAB2 - Backfilling (~4m)		12	27-Feb-15 A	12-Mar-15 A							•											
HKY1860	Erect Steel Ramp (HKYFB-	TWSR-E side)	118	20-Feb-16 A	15-Jul-16 A													<del></del>					
HKY1870	Steel Ramp finishes work (	HKYFB-TWSR-E side)	670	13-Oct-16 A	19-Jan-19	08-Apr-19	10-Jun-19	113									<u></u>	<u> </u>					
	of Existing Ho Ka Yue			J.																			
TWSR-We	st/ FL Highway N/B \$								-		<u>!</u>	<u></u> _						<u> </u>					
Remaining Le	evel of Effort	Project File:WP Rev 07					Contract	No. HY/	2012/	06								Date Nov-16 V	Revision	1	ed	Approv	/ed
Actual Work		Layout: WP rev 7			Wideni	ng of Fanlir	ng Highway -	Tai Han	g to \	No Hop S	Shek I	ntercha	ange		П		17-	Aug-17 V	VP Rev 5	5			
Remaining W		Data Date:20-Nov-18					Works Prog	ramme -	WP F	Rev. 7								Mar-18 V Dec-18 V			+		
◆ Milestone ◆ Crit, Mileston	ne	Page 38 of 48							•									5					

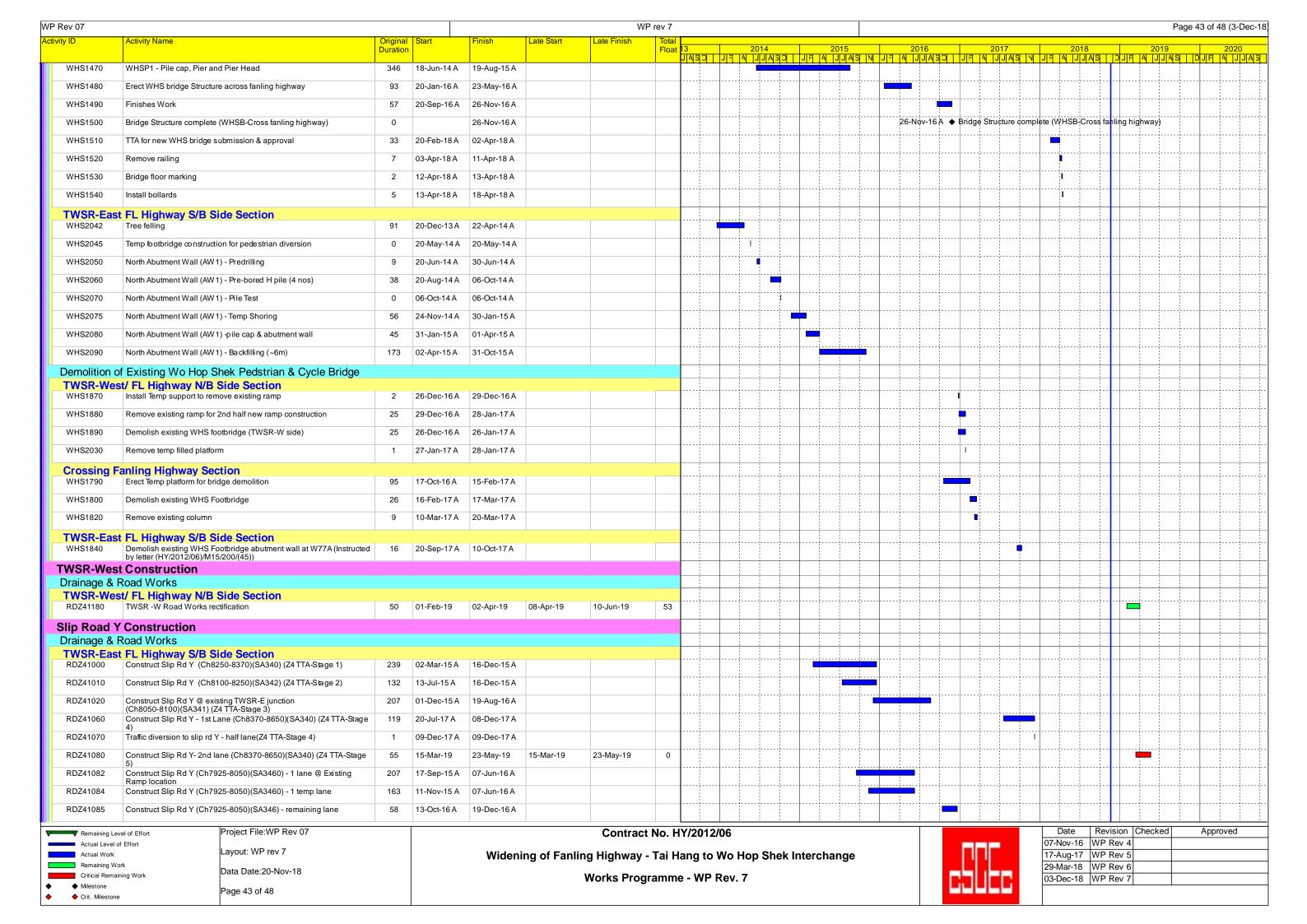


WP	Rev 07							WF	P rev 7											Page 40 of	48 (3-Dec-18)
Acti	vity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13		2014		2015	20	16	2017	2018		2019	)	2020
Ш	NB4070	NB75 - backfilling (Ch7930	0-7990)	27	21-Aug-17 A	20-Sep-17 A			JE		1-1   1   1   1	AISIO		J  -    A    J	JASO JE			AS ID	<u>                                     </u>	AS I DJE	
	NB4080	NB75 - NB production (Ch7	7930-7990)	32	20-Oct-17 A	20-Nov-17 A							<del></del>								
	NB4090	NB75 - NB post installation	(Ch7930-7990)	116	20-Dec-17 A	16-May-18 A															
	NB4100	NB75 -Pre-drilling (Ch7990		48	28-Nov-16 A	25-Jan-17 A															
Ш	NB4110	NB75 - piling (NB75/06, 0.1		4		11-Feb-17 A															
	NB4120		icture (Ch7990-8000) & G34	50		05-Aug-17 A															
	NB4130	NB75 - backfilling (Ch7990		27		20-Sep-17 A															
	NB4140	NB75 - NB production (Ch7	·	32	20-Oct-17 A	20-Nov-17 A															
	NB4150	NB75 - NB post installation		111	28-Dec-17 A	16-May-18 A										ļļ					
	NB4160	NB75 -Pre-drilling (Ch8000		10	26-Jan-17 A	14-Feb-17 A															
			•												-						
Ш	NB4170	NB75 - piling (NB75/07-10		19	15-Feb-17 A	08-Mar-17 A							ļļļ								
	NB4180	NB75 - Footing & Wall Stru		23		05-Jul-17 A															
Ш	NB4190	NB75 - backfilling (Ch8000	·	27		20-Sep-17 A							ļļ								
Ш	NB4200	NB75 - NB production (Ch8		32	20-Oct-17 A	20-Nov-17 A										-					
	NB4210	NB75 - NB post installation		116	20-Dec-17 A	16-May-18 A															
	NB4220	NB75 -Pre-drilling (Ch8050		9	26-Jan-17 A	13-Feb-17 A															
	NB4230	NB75 - piling (NB75/11-14,	, 0.19m -18no)	14	21-Feb-17 A	08-Mar-17 A									•						
Ш	NB4240	NB75 - Footing & Wall Stru	icture (Ch8050-8090)	26	20-Jun-17 A	20-Jul-17 A															
Ш	NB4250	NB75 - backfilling (Ch8050	0-8090)	27	21-Aug-17 A	20-Sep-17 A										-					
Ш	NB4260	NB75 - NB production (Ch8	8050-8090)	152	20-Nov-17 A	20-Apr-18 A										1					
Ш	NB4270	NB75 - NB post installation	(Ch8050-8090)	21	21-Apr-18 A	16-May-18 A															
Ш	NB4275	NB75 - NB panel installation	on	20	20-Nov-18	12-Dec-18	17-Dec-18	11-Jan-19	23									-			
Ш	NB4280	NB75 complete		0		12-Dec-18		11-Jan-19	23								12÷D	ec-18 <b>♦</b>	NB75 comple	ete	
	NB4580	NB75 backfilling complete		0		31-Jan-18 A										31-Jan-18	A ♦ NB75 bac	kfilling co	mplete		
Ш	NB4600	NB75 structure complete		0		20-Aug-17 A								1	20-Aı	ug-17 A ♦ NB7	5 structure comp	olete			
	NB4610	NB75 Drainage Works		162	20-Jul-17 A	31-Jan-18 A						· <del> </del>					+	·			
	NB77 (Ch.80	090-8450)-FH N/B Sid	de																		
	Noise Barri		and the state of t	0	26-Nov-16 A										<b>Δ</b> ΤΤΛ 6	or FH N/B (Stage	a C) atart				
Ш	NB4285	TTA for FH N/B (Stage 6) st		0		00 5 1 47 4									V I IA	UI FH IN/D (Stage	e 0) Start				
	NB4290	NB77 -Pre-drilling (Ch8090		51	01-Dec-16 A	09-Feb-17 A										<u></u>					
Ш	NB4300	NB77 - piling (NB77/01-08		63	28-Feb-17 A	18-May-17 A									_	<u></u>					
Ш	NB4310	NB77 - Footing & Wall Stru		399	20-Jul-17 A	20-Nov-18 A							<u> </u>								
Ш	NB4320	NB77 - backfilling (Ch8090	·	16		20-Nov-18 A															
	NB4330	NB77 - NB production (Ch8		31	21-Nov-18 A	21-Dec-18	20-Nov-18	21-Dec-18	0							ļļļ					
	NB4340	NB77 - NB post & panel ins		15	22-Dec-18	11-Jan-19	22-Dec-18	11-Jan-19	0												
	NB4350	NB77 -Pre-drilling (Ch819	·	4	10-Feb-17 A	14-Feb-17 A									1						
	NB4360	NB77 - piling (NB77/09-17	, 0.19m -36no)	46	20-Mar-17 A	18-May-17 A															
	NB4370	NB77 - Footing & Wall Stru	cture (Ch8190-8290)	144	20-Sep-17 A	16-Mar-18 A															
	NB4380	NB77 - backfilling (Ch8190	0-8290)	17	01-Mar-18 A	20-Mar-18 A															
	NB4390	NB77 - NB production (Ch	8190-8290)	62	17-Mar-18 A	17-May-18 A										i					
	NB4400	NB77 - NB post & panel ins	stallation (Ch8190-8290)	15	20-Nov-18	06-Dec-18	22-Dec-18	11-Jan-19	28			:									
	NB4410	NB77 -Pre-drilling (Ch829	0-8390)	5	15-Feb-17 A	20-Feb-17 A			1						1						
		<u> </u>						1				'		<u>'</u>	· · · · · · · · · · · · · · · · · · ·						
_	Remaining Lev		Project File:WP Rev 07					Contract	No. HY/	2012/0	)6						Date 07-Nov-16	Revision		App	oroved
	Actual Work		Layout: WP rev 7			Wideni	ng of Fanlii	ng Highway -	Tai Han	g to V	o Hop S	hek In	nterchange				17-Aug-17	WP Rev	v 5		
	Remaining Wo Critical Remain		Data Date:20-Nov-18				_	Works Prog		_	_		_				29-Mar-18				
•	◆ Milestone	-	B 40 . ( 40					WOIKS FIUG	annie -	VVP R	CV. /				الرزيا		03-Dec-18	INN Ke	v /		

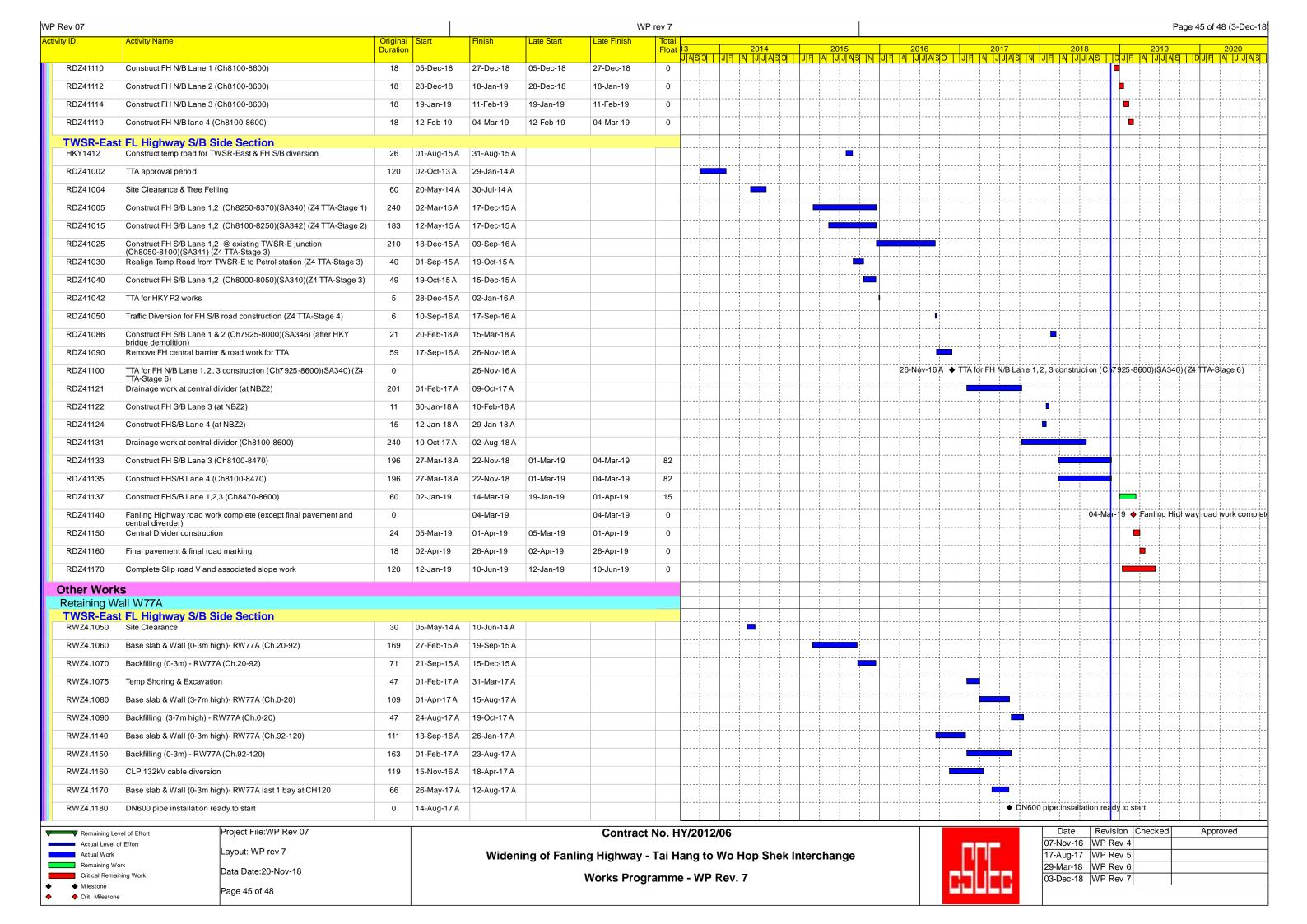
Page 40 of 48



WP Rev 07							V	WP rev 7															Page 42	2 of 48 (3-De	ec-1
Activity ID	Activity Name		Original Ouration	Start	Finish	Late Start	Late Finish	Total Float			2014		2015		2016		2(	)17	2	018		2019		2020	
WHS122	2 WHSP7 - Predrilling		12	19-Mar-14 A	01-Apr-14 A				JIAISIC				A NAME	N JF	A JJ/		JIF  A	JJAS N	JIF A L	JIJI AISI		A DI		JF A JJ	AS
WHS122	4 WHSP7 - Pre-bored H pile	(6 nos)	29	05-Mar-15 A	10-Apr-15 A																				
WHS122	8 WHSP7 - Pile cap, Pier an	d Pier Head	45	27-Dec-18	20-Feb-19	08-Mar-19	04-May-19	58																	
WHS123	0 WHSAB1 - Predrilling		13	16-May-14 A	30-May-14 A				-																
WHS124	0 WHSAB1 - Pre-bored H pi	le (4 nos)	39	23-Mar-15 A	11-May-15 A										<del>  </del>										
WHS126			56	20-Jul-18 A	22-Sep-18 A				<del>  -</del>						·}					-		ļ <u> </u>			
WHS127	0 WHSAB1 - Backfilling (~4r	n)	27	20-Nov-18 A	20-Dec-18	29-Mar-19	04-May-19	106													-				
WHS128		rection (WHS-TWSR-W side)	0		20-Feb-19		04-May-19	58							ļ <u> </u>					20-Fe	b-19 ♦	Steel Sta	rcase rea	ady for erectio	on (W
WHS129			30	21-Feb-19	27-Mar-19	06-May-19	10-Jun-19	58							·										}
WHS130			0		26-Jan-17 A	.,			-						26-J	lan-17 A	◆ Existino	WHS bride	ge structure	remove	d	ļ <u>i</u>			
WHS135			13	03-Feb-17 A	20-Feb-17 A													·}		ļļ.					
WHS136	· · ·	·	26	20-Feb-17 A	21-Mar-17 A										ļ <u> </u>		<u> </u>								
WHS136	<u> </u>		0	23-Feb-15 A	27-Feb-15 A										<del>  </del>			ļ		<del>  -</del>					
WHS136				27-Feb-15 A	10-Mar-15 A								l		·							ļ			
WHS137				21-Mar-17 A	20-Apr-17 A										ļļ			ļļ.				ļ <u>-</u>			
WHS137				20-Jun-17 A	20-Apr-17 A										·}					-					
	<u> </u>																								
WHS139				20-Mar-18 A	16-Apr-18 A				J						ļļ			16 Ans	104	H half C	tool Domi		- dra ation	ANUIS TWE	, D , W
WHS140		for erection (WHS-TWSR-W side)	0	00.14. 40.4	16-Apr-18 A				ļļ.						ļļ			Т6-Арг	16 A 🔻 21	iù naii Si	ee Ramp	i ready ic		n (WHS-TŴS	-K-VV
WHS141	·			03-May-18 A	05-Jun-18 A		07.14		ļļ.						ļļ				-		<u> </u>				
WHS142	·		138	13-Jul-18 A	24-Dec-18	30-Jan-19	07-Mar-19	58	ļļ.						ļļ										
WHS143		(WHS-TWSR-W side)	0		27-Mar-19		10-Jun-19	58	ļļ.											27-	var-19 ◀	Bridge	Structure	complete (W	HS
WHS189			6	11-Mar-14 A	17-Mar-14 A								<u></u>							ļļ.		ļļ			
WHS189	·	` '	26	10-Apr-15 A	11-May-15 A				ļļ.					<u></u>						ļļ.		ļļ			
WHS189		d Pier Head		02-Jul-15 A	31-Dec-15 A				J													ļļ			
WHS190			6	09-Apr-14 A	15-Apr-14 A				1		•									ļļ.	_	ļļ			
WHS191	· ·		48	05-Mar-15 A	04-May-15 A																_	<u> </u>			
WHS193		d Pier Head	335	02-Jul-15 A	20-Aug-16 A											1									
WHS194			12	06-May-14 A	20-May-14 A																				
WHS195	·	` '	33	23-Mar-15 A	04-May-15 A								_												
WHS197			69	29-Dec-15 A	31-Mar-16 A																				
WHS198	1st half Steel Ramp ready	for erection (WHS-TWSR-W side)	0		20-Aug-16 A									20-Au	ıg-16 Å ◀	♦ 1st hal	f Steel Rar	np ready fo	r erection (V	VHS-TW	SR-W sid	le)			
WHS199	0 Erect 1st half ramp		119	10-May-16 A	29-Sep-16 A												 								
WHS200			56	27-Jul-16 A	30-Sep-16 A										-							jj			
WHS201	0 Erect temp access betwee	n existing bridge to 1st half ramp	71	27-Jul-16 A	20-Oct-16 A										•										
WHS202	Diverse pedestrian from ex	xisting ramp to new ramp	0		26-Nov-16 A										26-Nov-1	16A ◆ [	Diverse pe	i i	m existing ra	1 1		; ;			
WHS204	Verbal instruction of VO for	WHS Ramp modification (1st stage)	0	23-Oct-17 A														♦ Ve	rbal instruc	tion of V	O for WH	S Ramp	nodificati	ion (1st stage	<del>)</del> )
WHS210	Shop Drawing preparation	, submission & approval	90	20-Oct-17 A	06-Feb-18 A													_							
WHS211	Material procurement & tes	sting	64	21-Nov-17 A	06-Feb-18 A													_							
WHS212	0 Ramp fabrication		65	07-Feb-18 A	02-May-18 A				1																
	ng Fanling Highway Sec	etion		07.1	00.1		,																		
WHS144		(9)		27-Jan-14 A	30-Jan-14 A				ļļ.	<u>-</u>					ļļ			ļļ		ļļ.	1	ļļ			
WHS145	0 WHSP1 - Pre-bored H pile	(6 nos)	65	03-Mar-14 A	23-May-14 A											1	1								
Remai	ning Level of Effort	Project File:WP Rev 07					Contrac	ct No. F	1Y/20	12/06									Date	- 1	vision C	Shecked	i	Approved	
	Level of Effort Work	Layout: WP rev 7			Widon:	ng of Earl	ng Highway				don Sha	k Intoro	hanas			3		18	07-Nov-1 17-Aug-1				<u> </u>		
Remai	ning Work	Data Date:20-Nov-18			vviueili	ing of Faill			_		-	K HILEIC	many <del>t</del>				L'		29-Mar-1	8 WP	Rev 6				
◆ Milesto	remaining work	Page 42 of 48					Works Pro	gramm	e - W	P Rev.	7								03-Dec-1	8 WP	Rev 7				
♦ Crit. N	ilestone	1 490 72 01 70														- 1111		SOUR	1						



WP Rev 07							W	P rev 7														Page	44 of 48 (3-Dec-18
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13	20	14	20	015		2016		2017		2018		;	2019	2020
RDZ41088	Gazettal period for Slip Roa	d V commissioning	183	22-Nov-18	23-May-19	22-Nov-18	23-May-19	0	JASO	JF A J	JASO	JF A	JJAS	N JF	A JJA	SO JE	AJJAS	N JF	AJJA		JF A		DIL M NIMS
RDZ41089	Slip Road Y (Ch7925-8650)		0	22 1101 10	23-May-19	22 1101 10	23-May-19	0	ļ				ļļ							28.1	May 10 4	Slip Pood	/ (Ch7925-8650) co
	` ` `	Complete	U		23-iviay-19		23-Way-19	0												25-10	viay-15	- Slip Koau i	(CIII \$23-0000) 60
	d Utility Works  DN900 Watermain																			+	+ :		
DN0900	Design Information availabl	e for construction - DN600 stage 1	0	11-Jun-14 A					<del>-</del>	•	Design Inf	ormation av	ailable fo	or constr	uction - DI	N600 stage 1	(Horizonta	alignment	)				
DN0910		e for construction - DN600 stage 1 (Vertical	0	18-Jul-14 A							◆ Design	Information	available	e for cons	struction -	DN600 stag	e 1 (Vertical	alignment)					
DN0990	alignment) DN600 & DN900 watermair	laying (Ch8250-8370)(SA340) (near Z4	12	31-Oct-14 A	13-Nov-14 A				<del> </del>			·			ļ <u>.</u>								
DN1000	TTA-Stage 1) (W76A bay 3	o 7) laying (Ch8250-8370)(SA340) (near Z4	26	29-Nov-14 A					<del> </del>			ļ	}		}			· <del> </del>					-
DN1010	TTA-Stage 1) (W76A bay 7	o petrol station) laying (Ch8100-8250)(SA342) (near Z4	50	15-May-15 A					ļ				<u> </u>										
DN1020	TTA-Stage 2)			15-May-15 A					ļ			·	<u></u>		·								-
	TTA-Stage 3)	laying (Ch8050-8100)(SA341) (near Z4	50						ļ		<u>-</u>	<u> </u>	ļļ				ļļ.						ļļļļ.
DN1030		laying (Ch7925-8050)(SA346)	117	15-Nov-14 A	•							<u>.</u>	1										
DN1040	DN600 & DN900 watermair TTA-Stage 4)	laying(Ch8370-8650)(SA340) (near Z4	45	29-Jul-15 A	19-Sep-15 A																		
DN1050	DN600 & DN900 watermain section)	laying complete (except DN600 lapping	0		19-Sep-15 A							19-Sep-1	5 A ◆ D	N600 &	DN900 wa	atermain layi	ng complete	e (except D	N600 lappi	ing secti	ion)		
DN1054	Watermain (DN900/1200) o	hangeover for DN600 Works	85	20-Oct-15 A	30-Jan-16 A								-										
DN1056	Laying DN600 section after	DN900 changeover Works	148	01-Feb-16 A	09-Aug-16 A				1			1	1						1 1				
DN1060	Watermain (DN600) change	eover for TTA stage 4	5	22-Aug-16 A	26-Aug-16 A				1			·	1		1		-		<u> </u>		1		1
DN1070	DN600 watermain laying (0	Ch8400 - 8600) (W77A to	33	14-Aug-17 A	20-Sep-17 A				<del> </del>			·}			<del>  </del>		-	i <del>.</del>					
VO - Wall 76	W77B)(30m/section)																			+			
Retaining Wa											!									+			
_TWSR-East	t FL Highway S/B Si												ļ										
W76A1000	Design Information available		0	26-May-14 A						• [	Design Info	mation ava	allable for	r constru	¢tion -¦W7	6A							
W76A1015	Temp. road work for TTA for	DN600 & W76A (bay4-8)(TTA-1)	59	11-Jun-14 A	19-Aug-14 A						_												
W76A1016	W76A construction (bay 3, 6	5-8,10)	85	20-Aug-14 A	30-Nov-14 A																		
W76A1017	W76A backfilling work (bay	3, 6-8,10)	32	14-Nov-14 A	20-Dec-14 A						-												
W76A1018	PCCW drawpit construction		27	19-Jan-15 A	18-Feb-15 A							-						†					
W76A1019	W76A construction (bay 4,5	wall)	27	15-Jan-15 A	14-Feb-15 A								<del>  </del>		<del> </del>								† <u>-</u>
W76A1020	W76A construction (bay 9)		57	27-Jun-15 A	02-Sep-15 A				<del> </del>			·}	<u></u>		} <u> </u>				<del></del>				-
W76A1024	Watermain installation		56	02-Mar-15 A	09-May-15 A				<del> </del>			·	1										
W76A1026	WSD installation for Caltex	(CS)	5	22-Jun-15 A	26-Jun-15 A								i :i					· <del> </del>					
W76A1030	W76A backfilling work (bay	` '	23	02-Sep-15 A					ļ				ļ <u>.</u>										
			81						ļ				ļ <u>.</u>		ļļ								-
W76A1032	W76A construction (bay 1-2			19-May-14 A					ļ				ļ				ļļ.						
W76A1035	W76A backfilling work (bay		23	23-Aug-14 A	19-Sep-14 A								ļļ										
W76A1050	Drainage work for Caltex ac	cess road	148	20-Jul-17 A	15-Jan-18 A																		
W76A1060	Road work for Caltex acces	s road	160	16-Jan-18 A	02-Aug-18 A													_					
	hway Construction	ı									!												
Drainage & F		ide Coetien											-										
RDZ41102	st/ FL Highway N/B S Construct FH N/B Lane 1 (a		56	20-Feb-18 A	30-Apr-18 A						<del>-</del>	·						-	-				
RDZ41104	Construct FH N/B Lane 2 (a	t NBZ2)	20	21-May-18 A	13-Jun-18 A																		
RDZ41105	TTA N14A Lane 2 (at NBZ2)		0		14-Jul-18 A				<del> </del>				ļ					14-Ju	-18A <b>◆</b> T	ITA N14	4A Lane 2	(at NBZ2) wit	th Chun Wo
RDZ41106	Construct FH N/B Lane 3 (a		30	16-Jul-18 A	18-Aug-18 A				ļ						·								
	·	·		10-Jul-10 A						ļ	i i i i							1			14541	2'(0+NID70)	with Chara W-
RDZ41107	TTA N15A Lane 3 (at NBZ2)		0		18-Aug-18 A	00.11						ļ						18-A	ug-18 A ●	i IAN'	DALane	o (at NBZ2) \	with Chun Wo
RDZ41108	Construct FH N/B Lane 4 (a	•	81	20-Aug-18 A		29-Nov-18	04-Dec-18	8	ļļ				ļ <u>.</u>		.		ļļ						
RDZ41109	TTA Lane 4 (at NBZ2) with 0	Chun Wo	0		24-Nov-18		04-Dec-18	8			!							1	24-Nov	-18	TTA Lane	4 (at NBZ2)	with Chun Wo
Remaining Lev	vel of Effort	Project File:WP Rev 07					Contract	t No. F	IY/2012/	<u></u>									Date	Revisi	ion Chec	cked	Approved
Actual Level of	f Effort	_ayout: WP rev 7			147						OL : :								Nov-16				
Actual Work  Remaining Wo	nrk	•			Widen	ing of Fanlir	ng Highway	- Iai H	iang to	wo Hop	Snek li	ntercha	nge			_   '	1		Aug-17 Mar-18				
Critical Remain	ning work	Data Date:20-Nov-18					Works Prog	ramm	e - WP I	Rev. 7									Dec-18				
◆	,	Page 44 of 48															-1						



WP Rev 07						W	P rev 7									-		Page 4	46 of 48 (3-Dec-18
Activity ID	Activity Name	Original Duration	Start	Finish	Late Start	Late Finish	Total Float		2014 JIT N JJJASO I	JIF IA	2015 [JJ]AS N	2016 JIF   A   J J A S	2017 	NS IN JIF	2018  A  J J	3 [A S    [[		2019 JIJIAS   [D	2020 DJF N JJJAS
RWZ4.1190	Temporary diversion of existing watermain under new slip road Y	4	12-Jun-17 A	15-Jun-17 A									1						
Retaining Wa																			
TWSR-East RWZ4.1092	FL Highway S/B Side Section Site Clearance	106	21-Jul-14 A	24-Nov-14 A															
RWZ4.1100	Base slab & Wall (0-3m high)- RW77B (Ch 0-23)	155	20-Jan-17 A	05-Aug-17 A									- <u> </u>						
RWZ4.1110	Backfilling (0-3m) - RW77B (Ch 0-23)	30	07-Aug-17 A	09-Sep-17 A															
RWZ4.1110	Temp Shoring & Excavation	250	01-Mar-16 A	31-Dec-16 A															
RWZ4.1120	Base slab & Wall (3-4m high)- RW77B (Ch.23-75)	199	01-Jun-16 A	27-Jan-17 A															
RWZ4.1130	Backfilling (3-4m high) - RW77B (Ch.23-75)	33	11-Sep-17 A	20-Oct-17 A										-					
Retaining Wa	all W /8 : FL Highway S/B Side Section																+ -	1 1	+
RWZ4.0900	Site Clearance	12	11-Dec-17 A	23-Dec-17 A															·
RWZ4.0910	Demolition of existing retaining wall (Instructed in 2-Jun-17 ad-hoc site	56	27-Jun-18 A	31-Aug-18 A													1		ļ
RWZ4.1010	meeting) Base slab & Wall (6-11m high)- RW78 (Ch.0-50)	188	02-Jan-18 A	21-Aug-18 A															
RWZ4.1020	Backfilling (6-11m high) - RW78 (Ch.0-50) (Slope S55)	83	01-Sep-18 A	10-Dec-18	08-Dec-18	31-Dec-18	16												
RWZ4.1030	Base slab & Wall (0-6m high)- RW78 (Ch.50-129)	99	01-Sep-18 A	31-Dec-18	20-Nov-18	31-Dec-18	0												ł
RWZ4.1040	Backfilling (0-6m high) - RW78 (Ch.50-101) (Slope S55)	30	02-Jan-19	07-Feb-19	02-Jan-19	07-Feb-19	0										-		
Slope Works																			
	FL Highway S/B Side Section																		
S1030	Slope S53-Fill ~5m (Deleted on 20-July-18, VO pending)	0	20-Jul-18 A	20-Jul-18 A											1				
S1040	Slope S54A-Cut ~4m	40	20-Nov-18	08-Jan-19	07-Mar-19	26-Apr-19	87									F	7		
S1050	Slope S54B-Cut ~5m	40	20-Nov-18	08-Jan-19	07-Mar-19	26-Apr-19	87										-		
S1060	Slope S55-Fill ~10m	30	08-Feb-19	14-Mar-19	08-Feb-19	14-Mar-19	0										_		
TCSS Works																			
TCSS Pre-C	Construction Works Acquire Design Criteria from Drawing & procurement	256	27-Feb-15 A	06-Jan-16 A															- <del></del>
TCSS0110	Confirm Design criteria with Engineer	29	20-Feb-16 A	19-Mar-16 A				ļ											
TCSS0120	Prepare Shop Drawing-TCSS	125	20-Dec-17 A																
TCSS0120	Shop Drawing Comment & Approval	43	29-May-18 A	10-Jul-18 A															
TCSS0140	Revised & Re-submission TCSS shop Drawing	95	11-Jul-18 A	01-Nov-18 A											01 Nov 1	0 1 1	Sonfirm Chy	on drowing s	k ready for material o
TCSS0150	Confirm Shop drawing & ready for material ordering & factory production	0	22 1 12 1	01-Nov-18 A										<u></u>	U1-NOV-1	6 A ♥ C	oniiiiii Sno	p drawing &	ready for material of
TCSS0160	Raw material procurement	219	09-Jan-18 A	15-Aug-18 A															
TCSS0180	Sign Gantry Factory production - FVMS1 (Deleted)	0	20-Nov-18	20-Nov-18	08-Jul-20	08-Jul-20	484												
TCSS0230	Sign Gantry Factory production - G34 (Z4)	35	02-Nov-18 A	12-Dec-18	23-Nov-18	15-Dec-18	3												
TCSS0240	Sign Gantry Factory production - G35 (Z4)	30	25-Mar-19	03-May-19	28-Mar-19	07-May-19	3												
TCSS0250	Sign Gantry Factory production - G36 (Z4)	30	11-Dec-18	17-Jan-19	14-Dec-18	21-Jan-19	3									•	<u> </u>		
TCSS0260	Sign Gantry Factory production - DS50 (Z4)	30	16-Jan-19	21-Feb-19	19-Jan-19	25-Feb-19	3												
TCSS0270	Sign Gantry Factory production - FADS8 (Z4)	30	20-Feb-19	26-Mar-19	23-Feb-19	29-Mar-19	3										_		
	sion for TCSS Works	0		40 him 40		40 him 40											0 lup 10 .	Civil Provi	sion for TCSS work
TCSS2130	Civil Provision for TCSS works available (Zone 4)	0	07.4.40	10-Jun-19	22.14	10-Jun-19	0										J-Jun-19		SION IOI 1035 WORK
TCSS2150	M12 for CCTV	14	27-Apr-19	14-May-19	08-May-19	23-May-19	8										<u></u> .		
TCSS2160	P51 for VSLS	14	24-May-19	10-Jun-19	24-May-19	10-Jun-19	0										.l		
TCSS2170	P52 for VSLS	14	24-May-19	10-Jun-19	24-May-19	10-Jun-19	0											1	
TCSS2210	Pillar box, isolator & associated duct work - PL207 for G34 & G35	30	05-Dec-18	11-Jan-19	12-Jan-19	18-Feb-19	30										<u> </u>		
															Deta		ion IO	Jr a d l	A no re: : = -!
Remaining Lev  Actual Level of	Fffort					Contract	t No. H	Y/2012/	06					07-	Date Nov-16	WP Re	ion Checlev 4	kea	Approved
Actual Work	Layout: WP rev 7			Wideni	ing of Fanlin	ng Highway	- Tai H	ang to \	No Hop Shek I	Intercha	nge			17-	-Aug-17	WP Re	ev 5		
Remaining Wo Critical Remain	Data Data: 20-Nov-18					Works Prog	ıramme	e - WP F	Rev. 7							WP Re			
♦ Milestone • Crit Milestone	Page 46 of 48					3	,	<b>-</b>						]					

W	P Rev 07						V	VP rev 7											Page 4	47 of 48 (3-Dec-18
Ac	tivity ID	Activity Name	Original Duration		Finish	Late Start	Late Finish	Total Float	13 JIASO	2014		2015	5	2016	2017	2	018		2019 [J.J.J.A.S.]   [7	2020
П	TCSS2220	Pillar box, isolator & associated duct work - PL252 for G52	30	12-Jan-19	18-Feb-19	19-Feb-19	25-Mar-19	30	<u> </u>		<u> </u>	14 14					<u> </u>		14414	
	TCSS2230	Pillar box, isolator & associated duct work - PL251 for G51 & FL01	30	19-Feb-19	25-Mar-19	26-Mar-19	04-May-19	30												
	TCSS2240	Pillar box, isolator & associated duct work - PL208 for M12, G36, P51,	30	26-Mar-19	04-May-19	06-May-19	10-Jun-19	30			<del></del>									
	TCSS2250	P52 & FL02 FL01 mounted on top of DS53	30	19-Mar-19	26-Apr-19	26-Mar-19	04-May-19	6			ļ							<del> </del>		
	TCSS2260	FL02 mounted on top of ADS52	30	27-Apr-19	01-Jun-19	06-May-19	10-Jun-19	6			<del></del>									
	G34	·				•												+++		
	TCSS1520	Slow lane footing - G34 (NB75)	0		20-Dec-17 A						÷				20-Dec-17 A	♦ Slow lan	e footing	G34 (NB75	)	·
	TCSS1530	Fast lane footing - G34 (CH7990, N/B)	23	20-Sep-18 A	19-Oct-18 A						<del></del>						-			-
	TCSS1780	TTA application & Approval - G34 (Z4)	136	20-Jun-18 A	29-Nov-18	06-Dec-18	15-Dec-18	14			÷							<b></b>		·
	TCSS1790	Sign Gantry Erection - G34 (Z4)	28	13-Dec-18	17-Jan-19	17-Dec-18	21-Jan-19	3			<del></del>									
	G35																			
	TCSS1540	Slow lane footing - G35 (NB77)	0		19-Oct-18 A											19-Oc	t-18A ◆	Slow lane f	ooting - G35 (	NB77)
	TCSS1550	Slip road island footing - G35 (CH8410, N/B)	58	10-Aug-18 A	19-Oct-18 A						<u> </u>							1		-
	TCSS1560	Fast lane footing - G35 (CH8410, N/B)	48	04-Jun-18 A	31-Jul-18 A				1		<del></del>						<b>-</b>	1-1		
	TCSS1800	TTA application & Approval - G35 (Z4)	90	11-Jan-19	03-May-19	15-Jan-19	07-May-19	3												
	TCSS1810	Sign Gantry Erection - G35 (Z4)	28	04-May-19	05-Jun-19	08-May-19	10-Jun-19	3			÷								•	
	G36																	+++		
	TCSS1570	latest date for Slow lane footing available - G36 (NB by other)	0		10-Dec-18		13-Dec-18	3								1	0-Dec-18	♦ latest da	ate for Slow la	ne footing available
	TCSS1580	Fast lane footing - G36 (CH8610, N/B)(by other)	0		20-Dec-13 A				ec-13 A	Fast lane footin	g - G36 (C	H8610, N	N/B)(by other	)						-
	TCSS1820	TTA application & Approval - G36 (Z4)	91	20-Sep-18 A	10-Jan-19	30-Nov-18	21-Jan-19	9									-	<b></b>		
	TCSS1830	Sign Gantry Erection - G36 (Z4)	28	18-Jan-19	21-Feb-19	22-Jan-19	25-Feb-19	3			÷							-		
	DS50																			
	TCSS1590	Slow lane footing -DS50 (NB74)	0		20-Aug-15 A						20-A	Aug-15 A	♦ \$low lane	footing -DS50 (NB74	)					
	TCSS1600	Slip road island footing - DS50 (CH7940, S/B)	25	19-Dec-17 A	19-Jan-18 A											-				
	TCSS1610	Fast lane footing - DS50 (CH7940, S/B)	23	20-Jan-18 A	15-Feb-18 A															
	TCSS1840	TTA application & Approval - DS50 (Z4)	84	02-Nov-18 A	13-Feb-19	01-Dec-18	25-Feb-19	10			-							<del></del>		
	TCSS1850	Sign Gantry Erection - DS50 (Z4)	28	22-Feb-19	26-Mar-19	26-Feb-19	29-Mar-19	3	1							-1				-
	FADS8									1 1	1				1 1 1					
	TCSS1620	Slow lane footing - FADS8 (CH8220, S/B)	42	04-Aug-15 A	21-Sep-15 A															
	TCSS1630	Fast lane footing - FADS8 (CH8220, S/B)	30	20-Nov-18	24-Dec-18	23-Feb-19	29-Mar-19	77												
	TCSS1860	TTA application & Approval - FADS8 (Z4)	90	06-Dec-18	26-Mar-19	10-Dec-18	29-Mar-19	3			-									
	TCSS1870	Sign Gantry Erection - FADS8 (Z4)	28	27-Mar-19	03-May-19	30-Mar-19	07-May-19	3										-		
	TCSS Hub																			
	TCSS1900	TCSS Hub Room Structure	45	20-Nov-18	14-Jan-19	22-Dec-18	18-Feb-19	28			ļ									
	TCSS1910	TCSS Hub Room Finishes	45	15-Jan-19	09-Mar-19	19-Feb-19	12-Apr-19	28												
	TCSS1920	TCSS Hub Room BS provision	45	11-Mar-19	07-May-19	13-Apr-19	10-Jun-19	28												
	_Landscape S											1 1						1		
	Landscape Z4.LW.1000	Landscape soft work Zone4	60	27-Apr-19	09-Jul-19	27-Apr-19	09-Jul-19	0			<del>-</del>								<u> </u>	
	Establishme	nt Works																		
	Establishm																			
	Z3.EW.1000	Establishment work Zone4	365	10-Jul-19	08-Jul-20	10-Jul-19	08-Jul-20	0			-									
		on of Traffic Sign at Pak Wo Road																		
	TS00990	ion of Traffic Sign at Pak Wo Road Instruction from Letter (HY/2012/06)/R10/115/(391) on 3-Dec-18	5	03-Dec-18*		07-Dec-18		5										♦ Instructi	on from Letter	(HY/2012/06)/R10/
	. 20000	(25.235,5,6,(55.7) 51.5 255.10		11 300 10		20010						<u> </u>	1				<u> </u>			
	Remaining Lev	vel of Effort Project File:WP Rev 07					Contrac	ct No. H	IY/2012	2/06						Date		vision Che	cked	Approved
	Actual Level of Actual Work	f Effort Layout: WP rev 7			Widon	ing of Earli	na Hiahway	, _ Tai ⊔	lana ta	Wo Hop Sh	ak Inta	rchans	no.			07-Nov- 17-Aug-				
[	Remaining Wo	Data Date: 20-Nov-18			WIUCII	_			_	_	on mile	onanç	<b>,∼</b>			29-Mar-	18 WP	Rev 6		
	Critical Remai	Page 47 of 48					Works Pro	gramm	e - WP	Rev. 7						03-Dec-	18  WP	Rev 7		
	Crit Milestone	ugo +1 01 +0		1											Commence of the second second	1				

P Rev 07						W	P rev 7						Page 4	48 of 48 (3-Dec
vity ID	Activity Name	Original Duration	Start	Finish	Late Start	Late Finish	Total 13	2014   JIF IA JJJIASO	2015	2016 JIF IN JJJASO		2018 JIF IN JJJJAS I	2019 	2020 DJIFI N JJJIA
TS01000	VO issue date	0	14-Dec-18*		14-Dec-18		0			1-11 1 1-1-1-1-1-1	-		♦ VO issue date	
TS01010	XP application period	90	14-Dec-18	13-Mar-19	18-Oct-18	15-Jan-19	-57						<b> </b>	1
TS01020	STLA application period	151	14-Dec-18	13-May-19	18-Aug-18	15-Jan-19	-118							1
TS01030	TTA submission & approval	30	14-Dec-18	21-Jan-19	08-Dec-18	15-Jan-19	-5						-	1
TS01040	TTA	2	14-May-19	15-May-19	16-Jan-19	17-Jan-19	-94							1
TS01050	Sheet piling & excavation	18	16-May-19	05-Jun-19	18-Jan-19	09-Feb-19	-94						•	
TS01060	Footing (FVMS & ADS52)	45	06-Jun-19	30-Jul-19	11-Feb-19	03-Apr-19	-94							
TS01070	Post & sign installation (FVMS & ADS52)	21	31-Jul-19	23-Aug-19	04-Apr-19	03-May-19	-94							-
TS01080	Demolished existing sign AD4	6	24-Aug-19	30-Aug-19	04-May-19	10-May-19	-94							-
TS01090	Reinstatement of cycle track	25	31-Aug-19	30-Sep-19	11-May-19	10-Jun-19	-94							1
TS01100	Traffic sign (FVMS & ADS52) complete	0		30-Sep-19		10-Jun-19	-94						30-Sep-19 ♦ Tra	affic sign (FVMS
TS01110	TTA	2	14-May-19	15-May-19	05-Mar-19	06-Mar-19	-55						1	-
TS01120	Sheet piling & excavation	12	16-May-19	29-May-19	07-Mar-19	20-Mar-19	-55						•	
TS01130	Footing (ADS51)	30	30-May-19	05-Jul-19	21-Mar-19	29-Apr-19	-55						<b> </b>	
TS01140	Post & sign installation (ADS51)	10	06-Jul-19	17-Jul-19	30-Apr-19	11-May-19	-55							1
TS01150	Reinstatement of slope	24	18-Jul-19	14-Aug-19	13-May-19	10-Jun-19	-55							1
TS01160	Traffic sign (ADS51) complete	0		14-Aug-19		10-Jun-19	-55						14-Aug-19 ♦ Traffic	sign (ADS51) c

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work

Milestone

Crit. Milestone

Project File:WP Rev 07
Layout: WP rev 7
Data Date:20-Nov-18
Page 48 of 48

Contract No. HY/2012/06

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

Works Programme - WP Rev. 7



 Date
 Revision
 Checked
 Approved

 07-Nov-16
 WP Rev 4
 4

 17-Aug-17
 WP Rev 5
 5

 29-Mar-18
 WP Rev 6
 6

 03-Dec-18
 WP Rev 7

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
Programmed Duration
Actual Progress
Critical Path Activities
Early Start & Early Finsih
Float = 3 weeks

Rev Date Description
00 28/02/17 initial issue
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
add mass wall & revise
installation of NB & BBI
upper part of stem wall

	Week No.	1 2	3 4	1 5	6 7	8 9	10 11	12	13 1	4 15	16 17	18	19 2	0 21	22 2	23 24	25 2	26 27	28 2	29 30	31 3	32 33	34 35	36	37 38	39	40 41	42	43	44 45	46	47 48	49 50	51 52	53 5	54 55 5	56 57	58 5	9 60	61 62	63 6	4 65	66
ct. No	5	2/25 3/4	3/11 3/18	8 3/25 4/	/1 4/8	4/15 4/22	4/29 5/6	5/13 5	5/20 5/2	7 6/3 6	/10 6/1	6/24	7/1 7/	7/15	7/22 7/	29 8/5	8/12 8/	19 8/26	9/2 9/	9/16	9/23 9/	30 10/7	0/14 10/21	10/28	11/4 11/11	11/18	11/25 12/2	12/9	12/16 12	/23 12/30	1/6	/13 1/20	1/27 2/3	2/10 2/17	2/24 3.	/3 3/10 3/	/17 3/24	3/31 4	7 4/14	4/21 4/28	3 5/5 5/1	2 5/19 5	5/26
	WO No. CB128520-5	$\perp$			+			Н	+	$\sqcup$	1	$\vdash$	1	Н	_	$\perp$			1	$\perp$		$\perp$	_														$\perp$						
	Setting out and UU detection		- (	00%		04			+	Н				Ш	_	$\perp$		$\sqcup$	_	$\perp$			_	Ш		Ш		Ш									$\perp$						
2	Submit and obtain approval of temp wks		SEED STREET		Po	%	_	Н	+	Н	-			$\sqcup$	_			$\sqcup$	_	Н		4	_	Н		Н		Н			Ш	$\perp$	Ш				$\perp$	Ш	Ш	$\perp$		$\perp \downarrow$	
	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				+-			10	0 %																														П			$\Box$	
4	Stage 2 : NB74-5, NB-74- 4											10	0%	4																									П				7
5	Stage 3: NB-74-3 , NB-74-2											EUR	GREVIA STATE		e pestilla								10	0%	D .																		7
6	Stage 4: NB74-1, Footing A ( 1 wk allowed for	plate l	load t	est)															une di	AND			10	0%	ъ			П											П				
7	Stage 5: NB74-8, & Footing B (1 wk allowed f	or plate	e loac	l test)						Ш							E		$\pm$							Asing			0%														7
	Stage 6: 74-9, NB74-10									Ш																			建装料			le	0%						П				
8a	Stage 7: Upper part of stem wall									Ш															+		_	-					- 10	0/3									
8 b	Mass concrete wall near bay 1	$\perp$		Ш	$\perp$					Ш				Ш																					-		10	5%					
	Submit workshop drawings for steelworks of Noise Barriers and Covered Walkway for approval					ES								EF			100	/0																Holidave	Tollidays			/					
10	Fabrication of NB and CW									П									and and							eng kuju	135 (M. Far 2) (	10	0%	à	$\top$			Vear		$\sqcap$			П				1
	Site installation of NB (include steel posts and panels)																										i Kalikatin	2502			one En			Innar New		10	50%						1
	WO No. CB128519-0																			П													$\top$				$\top$		Ħ	$\top$		$\Box$	7
12	Site installation of Covered Walkway																										-									10	0%	0	П			П	
13	Electrical Installation																										1				-	F											$\exists$
14	Allow for Works by Bus Companies																					£										H				320000000000000000000000000000000000000		100	%				
15	Drainage Works													Ш																					(B)333			加速表面	10	0/			
16	Footpath Construction																																								100	1/2	7
17	Cycle Track Modification nr Tai Hang																			Ш																			ariolik s	inclusion.	l.	00%	
18	Road surfacing										$\perp$			Ц		$\coprod$																								1000			1
19	Allow for UU laying ducts	$\coprod$												Ц																					1000			loc	%				
20	Allow for fixing street furnitures by C3/LT																																						Ħ	F		1	

1000				22 6	0 02	0040	
Cycl	a t	me	tor	ctano	Orc	section	
CYUI	L	HILL	101	Stanu	auu	SCCHOIL	

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 c	lays

## Breakdown of Item 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 d	10 days	

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					In	plementa	tion Statu	S				
			Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19
Air Quality during Construction	Restricting heights from which materials are dropped, as far as practicable to minimize the fugitive dust arising from unloading/loading.	During construction	V	٧	V	V	V	V	V	\ \	V	V	V	V
	All stockpiles of excavated materials or spoil of more than 50m <sup>3</sup> shall be enclosed, covered or dampened during dry or windy conditions.		@	@	@	@	@	@	@	@	@	@	@	@
	Effective water sprays shall be used to control potential dust emission sources such as unpaved haul roads and active construction areas.		@	@	@	@	V	V	V	@	V	V	@	@
	All spraying of materials and surfaces shall avoid excessive water usage.		V	V	V	V	V	V	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	V	V	V	V	V	V
	Materials shall be dampened, if necessary, before transportation.		V	V	V	V	V	V	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	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	V	V	V	V	V	V

Noise - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing					Im	plementa	tion Statu	IS				
•			Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19
Noise during Construction	Use of silenced plant or plant equipped with mufflers or dampers in substitute of ordinary plant.	During construction	V	V	V	V	V	V	V	V	V	V	V	V
	Reduce the number of equipment and their percentage on-time.		@	@	@	V	V	V	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*	V*	V*	V*	V*	V*	V*
	3 m high temporary noise barrier along the northern edge of Bridge 12 at ground level (Figure 2b of the Environmental Permit).		V	V	V	V*	V*	V*	V*	V*	V*	V*	V*	V*
	2 m high temporary noise barrier along the northern edge of Bridge 12 at bridge level (Figure 2b of the Environmental Permit).		V	V	V	V*	V*	V*	V*	V*	V*	V*	V*	V*
	2.5 m high temporary noise barrier along Tai Wo Service Road West (Figure 2c of the Environmental Permit).		V	V	V	V*	V*	V*	V*	V*	V*	V*	V*	V*
	3.5m and 7m high temporary noise barrier along Tai Wo Services Road West near Tai Hang (Figure 2c of the Environmental Permit).		V	V	V	V*	V*	V*	V*	V*	V*	V*	V*	V*
	7 m high temporary noise barrier along Tai Wo Service Road West near Tai Wo		@	@	@	V*	V*	V*	V*	V*	V*	V*	V*	V*
	Footbridge work area (Figure 2d of the Environmental Permit).													
	7 m high temporary noise barrier near Kiu Tau Footbridge work area (Figure 2d of the Environmental Permit).		V	V	V	V*	V*	V*	V*	V*	V*	V*	V*	V*
	2.5 m high temporary noise barrier near river diversion work area (Figure 2e of the		@	@	@	V*	V*	V*	V*	V*	V*	V*	V*	V*
	Environmental Permit).													
Noise during Operation	Noise Barrier built based on Figure <b>4a</b> – Layout of Noise Barrier of Environmental Permit.	Review of required noise	V*	V*	V*	V*	V*	V*	V*	V*	V*	V*	V*	V*
	Noise Barrier built based on Figure <b>4b</b> – Layout of Noise Barrier of Environmental Permit.	barrier layout	V*	V*	V*	V*	V*	V*	V*	V*	V*	V*	V*	V*
	Noise Barrier built based on Figure <b>4c</b> – Layout of Noise Barrier of Environmental Permit.	during the design stage	V*	V*	V*	V*	V*	V*	V*	V*	V*	V*	V*	V*
	Noise Barrier built based on Figure <b>4d</b> – Layout of Noise Barrier of Environmental Permit.		@	@	@	@	@	@	@	@	@	@	@	@
	Noise Barrier built based on Figure 4d (i) – Layout of Noise Barrier of Environmental Permit.		@	@	@	@	@	@	@	@	@	@	@	@
	Noise Barrier built based on Figure <b>4e</b> – Layout of Noise Barrier of Environmental Permit.		@	@	@	@	@	@	@	@	@	V*	V*	V*
	Noise Barrier built based on Figure <b>4e (i)</b> – Layout of Noise Barrier of Environmental Permit.		@	@	@	@	@	@	@	@	@	V*	V*	V*
		1		1										<u> </u>

Impact	Mitigation Measures	Timing Implementation Status												
_			Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19
Water quality during	Demolition and reconstruction of bridges	During construction	V	V	V	V	V	V	V	V	V	V	V	V
Construction	<ul> <li>Prevent off-site migration through use of sheet piles.</li> <li>Minimise duration of works as far as practical.</li> <li>All sewer and drainage connections should be sealed to prevent debris, soil, sand, etc, from entering public sewers/drains.</li> </ul>													
	- Site surface runoff should be settled to remove sand/silt before it is discharged into the existing storm drains.													
	Road Widening Works, Earthworks and Culvert Extension Works		@	@	@	@	@	@	@	@	@	@	V	V
	<ul> <li>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.</li> <li>Sand traps, oil interceptors and other pollution prevention installations should be provided, properly cleaned and maintained.</li> <li>Runoff from exposed working areas, unfinished slopes and from unlined temporary channels should be directed to stilling basins and/or silt traps before discharging to the drainage outfalls.</li> </ul>													
	<ul> <li>Regular inspections of stilling basins and/or silt traps is required to ensure that sediment is not conveyed into the existing drainage system.</li> <li>Open stockpiles should be covered with a tarpaulin cover.</li> </ul>													
	- During the wet season, any exposed top soils should be covered with a tarpaulin, shotcreted or hydroseeded.													
	<ul> <li>Sand and silt from wash-water from vehicle washing should be settled out before discharging into storm drains.</li> <li>Fuels should be stored in bunded areas such that spillage can be easily collected.</li> </ul>													

# Waste - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing Implementation Status												
			Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19
Waste Management	General Waste	During construction	V	V	@	@	V	@	@	@	@	@	@	@
during	- Transport of wastes off site as soon as possible.													
Construction	- 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.													
	Vegetation from site clearance		V	V	V	V	V	V	V	V	V	V	V	V
	- Segregation of materials to facilitate disposal.													
	- Mulching to reduce bulk and where possible review opportunities for the possible beneficial use within landscaping areas.													
	Demolition Wastes		V	V	V	V	V	V	V	V	V	V	V	V
	Segregation of materials to facilitate disposal.     Appropriate stockpile management.													
	Excavated Materials		V	V	V	V	V	V	V	V	V	V	V	V
	<ul> <li>Segregation of materials to facilitate disposal / reuse.</li> <li>Appropriate stockpile management.</li> <li>Re-use of excavated material on or off site (where possible).</li> <li>Special handling and disposal procedures in the event that contaminated materials are excavated.</li> </ul>													
	Construction Wastes		V	٧	V	V	V	@	@	V	V	@	@	V
	<ul> <li>Segregation of materials to facilitate recycling/reuse (within designated area in appropriate containers/stockpiles).</li> <li>Appropriate stockpile management.</li> </ul>													

<ul> <li>Planning to reduce over ordering and waste generation.</li> <li>Recycling and re-use of materials where possible (e.g. metal, wood from formwork)</li> <li>For material which cannot be re-used/recycled, collection should be carried out by an approved</li> </ul>												
waste contractor for landfill disposal.  Bentonite Slurries	#	#	#	#	#	#	#	#	#	#	#	#
<ul> <li>Bentonite slurries should be reused as far as possible.</li> <li>Disposal in accordance with Practice Note For Professional Persons ProPECC PN 1/94.</li> </ul>												
Chemical Wastes	@	@	@	V	@	@	@	V	V	V	V	V
<ul> <li>Storage within locked, covered and bunded area.</li> <li>The storage area shall not be located adjacent to sensitive receivers e.g. drains.</li> <li>Minimise waste production and recycle oils/solvents where possible.</li> <li>A spill response procedure shall be in place and absorption material available for minor spillages.</li> <li>Use appropriate and labelled containers.</li> <li>Educate site workers on site cleanliness/waste management procedures.</li> <li>If chemical wastes are to be generated, the contractor must register with EPD as a chemical waste producer.</li> <li>The chemical wastes shall be collected by a licensed chemical waste collector.</li> </ul>												
Municipal Wastes	V	V	V	V	V	V	V	V	V	V	V	@
<ul> <li>Waste shall be stored within a temporary refuse collection facility, in appropriate containers prior to collection and disposal.</li> <li>Regular, daily collections are required by an approved waste collector.</li> </ul>												

# Ecology - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing												
			Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19
	Accurate Delineation of Works Area		V	V	V	V	V	V	V	V	V	V	V	V
	<ul> <li>Boundaries of proposed works areas shall be clearly identified and separated from external areas by a physical barrier to prevent encroachment of adjacent habitats.</li> <li>Individual trees which fall within the works areas but which work plans do not require removal are to be retained and fenced off to maximize protection.</li> </ul>													
	Vegetation Clearance		V	V	V	V	V	V	V	V	V	V	V	V
	<ul> <li>No fires shall be lit within the works area for the purpose of burning cleared vegetation.</li> <li>The Contractor shall give consideration to mulching the cleared vegetation for recycling within the works area / adjacent land.</li> </ul>													
	Dust generation		@	@	@	@	@	@	@	@	@	@	@	V
	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.													
	Surface Run-off		@	@	V	@	@	@	@	@	@	@	V	V
	<ul> <li>In general, mitigation measures shall be in accordance with ProPECC PN1/94 on 'Construction Site Drainage'. Key measures include:</li> <li>Bund and cover stock piles to avoid run-off;</li> <li>Channel any run-off through a system of oil, grease and sediment / silt traps and reuse water on site where ever practical;</li> <li>All vehicle maintenance to be undertaken within a bunded area; and</li> <li>Maximise vegetation retention on-site to maximise absorption (minimise transport).</li> </ul>	Davi 4												

Landscape and Visual Impact - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing Implementation Status												
			Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19
Landscape and Visual	Preservation of Existing Vegetation	During construction	V	V	V	V	V	V	V	V	V	V	V	V
during Construction	<ul> <li>Trees identified for retention within the project limit would be protected during the works;</li> <li>The tree transplanting and planting works shall be implemented by approved Landscape Contractors.</li> </ul>													
	Temporary Works Areas		V	V	V	V	V	V	V	V	V	V	V	V
	<ul> <li>Where feasible the works areas would be screened using hoarding and existing vegetation would be retained where possible to reduce the landscape and visual impacts arising from the construction activity. The landscape of these works areas would be restored following the completion of the construction phase.</li> </ul>													
	Hoarding		V	V	V	V	V	V	V	V	V	V	V	V
	- A hoarding would be erected where practicable in the most visually sensitive locations to screen the temporary construction works from the local VSRs.													
	Top Soils		#	#	#	#	#	#	#	#	#	#	#	#
	<ul> <li>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.</li> </ul>													
	Protection of Important Landscape Features		#	#	#	#	#	#	#	#	#	#	#	#
	<ul> <li>Important features such as temples, Island House and kilns within the study area, although remote from the proposed works retained and adequately protected.</li> </ul>													

# 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	

<sup>\*</sup>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

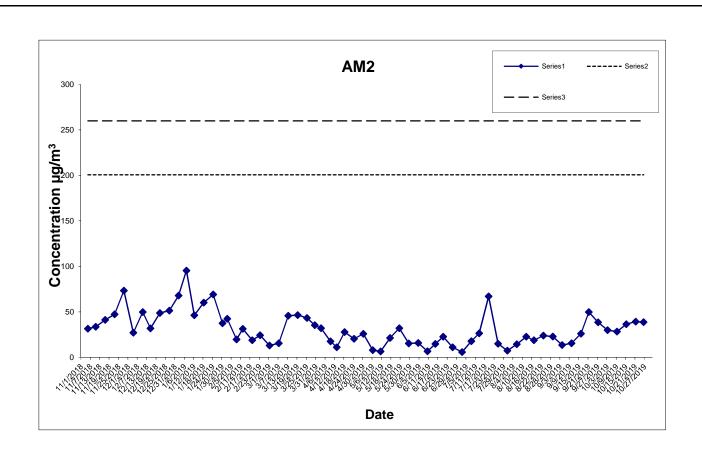
#### 24-hour TSP Monitoring Results at Station AM2 (Fanling Government Secondary School)

Delication   Computer   Air Amospheric   Pere Rate (m/ma)   Air (m/ma)   Fill	Date	Weather	Air	Atmospheric	Flow Pate	2 (m <sup>3</sup> /min )	Av. flow	Total vol.	Filtor V	/eight (g)	Particulate	Flance	a Time	Sampling	Conc.	Actino Level	Limit Level
Section   Sect	Date																_
10-Nov-18	5-Nov-18						, ,	. ,						- ( - /			
February   18																	
22-Mov-18 Ramy 20.4 10169 1,324 1,324 1,324 1,336 1,906.6 2,6552 2,7772 0,0600 11165.02 1116.02 24.00 47.2 200.7 262. 22-Mov-18 Many 20.3 1019 1,324 1																	
4-Dec-18   Summy   24.8   1916.0   1,324   1324   1324   1324   1956.6   2,6717   2,7231   0,0514   1113.002   1115.002   24.00   27.0   2007		Rainy		1019.9	1.324	1.324	1.324										
10-Dec    Cloudy   170   1919   1324   1324   1324   1906   2,6418   2,7588   0,0595   1116,02   11176,02   2,00   488   2,007   280   150   1		Rainy															
15-Dec 18																	
22-Des-18 Sumy 22.4 1016.1 3.324 1.324 1.324 1.324 1.324 1.324 1.326 2.665 2.7669 2.7669 0.0880 1125.02 1125.02 24.00 51.4 200.7 260 2.206 1.006 2.007																	
22-Dec 18 Surny 20.6 1016.6 1.324 1.324 1.324 1.324 1.324 1.326 2.6660 2.7649 0.0980 11250.02 11250.02 124.00 67.0 200.7 260 1.2660 1.2																	
2-Jan-19   Summy   14.8   1005.4   1324   1324   1324   1324   1324   1326   2650   2.7944   0.7246   1726.002   1127.402   24.00   95.3   200.7   260   12-Jan-19   Ramy   20.9   1018.3   1.324																	
7.Jan-19   Summy   18.5   1021.4   1324   13																	
12-Jan 19   Rainy   20																	
Feb-19   Summ   16.0   10006   1,324																	
24-Jan-19 Sunny 16:9 1020.6 1,324 1,324 1,324 1,906.6 2,6837 2,215.5 0,1318 11346.02 11370.02 24.00 69.1 200.7 280.  30-Jan-19 Fine 19.3 1020.8 1,324																	
E-Feb-19 Sunny 186 fills 1324 1324 1324 1324 1306 6 2.6956 2.7563 0.0808 11394.02 11418.02 24.00 42.4 200.7 260 18-Feb-19 Rainy 19.0 10242 1324 1324 1324 1324 1906.6 2.6956 2.7261 0.0859 11414.02 24.00 41.7 200.7 260 18-Feb-19 Rainy 19.0 10242 1324 1324 1324 1324 1324 1324 1324 1	24-Jan-19	Sunny	16.9	1020.6				1906.6	2.6837	2.8155	0.1318		11370.02	24.00	69.1	200.7	260
Peb-19   Sunny   217   1015.3   1,324   1,324   1,324   1,324   1,906.6   2,6855   2,7210   0,0375   11416.02   11442.02   24,00   19,7   200.7   250   127e-19   1016.4   1,324   1	30-Jan-19	Fine											11394.02				
12Feb-19																	
18-Feb-19   Cloudy   17.9   1015.4   13.24   13.24   13.24   13.24   13.26   13.24																	
22-Feb-19 Ramy 18:1 1015.8 1:324 1:324 1:324 1:324 1:324 1:324 1:324 2.7040 0.0481 11480.02 115180.2 24.00 12:9 200.7 260 1-Mar-19 Cloudy 17:9 1015.8 1:324																	
1-Mar-19 Sunny 20.8 1016.1 1.324 1.324 1.324 1.906.6 2.6794 2.7040 0.0246 11514.02 11538.02 24.00 15.9 200.7 260 1154.0196 1.016.8 1.324 1.324 1.324 1.324 1.906.6 2.6696 2.7667 0.0874 11562.02 11566.02 24.00 15.5 200.7 260 1154.0196 1.016.8 1.324																	
7-Mar-19 Cloudy 17.9 1015.8 13.24 13.24 13.24 13.04 13.05 13.05 2.6196 2																	
13-Mart 19 Cloudy 20.8 1017.8 1,324 1,324 1,324 1,906.6 2,6966 2,7667 0,0871 11562.02 11586.02 24.00 45.7 200.7 260 13-Mart 19 Cloudy 20.5 1016.8 1,324 1,324 1,324 1,906.6 2,6988 2,7814 0,0684 11566.02 11610.02 11634.02 24.00 43.3 200.7 260 25-Mart 19 Cloudy 20.5 1016.8 1,324 1,324 1,324 1,324 1,906.6 2,6988 2,7814 0,0663 11610.02 11634.02 24.00 43.3 200.7 260 3A-Apr 19 Sunny 22.8 1016.9 1,324 1,324 1,324 1,324 1,306.6 2,6988 2,7814 0,0663 11610.02 11634.02 24.00 35.3 200.7 260 3A-Apr 19 Sunny 22.8 1016.9 1,324 1,324 1,324 1,306.6 2,6888 2,7714 0,0631 11658.02 11662.02 24.00 35.3 200.7 260 3A-Apr 19 Sunny 22.8 1016.9 1,324 1,324 1,324 1,306.6 2,6888 2,7714 0,0631 11658.02 11662.02 24.00 32.0 200.7 260 13-Apr 19 Cloudy 21.8 1,324																	
19-Mart 19   Sunny   23.4   1014.8   1,324   1,324   1,324   1,324   1,906.6   2,6799   2,7683   0,0884   11586.02   1161.002   24.00   46.4   200.7   250   250   250   1016.8   1,324   1,324   1,324   1,906.6   2,6825   2,7498   0,0673   11634.02   11650.02   24.00   46.4   200.7   250   30-Mart 19   Rany   23.3   1016.9   1,324   1,324   1,324   1,906.6   2,6825   2,7498   0,0673   11634.02   11658.02   24.00   35.3   200.7   250   30-Mart 19   Sunny   28.6   1016.9   1,324   1,324   1,324   1,906.6   2,6825   2,7498   0,0673   11634.02   11658.02   24.00   35.3   200.7   250   30-Mart 19   Sunny   28.6   1011.1   1,324   1,324   1,324   1,906.6   2,6838   2,7174   0,0336   11682.02   11706.02   24.00   17.6   200.7   250   13-Apr 19   Cloudy   24.0   1014.3   1,324   1,324   1,324   1,906.6   2,6838   2,7174   0,0336   11682.02   11706.02   24.00   11.0   200.7   250   18-Apr 19   Cloudy   24.0   1010.0   1,324   1,324   1,324   1,906.6   2,6872   2,7200   0,0528   11730.02   11754.02   24.00   27.7   200.7   250   24-Apr 19   Sunny   28.0   1009.9   1,324   1,324   1,324   1,906.6   2,6872   2,7200   0,0528   11730.02   11754.02   24.00   27.7   200.7   250   24-Apr 19   Cloudy   24.0   1010.0   1,324   1,324   1,324   1,906.6   2,6872   2,7200   0,0528   11730.02   11754.02   24.00   27.7   200.7   250   24-Apr 19   Cloudy   25.7   1008.0   1,324   1,324   1,324   1,906.6   2,6874   2,7075   0,0491   11775.02   11802.02   24.00   27.7   200.7   250   24-Apr 19   Cloudy   25.8   1008.0   1,324   1,324   1,324   1,906.6   2,6884   2,7075   0,0491   11775.02   11802.02   24.00   27.8   200.7   250   23-Map 19   Cloudy   25.8   1008.0   1,324   1,324   1,324   1,906.6   2,6894   2,7681   0,0401   11775.02   11802.02   24.00   27.8   200.7   250   23-Map 19   Cloudy   25.8   1001.2   1,324																200.7	260
39-Mar-19 Rainy 23.3 1013.3 1,324 1,324 1,324 1,304 1,906.6 2,6825 2,7498 0,0673 11634.02 11658.02 24.00 35.3 200.7 260 3-Apr-19 Sunny 28.6 1016.9 1,324 1,324 1,324 1,324 1,906.6 2,6870 2,774 0,0336 1168.02 1176.02 24.00 17.6 200.7 260 3-Apr-19 Sunny 26.6 1011.1 1,324 1																	
3-Apr-19   Sunny   22.8   1016.9   13.24   13.24   13.24   1906.6   2.6710   2.7321   0.0611   11686.02   11682.02   24.00   32.0   200.7   260	25-Mar-19	Cloudy	20.5	1016.8	1.324	1.324	1.324	1906.6	2.6988	2.7814	0.0826	11610.02	11634.02	24.00	43.3	200.7	260
9-Apri-19   Sunny   26.6		Rainy															
13-Apr-19																	
18-April   Cloudy   24.0   1010.0   13.24   1.324																	
24-Apri-19 Sunny 28.0 1009.9 1.324 1.324 1.934 1.906.6 2.6885 2.7272 0.0387 11754.02 1180.02 24.00 20.3 200.7 260 6.449.19 Cloudy 21.8 1008.7 1.324 1.324 1.906.6 2.6884 2.7075 0.0491 11778.02 1180.02 24.00 7.9 200.7 260 6.449.19 Cloudy 21.8 1008.7 1.324 1.324 1.906.6 2.6757 2.6908 0.0151 1180.02 11826.02 24.00 7.9 200.7 260 17.449.19 Cloudy 21.8 1.324 1.324 1.324 1.906.6 2.7075 0.0491 1.006.2 11826.02 24.00 7.9 200.7 260 17.449.19 Cloudy 21.8 1.324 1.324 1.324 1.906.6 2.7059 1.006.2 1.006.																	
30-April 9 (Coudy) 26.7   1008.0   1.324   1.324   1.324   1.906.6   2.6584   2.7075   0.0491   11778.02   1180.02   24.00   25.8   200.7   260   26.0487																	
6-May-19   Cloudy   21.8   1008.7   1.324									2.6584								
11-May-19   Cloudy   25.3   1011.5   1.324   1.324   1.324   1.396.6   2.7950   2.7172   0.0122   11826.02   1185.002   24.00   6.4   200.7   260   223-May-19   Fine   25.9   1010.2   1.324   1.324   1.324   1.324   1.96.6   2.6916   2.7525   0.0609   11874.02   24.00   21.3   200.7   260   229-May-19   Sunny   24.7   100.99   1.324   1.324   1.324   1.324   1.326   2.7950   0.0609   11874.02   11898.02   11922.02   24.00   1.31   200.7   260   229-May-19   Sunny   24.7   100.99   1.324																	
17-May-19   Sunny   29.6   1005.5   1.324   1.324   1.324   1.96.6   2.6954   2.7361   0.0407   1185.002   1187.402   24.00   21.3   200.7   260   23-May-19   Fine   25.9   1010.2   1.324   1.324   1.324   1.324   1.96.6   2.6961   2.7253   0.0609   1187.402   1189.602   24.00   31.9   200.7   260   23-May-19   Sunny   24.7   1009.9   1.324   1.324   1.324   1.96.6   2.6961   2.7253   0.0609   11898.00   1192.002   24.00   15.3   200.7   260   24.00-19   Rainy   28.0   1008.6   1.324   1.324   1.324   1.906.6   2.6961   2.7253   0.0292   11898.00   1192.002   24.00   15.8   200.7   260   15.4   1.32								1906.6									
29-May-19				1005.5							0.0407			24.00	21.3		
4-Jun-19   Rainy   28.0   1008.6   1.324   1.324   1.324   1.906.6   2.6792   2.7094   0.0302   1192.02   11946.02   24.00   15.8   200.7   260																	
10-Jun-19   Rainy   29.5   1003.5   1.324   1.324   1.324   1.324   1.906.6   2.6997   2.7032   0.0125   11946.02   11970.02   24.00   6.6   200.7   260   20-Jun-19   Rainy   30.1   1006.9   1.324   1.324   1.324   1.906.6   2.6822   2.7102   0.0280   11970.02   11994.02   24.00   14.7   200.7   260   20-Jun-19   Rainy   30.1   1006.9   1.324   1.324   1.324   1.906.6   2.6780   2.7211   0.0431   11994.02   12018.02   24.00   22.6   200.7   260   20-Jun-19   Rainy   28.9   1001.4   1.324   1.324   1.324   1.906.6   2.6573   2.6785   0.0212   12018.02   12042.02   24.00   11.1   200.7   260   20-Jun-19   Rainy   28.9   1001.4   1.324   1.324   1.324   1.906.6   2.6800   2.7010   0.0110   12042.02   12066.02   24.00   11.1   200.7   260   20-Jun-19   Rainy   30.1   1005.6   1.324   1.324   1.324   1.906.6   2.7079   2.7416   0.0337   12066.02   12090.02   24.00   17.7   200.7   260   20-Jun-19   Rainy   30.1   1005.4   1.324   1.324   1.324   1.906.6   2.7079   2.7416   0.0337   12066.02   12090.02   24.00   17.7   200.7   260   19-Jun-19   Cloudy   29.5   1001.2   1.324   1.324   1.324   1.906.6   2.7017   2.8292   0.1275   12114.02   12138.02   24.00   66.9   200.7   260   19-Jun-19   Cloudy   29.5   1001.2   1.324   1.324   1.324   1.906.6   2.6855   2.7137   0.0282   12180.02   24.00   66.9   200.7   260   12-Jun-19   Cloudy   29.5   1001.2   1.324   1.324   1.324   1.906.6   2.6855   2.7137   0.0282   12180.02   24.00   66.9   200.7   260   25-Jun-19   Sunny   30.1   1008.0   1.324   1.324   1.324   1.906.6   2.6855   2.7137   0.0282   12180.02   24.00   14.8   200.7   260   25-Jun-19   Rainy   29.8   1002.7   1.324   1.324   1.906.6   2.6856   2.7091   2.7522   0.0432   12180.02   24.00   14.4   200.7   260   12-Aug-19   Rainy   30.8   1001.6   1.324   1.324   1.324   1.906.6   2.6836   2.7211   0.0275   12186.02   12186.02   24.00   14.4   200.7   260   12-Aug-19   Rainy   29.0   1005.6   1.324   1.324   1.324   1.906.6   2.6836   2.7291   0.0435   12234.02   12234.02   24.00   22.8   20.0 7   260   12-A																	
15-Jun-19   Rainy   28.6   1005.3   1.324   1.324   1.324   1906.6   2.6822   2.7102   0.0280   11970.02   11994.02   24.00   14.7   200.7   260   20-Jun-19   Fine   28.6   1004.0   1.324   1.324   1.324   1906.6   2.6878   2.7211   0.0431   11994.02   12018.02   24.00   22.6   200.7   260   26-Jun-19   Fine   28.6   1004.0   1.324   1.324   1.324   1906.6   2.6878   2.7211   0.0431   11994.02   12042.02   24.00   11.1   200.7   260   2-Jun-19   Fine   28.6   1004.0   1.324   1.324   1.324   1906.6   2.6873   2.6785   0.0212   12018.02   12042.02   24.00   11.1   200.7   260   2-Jun-19   Rainy   28.9   1001.4   1.324   1.324   1.324   1906.6   2.6800   2.7010   0.0110   12042.02   12066.02   24.00   5.8   200.7   260   13-Jun-19   Rainy   30.1   1005.6   1.324   1.324   1.324   1906.6   2.6751   2.7253   0.0502   12090.02   12114.02   24.00   26.3   200.7   260   13-Jun-19   Sunny   30.1   1005.4   1.324   1.324   1.324   1906.6   2.6751   2.7253   0.0502   12090.02   12114.02   24.00   26.3   200.7   260   19-Jun-19   Sunny   30.1   1008.0   1.324   1.324   1.324   1906.6   2.6855   2.7137   0.0282   12138.02   12162.02   24.00   66.9   200.7   260   13-Jun-19   Rainy   26.2   1002.0   1.324   1.324   1.324   1906.6   2.6855   2.7137   0.0282   12138.02   12162.02   24.00   14.8   200.7   260   13-Jun-19   Rainy   26.2   1002.0   1.324   1.324   1.324   1906.6   2.6855   2.7137   0.0282   12138.02   12162.02   24.00   14.8   200.7   260   12-Jun-19   Rainy   26.2   1002.0   1.324   1.324   1.324   1906.6   2.6836   2.6777   0.0141   12162.02   12186.02   24.00   14.8   200.7   260   12-Jun-19   Rainy   30.8   1001.6   1.324   1.324   1.324   1906.6   2.6836   2.7211   0.0275   12186.02   24.00   24.00   24.00   24.00   24.00   22.7   200.7   260   12-Jun-19   Rainy   30.8   1001.6   1.324   1.324   1.324   1906.6   2.6867   2.7223   0.0432   12210.02   12210.02   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.00   24.																	
20-Jun-19 Rainy 30.1 1006.9 1.324 1.324 1.324 1.906.6 2.6780 2.7211 0.0431 11994.02 12018.02 24.00 22.6 200.7 260 26.Jun-19 Fine 28.6 1004.0 1.324 1.324 1.324 1.324 1.906.6 2.6573 2.6785 0.0212 12018.02 12042.02 24.00 11.1 200.7 260 2.Jun-19 Rainy 28.9 1001.4 1.324 1.324 1.324 1.906.6 2.6573 2.6785 0.0212 12018.02 12066.02 24.00 5.8 200.7 260 8.Jun-19 Cloudy 30.1 1005.6 1.324 1.324 1.324 1.906.6 2.6709 2.7416 0.0337 12066.02 12090.02 24.00 17.7 200.7 260 19.Jun-19 Rainy 30.1 1005.4 1.324 1.324 1.324 1.906.6 2.6751 2.7253 0.0502 12090.02 12114.02 24.00 26.3 200.7 260 19.Jun-19 Cloudy 29.5 1001.2 1.324 1.324 1.324 1.906.6 2.6751 2.7253 0.0502 12090.02 12114.02 24.00 26.3 200.7 260 19.Jun-19 Cloudy 29.5 1001.2 1.324 1.324 1.324 1.906.6 2.6751 2.7253 0.0502 12090.02 12114.02 24.00 66.9 200.7 260 19.Jun-19 Cloudy 29.5 1001.2 1.324 1.324 1.324 1.906.6 2.6855 2.7137 0.0282 1.2180.2 24.00 66.9 200.7 260 31.Jun-19 Rainy 26.2 1002.0 1.324 1.324 1.324 1.906.6 2.6855 2.7137 0.0282 1.2180.2 1.2180.2 24.00 66.9 200.7 260 31.Jun-19 Rainy 26.2 1002.0 1.324 1.324 1.324 1.906.6 2.6856 2.6777 0.0141 1.2162.02 1.2186.02 24.00 7.4 200.7 260 6.40.9 19.Jun-19 Rainy 30.8 1001.6 1.324 1.324 1.324 1.906.6 2.6936 2.771 0.0275 1.2186.02 1.2180.02 24.00 14.4 200.7 260 17.Aug-19 Rainy 30.8 1001.6 1.324 1.324 1.324 1.906.6 2.6936 2.791 0.0275 1.2186.02 1.2180.02 24.00 14.4 200.7 260 17.Aug-19 Rainy 30.8 1001.6 1.324 1.324 1.324 1.906.6 2.6936 2.791 0.0275 1.2186.02 1.2280.0 1.44 2.00.7 260 17.Aug-19 Rainy 28.0 1005.6 1.324 1.324 1.324 1.906.6 2.6936 2.791 0.0275 1.2186.02 1.2280.0 1.2280.0 1.2280.0 1.005.6 1.324 1.324 1.324 1.906.6 2.6936 2.791 0.0275 1.2186.02 1.2280.0																	
26-Jun-19 Fine 28.6 1004.0 1.324 1.324 1.324 1.906.6 2.6573 2.6785 0.0212 12018.02 12042.02 24.00 11.1 200.7 260 2-Jul-19 Rainy 28.9 1001.4 1.324 1.324 1.324 1.906.6 2.6900 2.7010 0.0110 12042.02 12066.02 12090.02 24.00 17.7 200.7 260 13-Jul-19 Cloudy 30.1 1005.6 1.324 1.324 1.324 1.906.6 2.7079 2.7416 0.0337 12066.02 12090.02 24.00 17.7 200.7 260 13-Jul-19 Rainy 30.1 1005.4 1.324 1.324 1.924 1.906.6 2.7079 2.7416 0.0337 12066.02 12090.02 24.00 17.7 200.7 260 13-Jul-19 Cloudy 29.5 1001.2 1.324 1.324 1.906.6 2.7017 2.8292 0.1275 12114.02 12138.02 24.00 26.3 200.7 260 25-Jul-19 Sunny 30.1 1008.0 1.324 1.324 1.324 1.906.6 2.6751 2.7253 0.0502 12090.02 12114.02 1240.0 66.9 200.7 260 25-Jul-19 Sunny 30.1 1008.0 1.324 1.324 1.324 1.906.6 2.6855 2.7137 0.0282 12138.02 12162.02 24.00 14.8 200.7 260 25-Jul-19 Sunny 26.2 1002.0 1.324 1.324 1.324 1.906.6 2.6636 2.6777 0.0141 12162.02 12186.02 124.00 14.8 200.7 260 25-Jul-19 Sunny 29.8 1002.7 1.324 1.324 1.324 1.906.6 2.6636 2.6777 0.0141 12162.02 12186.02 24.00 14.8 200.7 260 25-Jul-19 Sunny 29.8 1002.7 1.324 1.324 1.324 1.906.6 2.6636 2.709.0 2.7522 0.0432 1210.02 24.00 14.4 200.7 260 12-Aug-19 Rainy 29.8 1002.7 1.324 1.324 1.324 1.906.6 2.6936 2.7211 0.0275 12186.02 12210.02 24.00 14.4 200.7 260 12-Aug-19 Rainy 29.4 1005.6 1.324 1.324 1.324 1.906.6 2.6938 2.7090 2.7522 0.0432 12210.02 1223.0 24.00 14.4 200.7 260 12-Aug-19 Rainy 29.4 1005.6 1.324 1.324 1.324 1.906.6 2.6938 2.7223 0.0436 12234.02 12250.0 24.00 12.38 200.7 260 12-Aug-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1.906.6 2.6938 2.7223 0.0436 12234.02 12250.0 24.00 12.8 200.7 260 12-Aug-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1.906.6 2.6938 2.7223 0.0436 12234.02 12250.0 24.00 12.8 200.7 260 10-Sep-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1.906.6 2.6867 2.7223 0.0434 12282.02 12306.0 24.00 13.5 200.7 260 10-Sep-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1.906.6 2.6789 2.7223 0.0436 12234.02 12250.0 24.00 13.5 200.7 260 10-Sep-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1.906.6 2.6789 2.7244 0.0586 12234.02 1236.02 24.00 15.4 2																	
2-Jul-19 Rainy 28.9 1001.4 1.324 1.324 1.324 1.906.6 2.6900 2.7010 0.0110 12042.02 12066.02 24.00 5.8 200.7 260 8-Jul-19 Cloudy 30.1 1005.6 1.324 1.324 1.324 1.906.6 2.7079 2.7416 0.0337 12066.02 12090.02 24.00 17.7 200.7 260 13-Jul-19 Rainy 30.1 1005.4 1.324 1.324 1.906.6 2.6751 2.7253 0.0502 12090.02 12114.02 24.00 26.3 200.7 260 19-Jul-19 Cloudy 29.5 1001.2 1.324 1.324 1.906.6 2.7017 2.8292 0.1275 12114.02 12138.02 24.00 66.9 200.7 260 25-Jul-19 Sunny 30.1 1008.0 1.324 1.324 1.324 1906.6 2.6855 2.7137 0.0282 12138.02 12162.02 24.00 14.8 200.7 260 13-Jul-19 Rainy 26.2 1002.0 1.324 1.324 1.324 1.906.6 2.6856 2.6777 0.0141 12162.02 12186.02 24.00 7.4 200.7 260 12-Aug-19 Sunny 30.8 1001.6 1.324 1.324 1.324 1906.6 2.6836 2.6777 0.0141 12162.02 12186.02 24.00 7.4 200.7 260 12-Aug-19 Rainy 30.8 1001.6 1.324 1.324 1.324 1906.6 2.6836 2.6777 0.0141 12162.02 12186.02 24.00 14.4 200.7 260 12-Aug-19 Rainy 28.0 1001.6 1.324 1.324 1.324 1906.6 2.6836 2.6777 0.0141 12162.02 12186.02 24.00 14.4 200.7 260 12-Aug-19 Rainy 28.0 1005.6 1.324 1.324 1.324 1906.6 2.6867 2.723 0.0356 12234.02 12210.02 24.00 14.4 200.7 260 12-Aug-19 Rainy 28.0 1005.6 1.324 1.324 1.324 1906.6 2.6867 2.7223 0.0356 12234.02 12234.02 24.00 18.7 200.7 260 12-Aug-19 Rainy 29.0 1005.6 1.324 1.324 1.324 1906.6 2.6867 2.7223 0.0356 12234.02 12236.02 24.00 18.7 200.7 260 12-Aug-19 Rainy 29.4 1006.7 1.324 1.324 1.324 1906.6 2.6867 2.7223 0.0356 12234.02 12256.02 24.00 18.7 200.7 260 12-Aug-19 Rainy 29.4 1006.7 1.324 1.324 1.324 1906.6 2.6867 2.7223 0.0356 12234.02 12236.02 24.00 13.5 200.7 260 12-Aug-19 Rainy 29.0 1005.6 1.324 1.324 1.324 1.906.6 2.6898 2.7391 0.0463 12286.02 12330.02 24.00 13.5 200.7 260 12-Aug-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1.906.6 2.6789 2.7223 0.0434 12280.02 12380.02 24.00 13.5 200.7 260 12-Aug-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1.906.6 2.6789 2.7223 0.0434 12280.02 12380.02 24.00 13.5 200.7 260 10-Sep-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1.906.6 2.6789 2.7235 0.0434 12280.02 12380.02 24.00 13.5 200.7 260 10-Sep-19 Sunny 29.																	
8-Jul-19   Cloudy   30.1   1005.6   1.324   1.324   1.324   1.906.6   2.7079   2.7416   0.0337   12066.02   12090.02   24.00   17.7   200.7   260   13.Jul-19   Rainy   30.1   1005.4   1.324   1.324   1.324   1.906.6   2.6751   2.7253   0.0502   12090.02   12114.02   24.00   26.3   200.7   260   19.Jul-19   Cloudy   29.5   1001.2   1.324   1.324   1.324   1.906.6   2.7017   2.8292   0.1275   12114.02   12138.02   24.00   66.9   200.7   260   25.Jul-19   Sunny   30.1   1008.0   1.324   1.324   1.324   1.906.6   2.6855   2.7137   0.0282   12138.02   12162.02   24.00   14.8   200.7   260   25.Jul-19   Rainy   26.2   1002.0   1.324   1.324   1.324   1.906.6   2.6855   2.7137   0.0282   12138.02   12162.02   24.00   14.8   200.7   260   26.Aug-19   Sunny   29.8   1002.7   1.324   1.324   1.324   1.906.6   2.6936   2.7211   0.0275   12186.02   1210.02   24.00   14.4   200.7   260   22.Aug-19   Rainy   28.0   1001.6   1.324   1.324   1.324   1.906.6   2.6936   2.7211   0.0275   12186.02   12210.02   24.00   14.4   200.7   260   12.Aug-19   Rainy   28.0   1005.6   1.324   1.324   1.324   1.906.6   2.6936   2.7211   0.0275   12186.02   12210.02   24.00   14.4   200.7   260   12.Aug-19   Rainy   28.0   1005.6   1.324   1.324   1.324   1.906.6   2.6936   2.7223   0.0432   12210.02   12234.02   24.00   22.7   200.7   260   23.Aug-19   Rainy   29.4   1.066.7   1.324   1.324   1.324   1.906.6   2.6936   2.7391   0.0453   12258.02   12400   23.8   200.7   260   23.Aug-19   Sunny   29.0   1005.6   1.324   1.324   1.324   1.906.6   2.6938   2.7391   0.0453   12258.02   1228.02   24.00   23.8   200.7   260   23.Aug-19   Sunny   29.0   1005.6   1.324   1.324   1.324   1.906.6   2.6938   2.7391   0.0453   12258.02   1228.02   24.00   23.8   200.7   260   23.Aug-19   Sunny   29.0   1005.6   1.324   1.324   1.324   1.906.6   2.6789   2.7223   0.0434   1.225.02   12360.02   24.00   23.8   200.7   260   23.Aug-19   Sunny   29.0   1005.6   1.324   1.324   1.324   1.324   1.906.6   2.6789   2.7223   0.0434   1.225.02   1.2360.02   24.00																	
13-Jul-19																	
19-Jul-19   Cloudy   29.5   1001.2   1.324   1.324   1.324   1.324   1.906.6   2.7017   2.8292   0.1275   12114.02   12138.02   24.00   66.9   200.7   260   25-Jul-19   Sunny   30.1   1008.0   1.324   1.324   1.324   1.906.6   2.6855   2.7137   0.0282   12138.02   12162.02   24.00   14.8   200.7   260   26.9   26.2   26.2   26.9   26.2   26.9   26.2   26.2   26.9   26.2   26.											0.0502						
31-Jul-19 Rainy 26.2 1002.0 1.324 1.324 1.324 1906.6 2.6636 2.6777 0.0141 12162.02 12186.02 24.00 7.4 200.7 260 6-Aug-19 Sunny 29.8 1002.7 1.324 1.324 1.324 1906.6 2.6936 2.7211 0.0275 12186.02 12210.02 24.00 14.4 200.7 260 12-Aug-19 Rainy 30.8 1001.6 1.324 1.324 1.324 1906.6 2.6936 2.7211 0.0275 12186.02 12210.02 24.00 14.4 200.7 260 12-Aug-19 Rainy 30.8 1001.6 1.324 1.324 1.324 1906.6 2.6867 2.7223 0.0356 12234.02 1220.00 12.7 200.7 260 17-Aug-19 Rainy 28.0 1005.6 1.324 1.324 1.324 1906.6 2.6867 2.7223 0.0356 12234.02 12258.02 24.00 18.7 200.7 260 17-Aug-19 Rainy 29.4 1006.7 1.324 1.324 1.324 1906.6 2.6867 2.7223 0.0356 12234.02 12282.02 24.00 23.8 200.7 260 17-Aug-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1906.6 2.6868 2.7391 0.0453 12258.02 12306.02 24.00 23.8 200.7 260 14.5	19-Jul-19		29.5	1001.2	1.324	1.324	1.324	1906.6	2.7017	2.8292	0.1275		12138.02		66.9		
6-Aug-19 Sunny 29.8 1002.7 1.324 1.324 1.324 1.906.6 2.6936 2.7211 0.0275 12186.02 12210.02 24.00 14.4 200.7 260 12-Aug-19 Rainy 30.8 1001.6 1.324 1.324 1.324 1906.6 2.6960 2.7522 0.0432 12210.02 12234.02 24.00 12.7 200.7 260 12-Aug-19 Rainy 28.0 1005.6 1.324 1.324 1.324 1906.6 2.6867 2.7223 0.0356 12234.02 12256.02 24.00 18.7 200.7 260 23-Aug-19 Rainy 29.4 1006.7 1.324 1.324 1.324 1906.6 2.6838 2.7391 0.0453 12258.02 1228.02 24.00 18.7 200.7 260 29-Aug-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1906.6 2.6838 2.7391 0.0453 12258.02 1228.02 24.00 23.8 200.7 260 129-Aug-19 Cloudy 26.8 1004.0 1.324 1.324 1.324 1906.6 2.68846 2.7104 0.0258 12306.02 12330.02 24.00 13.5 200.7 260 10-Sep-19 Sunny 30.1 1008.9 1.324 1.324 1.324 1906.6 2.6846 2.7104 0.0258 12306.02 12330.02 24.00 13.5 200.7 260 10-Sep-19 Sunny 29.3 1007.7 1.324 1.324 1.324 1906.6 2.7104 0.0258 12306.02 12330.02 24.00 15.4 200.7 260 10-Sep-19 Sunny 29.3 1007.7 1.324 1.324 1.324 1906.6 2.7104 0.0258 12306.02 12354.02 24.00 15.4 200.7 260 10-Sep-19 Sunny 29.3 1007.7 1.324 1.324 1.324 1906.6 2.7106 2.7602 0.0496 12354.02 12378.02 24.00 49.8 200.7 260 12-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.7106 2.7602 0.0496 12354.02 12378.02 24.00 49.8 200.7 260 12-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.7106 2.7602 0.0496 12354.02 1240.0 24.00 49.8 200.7 260 12-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.7106 2.7602 0.0496 12354.02 1240.0 24.00 49.8 200.7 260 12-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.7191 2.7924 0.0733 12402.02 1240.0 49.8 200.7 260 12-Sep-19 Sunny 29.0 1012.1 1.324 1.324 1.324 1906.6 2.6704 2.7385 0.0570 12486.02 12510.02 24.00 28.9 200.7 260 13-0219 Sunny 27.6 1016.6 1.324 1.324 1.324 1906.6 2.6704 2.7385 0.0570 12486.02 12510.02 24.00 28.9 200.7 260 13-0219 Sunny 27.6 1016.6 1.324 1.324 1.324 1906.6 2.6704 2.7385 0.0570 12486.02 12510.02 24.00 28.9 200.7 260 15-0219 Sunny 27.6 1014.7 1.324 1.324 1.324 1906.6 2.6704 2.7385 0.0570 12486.02 12510.02 24.00 28.9 200.7 260 15-0219 Sunny 26.0 1019.0 1.324 1.324 1.324											0.0282						
12-Aug-19 Rainy 30.8 1001.6 1.324 1.324 1.324 1906.6 2.7090 2.7522 0.0432 12210.02 12234.02 24.00 22.7 200.7 260 17-Aug-19 Rainy 28.0 1005.6 1.324 1.324 1.324 1906.6 2.6937 2.7223 0.0356 12234.02 12250.2 24.00 18.7 200.7 260 23-Aug-19 Rainy 29.4 1006.7 1.324 1.324 1.324 1906.6 2.6938 2.7391 0.0453 12258.02 12282.02 24.00 23.8 200.7 260 29-Aug-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1906.6 2.6938 2.7223 0.0434 12282.02 12306.02 24.00 22.8 200.7 260 10-Sep-19 Sunny 29.0 1005.6 1.324 1.324 1.324 1906.6 2.6848 2.7104 0.0258 12306.02 12330.02 24.00 13.5 200.7 260 10-Sep-19 Sunny 30.1 1008.9 1.324 1.324 1.324 1906.6 2.7107 2.7471 0.0294 12330.02 12354.02 24.00 15.4 200.7 260 16-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.7107 2.7471 0.0294 12330.02 12354.02 24.00 15.4 200.7 260 16-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.7106 2.7502 0.0496 12354.02 12378.02 24.00 15.4 200.7 260 16-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.7106 2.7502 0.0496 12354.02 12378.02 12400 26.0 200.7 260 16-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.7106 2.7502 0.0496 12354.02 12378.02 12400 38.4 200.7 260 16-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.7106 2.7502 0.0496 12354.02 12378.02 12400 25.0 200.7 260 17-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.7106 2.7502 0.0496 12354.02 12400 38.4 200.7 260 17-Sep-19 Sunny 27.6 1016.6 1.324 1.324 1.324 1906.6 2.7191 2.7924 0.0733 12402.02 12400 38.4 200.7 260 17-Sep-19 Sunny 27.6 1016.6 1.324 1.324 1.324 1906.6 2.6815 2.7385 0.0570 12486.02 12554.02 24.00 28.9 200.7 260 15-Oct-19 Sunny 27.8 1014.7 1.324 1.324 1.324 1906.6 2.6704 2.7244 0.0540 12510.02 12558.02 24.00 28.9 200.7 260 15-Oct-19 Sunny 26.0 1019.0 1.324 1.324 1.324 1906.6 2.6704 2.7244 0.0540 12510.02 12558.02 24.00 28.9 200.7 260 15-Oct-19 Sunny 26.0 1019.0 1.324 1.324 1.324 1906.6 2.6704 2.7244 0.0540 12510.02 12558.02 24.00 36.4 200.7 260 15-Oct-19 Sunny 26.0 1019.0 1.324 1.324 1.324 1906.6 2.6704 2.7244 0.0540 12510.02 12558.02 24.00 38.7 200.7 260 15-Oct-19 Sunny 26.0 1019.0 1.3																	
17-Aug-19   Rainy   28.0   1005.6   1.324   1.324   1.324   1.324   1.906.6   2.6867   2.7223   0.0356   12234.02   12258.02   24.00   18.7   200.7   260																	
23-Aug-19         Rainy         29.4         1006.7         1.324         1.324         1.324         1906.6         2.6338         2.7391         0.0453         12258.02         124.00         23.8         200.7         260           29-Aug-19         Sunny         29.0         1005.6         1.324         1.324         1.324         1906.6         2.6789         2.7223         0.0434         12282.02         24.00         22.8         200.7         260           4-Sep-19         Cloudy         26.8         1004.0         1.324         1.324         1906.6         2.6846         2.7104         0.0258         12306.02         24.00         23.8         200.7         260           10-Sep-19         Sunny         30.1         1008.9         1.324         1.324         1906.6         2.7104         0.0258         12306.02         12330.02         24.00         13.5         200.7         260           16-Sep-19         Sunny         30.1         1008.9         1.324         1.324         1906.6         2.7106         2.7602         0.0496         12354.02         24.00         15.4         200.7         260           21-Sep-19         Sunny         29.2         1008.0         1.324																	
29-Aug-19         Sunny         29.0         1005.6         1.324         1.324         1.96.6         2.6789         2.7223         0.0434         12282.02         12306.02         24.00         22.8         200.7         260           4-Sep-19         Cloudy         26.8         1004.0         1.324         1.324         1.324         1.906.6         2.6846         2.7104         0.0258         12306.02         12306.02         24.00         15.4         200.7         260           10-Sep-19         Sunny         30.1         1008.9         1.324         1.324         1906.6         2.7117         2.74471         0.0294         12330.02         12354.02         24.00         15.4         200.7         260           16-Sep-19         Sunny         29.3         1007.7         1.324         1.324         1906.6         2.7606         2.7602         0.0496         12354.02         24.00         26.0         200.7         260           21-Sep-19         Sunny         29.2         1008.0         1.324         1.324         1906.6         2.7659         2.7602         0.0496         12354.02         24.00         26.0         200.7         260           21-Sep-19         Sunny         29.6																	
4-Sep-19   Cloudy   26.8   1004.0   1.324   1.324   1.324   1.324   1.906.6   2.6846   2.7104   0.0258   12306.02   12330.02   24.00   13.5   200.7   260   10-Sep-19   Sunny   30.1   1008.9   1.324   1.324   1.324   1.324   1.906.6   2.7177   2.7471   0.0294   12330.02   12354.02   24.00   15.4   200.7   260   16-Sep-19   Sunny   29.3   1007.7   1.324   1.324   1.324   1.324   1.906.6   2.7106   2.7602   0.0496   12354.02   12378.02   24.00   26.0   200.7   260   12-Sep-19   Sunny   29.2   1008.0   1.324   1.324   1.324   1.906.6   2.6591   2.7540   0.0949   12378.02   12402.02   24.00   49.8   200.7   260   12-Sep-19   Sunny   27.6   1016.6   1.324   1.324   1.324   1.906.6   2.6591   2.7540   0.0949   12378.02   12402.02   24.00   49.8   200.7   260   13-Oct-19   Sunny   29.0   1012.1   1.324   1.324   1.324   1.906.6   2.6815   2.7385   0.0570   12486.02   12510.02   24.00   29.9   200.7   260   15-Oct-19   Sunny   27.8   1014.7   1.324   1.324   1.324   1.906.6   2.6704   2.7244   0.0540   12510.02   12534.02   24.00   28.3   200.7   260   15-Oct-19   Sunny   26.0   1019.0   1.324   1.324   1.324   1.906.6   2.6704   2.7244   0.0540   12510.02   12534.02   24.00   28.3   200.7   260   15-Oct-19   Sunny   25.3   1014.0   1.324   1.324   1.324   1.906.6   2.6704   2.7244   0.0540   12510.02   12534.02   24.00   36.4   200.7   260   15-Oct-19   Sunny   25.3   1014.0   1.324   1.324   1.324   1.906.6   2.6704   2.7245   0.0694   12534.02   12580.02   24.00   36.4   200.7   260   15-Oct-19   Sunny   25.3   1014.0   1.324   1.324   1.324   1.906.6   2.6703   2.7437   0.0694   12536.02   1250.02   24.00   36.4   200.7   260   15-Oct-19   Sunny   25.3   1014.0   1.324   1.324   1.324   1.906.6   2.6704   2.7245   0.0694   12536.02   12606.02   24.00   36.4   200.7   260   15-Oct-19   Sunny   25.3   1014.0   1.324   1.324   1.324   1.906.6   2.6705   0.07074   12558.02   12606.02   24.00   36.4   200.7   260   15-Oct-19   Sunny   25.3   1014.0   1.324   1.324   1.324   1.906.6   2.6707   2.7015   0.0738   12582.02																	
10-Sep-19         Sunny         30.1         1008.9         1.324         1.324         1.324         1.906.6         2.7177         2.7471         0.0294         12330.02         12354.02         24.00         15.4         200.7         260           16-Sep-19         Sunny         29.3         1007.7         1.324         1.324         1.96.6         2.7106         2.7602         0.0496         12354.02         1240.0         26.0         200.7         260           21-Sep-19         Sunny         29.2         1008.0         1.324         1.324         1906.6         2.6591         2.7540         0.0949         12378.02         1240.0         49.8         200.7         260           27-Sep-19         Sunny         27.6         1016.6         1.324         1.324         1906.6         2.7191         2.7924         0.0733         12402.02         24.00         49.8         200.7         260           3-Oct-19         Sunny         29.0         1012.1         1.324         1.324         1906.6         2.6191         2.7385         0.0570         12486.02         22510.02         24.00         28.9         200.7         260           9-Oct-19         Sunny         27.8         1014.7																	
16-Sep-19         Sunny         29.3         1007.7         1.324         1.324         1.324         1906.6         2.7106         2.7602         0.0496         12354.02         12378.02         24.00         26.0         200.7         260           21-Sep-19         Sunny         29.2         1008.0         1.324         1.324         1906.6         2.6591         2.7540         0.0949         12378.02         12402.02         24.00         49.8         200.7         260           27-Sep-19         Sunny         27.6         1016.6         1.324         1.324         1906.6         2.7191         2.7924         0.0733         12402.02         12402.02         24.00         49.8         200.7         260           3-Oct-19         Sunny         29.0         1012.1         1.324         1.324         1.906.6         2.6815         2.7385         0.0570         12486.02         12510.02         24.00         29.9         200.7         260           9-Oct-19         Sunny         29.0         1012.1         1.324         1.324         1.906.6         2.6815         2.7385         0.0570         12486.02         12510.02         24.00         29.9         200.7         260           9-Oct-19 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																	
21-Sep-19 Sunny 29.2 1008.0 1.324 1.324 1.324 1906.6 2.6591 2.7540 0.0949 12378.02 12402.02 24.00 49.8 200.7 260 27-Sep-19 Sunny 27.6 1016.6 1.324 1.324 1.324 1906.6 2.7191 2.7924 0.0733 12402.02 12402.02 24.00 38.4 200.7 260 38.0 200.7 260 200.0 260 200.0 260 200.0 260 200.0 260 200.0 260 200.0 260 200.0 260 200.0 260 200.0 260 200.0 260 200.0 260 200.0 260 200.0 260 260 260 260 260 260 260 260 260 26		Sunny	29.3	1007.7							0.0496			24.00		200.7	
3-Oct-19 Sunny 29.0 1012.1 1.324 1.324 1.324 1.906.6 2.6815 2.7385 0.0570 12486.02 12510.02 24.00 29.9 200.7 260 9-Oct-19 Sunny 27.8 1014.7 1.324 1.324 1.324 1906.6 2.6704 2.7244 0.0540 12510.02 12534.02 24.00 28.3 200.7 260 15-Oct-19 Sunny 26.0 1019.0 1.324 1.324 1.324 1.906.6 2.6743 2.7437 0.0694 12534.02 12558.02 24.00 36.4 200.7 260 21-Oct-19 Sunny 25.3 1014.0 1.324 1.324 1.324 1906.6 2.6304 2.7051 0.0747 12558.02 12582.02 24.00 39.2 200.7 260 26-Oct-19 Cloudy 25.9 1017.0 1.324 1.324 1.324 1.906.6 2.6277 2.7015 0.0738 12582.02 12606.02 24.00 38.7 200.7 260	21-Sep-19																
9-Oct-19 Sunny 27.8 1014.7 1.324 1.324 1.324 1.906.6 2.6704 2.7244 0.0540 12510.02 12534.02 24.00 28.3 200.7 260 15-Oct-19 Sunny 26.0 1019.0 1.324 1.324 1.324 1906.6 2.6743 2.7437 0.0694 12534.02 12558.02 24.00 36.4 200.7 260 12-Oct-19 Sunny 25.3 1014.0 1.324 1.324 1.324 1906.6 2.6304 2.7051 0.0747 12558.02 12582.02 24.00 36.4 200.7 260 12-Oct-19 Sunny 25.3 1014.0 1.324																	
15-Oct-19         Sunny         26.0         1019.0         1.324         1.324         1.324         1906.6         2.6743         2.7437         0.0694         12534.02         1258.02         24.00         36.4         200.7         260           21-Oct-19         Sunny         25.3         1014.0         1.324         1.324         1.324         1906.6         2.6304         2.7051         0.0747         12558.02         1258.02         24.00         39.2         200.7         260           26-Oct-19         Cloudy         25.9         1017.0         1.324         1.324         1.324         1906.6         2.6277         2.7015         0.0738         12582.02         12606.02         24.00         38.7         200.7         260																	
21-Oct-19         Sunny         25.3         1014.0         1.324         1.324         1.324         1906.6         2.6304         2.7051         0.0747         12558.02         1258.02         24.00         39.2         200.7         260           26-Oct-19         Cloudy         25.9         1017.0         1.324         1.324         1.324         1906.6         2.6277         2.7015         0.0738         12582.02         12606.02         24.00         38.7         200.7         260													12534.02				
26-Oct-19 Cloudy 25.9 1017.0 1.324 1.324 1.324 1906.6 2.6277 2.7015 0.0738 12582.02 12606.02 24.00 38.7 200.7 260																	
	20-001-19	Oloudy	20.0	1017.0	1.024	1.044	1.044	1300.0	2.0211					24.00		200.1	200

 Average for the reporting period (Nov 18 to Oct 19)
 31.1

 Minimum for the reporting period (Nov 18 to Oct 19)
 5.8

 Maximum for the reporting period (Nov 18 to Oct 19)
 95.3



This Drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsover, to any party that uses or relies on this drawing without AECOM's express written consent.

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

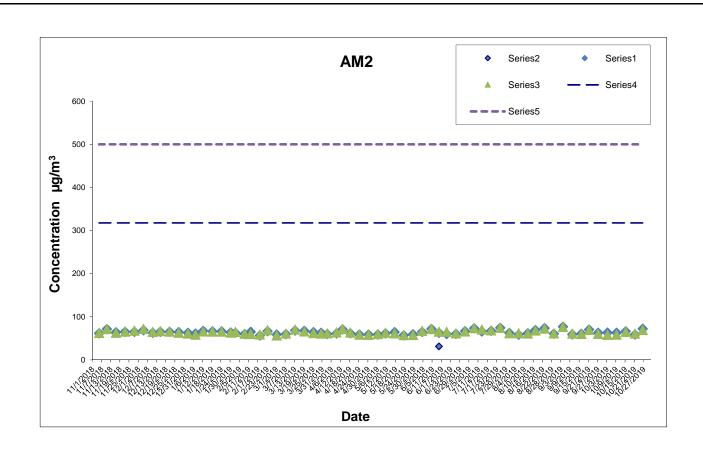


Graphical Presentation of Impact 24-hour TSP Monitoring Results

### **Impact Air Quality Monitoring Results**

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

	Start	1st Hour	2nd Hour	3rd Hour
	Time	Conc.	Conc.	Conc.
Date	(hh:mm)	(µg/m³)	(µg/m³)	(µg/m³)
5-Nov-18	10:15	58.9	61.7	62.5
10-Nov-18	13:12	70.9	71.5	71.2
16-Nov-18 22-Nov-18	10:15 10:50	66.1 66.5	64.0 64.9	62.8 65.6
28-Nov-18	9:35	67.2	64.9	67.8
4-Dec-18	10:30	70.2	68.8	71.7
10-Dec-18	10:15	61.1	62.8	64.6
15-Dec-18	10:35	65.6	64.9	66.7
21-Dec-18 27-Dec-18	9:30 14:05	65.2 66.5	64.9 64.3	65.5 62.9
2-Jan-19	10:00	59.6	62.7	61.1
7-Jan-19	13:00	63.6	60.2	58.4
12-Jan-19	10:15	67.6	67.2	65.7
18-Jan-19	12:30	65.8	66.2	65.6
24-Jan-19	12:20	65.7	66.3	65.6
30-Jan-19 2-Feb-19	9:55	62.5 62.2	63.5	63.3
8-Feb-19	14:35	58.5	62.9 59.7	64.6 60.6
12-Feb-19	13:05	62.9	65.1	59.9
18-Feb-19	9:45	56.2	56.5	58.6
23-Feb-19	10:10	67.8	66.4	68.6
1-Mar-19	13:30	56.2	58.7	56.4
7-Mar-19 13-Mar-19	15:00 11:20	58.6 68.1	59.7 67.9	61.1 70.1
19-Mar-19	14:30	69.6	67.4	65.8
25-Mar-19	13:05	66.6	64.2	62.1
30-Mar-19	10:25	62.0	62.7	61.0
3-Apr-19	10:05	58.2	59.7	61.3
9-Apr-19	10:05	62.3	61.3	63.5
13-Apr-19 18-Apr-19	13:15	71.3	70.8 61.9	71.9
24-Apr-19	9:30	59.9 57.2	58.6	63.3 58.3
30-Apr-19	13:00	58.2	58.6	57.9
6-May-19	13:00	58.1	58.8	59.7
11-May-19	13:05	58.6	61.3	62.7
17-May-19	14:05	63.6	64.2	61.5
23-May-19 29-May-19	9:00 14:05	58.4 58.5	56.9 59.4	57.4 57.8
4-Jun-19	10:45	62.7	65.2	66.8
10-Jun-19	13:15	71.1	71.8	71.3
15-Jun-19	14:05	31.3	62.9	65.5
20-Jun-19	11:05	62.5	59.7	65.0
26-Jun-19	13:30	58.9	60.3	61.2
2-Jul-19	9:55	67.2	66.5	65.9
8-Jul-19 13-Jul-19	10:05 10:15	72.9 66.7	73.3 65.8	73.7 70.4
19-Jul-19	13:30	69.6	67.2	68.4
25-Jul-19	13:20	73.7	74.2	74.5
31-Jul-19	9:50	64.1	62.5	61.7
6-Aug-19	10:00	60.1	58.4	61.6
12-Aug-19 17-Aug-19	13:10 10:10	62.8 71.3	61.7 69.0	60.9 67.9
23-Aug-19	13:09	71.3	73.6	72.4
29-Aug-19	13:35	62.1	60.7	61.2
4-Sep-19	13:05	76.5	76.8	76.1
10-Sep-19	13:15	60.2	59.2	60.9
16-Sep-19	10:12	61.2	60.5	60.2
21-Sep-19	10:35	67.5 61.1	70.2 62.7	69.6
27-Sep-19 3-Oct-19	13:15 9:30	61.1 62.1	63.1	60.2 58.1
9-Oct-19	13:00	61.1	62.8	58.5
15-Oct-19	13:45	62.0	66.0	65.0
21-Oct-19	10:15	60.3	58.7	61.1
26-Oct-19	10:20	70.7	72.2	69.3
		period (Nov 18		64.0
		period (Nov 18 period (Nov 1		31.3 76.8
iviaxilliuill 10f	me reporting	ו אפווסמ (נאטע ו	0 10 001 19)	10.0



This Drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsover, to any party that uses or relies on this drawing without AECOM's express written consent.

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



APPENDIX H
METEOROLOGICAL DATA FOR THE
REPORTING MONTH

#### Appendix F Meteorological Data

#### November 2018

November 2018 was much gloomier than usual. As the northeast monsoon affecting the south China coast was relatively weak and southerlies were dominated in the lower atmosphere, more water vapour was built up and the weather in Hong Kong was cloudier than usual. The mean amount of cloud in the month was 79 percent, 25 percent above the normal of 54 percent and the highest on record for November. As a result, the duration of bright sunshine in the month was only 123.9 hours, about 31 percent lower than the normal figure of 180.1 hours and the eighth lowest on record for November. Despite the gloomy weather, the month was warmer than usual. The mean temperature of 22.9 degrees and mean minimum temperature of 21.4 degrees were 1.1 degrees and 1.6 degrees above the respective normals and were respectively the ninth and fourth highest for November on record. November 2018 was also wetter than usual with the monthly rainfall of 73.4 millimetres, about 95 percent above the normal of 37.6 millimetres. The accumulated rainfall up to November this year was 2151.0 millimetres, a deficit of about 9 percent compared to the normal of 2371.7 millimetres for the same period.

#### December 2018

With the northeast monsoon over southern China weaker than normal for most of the time in the month, December 2018 was much warmer than usual in Hong Kong. The monthly mean temperature was 19.2 degrees, 1.3 degrees above the normal of 17.9 degrees and among the sixth highest on record for December. The mean minimum temperature was 17.6 degrees, 1.7 degrees above normal of 15.9 degrees and among the fourth highest on record for December. The month was also drier than usual with a total rainfall of 11.9 millimetres, only about 44 percent of the normal of 26.8 millimetres. The annual total rainfall of 2162.9 millimetres in 2018 was about 10 percent below the annual normal of 2398.5 millimetres.

#### January 2019

With relatively less cold air outbreaks from the north arriving at the south China coast in the month, January 2019 was much warmer than usual in Hong Kong. The monthly mean temperature of 18.1 degrees and monthly mean minimum temperature of 16.4 degrees were 1.8 degrees and 1.9 degrees above their corresponding normals and both were the third highest on record for January. The mean maximum temperature of 20.4 degrees was 1.8 degrees above the normal and the fifth highest on record for January. The month was also drier than usual with only 4.7 millimetres of rainfall recorded in the month, about one fifth of the normal of 24.7 millimetres for January.

#### February 2019

February 2019 was unseasonably warm in Hong Kong which was mainly attributed to weaker than normal northeast monsoon over the south China coast for most of the time in the month. The monthly mean temperature of 20.1 degrees, monthly mean minimum temperature of 18.4 degrees and monthly mean maximum temperature of 22.6 degrees were 3.3 degrees, 3.4 degrees and 3.7 degrees above their corresponding normals and all of them were the second highest on record for February. Together with the well above normal temperatures in December 2018 and January 2019, Hong Kong experienced the warmest winter on record from December 2018 to February 2019 with the winter mean temperature reaching 19.1 degrees, 2.1 degrees above the normal. Moreover, there were only 3 cold days this winter, the fewest on record. February 2019 was also wetter than usual. The monthly rainfall was 68.7 millimetres, about 26 percent above the normal of 54.4 millimetres in February. The accumulated rainfall recorded in the first two months of the year was 73.4 millimetres, a deficit of 7 percent compared to the normal of 78.9 millimetres for the same period.

AECOM Asia Co. Ltd. 1 November 2019

#### March 2019

As the northeast monsoon over southern China was weaker than normal for most of the time in the month, March 2019 continued to be much warmer than usual in Hong Kong with a mean temperature of 21.0 degrees, 1.9 degree above the normal of 19.1 degrees and the fourth highest on record for March. The mean minimum temperature of the month was 19.4 degrees, 2.2 degrees above normal of 17.2 degrees and the third highest on record for March. Moreover, for the first quarter (January to March) of 2019, the mean temperature of 19.7, mean maximum temperature of 22.1 and mean minimum temperature of 18.1 were all the highest on record for the same period. Affected by troughs of low pressure over the coastal areas of Guangdong in the early part of the month, the weather of Hong Kong was also wetter than usual in March 2019. The total rainfall of 186.5 millimetres in the month was more than twice the normal of 82.2 millimetres. The accumulated rainfall recorded in the first three months of the year was 259.9 millimetres, nearly 61 percent above the normal figure of 161.3 millimetres for the same period.

#### **April 2019**

The exceptionally warm weather in the first quarter of 2019 continued in April 2019, mainly attributing to the warmer than normal sea surface temperature and stronger than usual southerly flow in the lower atmosphere over the northern part of the South China Sea. The mean minimum temperature of 22.9 degrees and mean temperature of 24.7 degrees were both 2.1 degrees above the corresponding normal and respectively one of the highest and second highest on record for April. The mean maximum temperature of 27.2 degrees was 2.2 degrees above the normal and the fifth highest on record for April. The monthly rainfall was 185.8 millimetres, about 6 percent above the normal of 174.7 millimetres. The accumulated rainfall recorded in the first four months of the year was 445.7 millimetres, about 33 percent above the normal figure of 336.1 millimetres for the same period.

#### May 2019

With more than usual moisture content in the lower atmosphere over southern China, May 2019 was gloomier than usual in Hong Kong. The mean amount of cloud in the month was 83 percent, 7 percent above the normal of 76 percent and the duration of bright sunshine in the month was only 83.1 hours, about 41 percent lower than the normal figure of 140.4 hours and the second lowest on record for May. With less sunshine and the prevalence of the cooler easterlies in the early part of the month, the month was cooler than normal with the monthly mean temperature of 25.3 degrees, 0.6 degree below the normal figure of 25.9 degrees. Overall, attributing to the well above normal temperatures in March and April, the spring of Hong Kong in 2019 was still much warmer than usual with the mean temperature from March to May 2019 reaching 23.7 degrees, 1.2 degrees above the normal and one of the fifth highest on record for the same period. The monthly rainfall was 234.6 millimetres, about 23 percent below the normal of 304.7 millimetres. The accumulated rainfall recorded in the first five months of the year was 680.3 millimetres, about 6 percent above the normal figure of 640.8 millimetres for the same period.

#### June 2019

Mainly attributing to the warmer than normal sea surface temperature and stronger than usual southerly flow in the lower atmosphere over the northern part of the South China Sea, June 2019 was much hotter than usual in Hong Kong. The monthly mean temperature of 29.0 degrees was 1.1 degree above the normal figure of 27.9 degrees, one of the third highest on record for June. Moreover, the first half of this year from January to June 2019 was exceptionally warm. The mean temperature of 23.0 degrees, mean minimum temperature of 21.3 degrees and mean maximum temperature of 25.4 degrees were all the highest on record for the same period. The monthly rainfall of June 2019 was 429.1 millimetres, about 6 percent below the normal of 456.1 millimetres. The accumulated rainfall recorded in the first six months of the year was 1109.4 millimetres, slightly higher than the normal figure of 1096.9 millimetres for the same period.

AECOM Asia Co. Ltd. 2 November 2019

#### **July 2019**

July 2019 was much hotter than usual in Hong Kong, mainly attributing to the warmer than normal sea surface temperature over the northern part of the South China Sea. The monthly mean minimum temperature of 27.7 degrees was 0.9 degree above the normal figure of 26.8 degrees, the highest on record for July. The monthly mean temperature of 29.5 degrees was 0.7 degree above the normal figure of 28.8 degrees, one of the sixth highest on record for July. The month was also cloudier than usual with the mean amount of cloud of 79%, about 10% above the normal figure of 69% and one of the fifth highest on record for July. The duration of bright sunshine in the month was only 150.5 hours, about 29% below the normal figure of 212.0 hours and the seventh lowest on record for July. The monthly rainfall was 328.5 millimetres, about 13 percent below the normal of 376.5 millimetres. The accumulated rainfall recorded in the first seven months of the year was 1437.9 millimetres, slightly lower than the normal figure of 1473.3 millimetres for the same period.

### August 2019

August 2019 was hotter than usual in Hong Kong, mainly attributing to the warmer than normal sea surface temperature over the northern part of the South China Sea. The monthly mean temperature of 29.0 degrees was 0.4 degree above the normal figure of 28.6 degrees. Moreover, the summer of this year from June to August was exceptionally hot. The mean minimum temperature of 27.2 degrees, mean temperature of 29.2 degrees and mean maximum temperature of 31.8 degrees were respectively the second, third and fourth highest on record for the same period. Due to the heavy rain brought by tropical cyclones Wipha and Bailu, the month was wetter than normal with the monthly total rainfall amounting to 596.4 millimetres, about 38 percent above the normal figure of 432.2 millimetres. The accumulated rainfall recorded in the first eight months of the year was 2034.3 millimetres, a surplus of 7 percent compared to the normal of 1905.5 millimetres for the same period.

#### September 2019

With the dominance of upper-air anticyclone over southern China for most of the time in the month, Hong Kong experienced a hot, sunny and dry September in 2019. The monthly mean temperature was 28.7 degrees, 1.0 degree above the normal figure of 27.7 degrees and the seventh highest on record for September. There were seven consecutive hot nights from 8 to 14 September, the longest on record for September. Moreover, up to September, the annual number of hot nights in 2019 already reached 45, which is 27.2 days above the annual normal and the highest on record since 1884. September 2019 was marked by sunny weather with the monthly total sunshine duration amounting to 216.3 hours, about 26 percent above the normal of 172.3 hours. The month was also drier than usual with a total rainfall of 198.9 millimetres, about 61 percent of the normal figure of 327.6 millimetres. The accumulated rainfall this year up to September was 2233.2 millimetres, on par with the normal figure of 2233.1 millimetres for the same period.

#### October 2019

Owing to the stronger than normal upper-air anticyclone over southern China, October 2019 was exceptionally hot and sunny in Hong Kong. The monthly mean maximum temperature of 29.5 degrees, 1.7 degrees above the normal figure of 27.8 degrees, was the highest on record for October. The monthly mean temperature was 26.6 degrees, 1.1 degrees above the normal figure of 25.5 degrees and the second highest on record for October. The month was marked by sunny weather with the monthly total sunshine duration amounting to 230.7 hours, about 19 percent above the normal of 193.9 hours. With two heavy rain episodes respectively on 6-7 October and 13-14 October, the month was also wetter than normal with a monthly rainfall of 149.5 millimetres, about 48 percent above the normal of 100.9 millimetres. The accumulated rainfall this year up to October was 2382.7 millimetres, about 2 percent higher than the normal figure of 2334.0 millimetres for the same period.

AECOM Asia Co. Ltd. 3 November 2019

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

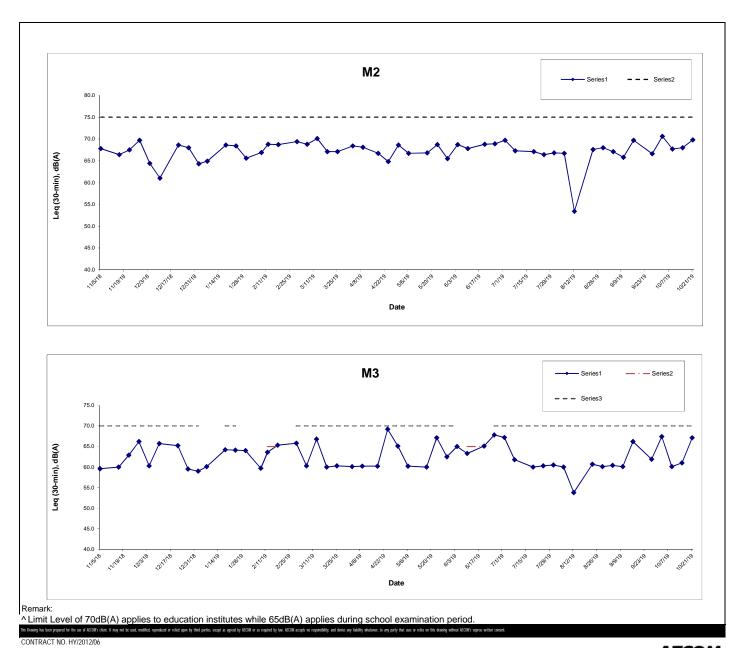
Location : M2 (West Tai Wo - Free Field)
Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

	Mea	sured Noise Lev	el for 30-min, c	lB(A)	Limit Level,	Exceedanc
Date	Start Time	Leq*	L10*	L90*	dB(A)	(Y/N)
5-Nov-18	11:05	67.8	69.5	64.0	75	N
16-Nov-18	11:05	66.4	67.5	64.0	75	N
22-Nov-18	16:05	67.5	69.3	65.0	75	N
28-Nov-18	10:25	69.7	71.4	67.2	75	N
4-Dec-18	11:20	64.4	66.0	62.0	75	N
10-Dec-18	10:15	61.0	62.0	57.5	75	N
21-Dec-18	10:15	68.6	70.2	66.9	75	N
27-Dec-18	14:20	68.0	70.0	66.0	75	N
2-Jan-19	10:20	64.3	66.5	62.5	75	N
7-Jan-19	13:25	64.9	66.5	62.5	75	N
18-Jan-19	13:30	68.6	70.3	66.9	75	N
24-Jan-19	10:05	68.4	70.0	66.5	75	N
30-Jan-19	10:15	65.6	67.1	64.1	75	N
8-Feb-19	14:35	66.9	67.5	64.5	75	N
12-Feb-19	15:15	68.8	70.3	65.9	75	N
18-Feb-19	14:10	68.7	70.2	66.8	75	N
1-Mar-19	14:20	69.4	70.5	67.6	75	N
7-Mar-19	15:15	68.8	70.5	66.0	75	N
13-Mar-19	14:30	70.1	72.4	67.9	75	N
19-Mar-19	15:20	67.1	68.5	66.0	75	N
25-Mar-19	14:00	67.1	68.5	63.5	75	N
3-Apr-19	11:00	68.4	69.5	65.0	75	N
9-Apr-19	11:00	68.1	69.5	66.0	75	N
18-Apr-19	10:55	66.7	68.5	64.0	75	N
24-Apr-19	10:00	64.8	66.5	62.7	75	N
30-Apr-19	13:30	68.6	70.2	66.9	75	N
6-May-19	13:20	66.7	67.5	63.5	75	N N
17-May-19 23-May-19	15:00 14:00	66.8	69.5 70.4	64.0	75 75	N N
29-May-19	14:20	68.7 65.5		66.5	75	N N
			66.5	63.0		i e
4-Jun-19 10-Jun-19	10:50	68.7	70.4	66.8	75 75	N N
20-Jun-19	14:25 13:25	67.8 68.8	69.5 70.6	65.5 65.2	75	N N
26-Jun-19	14:15	68.9	70.4	66.3	75	N N
2-Jul-19	11:40	69.7	70.4	68.1	75	N N
8-Jul-19	11:05	67.3	69.5	66.0	75	N N
19-Jul-19	14:20	67.1	68.5	63.0	75	N N
25-Jul-19	14:20	66.4	68.5	64.0	75	N
31-Jul-19	11:05	66.8	68.7	64.1	75	N
6-Aug-19	10:20	66.7	68.0	64.5	75	N N
12-Aug-19	14:20	53.4	54.1	51.5	75	N N
23-Aug-19	14:24	67.6	69.5	65.5	75	N N
29-Aug-19	14:30	68.0	69.0	65.0	75	N
4-Sep-19	14:15	67.1	69.0	65.5	75	N
10-Sep-19	14:00	65.8	67.0	63.0	75	N
16-Sep-19	11:29	69.7	71.2	69.7	75	N
27-Sep-19	14:00	66.6	67.5	63.5	75	N
3-Oct-19	10:15	70.6	72.5	68.4	75	N
9-Oct-19	13:55	67.7	69.0	65.0	75	N
15-Oct-19	14:45	68.0	70.0	62.0	75	N
21-Oct-19	11:15	69.8	71.2	67.8	75	N
Minimum for No		53.4	54.1	51.5	,,,	
Maximum for No		70.6	72.5	69.7	╣	
	18 to Oct 19	67.7	69.4	65.5	-1	

**Location : M3 (Fanling Government Secondary School- Façade)**Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

	Measured Noise Level for 30-min, dB(A)					Exceedance
Date	Start Time	Lea	L10	L90	Limit Level, dB(A)^	(Y/N)
5-Nov-18	10:15	59.6	60.5	56.5	70	N
16-Nov-18	10:15	60.0	61.0	56.5	70	N
22-Nov-18	16:52	62.9	64.6	60.5	70	N
28-Nov-18	9:30	66.2	68.1	64.3	70	N
4-Dec-18	10:30	60.3	61.0	55.5	70	N
10-Dec-18	11:00	65.7	67.5	64.0	70	N
21-Dec-18	9:30	65.2	67.8	63.6	70	N
27-Dec-18	14:05	59.5	60.5	56.5	70	N
2-Jan-19	10:00	59.0	60.0	53.0	70	N
7-Jan-19	13:05	60.1	61.0	56.0	65	N
18-Jan-19	14:15	64.2	66.0	62.3	70	N
24-Jan-19	11:00	64.1	65.8	62.0	70	N
30-Jan-19	10:55	64.0	65.9	62.2	65	N
8-Feb-19	14:50	59.7	60.5	57.5	70	N
12-Feb-19	16:10	63.6	65.5	61.3	65	N
18-Feb-19	13:30	65.3	66.7	63.6	65	Υ
1-Mar-19	13:30	65.8	66.5	62.7	70	N
7-Mar-19	15:00	60.3	61.0	56.5	70	N
13-Mar-19	13:05	66.8	68.9	64.2	70	N
19-Mar-19	14:30	60.0	61.0	55.0	70	N
25-Mar-19	13:05	60.3	61.0	54.5	70	N
3-Apr-19	10:05	60.1	61.0	54.5	70	N
9-Apr-19	10:05	60.2	61.0	57.5	70	N
18-Apr-19	10:00	60.2	61.0	56.5	70	N
24-Apr-19	9:20	69.2	71.3	67.8	70	N
30-Apr-19	14:15	65.1	66.9	63.7	70	N
6-May-19	13:00	60.2	61.5	56.5	70	N
17-May-19	14:05	60.0	61.0	56.5	70	N
23-May-19	14:45	67.1	69.0	64.0	70	N
29-May-19	14:05	62.5	63.5	60.0	70	N
4-Jun-19	13:00	65.0	66.3	62.3	70	N
10-Jun-19	13:20	63.3	66.0	61.5	65	N
20-Jun-19	14:35	65.1	66.8	63.5	65	Υ
26-Jun-19	15:00	67.8	69.3	65.2	70	N
2-Jul-19	9:50	67.2	69.4	65.1	70	N
8-Jul-19	10:10	61.8	63.5	60.0	70	N
19-Jul-19	13:30	60.0	61.0	56.0	70	N
25-Jul-19	13:25	60.3	62.0	57.0	70	N
31-Jul-19	9:55	60.5	62.7	58.2	70	N
6-Aug-19	10:00	60.0	61.0	55.0	70	N
12-Aug-19	15:10	53.8	55.1	52.4	70	N
23-Aug-19	13:12	60.7	62.5	57.5	70	N
29-Aug-19	13:35	60.1	61.0	55.5	70	N
4-Sep-19	13:10	60.4	62.5	58.0	70	N
10-Sep-19	13:15	60.1	61.0	57.0	70	N
16-Sep-19	10:09	66.2	68.1	64.3	70	N
27-Sep-19	13:15	61.9	62.5	59.0	70	N
20-Jun-19	9:30	67.4	68.9	64.5	70	N
26-Jun-19	13:00	60.1	61.0	56.5	70	N
2-Jul-19	13:50	61.0	63.5	58.0	70	N
8-Jul-19	10:30	67.1	68.6	65.9	70	N
Minimum for Nov		53.8	55.1	52.4		
Maximum for Nov		69.2	71.3	67.8		
Average for Nov	18 to Oct 19	63.8	65.5	61.3	]	

<sup>\* +3</sup>dB(A) Façade effect correction included ^ Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.



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

**AECOM** 

Graphical Presentation of Impact Daytime Construction Noise Monitoring Results

 Project No.: 60307376
 Date:
 Nov-19
 Appendix G

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

# Appendix L Statistics on Complaints, Notifications of Summons and Successful Prosecutions

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

	Date Received	Subject	Status	Total no. followed up by the ET this period	Total no. followed up by the ET since project commencement
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	- 1	
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		9

	Date Received	Subject	Status	Total no. followed up by the ET this period	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 - 4 - 1	Service Road West between Nam Wah Po & Tai Hang Tsuen, which			
	23 October	have piled up high stockpiles, causing serious dust nuisance to his	Closed		
	2014	house.			
		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	Closed		
	December	Village Office on 29 December 2014. It was suspected that the muddy			
	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	Closed		
	25 March	gasoline from the Widening of Fanling Highway construction site on			
	2015	Tai Wo Service Road West, causing serious nuisance to nearby			
		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 period	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)	Team by the Contractor on 23 May 2017	Closed		

Date Received	Subject	Status	Total no. followed up by the ET this period	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.	Closed		

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