

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 2019 to October 2020

[01/2021]

	Name	Signature
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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 2019 to October 2020 for the portion of Stage 2 works under Contract No. HY/2012/06

31 December 2020 By Fax (2805 5028) & Hand

We refer to the Annual EM&A Report for November 2019 to October 2020 received on 28 December 2020 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)

TAE	BLE O	F CO	NTENTS							
				Page						
EXE			UMMARY	2						
1	INTF	RODU	CTION	4						
	1.1 1.2 1.3	Prog	ect Organization and Contacts of Key Management gramme Imary of Construction Works	4 5 5						
2	ENV	IRON	MENTAL MONITORING AND AUDIT REQUIREMENTS	6						
	2.1 2.2 2.3 2.4 2.5	Mon Envi Envi	itoring Parameters itoring Locations fronmental Quality Performance Limits (Action/Limit Levels) fronmental Mitigation Measures fronmental 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	8						
7			Y OF COMPLAINTS, NOTIFICATIONS OF SUMMONS AND SUCCESSFUL UTIONS	9						
8	REV	IEW (OF THE VALIDITY OF THE EIA/ERR PREDICTIONS	9						
9	9 REVIEW OF THE EFFECTIVNESS AND EFFICIENCY OF MITIGATION MEASURES									
10	REV	IEW (OF SUCCESS OF EM&A PROGRAMME	9						
11	COM	1MEN	ITS, RECOMMENDATIONS AND CONCLUSIONS	10						
	11.1 11.2 11.3	R	omments ecommendations onclusions	10 11 11						
List	t of Ta	bles								
Tab Tab Tab	ole 1.1 ole 3.1 ole 3.2 ole 4.1 ole 5.1	S S S	ontact Information of Key Personnel ummary of 1-hour TSP Monitoring Results in the Reporting Period ummary of 24-hour TSP Monitoring Results in the Reporting Period ummary of Construction Noise Monitoring Results in the Reporting Period ummary of Waste Flow Table for Contract No. HY/2012/06							
Fig	ures									
_	ure 1.1 ure 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	ure 1.3	Ba-b	Locations of Monitoring Station							
List	t 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 2019 and 31 October 2020. As informed by the Contractor, construction activities of Contract No. HY/2012/06 in the reporting period were:

- Site clearance
- Noise Barrier installation and maintenance
- Excavation
- Backfilling
- Sign gantry installation
- Road resurfacing
- 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 or Limit Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 – 1900 hours on normal weekdays was received and followed by the Environmental Team in the reporting period.

Complaint, Notification of Summons and Successful Prosecution

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

One (1) noise and dust related complaint was received on 14 November 2019 and followed up by the Environmental Team. The complainant complained about dust and noise nuisance caused continuously by road construction works at Tai Wo Service Road West. After investigation, there is no adequate information to conclude that the complaint is related to this project.

AECOM Asia Co. Ltd. 3 December 2020

1 INTRODUCTION

1.1 Project Organization and Contacts of Key Management

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

Table 1.1 Contact Information of Key Personnel

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

1.2 Programme

1.2.1 The Construction Programme is shown in Appendix B.

1.3 Summary of Construction Works

- 1.3.1 Details of the construction works of Contract No. HY/2012/06 carried out by the Contractor in this reporting period are listed below:
 - Site clearance
 - Noise Barrier installation and maintenance
 - Excavation
 - Backfilling
 - Sign gantry installation
 - Road resurfacing
 - 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.

3 AIR QUALITY MONITORING

- 3.1.1 In accordance with the updated EM&A Manual, baseline 1-hour and 24-hour TSP levels at one air quality monitoring station was established. Impact 1-hour TSP monitoring was conducted for at least three times every 6 days, while impact 24-hour TSP monitoring was carried out for at least once every 6 days.
- 3.1.2 The weather was mostly sunny, occasionally fine, cloudy, and rainy 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)	62.6	55.6 – 87.6	317.8	500

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

Location	Average (μg/m³)	Range (μg/m³)	Action Level (μg/m³)	Limit Level (μg/m³)
AM2 (Fanling Government Secondary School)	25.5	7.9 – 63.6	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))
	Leg (30 mins)	L _{eq (30 mins)}	Leq (30 mins)
M2*	67.7	64.7 – 70.5	75
M3 [#]	63.2	59.1 – 67.5	65/70

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

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

- 4.1.3 The major noise sources during the noise monitoring included nearby road traffic noise.
- 4.1.4 No Action Level or Limit Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 1900 hours on normal weekdays was received and followed by the Environmental Team in the reporting period.
- 4.1.5 The graphical plots of the trends of the monitoring results are provided in Appendix G.

5 ADVICE ON THE SOLID AND LIQUID WASTE MANAGEMENT STATUS

- 5.1.1 As advised by the Contractor of Contract No. HY/2012/06, 10,523 m³ of inert C&D material was generated in the reporting month (5,349 m³ disposed of as public fill to Tuen Mun 38, 2,313 m³ of inert C&D materials was reused on site, 1,987 m³ of inert C&D materials was reused in other projects and 784 m³ was broken concrete). For C&D wastes, 1,165 m³ of general refuse was disposed of at NENT landfill, 308 kg of paper/cardboard packaging, 0 kg of plastics and 63,965 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	5,439 m ³	Tuen Mun 38
Broken concrete	784 m ³	Tuen Mun 38
C&D wastes disposed as general refuse	1,165 m ³	NENT Landfill
Paper/cardboard packaging	308 kg	Recycling Contractors
Plastics	0 kg	Recycling Contractors
Metals	63,965 kg	Recycling Contractors
C&D materials reused on site	2,313 m ³	Site Area
C&D materials reused in other projects	1,987 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 or Limit Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 1900 hours on normal weekdays was received and followed by the Environmental Team in the reporting period.

7 SUMMARY OF COMPLAINTS, NOTIFICATIONS OF SUMMONS AND SUCCESSFUL PROSECUTIONS

- 7.1.1 No notification of summons or successful prosecution was received in the reporting period.
- 7.1.2 One (1) noise and dust related complaint was received on 14 November 2019 and followed up by the Environmental Team. The complainant complained about dust and noise nuisance caused continuously by road construction works at Tai Wo Service Road West. After investigation, there is no adequate information to conclude that the complaint is related to this project.
- 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 All 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.

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.

AECOM Asia Co. Ltd. 9 December 2020

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

- The Contractor was advised to cover the stockpile on site with imperious sheeting.
- The Contractor was advised to replace the decolored NRMM label.
- The Contractor was reminded to provide NRMM label to the excavator and bulldozer.
- The Contractor was advised to implement watering for dusty work.
- The Contractor was advised watering the exposed area regularly.
- The Contractor was reminded to cover the stockpile at entirely.
- The Contractor was advised to wash the vehicle wheel before the vehicle leaving the construction site.
- The Contractor was reminded to clean the silt at boundary.

Construction Noise Impact

• The Contractor was reminded to provide soundproof cloth to the breaker.

Water Quality Impact

- The Contractor was advised to remove the silt at the site boundary.
- The Contractor was reminded to remove the soil water and treat it properly.

Chemical and Waste Management

- The Contractor was advised to remove the construction material and waste.
- The Contractor was advised to provide sufficient waste collection point.
- The Contractor was advised to remove the general refuse and improve the site tidiness.
- The Contractor was advised to provide drip tray to the chemical on for preventing potential leakage.
- The Contractor was advised to provide onsite waste sorting for the general refuse, construction waste and recyclable material.

Landscape and Visual Impact

Nil.

Miscellaneous

• The Contractor was reminded to improve the site housekeeping.

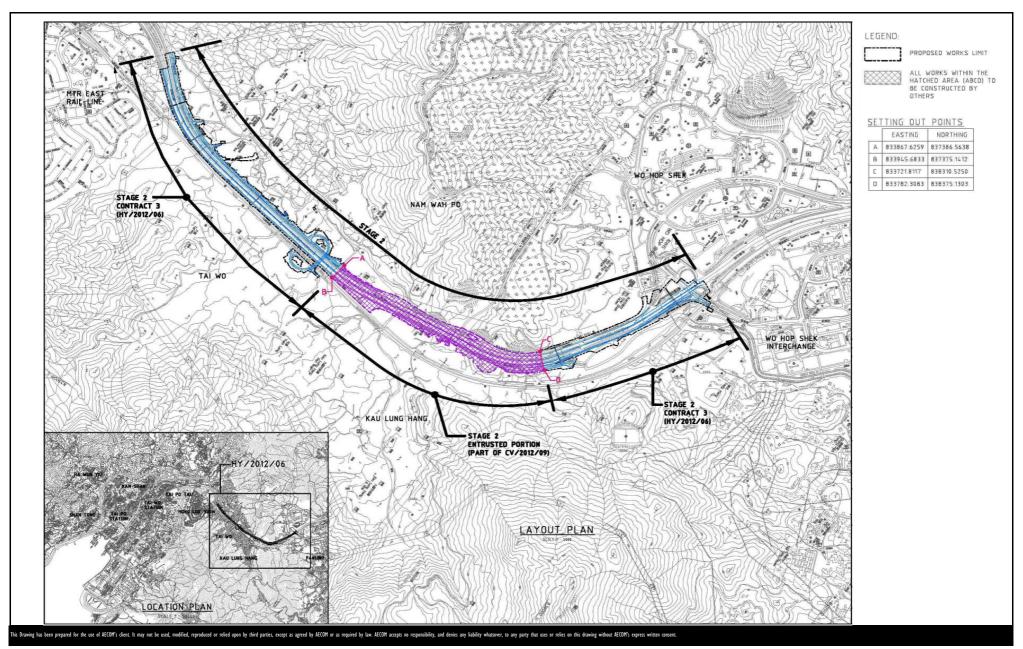
11.2 Recommendations

- 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 or Limit Level exceedance of construction noise was recorded in the reporting period. No noise complaints related to 0700 1900 hours on normal weekdays was received and followed by the Environmental Team in the reporting period.
- 11.3.3 One (1) noise and dust related complaint was received on 14 November 2019 and followed up by the Environmental Team. The complainant complained about dust and noise nuisance caused continuously by road construction works at Tai Wo Service Road West. After investigation, there is no adequate information to conclude that the complaint is related to this project.
- 11.3.4 No notification of summons and successful prosecution was received in the reporting period.

FIGURES



CONTRACT NO. HY/2012/06

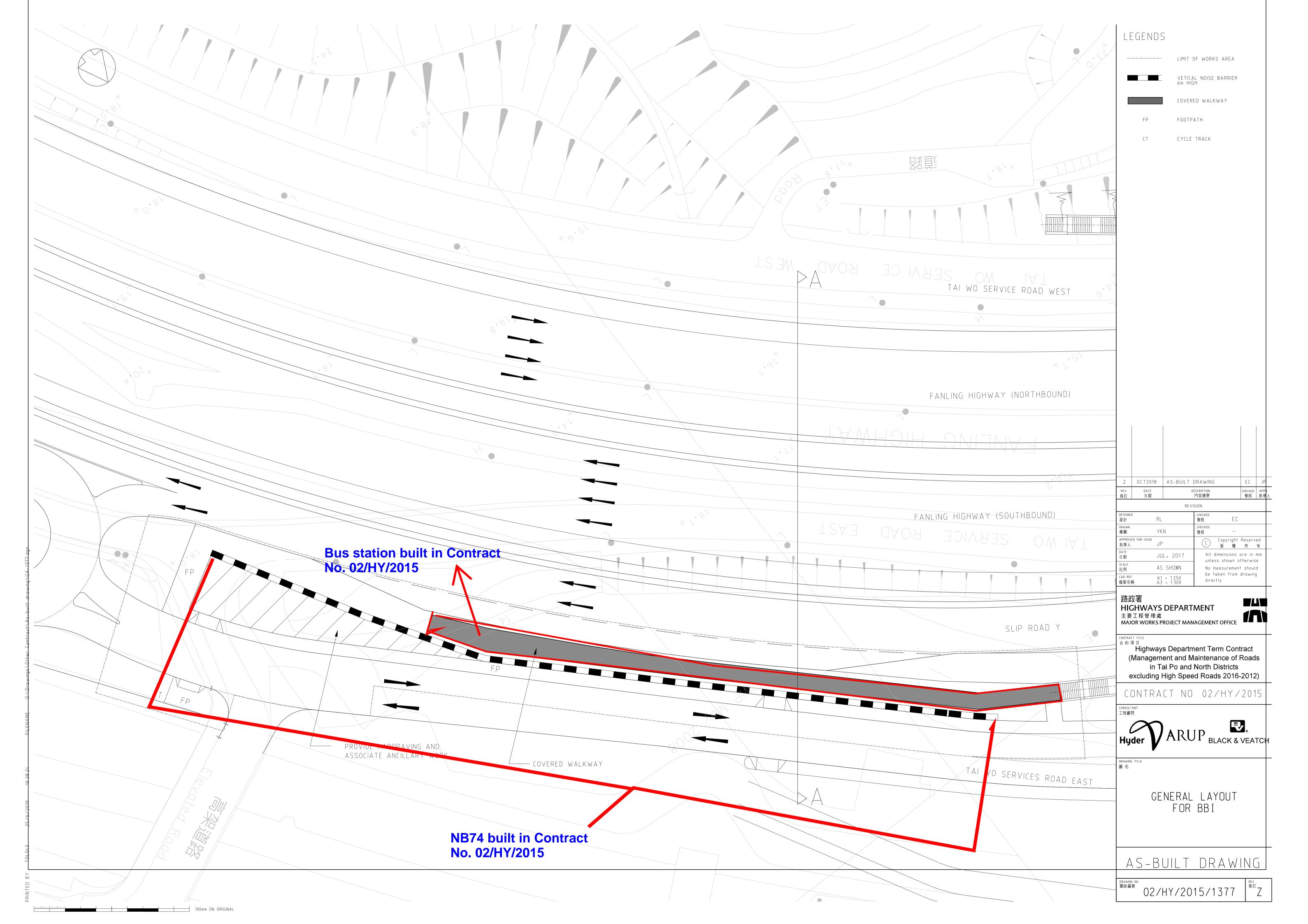
WIDENING OF FANLING HIGHWAY

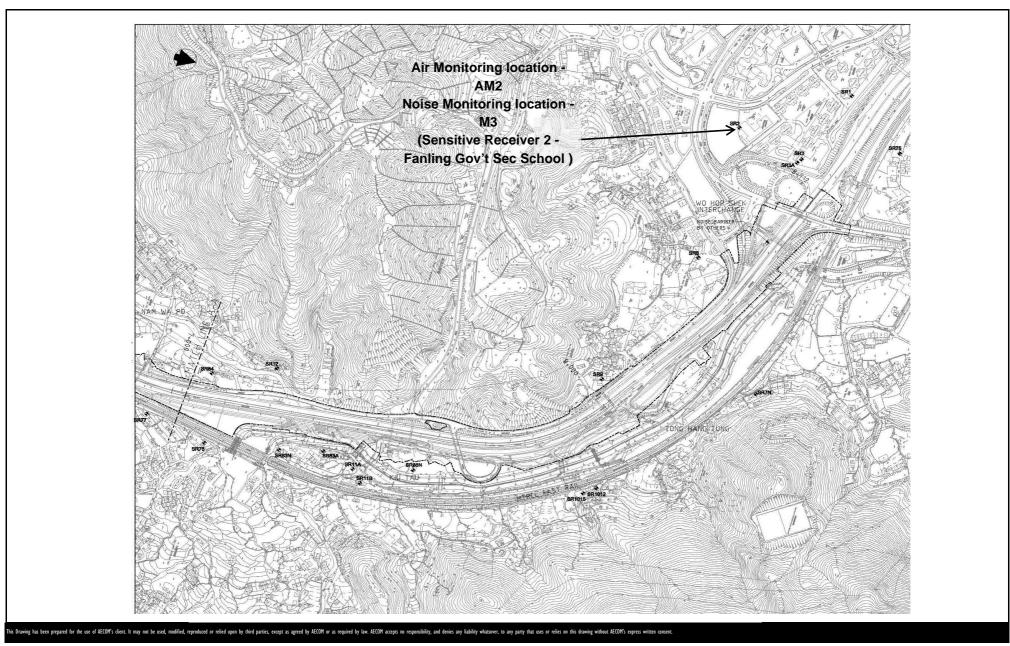
- TAI HANG TO WO HOP SHEK INTERCHANGE

AECOM

Layout Plan

Date: Dec 2013 Figure 1.1



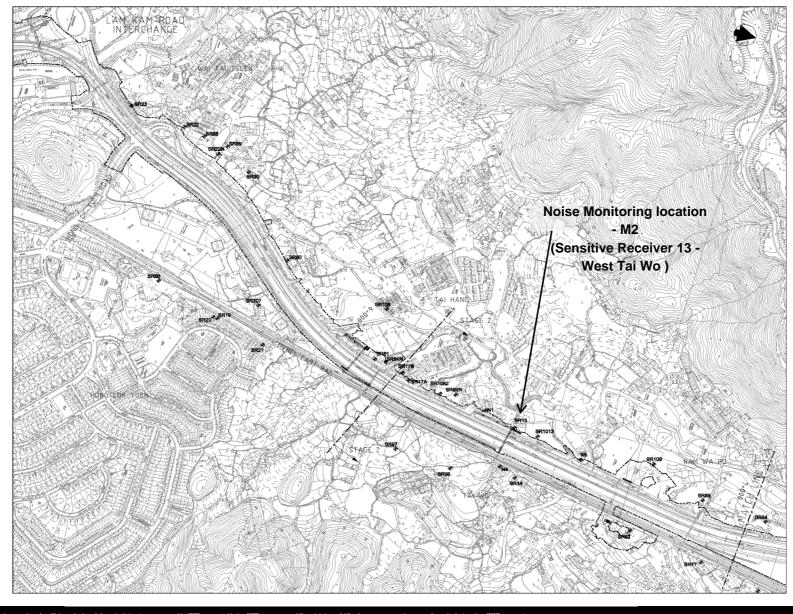


CONTRACT NO. HY/2012/06

WIDENING OF FANLING HIGHWAY

- TAI HANG TO WO HOP SHEK INTERCHANGE





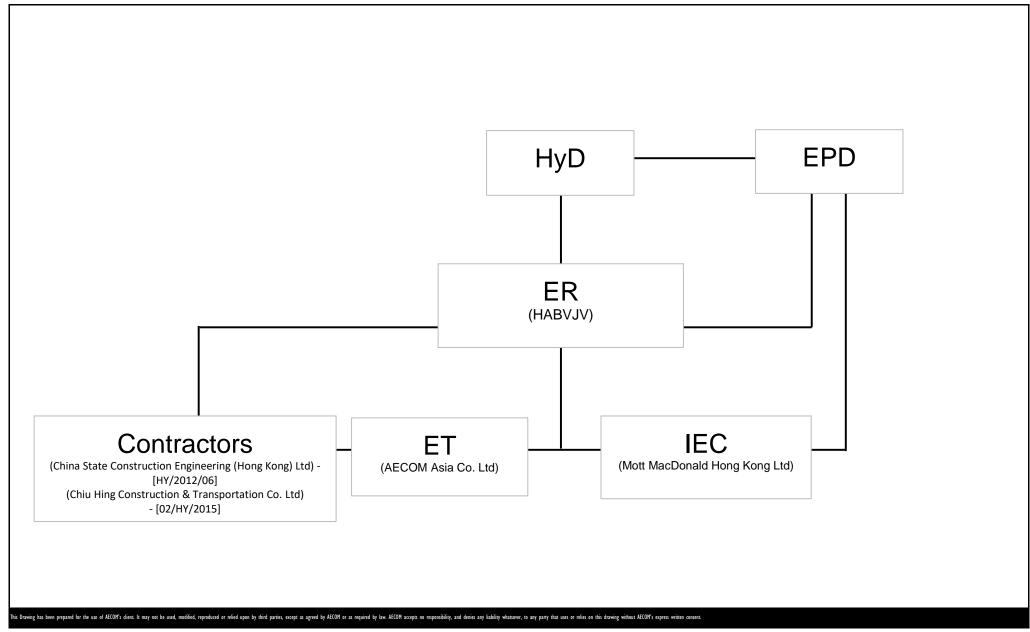
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CONTRACT NO. HY/2012/06 WIDENING OF FANLING HIGHWAY

- TAI HANG TO WO HOP SHEK INTERCHANGE



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 0 -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	 			·						; :			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			 	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>					
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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								 		<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			 	·										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			 			·	ļ			5-Apr-17 A	♦ 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			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	0d) -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				 						:	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			 			·			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	 			·					 			♦ \$it	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			J :			•	-			-						Mar-18 WF				_
♦ Milestone	-	Page 1 of 48				Works Prog	yr arrim	e - WP	Rev. /						The second		03-	Dec-18 WF	· Kev	<u>/ </u>		_
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WP Rev 07				WP	rev 7										Page			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)							_r		<u> </u>	
POSSA340A	Site Area SA340A (0d)	0	29-Oct-13 A						♠ Site Δre	a SA340A (0d)		·					ļļ				
	` ,									Area SA341 (90) 4 /										
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)										
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)							 			·	
POSSA346	Site Area SA346 (0d)	0	27-Nov-13 A						♦ Site Ar	rea SA346 (0d)											
Z1.1000	, ,			16-Sep-13 A				Α .			r to Commen	ce Work (S	ection Sub	ect to Excisio	on-424d)(\$A310)						
	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								_[-		}	
POSSA320-14		0	26-Sep-14 A							◆ SA	320/323							_[
POSSA320-15		0	09-Jan-14 A							320/324							ļļ	_I			
									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					♦ 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 beside	cycle track)			 			·	
	0 SA322A/ 322B/Hse 115, 117	0	26-Sep-14 A							♦ SA	322A/ 322B/F	lse 115, 11	7				ļ				
																		 			
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				•			11										
	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				Works Progr	ramme	- W	/P Rev.	7						03-Dec-1					

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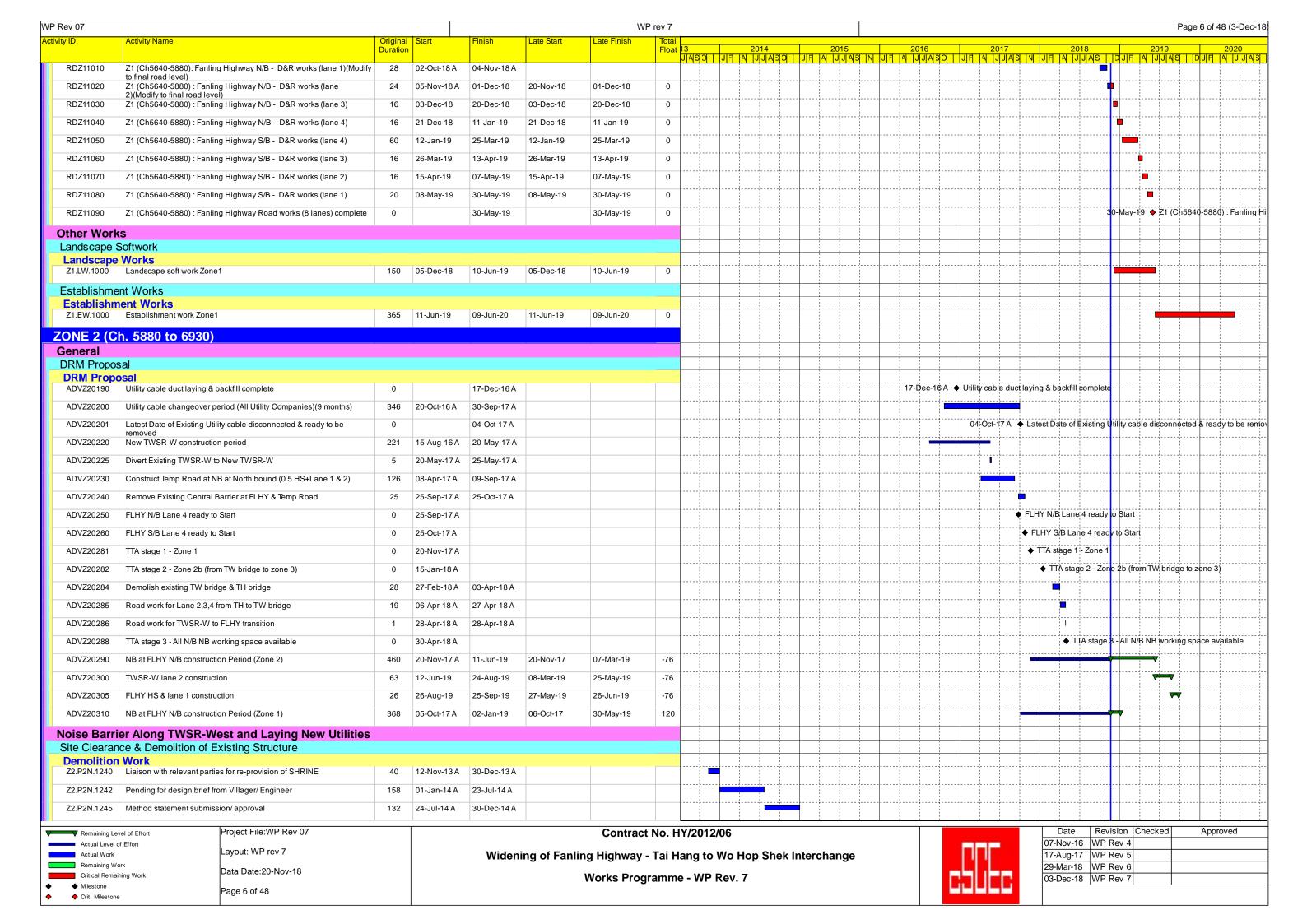
Page 2 of 48

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											 		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													1					+				
		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					 					•		-		 -					
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	,	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							 										 	[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								+									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-		 		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 \	Ио Нор	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												····					 			
Undergrou	Ind Utility Works	· · · ·																	+	+ +	++		+		-
UUZ10110		y companies (Along NB42A)	50	21-Aug-15 A	20-Oct-15 A									-				 							
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>							; -			
TSZ10240	Firemain installation (along	g NB47B)	146	13-Nov-15 A	20-May-16 A																				
Undergrou	Ind Utility Works														+ +				+ -	+ +	++	- 	+		-
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									-								 			
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>			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 	 								
NB01240	NB43B-1 - NB production		45	02-Jun-18 A	16-Jul-18 A							<u> </u>	1	 					F	+	1-1				
NB01250	NB43B-1 - NB post & pane	linstallation	5	03-Jan-19	08-Jan-19	25-May-19	30-May-19	115			 			 							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										F	Page 5 of 48 (3-Dec-18
Activ	vity ID	Activity Name	Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13 JASO JIF	2014 [A] [J]J[A]S[O]	JIFI	2015 N JJJAS IN JJF	2016 [A] [J][A]S[O] [2017 JIFI IN JJJINS IN	2	018 JIJIAISI	I IDIJI	2019 TIALIJIJIAIS	2020
	NB01260	NB43B-2 (100-200m) - Sheet piling & Excavation	47	16-Nov-17 A	12-Jan-18 A							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1-1-1-1	T		1 1 1 1 1 1 1 1 1 1 1 1 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											
Ш	NB01310	NB43B-3 (200-260m) - Sheet piling & Excavation	122	03-Jul-17 A	24-Nov-17 A														
	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	<u> </u>														
Ш		· ·		·	· ·											· <u></u>			
Ш	NB01340	NB43B-3 - NB production	77	20-Jun-18 A	04-Sep-18 A	0-14	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	IN/B NB backfi	ling completed
		t Construction																	
	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				ļ			•							
	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				ļ										
Ш																			
Ш	NB01430	NB45 - backfilling	25	21-May-15 A															
ш	NB01435	NB45 - Excavation & Footing & Wall Structure (2 bays)		01-Sep-15 A						.ļļ									
	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						<u>-</u>								
	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								•				4		
	Fanling Hig Drainage & F	hway Construction															+		
	Ch 5640-58																+		
											<u>. :</u>							101	
	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 H	ang to Wo	Hop Shek	Interc	hange			17-Aug-	17 WP	Rev 5		
	Remaining Wo	IData Data: 20-Nov-18					Works Prog		_	-					29-Mar- 03-Dec-				
•	→ Milestone	5 5 (40					**************************************	9. WILLIE	5 111 INGV						03-060-	IO IVVE	1,64 /		

Page 5 of 48

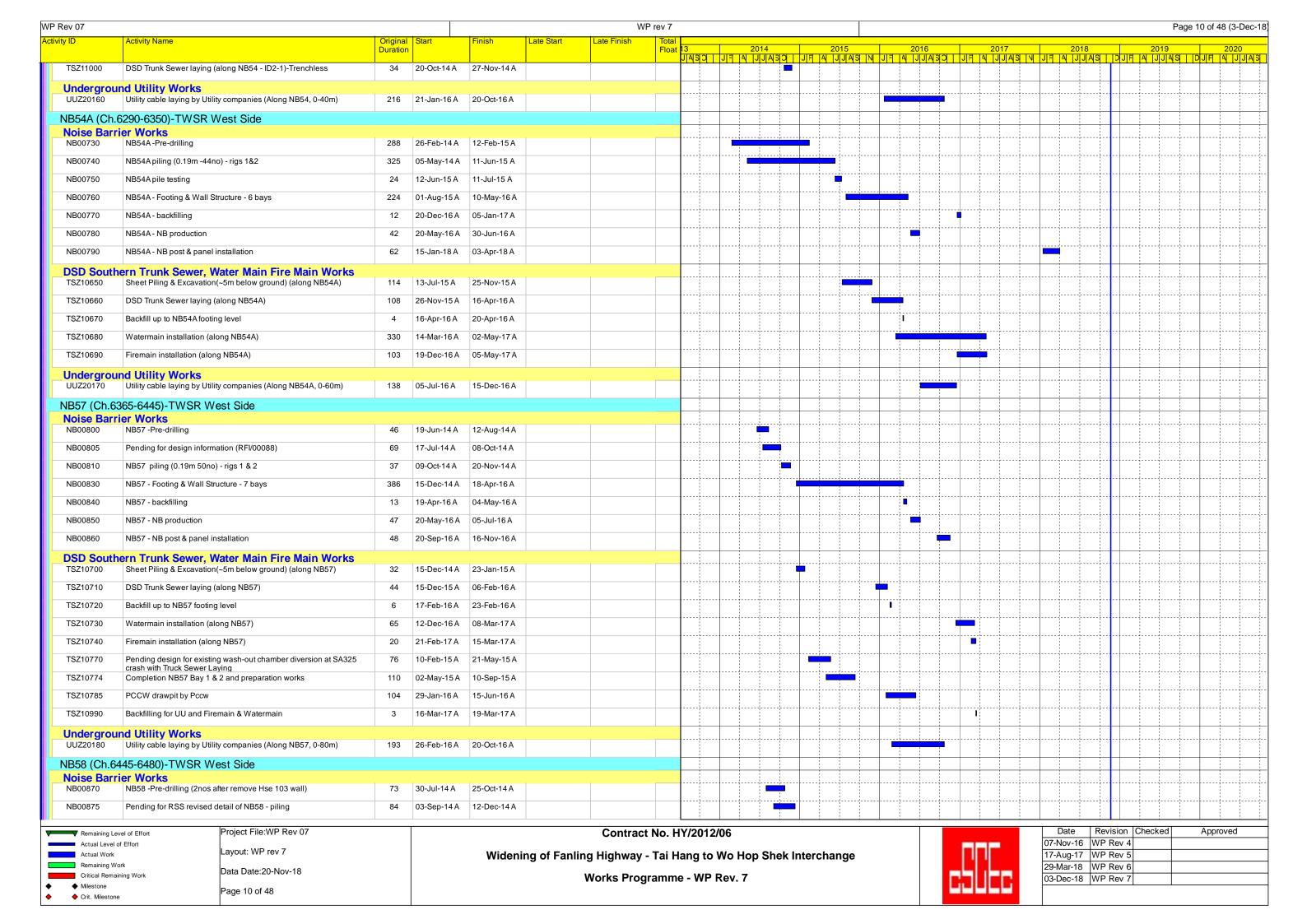


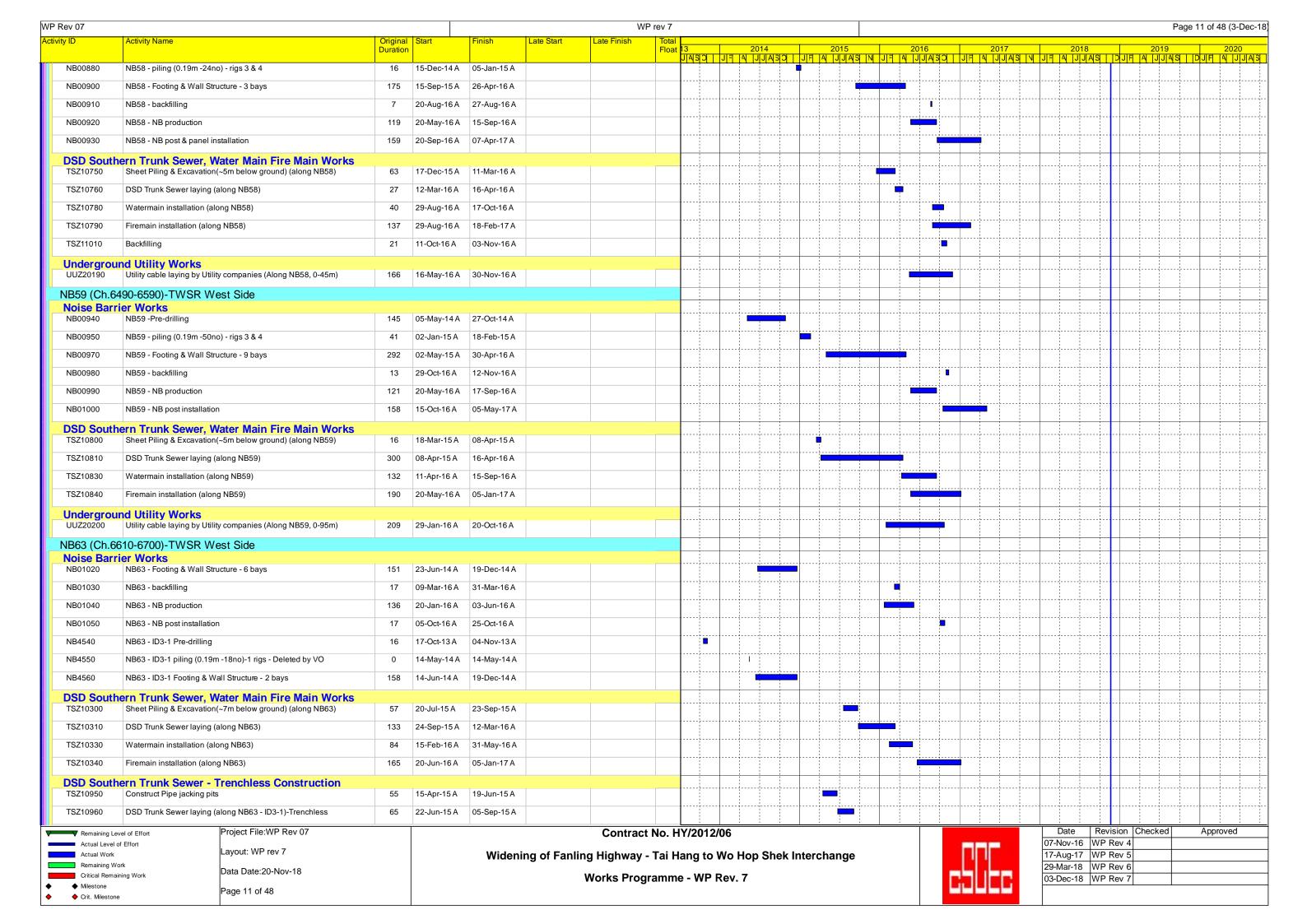
WP Rev 07							WF	P rev 7												ı	Page 7 of 4	8 (3-Dec-1
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13	2014		2015		2016		2017		018		2019		2020
Z2.P2N.1250	Construction of proposed S	SHRINE	27	01-Aug-16 A	31-Aug-16 A				J[A[S]] [<u> </u>		IA IJJA	S N JF		<mark>) J F </mark>	<u>A INNAS I</u>	N N N	JIJIAIS I	DJH A	JJJAS	DJF	A JJAS
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>										f	
Z2.P2N.1290	Demolition of Man Ching L	ung Tong	7	29-Jan-15 A	05-Feb-15 A								+									
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>											
Z2.P2N.1320	Demolition of villiage house	es	26	20-Oct-14 A	18-Nov-14 A																	
NB47 (Ch.58	□ 880-5930)-TWSR We	st Side																		-		
Noise Barr	ier Works																					
NB00270		ting & Wall Structure - 5 bays	302	11-Mar-15 A	21-Mar-16 A							¦		-}							ļļļ	,
NB00275	NB47 (Ch5880-5930)- back		12	01-Jun-16 A	15-Jun-16 A																	
NB00280	NB47 (Ch5880-5930)- NB		77	19-Mar-16 A	03-Jun-16 A						_										ļļi	,
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																	
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																ļļ	
TSZ10270	Watermain installation (alo		72	20-Feb-16 A	20-May-16 A																ļļ	
TSZ10200	Firemain installation (along		14	15-Jul-16 A	30-Jul-16 A				ļ			ļ									ļļ	
		(THOTI)	14	13-341-1074	30-301-10 A																	
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																				
NB00295	NB47A - ID1-1 Pre-drilling		11	07-Nov-13 A	19-Nov-13 A																	
NB00300	NB47A - ID1-1 piling (0.19n		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										
NB00335	Backfilling (Along NB47A-a	bove ID1)	217	06-Oct-15 A	07-Jul-16 A																	
NB00340	NB47A - NB production		228	20-Oct-15 A	03-Jun-16 A																	
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										·							
TSZ10350	Watermain installation (Alo		78	05-May-15 A	06-Aug-15 A																ļļ	
TSZ10380	Watermain & Firemain insta	<u> </u>	56	24-Aug-15 A	30-Oct-15 A								<u> </u>								ļļļ	
TSZ10560		· • ·	94	25-Aug-15 A	15-Dec-15 A							•										
DSD South TSZ11080		renchless Construction long NB47A - ID1-1)-Trenchless	28	20-Oct-14 A	20-Nov-14 A																	
Undergrou	nd Utility Works														1							
UUZ20110		companies (Along NB47A)	199	13-Jan-16 A	20-Sep-16 A																	
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																				
Noise Barr	ier Works NB48 (NB48/1-5)- Pre-drill	ing	31	07-May-14 A	12-Jun-14 A																ļļ	
NB00360	NB48 (NB48/1-5 up to THF		91	14-Jun-14 A	30-Sep-14 A																	
NB00360 NB00380		b) plling (0.19m -52no) oting & Wall Structure - 4 bays	150	14-Jun-14 A 18-Apr-15 A	16-Oct-15 A														 			
NB00390	NB48 (Ch5995-6060) - bac		113	05-Oct-16 A	25-Feb-17 A																ļļ	
INDUUSSU	MD40 (CIID990-0000) - Da0		113	03-001-10 A	20-1 ED-17 A																	
Remaining Lev		Project File:WP Rev 07					Contract	No. H	Y/2012/0)6							Date	Rev 16 WP	vision Ch	ecked	Appro	ved
Actual Level of Actual Work	or ⊑HUIL	Layout: WP rev 7			Widenii	ng of Fanli	ng Highway -	- Tai H	ang to V	Vo Hop Sh	nek Inter	change	:			7	17-Aug-	17 WP	Rev 5			
Remaining Wo		Data Date:20-Nov-18				_	Works Prog		_	_		_						18 WP 18 WP		$\overline{}$		
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WP	Rev 07						W	P rev 7										Page	e 8 of 48 (3-Dec-	18
Activ	rity 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															-
	NB00410	NB48 (Ch5995-6060) - NB post & panel installation	56	17-Oct-15 A	22-Dec-15 A															
	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				+		•									-
	NB00440	NB48 (Ch6060-6120) - Footing & Wall Structure - 5 bays	67	01-Sep-15 A	20-Nov-15 A							<u></u>								-
	NB00450	NB48 (Ch6060-6120) - backfilling	12	20-Sep-16 A	04-Oct-16 A								·			 				
	NB00460	NB48 (Ch6060-6120) - NB production	76	20-Mar-16 A	03-Jun-16 A															-
	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						-									
	TSZ10410	DSD Trunk Sewer laying (along NB48, 0-60m)	46	28-Aug-15 A	23-Oct-15 A						-	-								
	TSZ10420	Backfill up to NB48, 0-60m footing level	85	24-Oct-15 A	03-Feb-16 A				1											Î
	TSZ10430	Watermain installation (along NB48, 0-60m)	58	21-Mar-16 A	02-Jun-16 A															
	TSZ10440	Firemain installation (along NB48, 0-60m)	252	20-Jun-16 A	29-Apr-17 A											 				+
	TSZ10450	Sheet Piling & Excavation(~5m below ground) (along NB48, 60-110m)	72	05-Aug-15 A	30-Oct-15 A				+											
	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>
	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															-
		nd Utility Works		20 0011 1071	20 11101 1171											1				+
	UUZ20120	Utility works Utility cable laying by Utility companies (Along NB48, 0-60m)	201	21-Jan-16 A	30-Sep-16 A															
	UUZ20130	Utility cable laying by Utility companies (Along NB48, 60-110m)	136	05-Feb-16 A	30-Jul-16 A							-								-
	NB49 (Ch 61	45-6215)-TWSR West Side																		+
	Noise Barri	er Works										1								<u>+</u>
	NB00485	NB49 - Pre-drilling	79	03-Nov-14 A	05-Feb-15 A					 										
	NB00490	NB49 piling (0.19m -42no) - rigs 1&2	46	12-Jan-15 A	13-Mar-15 A															
	NB00491	VO47 issuance	0	04-Nov-15 A								◆ VO47 i	ssuance							
	NB00493	Procurement couplier	24	09-Nov-15 A	05-Dec-15 A							-				<u>-</u>				1
	NB00507	Villager Noise Compliant induce stop work	0	10-Jul-15 A							♦ Vil	lager Noise	Compliant induce	stop work						
	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															-
	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											-				-
	NB00530	NB49 - NB production	27	20-May-16 A	15-Jun-16 A															-
	NB00540	NB49 - NB post installation	3	06-Oct-16 A	08-Oct-16 A															<u>.</u>
		·		00 00. 107.	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															+
	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															-
	TSZ10530	Watermain installation (along NB49)	152	01-Jun-16 A	30-Nov-16 A											 				-
	TSZ10540	Firemain installation (along NB49)	72	15-Sep-16 A	10-Dec-16 A							<u> </u>								
				12 300 1070	1.2 200 1077															+
	ondergrour	nd Utility Works						;	<u>: : : : : : : : : : : : : : : : : : : </u>	1 1	- 1	i	<u>; ; ; , , , , , , , , , , , , , , , , ,</u>	<u> </u>		- !	;	<u> </u>	1 1	<u>:</u>
	Remaining Leve	el of Effort Project File:WP Rev 07					Contrac	No. HY/2012/06							Date		ision C	hecked	Approved	_
	Actual Level of				\A#: .				Hair O' '	. 1(l · ·		3		07-Nov-16					_
	Actual Work Remaining Wor	rk			wideni	ng of Faniin	ig nignway	- Tai Hang to Wo	nop Snek	Interc	nange			' ' '	17-Aug-17 29-Mar-18					_
•	Critical Remain Milestone	Data Date:20-Nov-18				,	Works Prog	ramme - WP Rev	. 7						03-Dec-18					_

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 19974	79 19 1	14 1010140		<u> </u>				4
	215-6235)-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 Ol114-5-14, 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																	
	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	11.6.	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																	
	, ,	,	. ,	500 107										1								+
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 Errort	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			_	Works Progr		•	-			_					29-M	1ar-18 \	WP Rev	6		_
♦ Milestone	-	age 9 of 48				TOURS FIUGI	amme	, - VVF F	CV. I								03-1	ec-18 \	vvr KeV	<i>I</i>		_





VP Rev 07						WP re	v 7													Р	age 12	2 of 48 (3-	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	INNASO I	JF A J	JAS N	JF A L	UASO UF	A JUNAS	NJF	A JJA	S D.	JF A	<u> </u>	, OIK	JF A J	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							- 										ļļ		
	_	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	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											-					-		-		-		
Structure V ID2-0100	Box Culvert Extension ID2 structure	91	20-Oct-14 A	18-Feb-15 A			-				<u> </u>					<u> </u>					-		
Noise Barri	er Along Fanling Highway N/B																	+	-	-	+	-	
	ce & Demolition of Existing Structure																						
General	Friedon Helitanakia diagramata di OTTA fan ND garantata	0	00 Nov. 47 A											ļļ.		A Evictin	da Hilitus	oblo dior		tod 9 TT	'A for NE	3 complete	
ADVZ20130	Existing Utility cable disconnected & TTA for NB complete	0	20-Nov-17 A	00.11 47.4												→ Exisui		able disc		eu a m		complete	
ADVZ20140	Site Clearance (for NB Along FH N/B)	23	24-Oct-17 A	20-Nov-17 A										ļ	- <u></u>		ļļ						ļļ
ADVZ20160	TTA for NB works	55	20-Apr-17 A	26-Jun-17 A																			
ADVZ20170	Zone 2 - Noise Barrier at FH N/B backfilling complete	0		11-Jun-19			-76							ļ 		ļ 	ļ	1			1 1	ise Barrier	1 1
ADVZ20210	Zone 2 - Noise Barrier at FH N/B structure work complete	0		31-Jan-19			15										31-				1 1	ier 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	◆ Zone	≱2 - No	ise Barrier	at FH N
	5880-6060)-FH N/B Side								+ +								<u> </u>	\perp	-		-		
Noise Barri NB001070	er Works NB43A - ID1-2 Pre-drilling	12	03-Jun-17 A	16-Jun-17 A							·					<u> </u>					-		
NB001080	NB43A- ID1-2 piling (0.19m -18no)-1 rigs (deleted)	0	22-Mar-18 A	22-Mar-18 A										<u> </u>		<u> </u>	ļ				-		
NB001090	NB43A - ID1-2 Sheet piling & Excavation	59	20-Apr-18 A	30-Jun-18 A							- 												
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																				
NB001110	NB43A - ID1-2 backfilling	65	15-Sep-18 A	03-Dec-18	22-Feb-19	07-Mar-19	76				- 					<u> </u>							
NB001120	NB43A - ID1-2 NB production	106	20-Sep-18 A	03-Jan-19	07-May-19		168										 				-		ļ
NB001130	NB43A - ID1-2 NB post & panel installation	5	04-Jan-19	09-Jan-19	21-Jun-19		136				- 						ļļ		; 				
NB01510	NB43A-1 (0-61.5m) - Sheet piling & Excavation	17	06-Nov-17 A	24-Nov-17 A	21 0011 10	20 0011 10	-										ļ						
NB01520	NB43A-1 - Footing & Wall Structure (bay1-6)	96	25-Nov-17 A	23-Mar-18 A										<u> </u>			<u> </u>						
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>							
NB01520	manhole) NB43A-1 - backfilling	14	17-Nov-18 A	03-Dec-18	22-Feb-19	07-Mar-19	76														ļļ		
	NB43A-1 - NB production				22-Feb-19	07-IVIAI-19	-							<u> </u>		<u> </u>							
NB01540	· ·	76	20-Jul-18 A	03-Oct-18 A	24 Jun 40	26 him 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 		ļ 							ļļ.
NB01570	NB43A-2 - Footing & Wall Structure (bay 7-14)	203	03-Apr-18 A	04-Dec-18	21-Dec-18		27		_		ļ										1		
NB01575	NB43A-2 (86.8-166.7m) - Drainage Works	60	08-Oct-18 A	17-Dec-18	08-Dec-18		16				ļļ			ļļ.		<u> </u>	ļļ				ļļ		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		16				ļ												
NB01580	NB43A-2 - backfilling	12	12-Jan-19	25-Jan-19	22-Feb-19		33										ļļ		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		1	
																			— ₁₋₂ -				
Remaining Lev	_ ·					Contract No	o. HY	//2012	2/06								Date Nov-16	Revision WP Rev		ecked		Approved	
Actual Work	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				
Remaining Wo Critical Remain	Data Date: 20-Nov-18					Works Progran	nme	- WP	Rev. 7								Mar-18 N Dec-18			-+			
			i														- 1	•	1				1

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Page 12 of 48

NP Rev 07							W	/P rev 7											Page	13 of 48 (3	3-Dec-18
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13		2014		015		16	2017		2018		2019	202	
NB01600	NB43A-2 - NB post & panel installa	tion	5	19-Feb-19	23-Feb-19	21-Jun-19	26-Jun-19	99	<mark>\$ 2 1</mark>	F A JJASC	<mark>1 J </mark>	<u>JUAS N</u>	JIT A I	INASO I INF		N JH A	111142	IDIJIFI IAL		DIJIFI IN I	<u>JIJIAISI</u>
NB03330	Bus Shelter footing at NB43A - VO8	6	30	05-Dec-18	11-Jan-19	16-Jan-19	21-Feb-19	33													
NB03340	Relocate Bus Shelter installation - \	/086	30	12-Jan-19	18-Feb-19	16-May-19	20-Jun-19	99				1									1
NB50 (Ch.60	060-6130)-FH N/B Side																				
Noise Barr	ier Works NB50 -Pre-drilling		12	03-Jun-17 A	16-Jun-17 A																
NB001140 NB001150	NB50 -piling (0.19m -28no)		12 89		20-Aug-18 A				-												
NB001160	NB50 -Sheet piling & Excavation		15	20-Oct-18 A	06-Nov-18 A																
NB001100	NB50 -Footing & Wall Structure		26	07-Nov-18 A	06-Nov-18 A	28-Dec-18	15-Jan-19	31													
NB001170	NB50 - Drainage Works		24	27-Dec-18	24-Jan-19	16-Jan-19	14-Feb-19	16										- <u> </u>			
NB001173	NB50 - backfilling		12	01-Feb-19	16-Feb-19	22-Feb-19	07-Mar-19	16													
NB001190	NB50 -NB production		45	07-Dec-18	20-Jan-19	07-May-19	20-Jun-19	151													
NB001130	NB50 -NB post & panel installation		5	18-Feb-19	22-Feb-19	21-Jun-19	26-Jun-19	100				ļ						-T			
NB17571	NB50 - Drainage Works (VO on 14-	.6-18 - add 1 manhole)	6	25-Jan-19	31-Jan-19	15-Feb-19	21-Feb-19	16													
	<u> </u>	o to add t mannole)	· ·	20 0011 10	31 Juli 13	10 1 00 13	2110010	10										•			
Noise Barr	6130-6450)-FH N/B Side																				
NB001210	NB50A - ID2-2 Pre-drilling		3	15-Jun-17 A	17-Jun-17 A										1						
NB001220	NB50A - ID2-2 piling (0.19m -18no)		76	17-Jul-18 A	15-Oct-18 A																
NB001230	NB50A - ID2-2 Sheet piling & Excav	ation	19	29-Oct-18 A	19-Nov-18 A				-												
NB001240	NB50A - ID2-2 Footing & Wall Struc	ture	50	20-Nov-18 A	19-Jan-19	20-Aug-18	19-Oct-18	-76													
NB001245	NB50A - ID2-2 Drainage Works		18	21-Jan-19	12-Feb-19	20-Oct-18	09-Nov-18	-76										-			
NB001250	NB50A - ID2-2 backfilling		12	13-Feb-19	26-Feb-19	22-Feb-19	07-Mar-19	8													
NB001260	NB50A - ID2-2 NB production		45	19-Jan-19	05-Mar-19	07-May-19	20-Jun-19	107										_			
NB001270	NB50A - ID2-2 NB post & panel inst	allation	5	05-Mar-19	11-Mar-19	21-Jun-19	26-Jun-19	86										0			
NB01604	NB50A (0-108m)(NB50A/1-11) Pre	-drilling	26	01-Jun-17 A	30-Jun-17 A																
NB01606	NB50A (0-108m)(NB50A/1-11, 0.19		114	31-May-18 A	15-Oct-18 A																
NB01610	NB50A (0-108m) - Sheet piling & Ex	cavation	24	29-Oct-18 A	24-Nov-18	20-Nov-18	24-Nov-18	0													
NB01620	NB50A(0-108m) - Footing & Wall S	tructure	55	26-Nov-18	31-Jan-19	26-Nov-18	31-Jan-19	0													
NB01625	NB50A (0-108m) - Drainage Works		24	09-May-19	05-Jun-19	01-Feb-19	02-Mar-19	-76										1	•		
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										1			
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 installa		5	12-Jun-19	17-Jun-19	21-Jun-19	26-Jun-19	8											1		
NB01654	NB50A (132-228m)(NB50A/12-20)	-	20	20-Feb-18 A	14-Mar-18 A																
NB01656	NB50A (132-228m)(NB50A/12-S2, Piling (S3)		114	31-May-18 A	15-Oct-18 A																
NB01660	NB50A (132-228m) - Sheet piling &		24	29-Oct-18 A	24-Nov-18	29-Aug-18	03-Sep-18	-68				ļļ.									
NB01670	NB50A (132-228m) - Footing & Wa		55	26-Nov-18	31-Jan-19	04-Sep-18	09-Nov-18	-68													
NB01675	NB50A (132-228m) - Drainage Wormanholes)	`	12	13-Feb-19	26-Feb-19	10-Nov-18	23-Nov-18	-76				ļ						<u></u> -		.	
NB01676	NB50A (132-228m) - Drainage Wor	ks (VO on 14-6-18 - add 7 special	56	27-Feb-19	08-May-19	24-Nov-18	31-Jan-19	-76				ļ									
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 installa		5	16-May-19	21-May-19	21-Jun-19	26-Jun-19	30						<u> </u>							
NB01704	NB50A (228-309m)(NB50A/21-27)	& ADS1 Pre-drilling	26	15-Jun-16 A	15-Jul-16 A																
Remaining Le		File:WP Rev 07					Contrac	t No. HY/2	2012/06	5						Dat			cked	Approved	t
Actual Level of Actual Work	of Effort Layout:	WP rev 7			Widen	ing of Fanli	ng Highway	- Tai Hand	a to W	o Hon Shel	(Interchai	nae				07-Nov					
Remaining Wo	IData D	ate:20-Nov-18				- J - 2 W.III	Works Prog		_	-		9 -				29-Mai	r-18 WP F	Rev 6			
♦ Milestone	Page 1	3 of 48					WOIKS PIO	grannie - V	vvr ke	v. /				-j-		U3-Dec	c-18 WP F	rev /			

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 (000 000) (ND504 (04 05 040 40 10 AD04		00 1 10 1	40 1 1 40 1			Tioat	IN JEN			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						-		ļ			
Ш		` , , , , , , , , , , , , , , , , , , ,		·	·		•									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														
Ш	NB01780	NB60-1 (15-63m) - Sheet piling & Excavation	12	20-Sep-18 A	05-Oct-18 A											<u> </u>			
Ш	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											
Ш	NB01796	NB60-1 (15-108m) - Drainage Works (VO on 14-6-18 & 16-10-18 - add			·	23-Jan-19	21-Feb-19	-72								ļļ			
Ш		4 manholes)		23-Apr-19	22-May-19											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									7		
Ш	NB01820	NB60-1 - NB post & panel installation	5	05-Jun-19	12-Jun-19	21-Jun-19	26-Jun-19	13										1	
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														
Ш	NB01850	NB60-2 (63-174m) - Sheet piling & Excavation	75	20-Apr-18 A	20-Jul-18 A											-			
	NB01860	NB60-2 - Footing & Wall Structure	156	27-Apr-18 A	02-Nov-18 A														
Ш	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								 			
	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>			1		
	NB01900	NB60 ID3-2 (174-192m), 18nos Pre-drilling	26	15-Jun-17 A	15-Jul-17 A											ļļ			
Ш	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							-	· 	 		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	Effort Layout: WP rev 7			\A/! -I =	na of Facel				lan Okal	lm4===!				07-Nov-1				
	Actual Work Remaining Wor	rk			widen	ing of Fanlin	y mignway	y - Tal Ha	ing to wo h	op Snek	interch	ange		L'I 'L	17-Aug-1 29-Mar-1				
	Critical Remain	Data Date:20-Nov-18				1	Works Pro	gramme	- WP Rev.	7					03-Dec-1				

Crit. Milestone

Page 14 of 48

WP Rev 07							W	P rev 7														Page '	15 of 48 ((3-Dec-18)
Activity ID	Activity Name		Original	Start	Finish	Late Start	Late Finish	Total			4.4		0045		0040		0047		0040		200	10		200
			Duration					Float 13	I CISIAL	20 기키 시 기		JIFI 14	2015 	INI JIFI I	2016 A JJA	SO I JIFI	2017 	SIN JIF	2018 	SI DJE	20 ⁻ A J			020]] A S
NB01950	NB60-ID3-2 - NB production	n	45	20-Nov-18	03-Jan-19	07-May-19	20-Jun-19	168													-			
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	7-25) Pre-drilling	25	03-Jul-17 A	31-Jul-17 A												-							
NB01980	NB60 (192-300m)(NB60/16	6-25, 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																	1		1			+	
Undergrou 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			-										-						
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																				+ +		+ +	-
General	ig i coloriago																							
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						_													
THBF0335	Structure steel Shop drawing	g approval (THFB)	423	04-Dec-14 A	23-May-16 A						I													
THBF0340	Structure steel procuremen	t (THFB)	303	22-Sep-15 A	20-Jul-16 A								ļ											
THBF0350	Steel Staircase & Ramp pre	fabrication (THFB-TWSR-W side)	122	20-Jul-16 A	12-Dec-16 A											:								
THBF0360	Steel Staircase & Ramp ava	ailable on site (THFB-TWSR-W side)	0	12-Dec-16 A												♦ Ste	el Staircase	& Ramp a	vailable on s	ite (THFB-	TWSR-V	V sidė)		
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 & Br	dge availa	ble on s	ite (THFB-	TWSR-E	side)
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												◆ Ste	el Bridge av	ailable on	site (THFB)					
THBF0655	Tai Hang Footbridge Comp	ete	0		04-May-19		26-Jun-19	44												04-May-	.9 ♦ Ta	ai Hang Foo	otbridge C	omplete
THBF0665	Diversion of existing pedes	trian from existing to proposed footbrdige	1	03-Feb-18 A	03-Feb-18 A																			
	st/ FL Highway N/B S	Side Section		10.1.111	441.440																			
THBF0110	THP5 - Predrilling		3	12-Jun-14 A	14-Jun-14 A							<u>. </u>												
THBF0120	THP5 - Pre-bored H pile (8	nos) 	63	13-Nov-14 A	28-Jan-15 A							Τ												
THBF0130	THP5 - Pile Test	:11d	28	20-Apr-15 A	17-May-15 A											<u> </u>		-		·}				
THBF0140	THP5 - Pile cap, Pier and P	ier nead	307	31-Oct-15 A	17-Nov-16 A 17-Jun-14 A																			
THBF0150	THP8, THP9, - Predrilling	-: !!- (0)	8	09-Jun-14 A								<u></u> -												
THBF0160	THP8, THP9 - Pre-bored H	pile (8 nos)	105	08-Nov-14 A	21-Mar-15 A								_											
THBF0170	THP8, THP9 - Pile Test	rand Diar Lland	28	20-Apr-15 A 13-Jul-15 A	17-May-15 A 11-Nov-16 A																			
THBF0180	THP8, THP9 - Pile cap, Pie	and Plei nead	394															-		·}				
THBF0190	THAB3 - Predrilling		3	09-Jun-14 A	11-Jun-14 A					1							i i							
	1	D. C. C. C. L. M.D. D. C. C.		T						'					<u> </u>				Dot-	Daviel : :	ICI	-dl	Λ	- d
Remaining Level of		Project File:WP Rev 07					Contrac	t No. HY	/2012	U6								07	Date '-Nov-16 V	Revision /P Rev 4	Спеск	ju	Approve	<u>u</u>
Actual Level of Actual Work		Layout: WP rev 7			Widen	ing of Fanlir	ng Highway	- Tai Ha	na to	Wo Hon	Shek I	nterci	hange						'-Aug-17 V			+		
Remaining Wo	ork	Data Data 20 Nov. 19			TTIGOTI	5	.ggway	· ai i ia	9 .0	op	J.IOR I		90						9-Mar-18 V			+		
Critical Remain	ning Work	Data Date:20-Nov-18					Works Prog	gramme	- WP I	Rev. 7						10-10			B-Dec-18 V					

Crit. Milestone

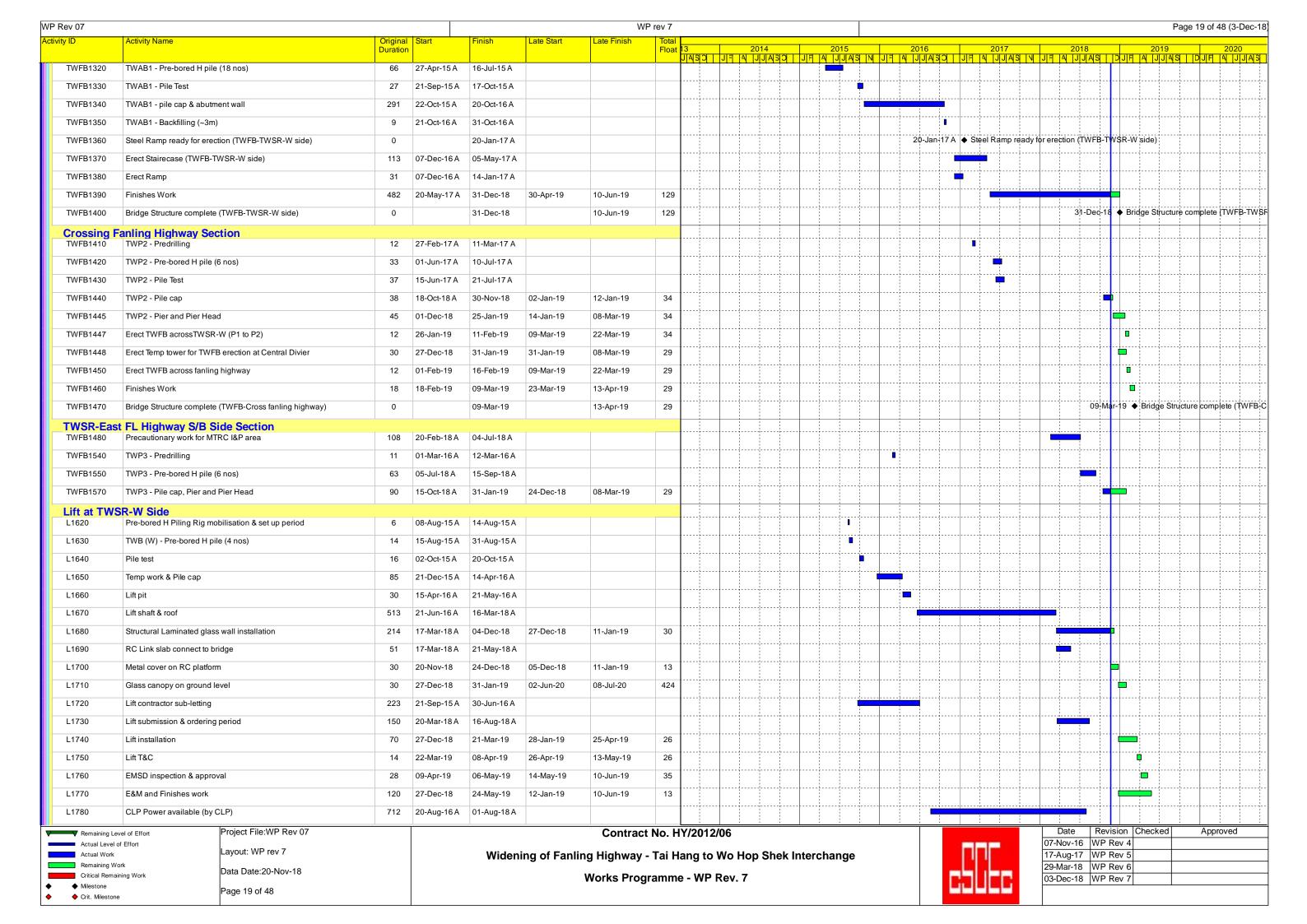
Page 15 of 48

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						 												
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					- -	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				-		+				1		
THBF0625	Bridge Structure complete	(THFB-TWSR-W side)	0		05-Dec-18		26-Jun-19	163			<u> </u>							05-Dec	-18 ♦ 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	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						 							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										 								
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						 							 					
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
Dame : : :	aval of Effort	Project File:WP Rev 07		I			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		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																			
Шг	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												
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 ♦ 1 H FB	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									[<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					Works Prog	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	LEPIT	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 ♦ 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								‡					ı						
	anling Highway Sec																							
Z2.THF.1090	Erect Temp platform for brid	dge demolition	22	18-Dec-17 A	15-Jan-18 A													†						
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						 							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														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													 	+ +	$\stackrel{\vdash}{-}$	+	
TWFB1130	st/ FL Highway N/B : TWP1 - Predrilling	Side Section	4	02-Aug-14 A	06-Aug-14 A						1													
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)		
TWFB1270	TWP4, TWP5 - Predrilling		8	21-Jun-14 A	30-Jun-14 A									†										
TWFB1280	TWP4, TWP5 - Pre-bored I	H pile (14 nos)	71	11-May-15 A	04-Aug-15 A									 										
TWFB1290	TWP4, TWP5 - Pile Test		40	05-Oct-15 A	13-Nov-15 A									-									-	
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>	+												
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			+		
♠ Milestone♠ Crit Milestone		Page 18 of 48					3		- -										- 1-1-					



WP Rev 07							W	P rev 7													Pag ^r	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	$\overline{}$	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											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	e					
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		 						•						
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				 								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					 														
	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																		
	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																		
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			 												
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					

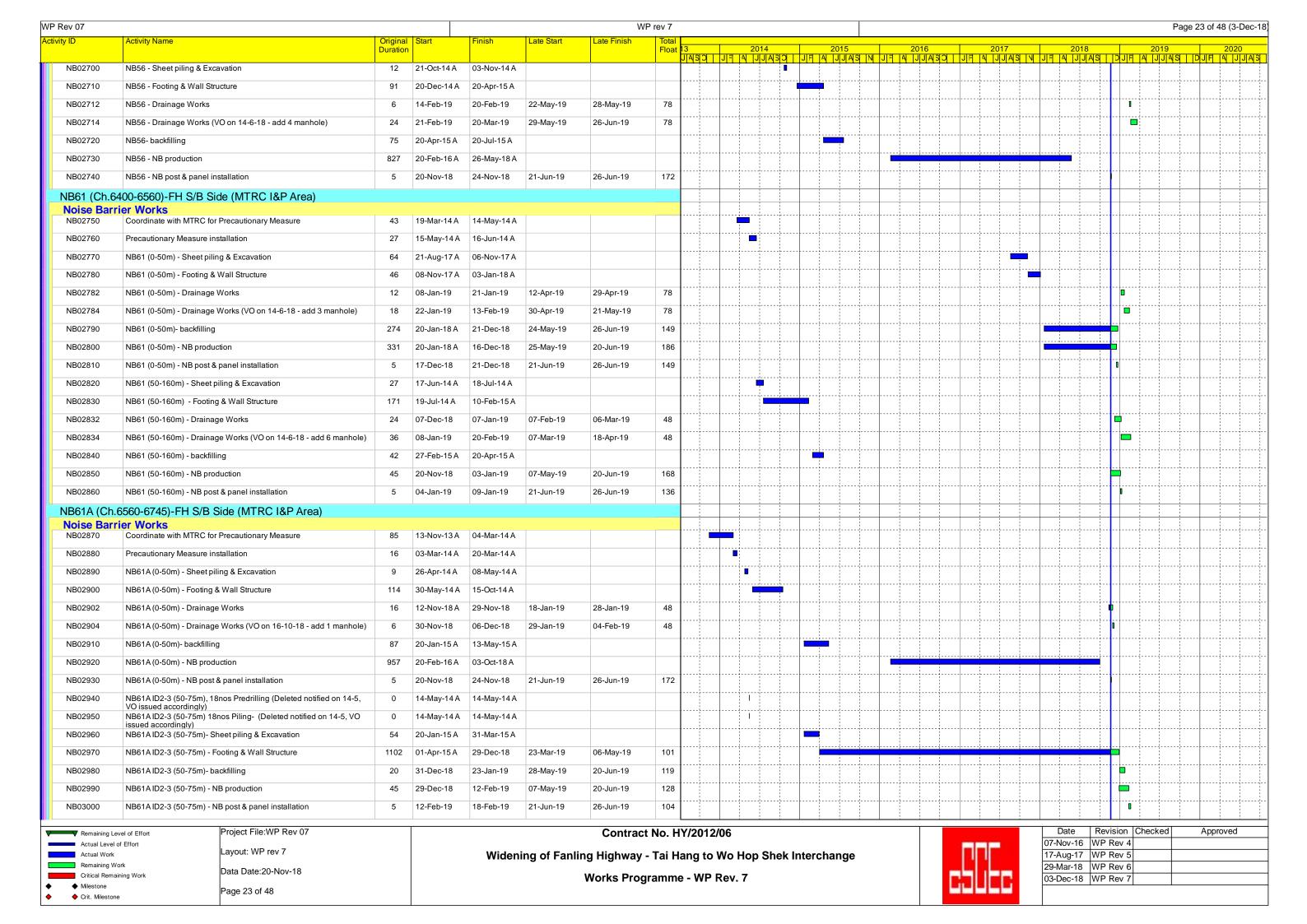
W	P Rev 07							W	P rev 7												Page 2	1 of 48 (3	-Dec-18)
Ac	ctivity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13 	2014		2015	2016 [A] [J][A]		2017 4 J J A S		2018 [A] [J][A]S		20 JIE JA J.	019 . A S D	202 JIF [A] [
П	THBF0660	Installation of Traffic Signal	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 ◆	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			1				
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 ♦ 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>					 	
	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. ' <u>į</u>					 					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											<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	706							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 Prog	_J ramme	e - WP	Rev. 7							Dec-18 W					

Milestone

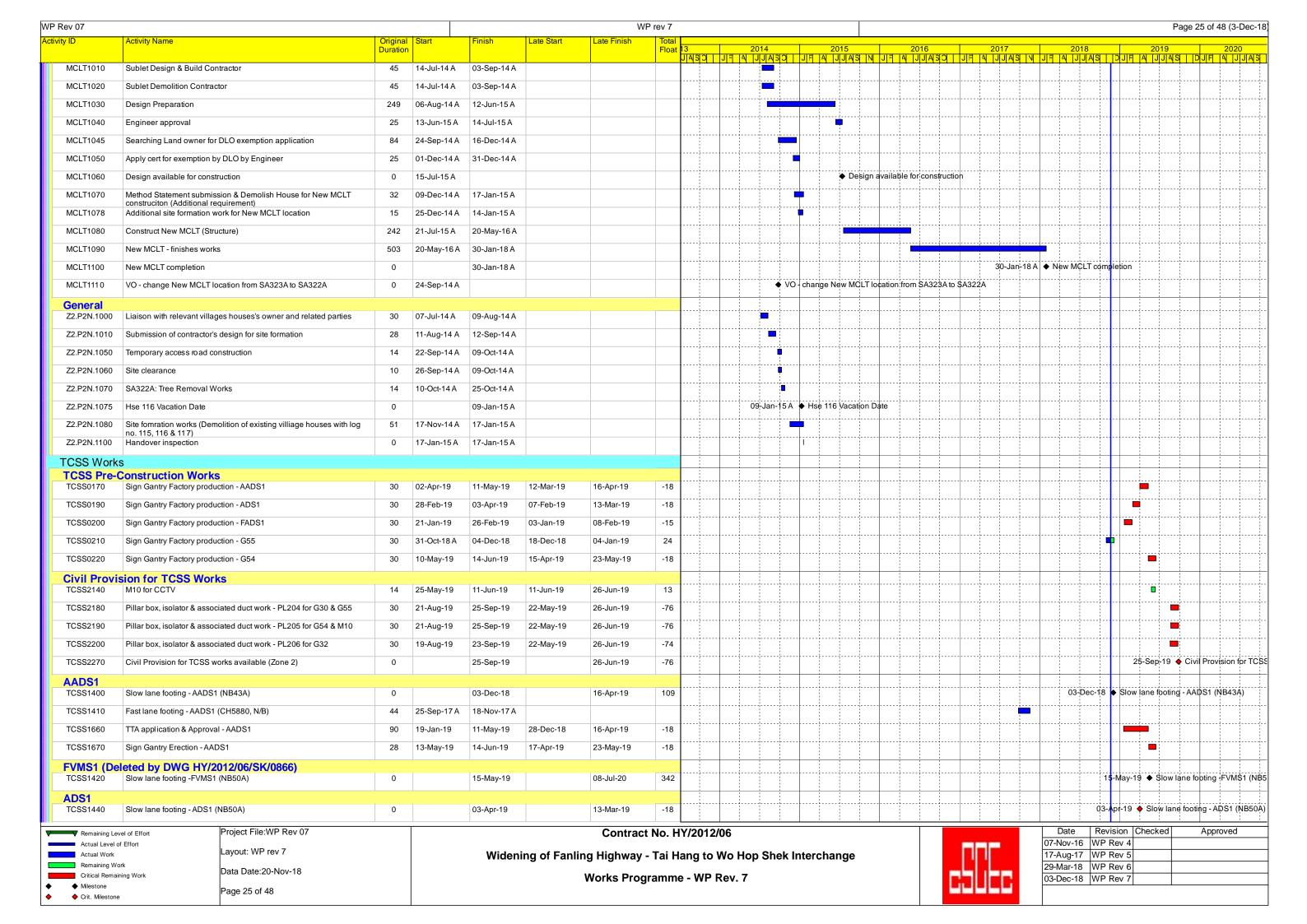
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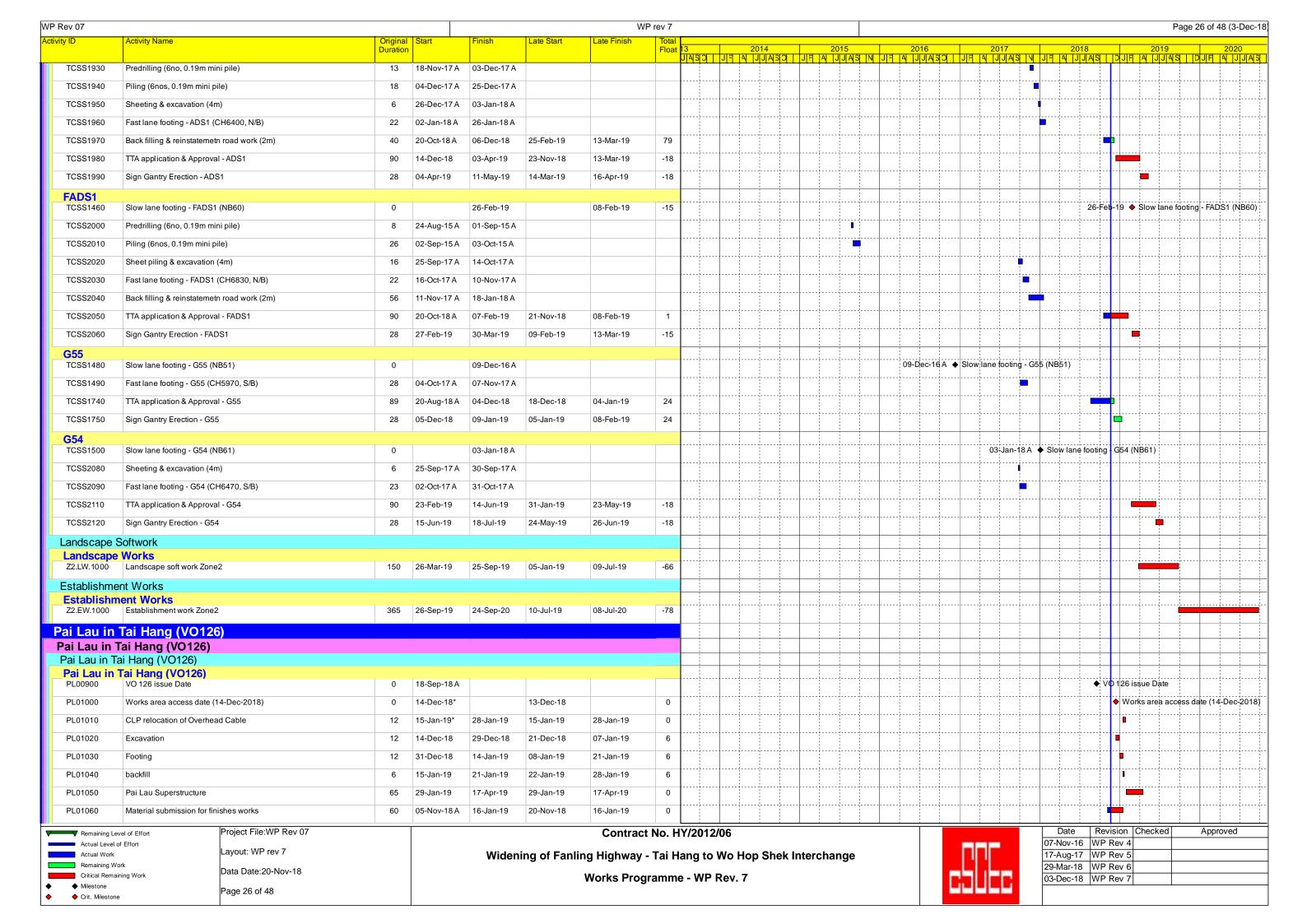
Page 21 of 48

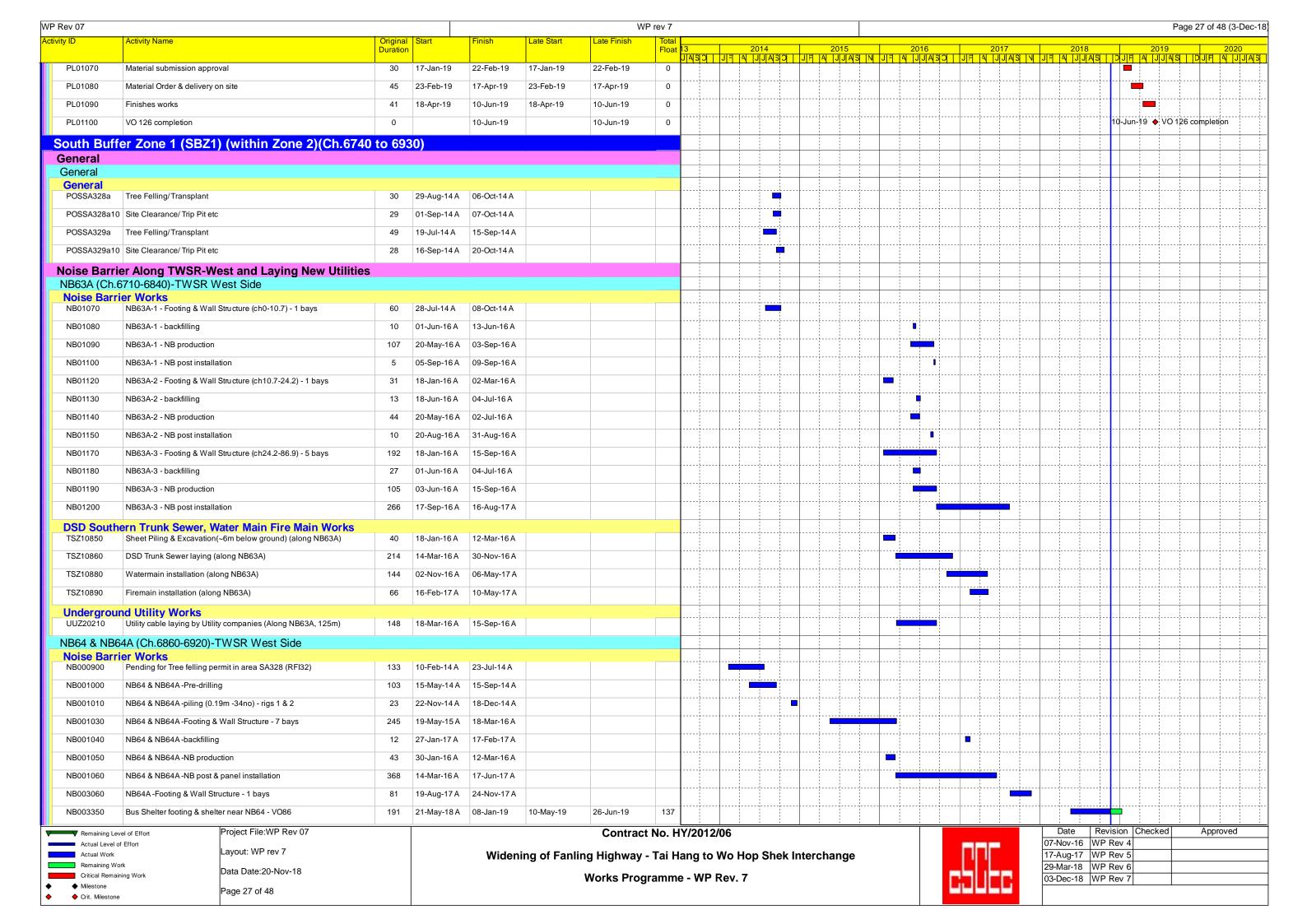
WP Rev 07						WF	P rev 7									Page	22 of 48 ((3-Dec-18)
Activity ID	Activity Name	Origin: Duratio	al Start	Finish	Late Start	Late Finish	Total Float	13	2014	2015		2016	2017	2	018	2019	20	020
NB02370	NB52 - Sheet piling & Excava	tion 177	04-Nov-16 A	17-Jun-17 A				JEBPI :			<u> N J = A</u> 			N JF 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				 							-			
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									p		
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											
	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/	706					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				- · · · · · · · · · · · ·						l l						



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														
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									 		·
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\ · F 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														<u> </u>
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			-											 -
	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		







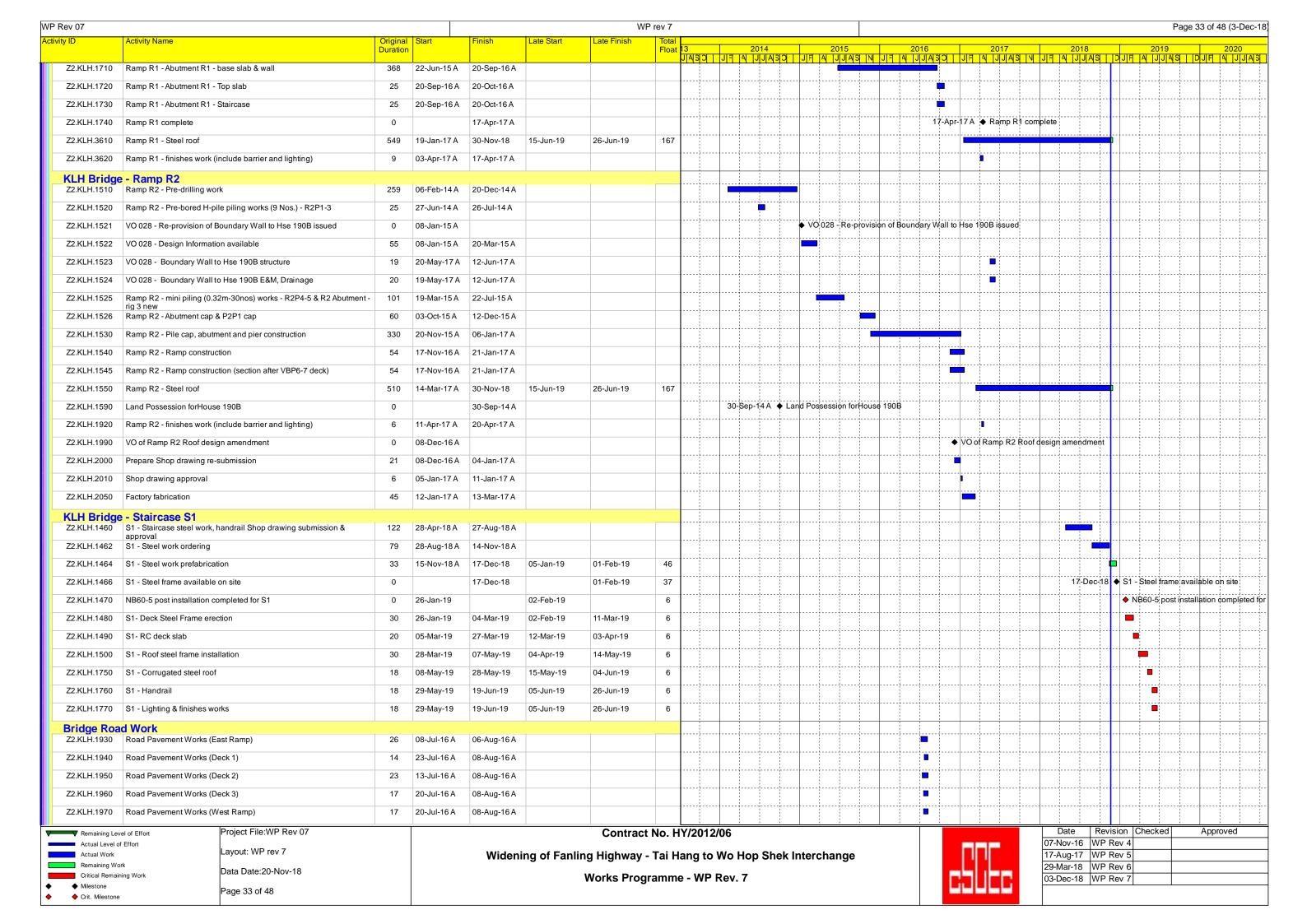
WP Rev 07						WP	rev 7														Pa	ge 28 of 48	(3-Dec-18
Activity ID	Activity Name	Original Duration	Start	Finish	Late Start	Late Finish	Total Float	13	2014 F A J J A S		2(F A .	015 JIJIAS	IN JIF I	2016 A JJJA	ISIO I JIF	2017 [4 J J A S	TNI JIFI	20 ⁻	18 JIAS I	TDJF	2019 [A] [J] [A]S		2020
	nern 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														الل		<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													│			
	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							· 				ļl	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				
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				· 			· 						Ħ			
Bridge Cor		_					1																
Kau Lung H General	ang Vehicular Bridge									+							_	-		+			
General									<u>; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; </u>		<u> i </u>	<u>; ; ; </u>	;	<u> </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	WP 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 LICERIU	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		14 Tololida		1 10101/10	11201	1 14 101014011	
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-167	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	² 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-	Tunos)	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										 	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							
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											 					
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										1	THE REAL PROPERTY.	10 TO 10 TO	. 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													
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	-			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						 				
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																	
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													 				
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.													
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				Contract No. HY/2012/06											- 6	07-Nov-1	6 WP F	Rev 4	JONGU		
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					
♦ Milestone♦ Crit. Miles	one	Page 30 of 48													-1-1-1				1			

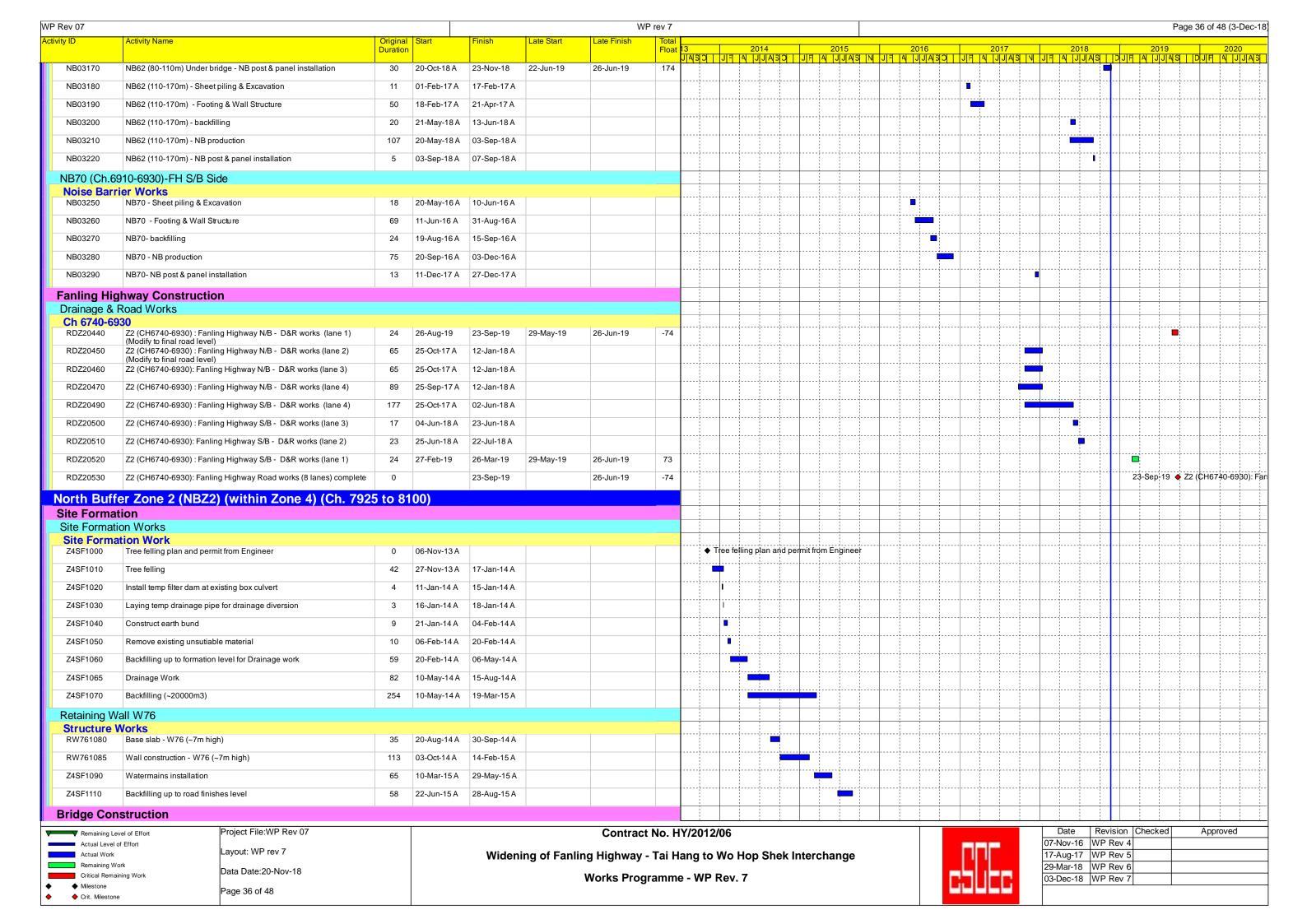
WP Rev 07							WF	P rev 7														Page	31 of 48 (3-Dec-18
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13		201	4)15		2016		2017		201			2019		020
KLH.3190	Beam Erections P4 to P5 (1-3nos)	1	26-Jan-16 A	26-Jan-16 A			JA		<u> </u>	JASO I	JIH A L	I <mark>J[A[S] [N</mark>	1 1	<u> </u>	ASO IJE	A JJA	<u>3 N J F</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							- 			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											♦ 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								 	-										
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							·									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		♦ 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								 - -											
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					
MilestoneCrit. Milestone		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			ļ							-										
	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			
	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												•					-			
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						—														
	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						 														
	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			-																 .	
	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											_		 	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																			 	
										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			Contract No. HY/2012/06 Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange														Nov-16 Aug-17			+			_
	Remaining Wor		Data Date:20-Nov-18			-	_	Works Progr		_	_	-		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>				_
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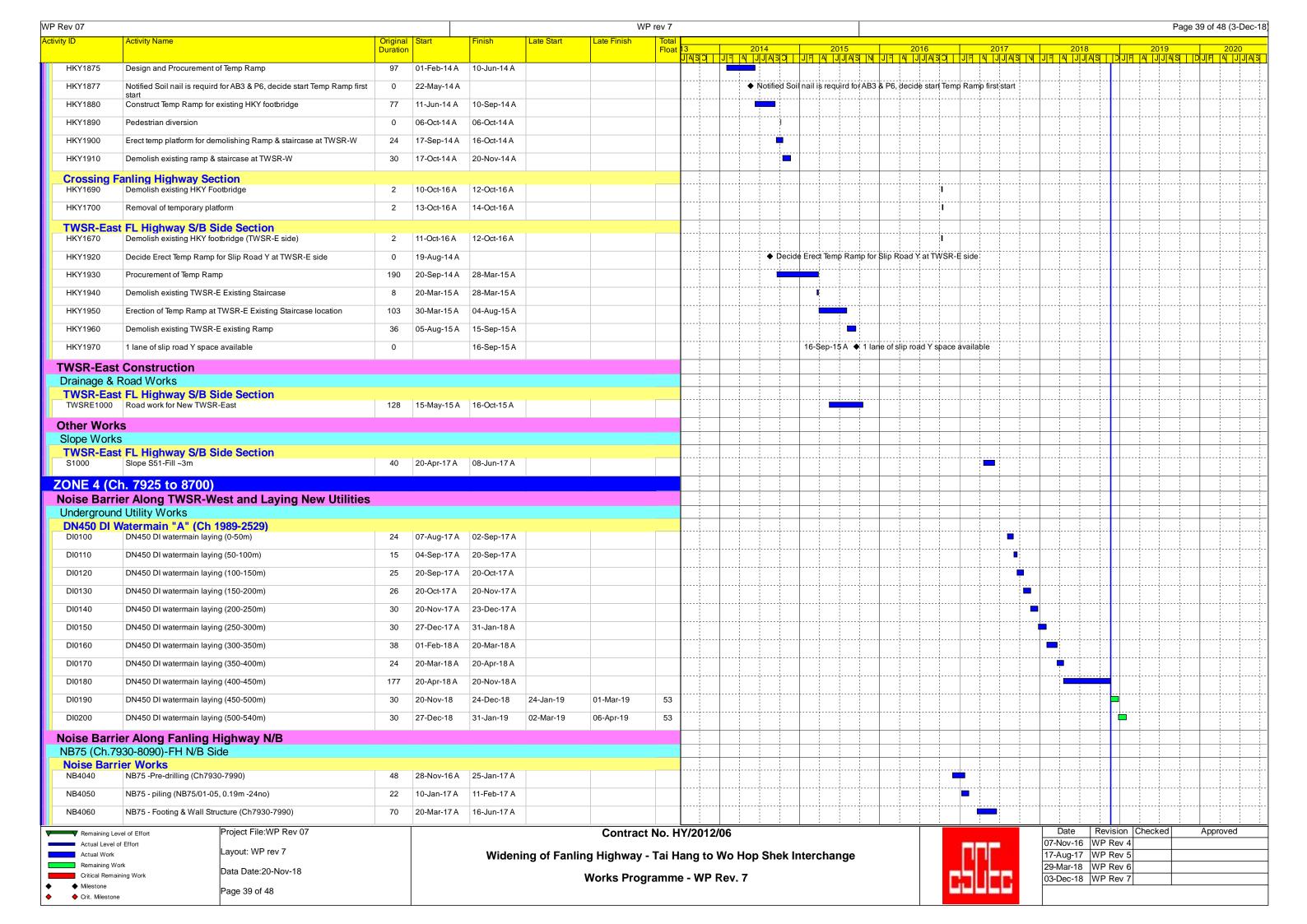
WP	Rev 07							WI	P rev 7											Р	age 34 of 48	8 (3-Dec-18
Activ	vity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13	3	201	14	2	2015 2016		2017	2018			2019		2020
	70.1/1.1.4000	101110				20.4.40.4			J			JASO	JF A	JJAS N JF A JJA	SO JE	A JJAS	N JF A JJ		J[F 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										-			
	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 mar 10	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														
	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			
•	 Crit. Milestone 		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															
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				



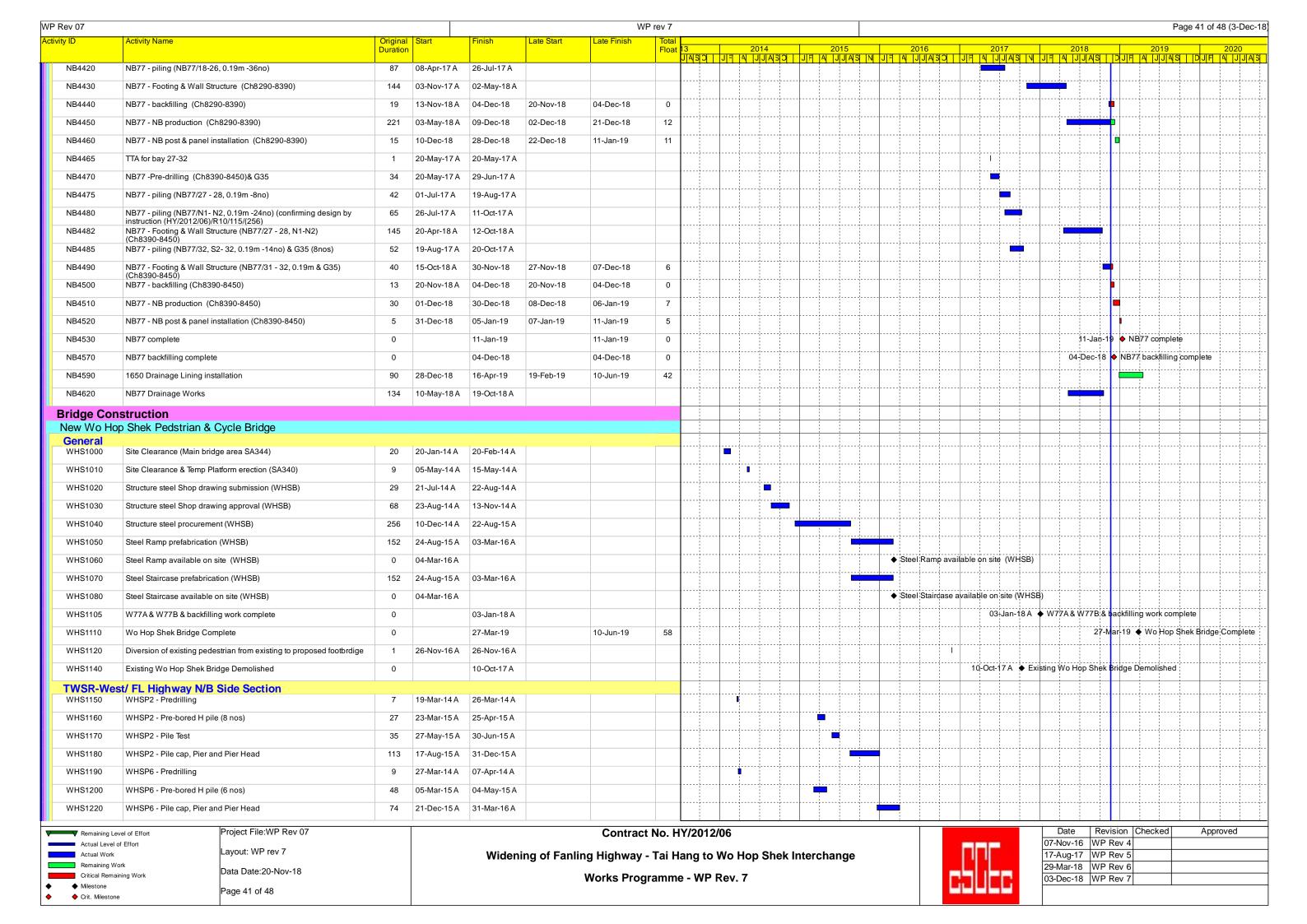
WP Rev 07							WF	P rev 7														Pa	ge 37 of 48	8 (3-Dec-18
Activity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13		2014			2015		2016		2017		2018			019		2020
New Ho Ka	Yuen Footbridge							JAS		F A JJ	ASO	JF A	JJAS	N JF	A JJA		A JJAS	V JF			- <mark> A 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>						:	 			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				 						_			 	}	.}				
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							-			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												•	 	 					
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													 						
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									-				<u> </u>	 			 		
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										<u> </u>			 	 					
HKY1314	TTA Closure for Ching Ming	Festival	32	20-Mar-15 A	20-Apr-15 A							ļ -						ļ				 		
HKY1315	Sheet piling for HKYAB4		18	20-Apr-15 A	11-May-15 A							-												
HKY1320	HKYAB4 - Predrilling		3	·	17-Feb-15 A													<u> </u>	 			 -		
HKY1330	HKYAB4 - Pre-bored H pile (16 nos)	55	12-May-15 A								ļ <u>-</u>										 -		
	·	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		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)		 		
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 g 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								-					. 					
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						-							 			 		
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			 		
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																		
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					

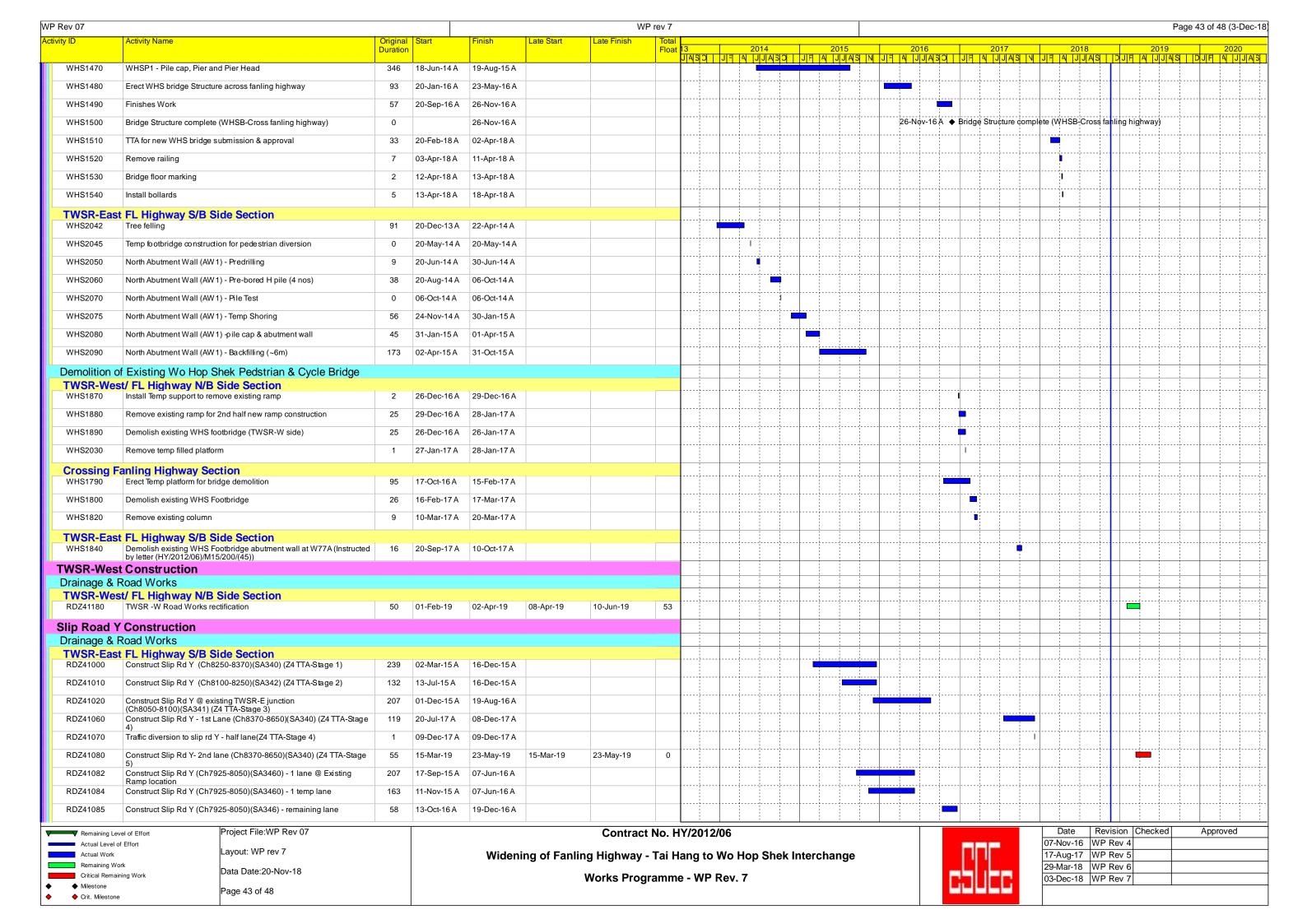


WP	Rev 07							WF	P rev 7											Page 40 of	48 (3-Dec-18)
Acti	vity ID	Activity Name		Original Duration	Start	Finish	Late Start	Late Finish	Total Float 13		2014		2015	20	16	2017	2018		2019)	2020
Ш	NB4070	NB75 - backfilling (Ch7930	0-7990)	27	21-Aug-17 A	20-Sep-17 A			JE		1-1 1 1 1	AISIO		J - A J	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							 								
	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 ♦	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						· 					+	·			
	NB77 (Ch.80	090-8450)-FH N/B Sid	de																		
	Noise Barri		and the state of t	0	26-Nov-16 A										Δ 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>					
	NB4310	NB77 - Footing & Wall Stru		399	20-Jul-17 A	20-Nov-18 A															
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															
	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. /				الارتا		03-Dec-18	IMA KE	v /		

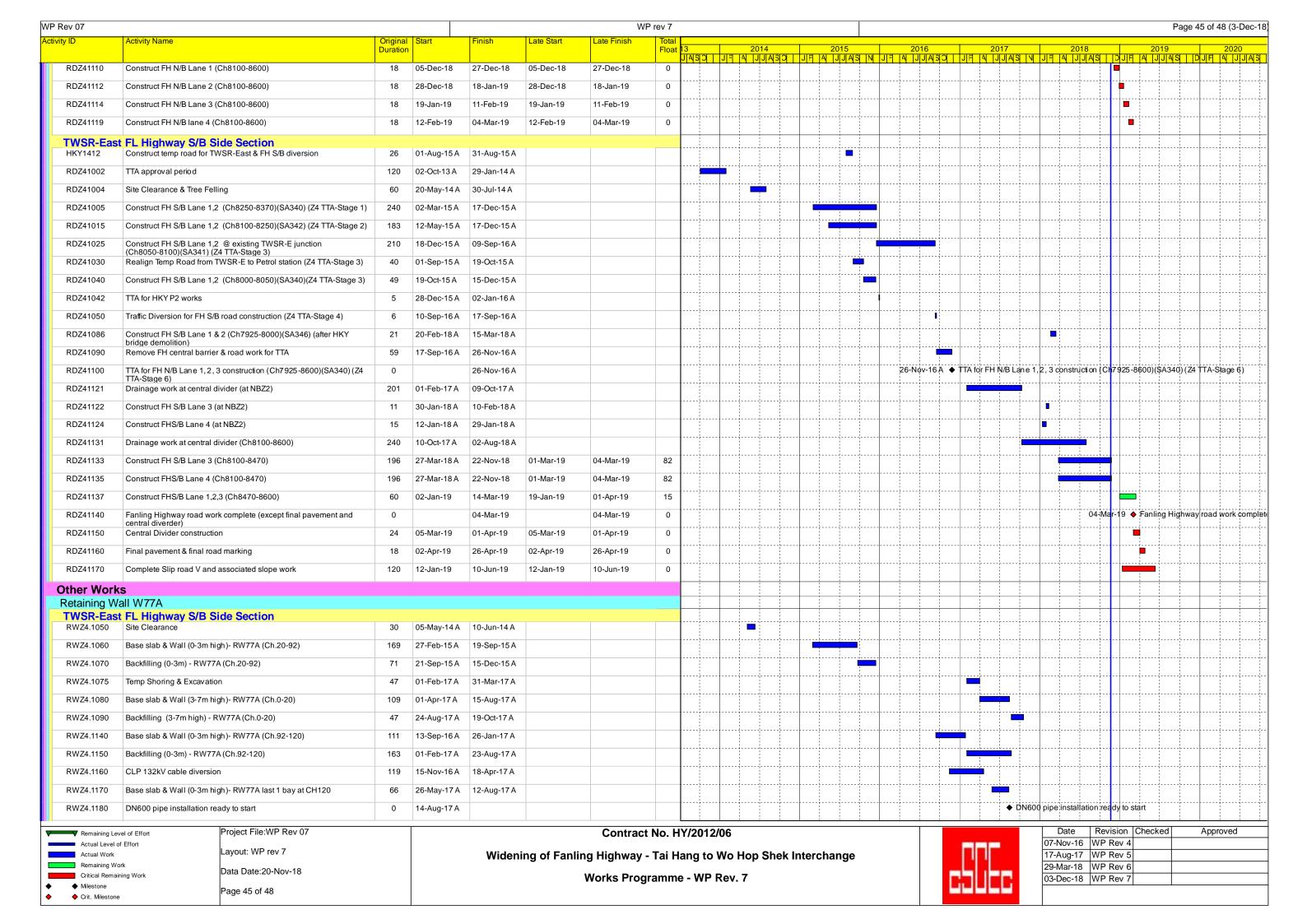
Page 40 of 48



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	e (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										 										
WHS126			56	20-Jul-18 A	22-Sep-18 A				 -						·}					-		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										 			ļ		 -					
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	ANUIC 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>	ļļ			
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	J											27-	var-19 ◀	Bridge	Structure	complete (W	HS
WHS189			6	11-Mar-14 A	17-Mar-14 A								<u></u>		ļļ					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))
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 t				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					-	•	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				 			·											
DN1000	TTA-Stage 1) (W76A bay 3	o 7) laying (Ch8250-8370)(SA340) (near Z4	26	29-Nov-14 A					 			ļ	}		}			· 					-
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>		ļ								-
	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				 			·}			 		-	i .					
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								 		 								† <u>-</u>
W76A1020	W76A construction (bay 9)		57	27-Jun-15 A	02-Sep-15 A				 			·}	<u></u>		} <u> </u>								-
W76A1024	Watermain installation		56	02-Mar-15 A	09-May-15 A				 			·	1					· 					
W76A1026	WSD installation for Caltex	(CS)	5	22-Jun-15 A	26-Jun-15 A								i :i					· 					
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						-	·						-	-				
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				 				ļ					14-Ju	-18A ◆ 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 JJJ 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																	1 1	
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															-
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					1 1					<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		$\overline{}$	
♦ Milestone • Crit Milestone	Page 46 of 48					3	,	-]					

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												
	TCSS2250	P52 & FL02 FL01 mounted on top of DS53	30	19-Mar-19	26-Apr-19	26-Mar-19	04-May-19	6			ļ							 		
	TCSS2260	FL02 mounted on top of ADS52	30	27-Apr-19	01-Jun-19	06-May-19	10-Jun-19	6												
	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												-			-
	TCSS1780	TTA application & Approval - G34 (Z4)	136	20-Jun-18 A	29-Nov-18	06-Dec-18	15-Dec-18	14			÷									·
	TCSS1790	Sign Gantry Erection - G34 (Z4)	28	13-Dec-18	17-Jan-19	17-Dec-18	21-Jan-19	3												
	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								-	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									-			
	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			-									
	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			-								<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	, ~			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											Committee of the Commit	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						 	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						 	
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			+				+	\sqcup	1	\vdash	1	Н	_	\perp			1	\perp		\perp	_														\perp						
	Setting out and UU detection		- (00%		04			+	Н				Ш	_	\perp		\sqcup	4	\perp			_	Ш		Ш		Ш									\perp						
2	Submit and obtain approval of temp wks		SEED STREET		Po	%	_	Н	+	Н	-			Н	_			\sqcup	_	Н		4	_	Н		Н		Н			Ш	\perp	Ш				\perp	Ш	Ш	\perp		\bot	
	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	%																Holidave	Tollidays			/					
10	Fabrication of NB and CW									П									and and							englaset	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 an			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		04		22 6	0 02	0040	
Cyc	P	ime	tor	ctand	arc	section	
CYUI		UIIIC	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	avs

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												
			Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20
Air Quality during Construction	Restricting heights from which materials are dropped, as far as practicable to minimize the fugitive dust arising from unloading/loading.	During construction	V	V	V	V	V	V	V	V	V	V	V	V
	All stockpiles of excavated materials or spoil of more than 50m³ shall be enclosed, covered or dampened during dry or windy conditions.		@	@	@	@	@	@	(9)	@	@	@	@	V
	Effective water sprays shall be used to control potential dust emission sources such as unpaved haul roads and active construction areas.		V	V	V	V	V	@	@	@	@	@	@	V
	All spraying of materials and surfaces shall avoid excessive water usage.		V	V	V	V	V	V	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	V

Noise - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status											
_		_	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20
Noise during Construction	Use of silenced plant or plant equipped with mufflers or dampers in substitute of ordinary plant.	During construction	٧	V	٧	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	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*	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*	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*	V*	V*	V*
	Environmental Permit).													
Noise during Operation	Various type of barriers of varying heights as shown in Figures 4a to 4e – Layout of Noise Barriers of the Environmental Permit	Review of required noise barrier layout during the design stage	@	V	V	V	V*	V*	V	V*	V*	V*	V*	V*

Impact	Mitigation Measures	Timing												
			Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20
Water quality during Construction	Demolition and reconstruction of bridges Prevent off-site migration through use of sheet piles. Minimise duration of works as far as practical. All sewer and drainage connections should be sealed to prevent debris, soil, sand, etc, from	During construction	V	V	V	V	V	V	V	V	V	V	V	V
	 entering public sewers/drains. 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 Wastewater generated from any concrete batching washdown of equipment or similar activities should be discharged into foul sewers, after the removal of settable solids, and pH adjustment as necessary. All sewage discharges from the study area should meet the TM standards and approval from EPD through the licensing process is required. Sand traps, oil interceptors and other pollution prevention installations should be provided, properly cleaned and maintained. Runoff from exposed working areas, unfinished slopes and from unlined temporary channels should be directed to stilling basins and/or silt traps before discharging to the drainage outfalls. Regular inspections of stilling basins and/or silt traps is required to ensure that sediment is not conveyed into the existing drainage system. Open stockpiles should be covered with a tarpaulin cover. During the wet season, any exposed top soils should be covered with a tarpaulin, shotcreted or hydroseeded. Sand and silt from wash-water from vehicle washing should be settled out before discharging into storm drains. Fuels should be stored in bunded areas such that spillage can be easily collected. 		V	V	V	V	@	@	V	V	V	V	V	V

Waste - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status											
		_	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20
Waste Management	General Waste	During construction	V	@	V	V	V	V	V	V	V	@	٧	@
during Construction	- 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
	Exodvated Materials		•	*	v	ľ		V	•	v	v	·	v	•
	- Segregation of materials to facilitate disposal / reuse.													
	Appropriate stockpile management.Re-use of excavated material on or off site (where possible).													
	- Special handling and disposal procedures in the event that contaminated materials are													
	excavated.													
	Construction Wastes		V	V	V	V	V	V	V	V	V	V	V	V
	 Segregation of materials to facilitate recycling/reuse (within designated area in appropriate containers/stockpiles). 													
	- Appropriate stockpile management.													

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

Ecology - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing Implementation Status Nov 19 Dec 19 Jan 20 Feb 20 Mar 20 Apr 20 May 20 Jun 20 Jul 20 Aug 20 Sep												
			Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20
	Accurate Delineation of Works Area		V	V	V	V	V	V	V	V	V	V	V	V
	 Boundaries of proposed works areas shall be clearly identified and separated from external areas by a physical barrier to prevent encroachment of adjacent habitats. Individual trees which fall within the works areas but which work plans do not require removal are 													
	to be retained and fenced off to maximize protection.													
	Vegetation Clearance		V	V	V	V	V	V	V	V	V	V	V	V
	 No fires shall be lit within the works area for the purpose of burning cleared vegetation. The Contractor shall give consideration to mulching the cleared vegetation for recycling within the works area / adjacent land. 													
	Dust generation		V	V	V	V	V	V	V	V	V	V	V	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	V	V	V	V	V	V	V	V	V
	In general, mitigation measures shall be in accordance with ProPECC PN1/94 on 'Construction Site Drainage'. Key measures include:													
	 Bund and cover stock piles to avoid run-off; Channel any run-off through a system of oil, grease and sediment / silt traps and reuse water on site where ever practical; All vehicle maintenance to be undertaken within a bunded area; and Maximise vegetation retention on-site to maximise absorption (minimise transport). 													

Landscape and Visual Impact - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing												
_		_	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20
Landscape and Visual	Preservation of Existing Vegetation	During construction	V	V	V	V	V	V	V	V	V	V	V	V
during Construction	 Trees identified for retention within the project limit would be protected during the works; The tree transplanting and planting works shall be implemented by approved Landscape Contractors. 													
	Temporary Works Areas		V	V	V	V	V	V	V	V	V	V	V	V
	 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. 													
	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		#	#	#	#	#	#	#	#	#	#	#	#
	 The works will result in disturbance to extensive areas of topsoil. Topsoil worthy of retention should be stockpiled for use following completion of the civil engineering works. It should either be temporarily vegetated with hydroseeded grass or turned over on a regular basis. 													
	Protection of Important Landscape Features		#	#	#	#	V	V	V	V	V	V	V	V
	- Important features such as temples, Island House and kilns within the study area, although remote from the proposed works retained and adequately protected.													

Legend:

V = implemented;

x = not implemented;

@ = partially implemented;

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

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

= to be implemented.

APPENDIX D SUMMARY OF ACTION AND LIMIT LEVELS

Appendix D - Summary of Action and Limit Levels

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

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

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

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

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

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

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

APPENDIX E
IMPACT AIR QUALITY MONITORING
RESULTS AND THEIR GRAPHICAL
PRESENTATION

Impact Air Quality Monitoring Results

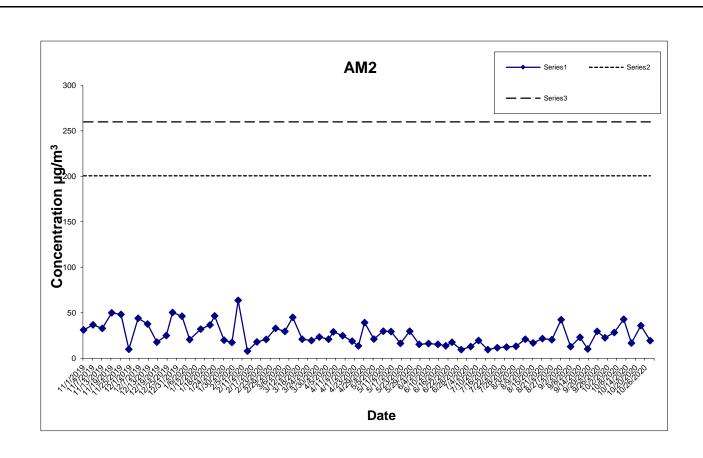
24-hour TSP Monitoring Results at Station AM2 (Fanling Government Secondary School)

Date	Weather	Air	Atmospheric	Flow Rate	e (m³/min.)	Av. flow	Total vol.	Filtor M	/eight (g)	Particulate	Flore	e Time	Sampling	Conc.	Actino Level	Limit Level
Date	Condition		Pressure(hPa	Initial	Final	(m³/min)	(m³)	Initial	Final	weight(g)	Initial	Final	Time(hrs.)	(µg/m³)	(µg/m³)	(µg/m³)
1-Nov-19	Sunny	25.7	1015.7	1.314	1,314	1.314	1892.2	2.6580	2.7168	0.0588	12606.02	12630.02	24.00	31.1	200.7	260
7-Nov-19	Sunny	23.8	1013.7	1.314	1.314	1.314	1892.2	2.6445	2.7139	0.0694	12630.02	12654.02	24.00	36.7	200.7	260
13-Nov-19	Sunny	24.1	1013.7	1.314	1.314	1.314	1892.2	2.6317	2.6939	0.0622	12654.02	12678.02	24.00	32.9	200.7	260
19-Nov-19	Sunny	24.1	1015.7	1.314	1.314	1.314	1892.2	2.6401	2.7348	0.0022	12678.02	12070.02	24.00	50.0	200.7	260
25-Nov-19	Sunny	23.8	1015.7	1.314	1.314	1.314	1892.2	2.6327	2.7346	0.0947	12676.02	12631.02	24.00	48.2	200.7	260
30-Nov-19	Sunny	20.4	1019.6	1.314	1.314	1.314	1892.2	2.6327	2.6662	0.0912	12702.02	12726.02	24.00	9.8	200.7	260
6-Dec-19	Sunny	16.5	1020.4	1.331	1.331	1.331	1916.6	2.6357	2.7198	0.0180	12750.02	12774.02	24.00	43.9	200.7	260
12-Dec-19	Sunny	17.4	1024.7	1.331	1.331	1.331	1916.6	2.6228	2.6948	0.0720	12774.02	12774.02	24.00	37.6	200.7	260
18-Dec-19	Fine	22.2	1020.9	1.331	1.331	1.331	1916.6	2.6228	2.7317	0.0720	12774.02	12822.02	24.00	17.7	200.7	260
24-Dec-19	Sunny	20.4	1013.1	1.331	1.331	1.331	1916.6	2.6742	2.7220	0.0340	12822.02	12846.02	24.00	24.9	200.7	260
28-Dec-19	Sunny	18.5	1020.2	1.331	1.331	1.331	1916.6	2.6784	2.7746	0.0962	12846.02	12870.02	24.00	50.2	200.7	260
3-Jan-20	Sunny	18.9	1023.0	1.331	1.331	1.331	1916.6	2.6136	2.7023	0.0887	12870.02	12894.02	24.00	46.3	200.7	260
8-Jan-20	Sunny	21.9	1018.5	1.331	1.331	1.331	1916.6	2.6919	2.7312	0.0393	12894.02	12918.02	24.00	20.5	200.7	260
15-Jan-20	Sunny	19.5	1018.3	1.331	1.331	1.331	1916.6	2.6944	2.7555	0.0611	12918.02	12942.02	24.00	31.9	200.7	260
21-Jan-20	Fine	18.8	1010.3	1.331	1.331	1.331	1916.6	2.6909	2.7610	0.0701	12942.02	12966.02	24.00	36.6	200.7	260
24-Jan-20	Sunny	21.5	1018.1	1.331	1.331	1.331	1916.6	2.6738	2.7631	0.0893	12966.02	12990.02	24.00	46.6	200.7	260
30-Jan-20	Sunny	14.4	1021.5	1.331	1.331	1.331	1916.6	2.6871	2.7251	0.0380	12990.02	13014.02	24.00	19.8	200.7	260
4-Feb-20	Fine	17.3	1020.2	1.331	1.331	1.331	1916.6	2.7064	2.7395	0.0331	13014.02	13038.02	24.00	17.3	200.7	260
8-Feb-20	Fine	17.8	1020.2	1.344	1.344	1.344	1935.4	2.7135	2.8365	0.1230	13038.02	13062.02	24.00	63.6	200.7	260
14-Feb-20	Rainy	20.4	1013.8	1.331	1.331	1.331	1916.6	2.6988	2.7139	0.0151	13062.02	13086.02	24.00	7.9	200.7	260
20-Feb-20	Sunny	17.7	1013.0	1.331	1.331	1.331	1916.6	2.7227	2.7570	0.0343	13086.02	13110.02	24.00	17.9	200.7	260
26-Feb-20	Sunny	23.3	1017.9	1.331	1.331	1.331	1916.6	2.6733	2.7130	0.0397	13110.02	13134.02	24.00	20.7	200.7	260
3-Mar-20	Fine	19.4	1018.2	1.331	1.331	1.331	1916.6	2.6717	2.7348	0.0631	13134.02	13158.02	24.00	32.9	200.7	260
9-Mar-20	Sunny	23.4	1008.5	1.331	1.331	1.331	1916.6	2.7312	2.7877	0.0565	13158.02	13182.02	24.00	29.5	200.7	260
14-Mar-20	Sunny	21.6	1017.6	1.331	1.331	1.331	1916.6	2.6729	2.7592	0.0863	13182.02	13206.02	24.00	45.0	200.7	260
20-Mar-20	Sunny	21.2	1015.4	1.331	1.331	1.331	1916.6	2.6644	2.7044	0.0400	13206.02	13230.02	24.00	20.9	200.7	260
26-Mar-20	Cloudy	23.3	1013.5	1.331	1.331	1.331	1916.6	2.6755	2.7127	0.0372	13206.02	13230.02	24.00	19.4	200.7	260
31-Mar-20	Fine	20.3	1013.1	1.331	1.331	1.331	1916.6	2.6626	2.7073	0.0447	13230.02	13254.02	24.00	23.3	200.7	260
6-Apr-20	Cloudy	17.1	1016.8	1.331	1.331	1.331	1916.6	2.7051	2.7451	0.0400	13278.02	13302.02	24.00	20.9	200.7	260
9-Apr-20	Sunny	21.6	1017.5	1.331	1.331	1.331	1916.6	2.6587	2.7140	0.0553	13302.02	13326.02	24.00	28.9	200.7	260
15-Apr-20	Sunny	22.2	1015.4	1.331	1.331	1.331	1916.6	2.6734	2.7209	0.0475	13326.02	13350.02	24.00	24.8	200.7	260
21-Apr-20	Sunny	26.7	1012.4	1.331	1.331	1.331	1916.6	2.6890	2.7248	0.0358	13350.02	13374.02	24.00	18.7	200.7	260
25-Apr-20	Sunny	20.5	1018.4	1.331	1.331	1.331	1916.6	2.6637	2.6895	0.0258	13350.02	13374.02	24.00	13.5	200.7	260
29-Apr-20	Sunny	24.2	1017.0	1.331	1.331	1.331	1916.6	2.6845	2.7594	0.0749	13374.02	13398.02	24.00	39.1	200.7	260
5-May-20	Sunny	27.9	1008.8	1.331	1.331	1.331	1916.6	2.6633	2.7037	0.0404	13422.02	13446.02	24.00	21.1	200.7	260
11-May-20	Sunny	28.9	1010.3	1.331	1.331	1.331	1916.6	2.6710	2.7280	0.0570	13446.02	13470.02	24.00	29.7	200.7	260
16-May-20	Sunny	28.9	1007.5	1.331	1.331	1.331	1916.6	2.6773	2.7337	0.0564	13470.02	13494.02	24.00	29.4	200.7	260
22-May-20	Sunny	27.9	1003.2	1.331	1.331	1.331	1916.6	2.6774	2.7087	0.0313	13494.02	13518.02	24.00	16.3	200.7	260
28-May-20	Rainy	27.7	1010.1	1.331	1.331	1.331	1916.6	2.8581	2.9150	0.0569	13494.02	13518.02	24.00	29.7	200.7	260
3-Jun-20 9-Jun-20	Sunny	29.8 29.4	1008.6 1008.2	1.331 1.331	1.331 1.331	1.331 1.331	1916.6 1916.6	2.8747 2.8824	2.9038 2.9135	0.0291 0.0311	13542.02 13566.02	13566.02 13590.02	24.00 24.00	15.2 16.2	200.7 200.7	260 260
15-Jun-20	Cloudy	29.3	1011.1	1.331	1.331	1.331	1916.6	2.8550	2.8844	0.0294	13590.02	13614.02	24.00	15.3	200.7	260
20-Jun-20	Sunny	30.0	1008.5	1.331	1.331	1.331	1916.6	2.8654	2.8914	0.0260	13614.02	13638.02	24.00	13.6	200.7	260
24-Jun-20	Sunny	30.4	1006.5	1.331	1.331	1.331	1916.6	2.8692	2.9030	0.0338	13638.02	13662.02	24.00	17.6	200.7	260
30-Jun-20	Sunny	30.7	1004.6	1.331	1.331	1.331	1916.6	2.8405	2.8585	0.0180	13662.02	13686.02	24.00	9.40	200.7	260
6-Jul-20 11-Jul-20	Sunny	30.1 30.4	1007.4 1007.4	1.331 1.331	1.331 1.331	1.331 1.331	1916.6 1916.6	2.8162 2.8364	2.8406 2.8736	0.0244	14686.02 14710.02	14710.02 14734.02	24.00 24.00	12.7 19.4	200.7 200.7	260 260
17-Jul-20	Sunny	30.4	1007.4	1.331	1.331	1.331	1916.6	2.8684	2.8867	0.0372	14710.02	14758.02	24.00	9.5	200.7	260
23-Jul-20	Sunny	31.0	1009.0	1.331	1.331	1.331	1916.6	2.6617	2.6838	0.0221	14758.02	14782.02	24.00	11.5	200.7	260
29-Jul-20	Sunny	30.5	1007.2	1.331	1.331	1.331	1916.6	2.6727	2.6960	0.0233	14782.02	14806.02	24.00	12.2	200.70	260
4-Aug-20	Fine	27.5	1004.0	1.331	1.331	1.331	1916.6	2.6400	2.6653	0.0253	14806.02	14830.02	24.00	13.2	200.7	260
10-Aug-20 15-Aug-20	Sunny	30.0 29.8	1004.3 1008.6	1.331	1.331 1.331	1.331 1.331	1916.6 1916.6	2.6149 2.6432	2.6547 2.6755	0.0398	14830.02 14854.02	14854.02 14878.02	24.00 24.00	20.8 16.9	200.7 200.7	260 260
21-Aug-20	Sunny	29.8	1009.0	1.331	1.331	1.331	1916.6	2.6672	2.7086	0.0323	14878.02	14902.02	24.00	21.6	200.7	260
27-Aug-20	Sunny	28.5	10005.0	1.331	1.331	1.331	1916.6	2.6707	2.7097	0.0390	14902.02	14926.02	24.00	20.3	200.7	260
2-Sep-20	Cloudy	30.0	1006.2	1.331	1.331	1.331	1916.6	2.6804	2.7617	0.0813	14926.02	14950.02	24.00	42.4	200.7	260
8-Sep-20	Cloudy	27.1	1010.8	1.331	1.331	1.331	1916.6	2.6768	2.7012	0.0244	14950.02	14974.02	24.00	12.7	200.7	260
14-Sep-20 19-Sep-20	Rainy Rainy	28.1 27.2	1010.2 1011.9	1.331 1.331	1.331 1.331	1.331	1916.6 1916.6	2.6741 2.6871	2.7180 2.7065	0.0439 0.0194	14974.02 14998.02	14998.02 15022.02	24.00 24.00	22.9 10.1	200.7 200.7	260 260
25-Sep-20	Sunny	28.3	1009.7	1.331	1.331	1.331	1916.6	2.6503	2.7069	0.0566	15022.02	15046.02	24.00	29.5	200.7	260
30-Sep-20	Sunny	27.4	1007.4	1.331	1.331	1.331	1916.6	2.6404	2.6835	0.0431	15046.02	15070.02	24.0	29.5 22.5	200.7	260
6-Oct-20	Sunny	25.9	1013.8	1.331	1.331	1.331	1916.6	2.6890	2.7432	0.0542	15070.02	15094.02	24.00	28.3	200.7	260
12-Oct-20	Sunny	28.0	1008.7	1.331	1.331	1.331	1916.6	2.8679	2.9501	0.0822	15094.02	15118.02	24.00	42.9	200.7	260
17-Oct-20 23-Oct-20	Fine Sunny	25.6 23.5	1014.9 1011.4	1.331	1.331	1.331	1916.6 1916.6	2.7248 2.7223	2.7567	0.0319 0.0689	15118.02 15142.02	15142.02 15166.02	24.00 24.00	16.6 35.9	200.7	260 260
29-Oct-20	Fine	24.7	1017.3	1.331 1.331	1.331 1.331	1.331 1.331	1916.6	2.7003	2.7912 2.7373	0.0370	15166.02		24.00	19.3	200.7 200.7	260
									Average for t					25.5		

 Average for the reporting period (Nov 19 to Oct 20)
 25.5

 Minimum for the reporting period (Nov 19 to Oct 20)
 7.9

 Maximum for the reporting period (Nov 19 to Oct 20)
 63.6



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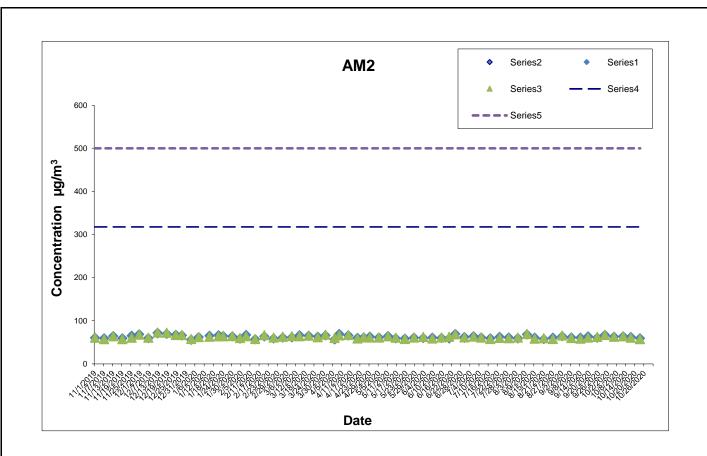
CONTRACT NO. HY/2012/06 WIDENING OF FANLING HIGHWAY - TAI HANG TO WO HOP SHEK INTERCHANGE



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)
1-Nov-19	14:10	60.8	60.3	60.7
7-Nov-19 13-Nov-19	11:00 11:00	58.5 64.8	59.2 64.4	57.1 63.8
19-Nov-19	10:00	58.5	59.1	57.3
25-Nov-19	10:00	62.9	65.0	60.7
30-Nov-19	10:15	65.9	68.3	67.7
6-Dec-19	11:00	58.6	59.5	60.7
12-Dec-19	13:05	67.9	71.8	72.5
18-Dec-19 24-Dec-19	13:30 11:30	71.9 68.4	69.4 67.2	72.0 66.9
28-Dec-19	10:10	68.2	65.7	66.9
3-Jan-20	14:15	56.7	55.6	57.8
8-Jan-20	14:14	60.7	61.6	62.2
15-Jan-20	14:05	66.7	65.1	62.7
21-Jan-20	14:50	65.5	66.3	63.9
24-Jan-20 30-Jan-20	14:00 14:00	64.1 61.6	64.5 63.7	63.9 64.2
4-Feb-20	14:00	60.1	58.4	59.9
8-Feb-20	10:35	65.5	67.1	63.8
14-Feb-20	11:00	59.1	56.8	57.6
20-Feb-20	11:35	65.2	63.7	66.7
26-Feb-20	14:00	60.3	58.7	61.1
3-Mar-20 9-Mar-20	14:00 13:00	61.2 62.2	61.0 61.2	62.8 64.5
14-Mar-20	10:25	65.3	66.0	63.9
20-Mar-20	11:15	64.6	64.9	65.6
26-Mar-20	11:09	64.7	62.8	61.9
31-Mar-20	14:10	66.2	65.7	67.7
6-Apr-20	11:10	58.5	56.7	59.7
9-Apr-20 15-Apr-20	10:15 10:05	66.9 68.3	69.1 65.8	65.7
21-Apr-20	14:00	62.2	60.2	66.9 58.6
25-Apr-20	10:20	59.5	60.9	62.2
29-Apr-20	13:35	61.9	62.7	60.8
5-May-20	14:00	60.6	60.8	60.9
11-May-20	10:00	64.5	64.4	63.9
16-May-20	10:00	58.6	59.1	60.6
22-May-20 28-May-20	13:10 10:10	57.2 59.7	58.3 60.6	57.7 61.1
3-Jun-20	13:05	61.1	59.8	62.6
9-Jun-20	13:00	62.6	60.6	58.8
15-Jun-20	13:00	58.2	59.7	61.5
20-Jun-20	10:25	61.7	58.8	62.7
24-Jun-20	13:20	68.6	69.3	68.4
30-Jun-20 6-Jul-20	10:15 11:10	57.7 61.8	62.1	61.4
11-Jul-20	10:30	62.7	64.0 60.8	63.3 61.1
17-Jul-20	13:00	56.8	59.1	57.6
23-Jul-20	13:10	61.5	62.3	60.1
29-Jul-20	11:30	62.5	60.8	59.4
4-Aug-20	11:40	62.2	58.7	60.9
10-Aug-20	10:10	68.6	67.9	69.2
15-Aug-20 21-Aug-20	10:05 13:05	62.2 58.2	60.7 57.1	58.4 59.5
27-Aug-20 27-Aug-20	13:10	59.6	60.6	57.6
2-Sep-20	14:10	62.6	64.1	65.8
8-Sep-20	13:15	61.2	60.9	59.7
14-Sep-20	14:10	59.0	60.7	58.4
19-Sep-20	10:15	62.3	63.5	61.1
25-Sep-20 30-Sep-20	13:30 13:30	62.6 67.9	60.7 67.1	62.4 66.8
6-Oct-20	13:55	63.7	63.0	66.8 62.7
12-Oct-20	13:20	64.3	63.5	64.1
17-Oct-20	9:45	63.5	62.0	60.6
23-Oct-20	13:05	58.8	59.1	57.2
29-Oct-20	13:10	68.1	67.2	87.6
		period (Nov 19		62.6
Maximum for t	ne reporting	period (Nov 19	o to Oct 20)	55.6
ıvıaxımum tor	me reporting	period (Nov 1	ฮ เบ UCเ 2U)	87.6



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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 2019

With the dominance of dry northeast monsoon over southern China for most of the time in the month, November 2019 was marked by prolonged dry and sunny weather in Hong Kong. The monthly total sunshine duration amounted to 263.0 hours, 46 percent above the normal of 180.1 hours and the fourth highest on record for November. Only traces of rainfall were recorded in the month, making it one of the driest Novembers since records began in 1884. However, the accumulated rainfall this year up to November was 2382.7 millimetres, slightly more than the normal figure of 2371.7 millimetres for the same period. November 2019 was also much warmer than usual. The monthly mean maximum temperature was 26.1 degrees, 2.0 degrees above the normal figure of 24.1 degrees and one of the second highest on record for November. The monthly mean temperature of 23.0 degrees was 1.2 degrees above the normal figure of 21.8 degrees and one of the sixth highest on record for November. Moreover, the autumn mean temperature in Hong Kong for the period from September to November 2019 reached 26.1 degrees and was 1.1 degrees above the normal of 25.0 degrees, making it one of the warmest autumns on record.

December 2019

With the northeast monsoon over southern China weaker than normal for most of the time in the month, December 2019 was much warmer than usual in Hong Kong. The monthly mean maximum temperature was 21.9 degrees, 1.7 degrees above the normal figure of 20.2 degrees and one of the fourth highest on record for December. The monthly mean temperature of 19.1 degrees was 1.2 degrees above the normal figure of 17.9 degrees. Moreover, 2019 was an extremely warm year in Hong Kong. The annual mean temperature of 24.5 degrees, annual mean maximum temperature of 27.1 degrees and annual mean minimum temperature of 22.6 degrees were all the highest since records began in 1884. The month was drier than usual with a total rainfall of 13.5 millimetres, about 50 percent below the normal of 26.8 millimetres. The annual total rainfall in 2019 was 2396.2 millimetres, near the annual normal of 2398.5 millimetres.

January 2020

With the northeast monsoon over southern China generally weaker than normal for most of the time in the month, January 2020 was much warmer than usual. The mean maximum temperature of 21.2 degrees and mean temperature of 18.6 degrees were respectively 2.6 degrees and 2.3 degrees above their corresponding normals and both were the highest on record for January. The mean minimum temperature of 16.8 degrees was 2.3 degrees above the normal and one of the second highest on record for January. The month was also drier than usual with 14.8 millimetres of rainfall recorded in the month, about 60 percent of the normal figure of 24.7 millimetres.

February 2020

February 2020 was much warmer than usual. The monthly mean maximum temperature was 21.4 degrees, 2.5 degrees above the normal figure of 18.9 degrees and the sixth highest on record for February. The monthly mean temperature of 18.5 degrees and mean minimum temperature of 16.6 degrees were respectively 1.7 degrees and 1.6 degrees above their corresponding normal figures. Both were one of the eighth highest on record for February. Moreover, the winter from December 2019 to February 2020 was exceptionally warm in Hong Kong. The mean maximum temperature of 21.5 degrees was the highest on record for the same period. The mean temperature of 18.7 degrees and mean minimum temperature of 16.8 degrees were both the second highest on record for the same period. February 2020 was also wetter than normal with the monthly rainfall of 79.8 millimetres, about 47 percent above the normal of 54.4 millimetres. The accumulated rainfall recorded in the first two months of the year was 94.6 millimetres, about 20 percent above the normal figure of 79.1 millimetres for the same period.

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March 2020

With the northeast monsoon over southern China generally weaker than normal for most of the time in the month, March 2020 continued to be much warmer than usual in Hong Kong. The monthly mean temperature of 21.3 degrees and mean minimum temperature of 19.7 degrees were respectively 2.2 degrees and 2.5 degrees above their corresponding normal figures and both were one of the second highest on record for March. The monthly mean maximum temperature was 23.8 degrees, 2.4 degrees above the normal figure and the fifth highest on record for March. The month was also drier than usual with a total rainfall of 41.3 millimetres, about half of the normal figure of 82.2 millimetres. The accumulated rainfall recorded in the first three months of the year was 135.9 millimetres, about 16 percent below the normal figure of 161.3 millimetres for the same period.

April 2020

Mainly attributing to the stronger than usual northeast monsoon over southern China, April 2020 was slightly cooler than usual with the mean temperature of 22.0 degrees, 0.6 degree below the normal figure of 22.6 degrees. With weaker southerlies and less moisture in the lower atmosphere over southern China, the month was also drier than usual in Hong Kong. The total rainfall in the month was 77.8 millimetres, about 55 percent below the normal figure of 174.7 millimetres. The accumulated rainfall recorded in the first four months of the year was 213.7 millimetres, about 36 percent below the normal figure of 336.1 millimetres for the same period.

May 2020

May 2020 was characterized by generally fine and hot weather during the first part of the month and unsettled weather with outbreaks of heavy showers in the latter part. Overall, the month was much hotter than usual. The monthly mean minimum temperature was 25.9 degrees, 1.8 degrees above the normal figure and one of the second highest on record for May. The monthly mean temperature of 27.7 degrees and mean maximum temperature of 30.4 degrees were respectively 1.8 degrees and 2.0 degrees above their corresponding normal figures and both were the fifth highest on record for May. Moreover, the spring of this year from March to May was exceptionally warm. The mean minimum temperature of 21.9 degrees, mean temperature of 23.7 degrees and mean maximum temperature of 26.4 degrees were respectively the fourth, fifth and sixth highest on record for the same period. May 2020 was also wetter than usual. The monthly rainfall was 352.5 millimetres, about 16 percent above the normal figure of 304.7 millimetres. The accumulated rainfall recorded in the first five months of the year was 566.2 millimetres, about 12 percent below the normal figure of 640.8 millimetres for the same period.

June 2020

Mainly attributing to the stronger than usual subtropical ridge over southern China, June 2020 was much hotter than usual in Hong Kong. The monthly mean minimum temperature was 27.8 degrees, 1.6 degrees above the normal figure and the highest on record for June. The monthly mean temperature and monthly mean maximum temperature were 29.6 degrees and 32.3 degrees respectively, both were the second highest on record for June. With a total of 18 hot nights, June 2020 was on par with July 1993 as one of the highest record of number of hot nights in a month. The 12 consecutive hot nights that started from 19 June also set a new record for June. Moreover, the first half of this year was exceptionally warm. The mean maximum temperature of 25.7 degrees and mean temperature of 23.0 degrees were both the highest on record for the same period. The mean minimum temperature of 21.1 degrees was the third highest on record for the same period. June 2020 was also marked by sunny weather with the monthly total sunshine duration amounting to 192.5 hours, about 32 percent above the normal of 146.1 hours. Despite the heavy rain episode on 6-8 June, the monthly total rainfall was only 397.2 millimetres, about 13 percent below the normal figure of 456.1 millimetres. The accumulated rainfall for the first half of the year of 963.4 millimetres was about 12 percent below the normal figure of 1096.9 millimetres.

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July 2020

With a stronger than usual subtropical ridge persisting over southern China for most of the time in the month, July 2020 became the hottest month in Hong Kong since records began in 1884. The monthly mean maximum temperature of 33.3 degrees, monthly mean temperature of 30.2 degrees and monthly mean minimum temperature of 28.3 degrees were 1.9 degrees, 1.4 degrees and 1.5 degrees above their corresponding normals and all of them were the highest of the correspondingly monthly mean values on record. With a total of 21 hot nights, July 2020 was the month with the highest number of hot nights on record and the 11 consecutive hot nights that started from 5 July also set a new record for July. Moreover, there were 20 very hot days in the month, the highest number of very hot days in a month on record. With long spell sunny weather, the month was also much drier than usual. The total monthly rainfall was only 125.4 millimetres, about 33 percent of the normal figure of 376.5 millimetres. The accumulated rainfall for the first seven months of the year was 1088.8 millimetres, about 26 percent below the normal figure of 1473.3 millimetres.

August 2020

Mainly attributing to the warmer than normal sea surface temperature over the northern part of the South China Sea, August 2020 was hotter than usual in Hong Kong. The monthly mean temperature of 29.0 degrees was 0.4 degree above the normal figure of 28.6 degrees. Together with the extremely high temperature weather in June and July, Hong Kong experienced the hottest summer on record from June to August 2020. The mean temperature of 29.6 degrees, mean minimum temperature of 27.7 degrees and mean maximum temperature of 32.6 degrees for June to August 2020 were all the highest on record for the same period. There were 16 very hot days in August 2020, the highest number of very hot days on record for August. Moreover, from January to August, the annual number of very hot days in 2020 already reached 43, which is 32.8 days above the annual normal and broke the previous highest record of 38 days set in 2016. The number of hot nights up to August 2020 also reached 46, on par with the highest record in 2019. The monthly rainfall was 448.4 millimetres, about 4 percent above the normal figure of 432.2 millimetres. The accumulated rainfall recorded in the first eight months of the year was 1537.2 millimetres, about 19 percent below the normal figure of 1905.5 millimetres for the same period.

September 2020

Mainly attributing to the higher than normal sea surface temperature over the northern part of the South China Sea, September 2020 was hotter than usual in Hong Kong. The monthly mean temperature of 28.4 degrees was 0.7 degree above the normal figure of 27.7 degrees. With more than usual low-level moisture supply from the south over southern China, the month was also much cloudier and wetter than usual. The monthly total rainfall was 708.8 millimetres, about 116 percent above the normal figure of 327.6 millimetres and the sixth highest on record for September. The mean amount of cloud in the month was 78 percent, 12 percent above the normal of 66 percent and one of the third highest on record for September. The duration of bright sunshine in the month was only 131.3 hours, about 24 percent lower than the normal figure of 172.3 hours and the fifth lowest on record for September. The accumulated rainfall up to September this year was 2246.0 millimetres, slightly more than the normal figure of 2233.1 millimetres for the same period.

October 2020

The mean temperature for October 2020 was 25.6 degrees, close to the normal figure of 25.5 degrees. Mainly attributing to the heavy downpour on 5 October, the month was wetter than usual with the monthly rainfall of 142.4 millimeters, about 41 percent above the normal of 100.9 millimetres. The accumulated rainfall this year up to October was 2388.4 millimetres, about 2 percent above the normal figure of 2334.0 millimetres for the same period.

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

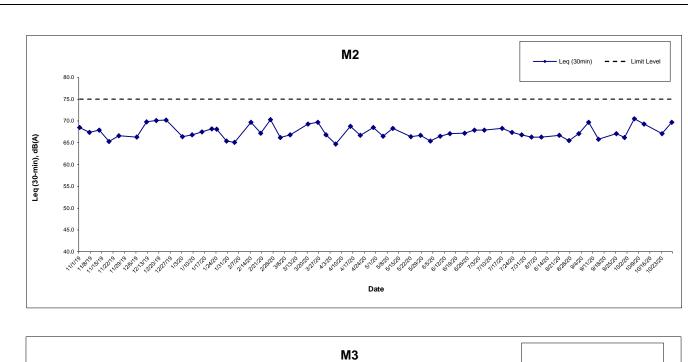
Location : M2 (West Tai Wo - Free Field)
Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

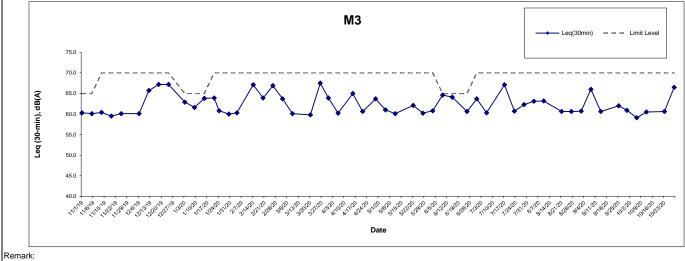
	Mea	sured Noise Lev	vel for 30-min, o	dB(A)	Limit Level,	Exceedance
Date	Start Time	Leq*	L10*	L90*	dB(A)	(Y/N)
1-Nov-19	15:30	68.5	69.1	67.2	75	N
7-Nov-19	14:00	67.4	69.0	62.5	75	N
13-Nov-19	10:15	67.9	68.5	67.0	75	N
19-Nov-19	14:00	65.3	65.5	63.0	75	N
25-Nov-19	14:00	66.6	67.5	63.5	75	N
6-Dec-19	10:00	66.3	67.0	63.5	75	N
12-Dec-19	14:10	69.8	71.2	67.3	75	N
18-Dec-19	13:15	70.1	72.5	68.1	75	N
24-Dec-19	9:55	70.2	72.3	68.1	75	N
3-Jan-20	13:30	66.4	67.5	64.0	75	N
9-Jan-20	15:05	66.8	67.5	65.0	75	N
15-Jan-20	14:55	67.5	68.5	64.0	75	N
21-Jan-20	15:20	68.2	69.6	65.4	75	N
24-Jan-20	13:30	68.1	68.8	67.3	75	N
30-Jan-20	15:00	65.4	66.5	62.0	75	N
4-Feb-20	14:15	65.1	66.5	63.0	75	N
14-Feb-20	13:30	69.7	71.2	67.5	75	N
20-Feb-20	14:00	67.2	68.8	65.0	75	N
26-Feb-20	14:50	70.3	71.6	68.5	75	N
3-Mar-20	14:45	66.2	68.0	64.9	75	N
9-Mar-20	14:00	66.8	68.0	63.0	75	N
20-Mar-20	10:30	69.3	69.9	68.1	75	N
26-Mar-20	14:30	69.7	72.4	67.2	75	N
31-Mar-20	15:05	66.8	68.7	65.0	75	N
6-Apr-20	13:00	64.7	66.0	62.5	75	N
15-Apr-20	11:10	68.8	70.4	68.8	75	N
21-Apr-20	13:30	66.7	67.5	64.5	75	N
29-Apr-20	15:05	68.5	69.8	66.0	75	N
5-May-20	14:55	66.5	68.5	59.0	75	N
11-May-20	11:10	68.3	69.1	67.2	75	N
22-May-20	13:35	66.4	67.5	63.5	75	N
28-May-20	11:30	66.7	67.5	63.0	75	N
3-Jun-20	13:50	65.4	66.5	62.5	75	N
9-Jun-20	14:00	66.5	67.5	63.0	75	N
15-Jun-20	13:50	67.1	68.5	62.5	75	N
24-Jun-20	14:40	67.2	68.0	63.5	75	N
30-Jun-20	11:20	67.9	69.0	65.0	75	N
6-Jul-20	10:20	67.9	68.7	67.2	75	N
17-Jul-20	13:50	68.3	70.4	66.6	75	N
23-Jul-20	14:00	67.4	68.0	65.5	75	N
29-Jul-20	13:35	66.8	68.5	65.0	75	N
4-Aug-20	13:50	66.3	68.2	64.6	75	N
10-Aug-20	13:10	66.3	67.5	63.5	75	N
21-Aug-20	13:50	66.7	67.5	64.5	75	N N
27-Aug-20	13:35	65.5	67.0	63.0	75	N
2-Sep-20	14:25	67.1	68.5	64.0	75	N
8-Sep-20	14:50	69.7	71.4	67.2	75	N
14-Sep-20	15:05	65.8	67.0	63.0	75	N
25-Sep-20	13:50	67.1	68.0	63.0	75	N
30-Sep-20	14:31	66.2	68.0	64.5	75	N
6-Oct-20	13:20	70.5	72.1	69.2	75	N
12-Oct-20	14:25	69.3	70.1	68.1	75	N
23-Oct-20	13:45	67.1	68.5	63.5	75	N
29-Oct-20	14:40	69.7	71.4	67.2	75	N
Minimum for Nov		64.7	65.5	59.0	_	
Maximum for No		70.5	72.5	69.2	_	
Average for Nov	19 to Oct 20	67.7	69.1	65.6	_	

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

	Mea	sured Noise Le	vel for 30-min.	dB(A)	Limit Level,	Exceedance
Date	Start Time	Leq	L10	L90	dB(A)^	(Y/N)
1-Nov-19	14:30	60.3	62.0	59.7	65	N
7-Nov-19	11:00	60.1	61.5	56.5	65	N
13-Nov-19	11:15	60.4	62.1	58.9	70	N
19-Nov-19	10:05	59.5	60.5	56.0	70	N
25-Nov-19	10:00	60.1	61.5	56.0	70	N
6-Dec-19	11:00	60.1	61.0	56.5	70	N
12-Dec-19	15:50	65.7	68.1	63.2	70	N
18-Dec-19	14:50	67.2	69.5	64.7	70	N
24-Dec-19	11:29	67.2	69.5	65.0	70	N
3-Jan-20	14:15	62.9	63.5	60.5	65	N
9-Jan-20	14:15	61.6	62.5	60.5	65	N
15-Jan-20	14:00	63.8	65.0	61.5	65	N
21-Jan-20	14:10	63.9	65.7	62.2	70	N
24-Jan-20	14:10	60.8	62.3	59.1	70	N
30-Jan-20	14:00	60.0	61.0	55.0	70	N
4-Feb-20	14:00	60.3	61.5	55.0	70	N
14-Feb-20	11:00	67.1	69.2	64.0	70	N
20-Feb-20	13:10	63.9	65.5	61.7	70	N
26-Feb-20	14:00	66.9	68.6	64.8	70	N
3-Mar-20	14:00	63.7	64.9	62.0	70	N
9-Mar-20	13:00	60.1	61.5	57.5	70	N
20-Mar-20	11:30	59.8	61.7	58.4	70	N
26-Mar-20	11:15	67.5	69.1	65.3	70	N
31-Mar-20	14:13	63.9	65.5	62.5	70	N
6-Apr-20	11:00	60.2	61.0	55.5	70	N
15-Apr-20	10:03	65.0	66.2	62.5	70	N
21-Apr-20	14:00	60.6	61.5	56.5	70	N
29-Apr-20	13:40	63.7	65.5	60.9	70	N
5-May-20	14:00	61.0	63.0	58.0	70	N
11-May-20	10:05	60.1	62.2	58.3	70	N
22-May-20	13:10	62.1	63.5	60.0	70	N
28-May-20	10:10	60.2	61.5	58.5	70	N
3-Jun-20	13:05	60.8	61.5	56.0	70	N
9-Jun-20	13:00	64.6	65.5	60.5	65	N
15-Jun-20	13:00	64.1	65.0	61.0	65	N
24-Jun-20	13:30	60.6	63.0	58.5	65	N
30-Jun-20	10:20	63.7	65.0	61.6	70	N
6-Jul-20	11:25	60.3	62.0	58.2	70	N
17-Jul-20	13:00	67.1	69.0	64.0	70	N
23-Jul-20	13:10	60.7	61.5	58.0	70	N
29-Jul-20	14:25	62.3	63.9	60.5	70	N
4-Aug-20	14:40	63.1	64.5	60.8	70	N
10-Aug-20	10:05	63.2	65.0	61.5	70	N
21-Aug-20	13:05	60.6	61.5	56.5	70	N
27-Aug-20	13:10	60.6	62.0	56.5	70	N
2-Sep-20	14:10	60.7	62.0	57.0	70	N
8-Sep-20	13:05	66.0	68.2	64.3	70	N
14-Sep-20	14:10	60.6	61.5	57.0	70	N
25-Sep-20	13:35	62.0	63.0	60.0	70	N
30-Sep-20	13:34	60.9	62.5	58.0	70	N
6-Oct-20	14:30	59.1	61.4	57.2	70	N
12-Oct-20	13:30	60.5	62.3	59.8	70	N
23-Oct-20	13:05	60.6	62.0	58.0	70	N
29-Oct-20	13:15	66.5	68.2	64.1	70	N
Minimum for Nov		59.1	60.5	55.0		•
Maximum for Nov		67.5	69.5	65.3	1	
Average for Nov		63.2	65.2	61.0	1	
		JJ.2		01.0	<u> </u>	

^{* +3}dB(A) Façade effect correction included ^ Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period





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

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

CONTRACT NO. HY/2012/06

Graphical Presentation of Impact Daytime Construction Noise Monitoring Results

Project No.: 60307376 Date: Dec-20 Appendix G



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

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

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

	Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
	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		
Environmental 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	0	10
	23 October 2014	EPD referred an air complaint on 24 October 2014. A resident complained against the excavation works of Tai Wo Service Road West between Nam Wah Po & Tai Hang Tsuen, which have piled up high stockpiles, causing serious dust nuisance to his house.	Closed		

Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
	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.			
31 December 2014	EPD referred a water complaint on 31 December 2014. The complainant complained about the muddy river outside Tai Hang Village Office on 29 December 2014. It was suspected that the muddy water was discharged from the construction works of the Project. He required the EPD to follow up.	Closed		
25 March 2015	EPD referred a water complaint on 25 March 2015. The complainant complained about the generation of the smell of gasoline from the Widening of Fanling Highway construction site on Tai Wo Service Road West, causing serious nuisance to nearby houses. The situation has continued for a few weeks and she asked the EPD to follow up as soon as possible.	Closed		

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

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

	Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
	28 October 2019 (Referred by the EPD on 14 November 2019)	The Buildings Department received a complaint on 28 October 2019 through email. The complaint was referred to Environmental Team of HY/2012/06 on 14 November 2019. The complainant complained about dust and noise nuisance caused continuously by road construction works at Tai Wo Service Road West.	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