Civil Engineering and Development Department

Contract No. ED/2018/04

Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Quarterly Environmental Monitoring and Audit Report

(under EP-458/2013/C)

February 2021 - April 2021

(Version 1)

Approved By 

(Environmental Team Leader:

Mr. KS Lee)

REMARKS:

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

CINOTECH accepts no responsibility for changes made to this report by third parties

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RAMBOLL

Ref.: CEDKTDT2EM00_0_0277L.21

1 November 2021

By Post and Email

Hyder-Meinhardt Joint Venture
17/F, Two Harbour Square
180 Wai Yip Street, Kwun Tong
Kowloon, Hong Kong

Attention: Mr. Edwin Ching

Dear Mr. Ching,

Re: Agreement No. EDO 01/2019
Independent Environmental Checker for
Contract No. ED/2018/04 – Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron
(Environmental Permit: EP-458/2013/C)

Quarterly EM&A Summary Report (February 2021 to April 2021)

Reference is made to the Environmental Team's submission of the Quarterly EM&A Summary Report for February 2021 to April 2021 (Version 1) certified by the ET Leader and provided to us via email on 19 October 2021.

We are pleased to inform you that we have no adverse comment on the captioned submission.

Thank you for your attention. Please do not hesitate to contact the undersigned should you have any queries.

Yours sincerely,
For and on behalf of
Ramboll Hong Kong Limited

Y H Hui
Independent Environmental Checker

c.c.	CEDD	Attn.:	Mr. Tommy Wong	Fax: 2739 0076
	BTP	Attn.:	Mr. Ivan Chau	By email
	Cinotech	Attn.:	Mr. K. S. Lee	Fax: 3107 1388

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EXECUTIVE SUMMARY

Introduction

1. This is the 4th Quarterly Environmental Monitoring and Audit (EM&A) Report prepared by the Environmental Team (ET), Cinotech Consultants Ltd., for "Trunk Road T2 and Infrastructure Works at the Former South Apron". This report summarized the monitoring results and audits findings of the EM&A programme under the issued Environmental Permit (EP) No. EP-458/2013/C and in accordance with the EM&A Manual (AEIAR-173/2013) during the reporting period from February 2021 to April 2021.

Summary of Main Works Undertaken and Key Measures Implemented

2. The construction activities undertaken in the reporting quarter were as follows:

February 2021
- West Bound – Drill & Break Tunnel
- East Bound – Drill & Blast Tunnel

March 2021
- West Bound – Drill & Break Tunnel
- East Bound – Drill & Blast Tunnel

April 2021
- West Bound – Drill & Break Tunnel
- East Bound – Drill & Blast Tunnel
- WB East Ventilation Building Excavation

3. Implementation of the key mitigation measures during the reporting period are as follows:

Construction Noise
- Construction activities were scheduled to minimize noise nuisance to the nearby sensitive receiver.
- Use of Quality Powered Mechanical Equipment (QPME) on site.
- Erected the noise barrier on site.

Air Quality
- Regularly watering on site to avoid dust generation.

Landscape and Visual
- Tree protection zones were fenced off to protect the existing trees on site.

Environmental Monitoring Works

4. Environmental monitoring for the Project was performed in accordance with the EM&A Manual and the monitoring results were checked and reviewed. Site Inspections/Audits were conducted once per week. The implementation of the environmental mitigation measures, Event Action Plans and environmental complaint handling procedures were also checked.

5. Summary of the non-compliance in the reporting quarter for the Project is tabulated in **Table**

I. Details of the environmental monitoring results is presented in **Section 3**.

Table I Non-compliance (Exceedance) Record for the Project in the Reporting Quarter

Parameter	No. of Exceedance		No. of Exceedance due to Construction Activities of this Project		Action Taken
	Action Level	Limit Level	Action Level	Limit Level	
February 2021					
Air Quality	0	0	0	0	N/A
Noise	0	0	0	0	N/A
Marine Water Quality	N/A	N/A	N/A	N/A	N/A
Groundwater Level Monitoring (Piezometer Monitoring)	N/A	N/A	N/A	N/A	N/A
Ecological	N/A	N/A	N/A	N/A	N/A
Cultural Heritage	N/A	N/A	N/A	N/A	N/A
Landfill Gas	N/A	0	N/A	0	N/A
March 2021					
Air Quality	0	0	0	0	N/A
Noise	0	0	0	0	N/A
Marine Water Quality	N/A	N/A	N/A	N/A	N/A
Groundwater Level Monitoring (Piezometer Monitoring)	N/A	N/A	N/A	N/A	N/A
Ecological	N/A	N/A	N/A	N/A	N/A
Cultural Heritage	N/A	N/A	N/A	N/A	N/A
Landfill Gas	N/A	0	N/A	0	N/A
April 2021					
Air Quality	0	0	0	0	N/A
Noise	0	0	0	0	N/A
Marine Water Quality	N/A	N/A	N/A	N/A	N/A
Groundwater Level Monitoring (Piezometer Monitoring)	N/A	N/A	N/A	N/A	N/A
Ecological	N/A	N/A	N/A	N/A	N/A
Cultural Heritage	N/A	N/A	N/A	N/A	N/A
Landfill Gas	N/A	0	N/A	0	N/A

Note:
N/A - Not Applicable.

Summary of Complaint, Warning, Notification of Summons and Successful Prosecution

6. Summary of key information in the reporting quarter is tabulated in **Table II**.

Table II Summary Table for Key Information in the Reporting Quarter

Event	Event Details		Action Taken	Status
	Number	Nature		
Complaints Received	1	Noise	Details refer to App J	Closed
Notifications of any summons & prosecutions received	0	---	N/A	N/A

N/A – Not Applicable

7. Environmental monitoring works for the Project are considered effective and is generating data to categorically identify the environmental impacts from the works and influencing factors in the vicinity of monitoring stations.

Reporting Changes in the Reporting Quarter

8. No reporting change in the reporting quarter.

1. INTRODUCTION

Background

1.1 In 2009, Civil Engineering and Development Department (CEDD) commissioned a Kai Tak Development (KTD) – Trunk Road T2 and Infrastructure at South Apron Investigation. The assignment covers the provision of the Trunk Road T2 and its connections with the Central Kowloon Route (CKR) at the north apron area and the Tseung Kwan O – Lam Tin Tunnel (TKOLTT) to the south in the Cha Kwo Ling area.

1.2 The Trunk Road T2 Project is one of the designated Projects under Schedule 2 of the EIAO proposed in the KTD. CEDD submitted the Project Profile (No. PP-379/2009) on 24 March 2009 for application for an EIA study brief for the Trunk Road T2 Project under the EIAO. Accordingly, an EIA Study Brief (ESB-203/2009) for the Trunk Road T2 Project was issued on 30 April 2009. The Environmental Impact Assessment (EIA) Report for the Trunk Road T2 Project was approved under the Environmental Impact Assessment Ordinance (EIAO) on 19 September 2013. The corresponding Environmental Permit (EP) was issued on 19 September 2013 (EP no.: EP-451/2013).

1.3 The Contract No. ED/2018/04 is the main contract of Trunk Road T2 ("T2 Main Works") which comprises mainly the design and construction of a dual two-lane trunk road of approximately 3.0km long with about 2.7km of the trunk road in form of tunnel; ventilation and administration buildings, environmental protection and mitigation works and etc. The EM&A programme under this Contract is governed by the two EPs (EP-451/2013 and EP-458/2013/C) and two EM&A Manuals (AEIAR-174/2013 and AEIAR-173/2013). The work areas of the T2 Main Works are shown in **Figure 1** and the works to be executed under this Contract and corresponding EPs are summarized as follows:

Environmental Permit	Works Description
EP-451/2013 – Trunk Road T2	*Trunk Road T2* • Construction of highway and sub-sea tunnel connecting between Central Kowloon Route and Cha Kwo Ling Tunnel • Western & Eastern Ventilation Buildings
EP-458/2013/C – Tseung Kwan O – Lam Tin Tunnel (TKOLTT) and Associated Works	*Cha Kwo Ling Tunnel* Construction of Cha Kwo Ling Tunnel from the end of Trunk Road T2 to the TKOLTT at the Eastern Ventilation Building

Monitoring Works in Lam Tin under EP-458/2013/C

1.4 Under Agreement No. CE 59/2015 (EP) – Tseung Kwan O – Lam Tin Tunnel (TKOLLT) and Associated Works, the baseline monitoring works in Lam Tin under the EM&A Manual (AEIAR-173/2013) were conducted by the Environmental Team (ET) for the Agreement No. CE 59/2015 (EP) at the approved monitoring locations, namely AM1, AM2, AM3, AM4, AM4 (A) CM1, CM2, CM3, CM4 and CM5. Impact monitoring within the Lam Tin area shall be conducted by the ET of Contract No. ED/2018/04 upon cessation of Agreement No. CE 59/2015 (EP). The data obtained from the impact monitoring works completed by the ET of Agreement No. CE 59/2015 (EP) will be adopted in this report

1.5 Cinotech Consultants Ltd. was designated as the Environmental Team (ET) to undertake the EM&A works for "Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron" (hereinafter called the "Project").

Purpose of the Report

1.6 This is the 4th Quarterly EM&A Summary Report summarizing the EM&A works for the Project in between February 2021 and April 2021.

Project Organizations

1.7 Different parties with different levels of involvement in the project organization include:

- Permit Holder – Civil Engineering and Development Department (CEDD)
- Supervisor Representative – Hyder-Meinhardt Joint Venture (HMJV)
- Environmental Team (ET) – Cinotech Consultants Limited (Cinotech)
- Independent Environmental Checker (IEC) – Ramboll Hong Kong Limited (Ramboll)
- Contractor – Bouygues Travaux Publics (BTP)

1.8 The key contacts of the Project are shown in **Table 1.1**.

Table 1.1 Key Project Contacts

Party	Role	Contact Person	Phone No.
CEDD	Permit Holder	Mr. Wong Chi Wai, Tommy	3842 7111
HMJV	Supervisor Representative	Mr. Joe Nam	3742 3820
Cinotech	Environmental Team	Mr. KS Lee (ETL)	2151 2091
		Ms. Karina Chan	2157 3880
Ramboll	Independent Environmental Checker	Mr. YH Hui (from 12 April 2021)	3465 2850
		Mr. Manson Yeung (until 11 April 2021)	3465 2888
BTP	Contractor	Mr. Bryan Lee	5588 3891

1.9 The Organizational Structure for Environmental Management is shown in **Figure 1.2**.

Construction Activities undertaken during the Report Quarter

1.10 The major site activities undertaken in the reporting quarter are shown as follow:

February 2021

- West Bound – Drill & Break Tunnel
- East Bound – Drill & Blast Tunnel

March 2021

- West Bound – Drill & Break Tunnel
- East Bound – Drill & Blast Tunnel

April 2021

- West Bound – Drill & Break Tunnel
- East Bound – Drill & Blast Tunnel
- WB East Ventilation Building Excavation

2. ENVIRONMENTAL MONITORING AND AUDIT REQUIREMENTS

Monitoring Parameters and Monitoring Locations

2.1 The EM&A Manual designates locations for environmental monitoring in terms of air quality, noise, and landfill gas due to the Project. The Project area and monitoring locations are depicted in **Figures 2**. **Appendix A** gives details of monitoring requirements.

Monitoring Methodology and Calibration Details

2.2 Monitoring works/equipment were conducted/calibrated regularly in accordance with the EM&A Manual. Copies of calibration certificates are attached in the appendices of the corresponding Monthly EM&A Reports.

Environmental Quality Performance Limits (Action and Limit Levels)

2.3 The environmental quality performance limits, i.e. Action and Limit Levels were derived from the baseline monitoring results. Should the measured environmental quality parameters exceed the Action/Limit Levels, the respective action plans would be implemented. The Action/Limit Levels for each environmental parameter are given in **Appendix B**.

2.4 Should the monitoring results of the environmental monitoring parameters at any designated monitoring stations indicate that the Action / Limit Levels are exceeded, the actions in accordance with the Event and Action Plans in **Appendix K** was carried out.

Implementation Status of Environmental Mitigation Measures

2.5 Relevant mitigation measures as recommended in the project EIA report have been stipulated in the EM&A Manual for implementation by the Contractor. The implementation status of environmental mitigation measures (EMIS) is given in **Appendix G**.

Site Audit Summary

2.6 During site inspections in the reporting period, no non-compliances was recorded. The observations and recommendations made during the reporting period are summarized in **Appendix F**.

Status of Waste Management

2.7 The amount of wastes generated by the construction activities during the reporting period is shown in **Appendix H**.

3. MONITORING RESULTS

Weather Conditions

3.1 The weather during monitoring sessions was summarized in **Table 3.1**.

Table 3.1 Summary of Weather Conditions in the Reporting Period

Reporting Month	General Weather Conditions
February 2021	Sunny, Cloudy
March 2021	Sunny, Cloudy, Rainy
April 2021	Sunny, Cloudy

3.2 The detail of weather conditions for each individual monitoring session was presented in the corresponding monthly EM&A report.

Air Quality

3.3 All 1-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/Limit Level exceedance was recorded.

3.4 The HVS at monitoring station AM2 was broken-down during the first week of February 2021 and the 24-hour TSP monitoring at such station was temporary suspended during the aforementioned period. Other than the aforesaid monitoring, all 24-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action / Limit Level exceedance was recorded.

3.5 The graphical presentations of the air quality monitoring results are shown in **Appendix C**.

Construction Noise

3.6 All noise monitoring was conducted as scheduled in the reporting month. No Action Level exceedance was recorded due to the documented complaints received in this reporting quarter. No Limit Level exceedance for day time was recorded in the reporting quarter. The graphical presentations of the noise monitoring results are shown in **Appendix D**.

Water Quality

Groundwater Quality

3.7 The existing groundwater quality monitoring programme has been suspended as the monitoring results had been deemed non-representative of the impact from the project justified by two major factors: (1) influence on the monitoring results from non-project related factors, such as anthropogenic activities and natural phenomenon; and (2) large separation between the monitoring stations and works area. In addition, as no alternative locations for the groundwater quality monitoring were available, the groundwater quality monitoring has been suspended since October 2019 upon the agreement by EPD

Marine Water Quality

3.8 According to Section 4.4.3 of EM&A Manual (AEIAR-173/2013), marine water quality impact monitoring stations is carried out during marine construction for TKOLTT reclamation. Since the construction of Cha Kwo Ling Tunnel from the end of Trunk Road T2 to the TKOLTT at the Eastern Ventilation Building does not involve reclamation, the marine water quality monitoring programme stated in Section 4.4 of the EM&A Manual (AEIAR-173/2013) is therefore not applicable to Contract No. ED/2018/04.

Groundwater Level Monitoring (Piezometer Monitoring)

3.9 According to Section 4.1.2 of EM&A Manual (AEIAR-173/2013), daily piezometer monitoring will be carried out on a daily basis when any tunnel construction activities are carried out within +/- 50m of the piezometer gate in plan. As the construction works of Cha Kwo Ling Tunnel from the end of Trunk Road T2 to the TKOLTT at the Eastern Ventilation Building is approximately 120m away from the piezometer gate in plan, the piezometer monitoring programme stated in Section 4.2 of the EM&A Manual (AEIAR-173/2013) is therefore not applicable to Contract No. ED/2018/04

Ecological Monitoring

3.10 Post-translocation monitoring survey is recommended in Section 6.2.5 of the EM&A Manual (AEIAR-173/2013), to audit the success of coral translocation. Since the construction of Cha Kwo Ling Tunnel from the end of Trunk Road T2 to the TKOLTT at the Eastern Ventilation Building does not involve any marine works in the concerned area mentioned in Section 6.1.2 of the EM&A Manual (AEIAR-173/2013), the post-translocation monitoring survey stated in Section 6.2.5 of the EM&A Manual (AEIAR-173/2013) is therefore not applicable to Contract No. ED/2018/04.. .

Monitoring on Cultural Heritage

3.11 As the construction works of Cha Kwo Ling Tunnel from the end of Trunk Road T2 to the TKOLTT at the Eastern Ventilation Building are located more than 100m away from the Cha Kwo Ling Tin Hau temple, the vibration impact monitoring stated in Section 8.3.1 of the EM&A Manual (AEIAR-173/2013) is not applicable to Contract No. ED/2018/04.

Landscape and Visual Monitoring and Audit

3.12 The implementation of landscape and visual mitigation measures was checked during the environmental site inspections. Recommended follow-up actions have been discharged by the Contractor. Details of the audit findings and implementation status are presented in **Appendix F**.

Landfill Gas Monitoring

3.13 Monitoring of landfill gases was commenced in March 2016 and were carried out by the Contractors of Agreement No. CE 59/2015 (EP) in the reporting quarter. No Limit Level exceedance was recorded. The graphical presentations of the landfill gas monitoring results are shown in **Appendix E**.

Waste Management

3.14 Site audits were carried out on a weekly basis to monitor and ensures that proper storage, transportation and disposal practices of wastes generated from this Project include inert construction and demolition (C&D) materials, non-inert C&D materials. Details of waste management data is presented in **Appendix H**.

Fisheries

3.15 According to Section 7.1.3 of EM&A Manual (AEIAR-173/2013), no specific fisheries monitoring programme is required during the construction phase.

Influencing Factors on the Monitoring Results

3.16 During the reporting period, the major dust and noise source identified at the designated monitoring stations are as follows:

Table 3.2 Major Dust Sources during the Monitoring in the Reporting Period

Station	Major Dust Source
AM1 – Tin Hau Temple	Road Traffic at Cha Kwo Ling Road
AM2 – Sai Tso Wan Recreation Ground	Road Traffic along Sin Fat Road
AM3 – Yau Lai Estate Bik Lai House	Road Traffic near Eastern Cross Harbour Tunnel Toll Plaza
AM4 - Sitting-out Area at Cha Kwo Ling Village	Road Traffic at Cha Kwo Ling Road
AM4(A) - Cha Kwo Ling Public Cargo Working Area Administrative Office	Road Traffic at Cha Kwo Ling Road

Table 3.3 Major Noise Sources during the Monitoring in the Reporting Period

Monitoring Stations	Locations	Major Noise Source
CM1	Nga Lai House, Yau Lai Estate Phase 1, Yau Tong	Road Traffic near Eastern Cross Harbour Tunnel Toll Plaza
CM2	Bik Lai House, Yau Lai Estate Phase 1, Yau Tong	Road Traffic near Eastern Cross Harbour Tunnel Toll Plaza
CM3	Block S, Yau Lai Estate Phase 5, Yau Tong	Road Traffic near Eastern Cross Harbour Tunnel Toll Plaza
CM4	Tin Hau Temple, Cha Kwo Ling	Road Traffic at Cha Kwo Ling Road
CM5	CCC Kei Faat Primary School, Yau Tong	Road Traffic near Eastern Cross Harbour Tunnel Toll Plaza

4. NON-COMPLIANCE (EXCEEDANCES) OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMITS (ACTION AND LIMIT LEVELS)

Summary of Exceedances

4.1 Environmental monitoring works were performed in the reporting period and all monitoring results were checked and reviewed. A summary of exceedances is attached in **Appendix I**.

Air Quality

4.2 No Action/Limit Level exceedance was recorded in the reporting quarter.

Construction Noise

4.3 No Action Level exceedances was recorded due to the documented complaints received in the reporting quarter. No Limit Level exceedance was recorded for day time construction noise in the reporting quarter.

Landfill Gas

4.4 No Limit Level exceedance was recorded in the reporting quarter.

Review of the Reasons for and the Implications of Non-compliance

4.10 During site audits in the reporting quarter, no non-compliance was recorded. Recommendations made in each individual site audit session were attached in the **Appendix F**.

Landscape and Visual

4.11 No non-compliance of the landscape and visual impact was recorded in the reporting quarter.

Summary of Environmental Complaints and Prosecutions

4.12 One (1) environmental complaint on this Project was received in the reporting quarter.

4.13 No environmental warning, prosecution and notification of summons were received in the reporting quarter.

5. COMMENTS, CONCLUSIONS AND RECOMMENDATIONS

Review of Monitoring Methodology and the Practicality and Effectiveness of EM&A Programme

5.1 The EM&A methodology has been effective in monitoring the environmental impacts of the Project and the effectiveness of the mitigation measures. The data collected were useful in determining whether the Project had caused unacceptable impacts on the sensitive receivers. Analysis of all EM&A data collected throughout the baseline and the impact periods demonstrated the environmental acceptability of the Project

Effectiveness of Mitigation Measures

5.2 The mitigation measures recommended in the EIA report are considered effective in minimizing environmental impacts.

5.3 The Contractor has implemented the recommended mitigation measures except those mitigation measures not applicable at this stage.

5.4 Environmental monitoring works were performed in the reporting quarter and all monitoring results were checked and reviewed.

5.5 The summary record of non-compliance (exceedances) of Action/Limit Level for environmental monitoring in the reporting quarter has been presented in **Table I** above and in **Appendix I**.

5.6 One (1) environmental complaint was received in the reporting quarter. The details were attached in the **Appendix J.**

5.7 No warning, notification of summon and environmental prosecution was received in the reporting quarter. The details were attached in the **Appendix J**.

Recommendations

5.8 Joint weekly site audits by the representatives of the Engineer, Contractor and the ET were conducted in the reporting quarter. The following recommendations was made to the Contractor for the coming reporting month:

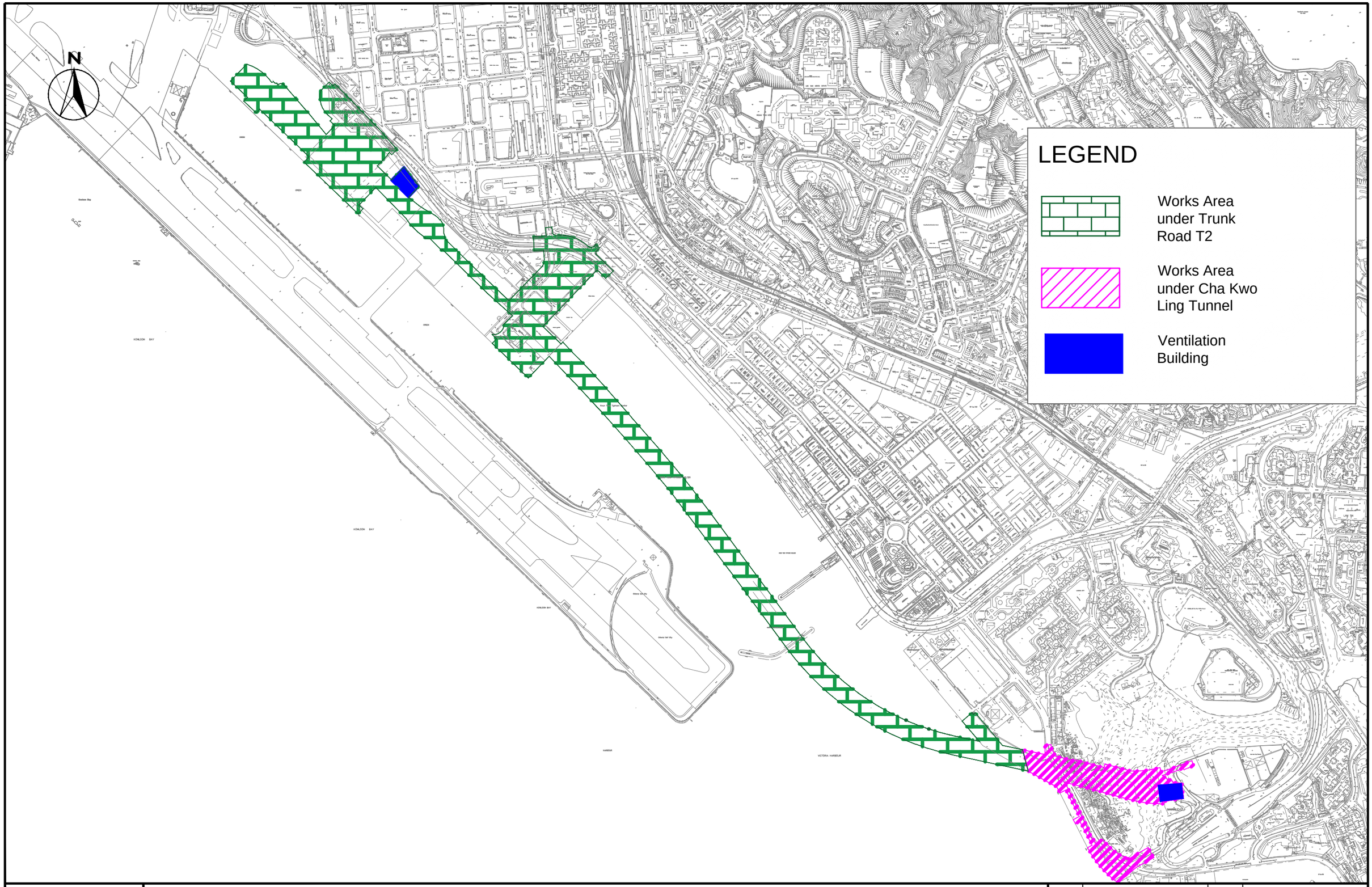
Construction Noise

- Noise mitigation measures, i.e. erecting noise barriers, shall always be implemented on site to minimize construction noise generated from construction activities.

Waste/ Chemical Management

- A reputable waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material.

FIGURES



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Contract No. ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Site Layout Plan

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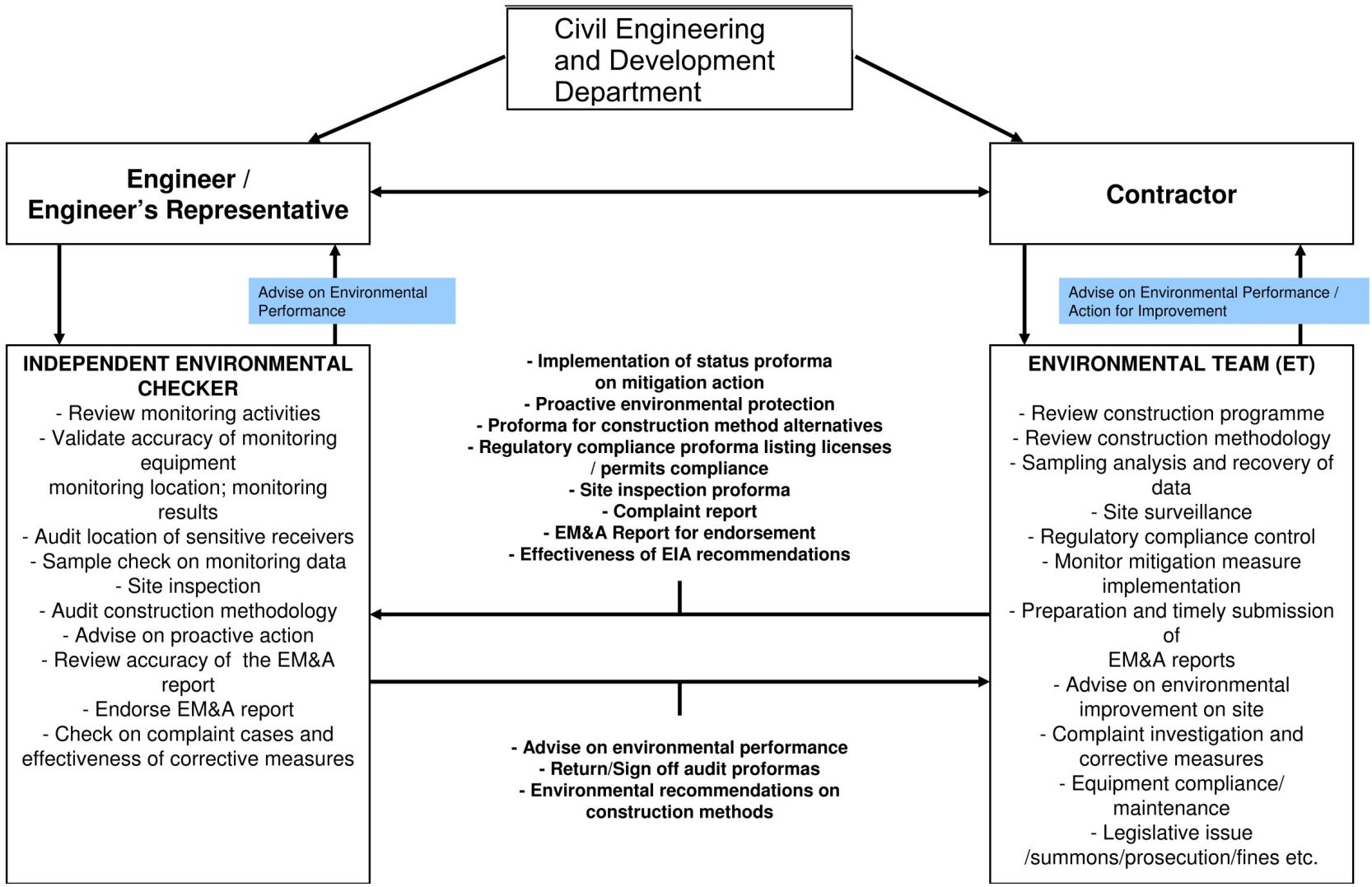
CHECK	KC	DRAWN	TL
JOB No.	MA20003	FIGURE No. Fig 1	REV -



Rev.	Description	Date

Drawing title

PROJECT ORGANISATION AND LINES OF COMMUNICATION

Original Size A3

Scale N.T.S

Date 18/JAN/2013

File name

Drawing No. FIGURE 1.2

Rev. –

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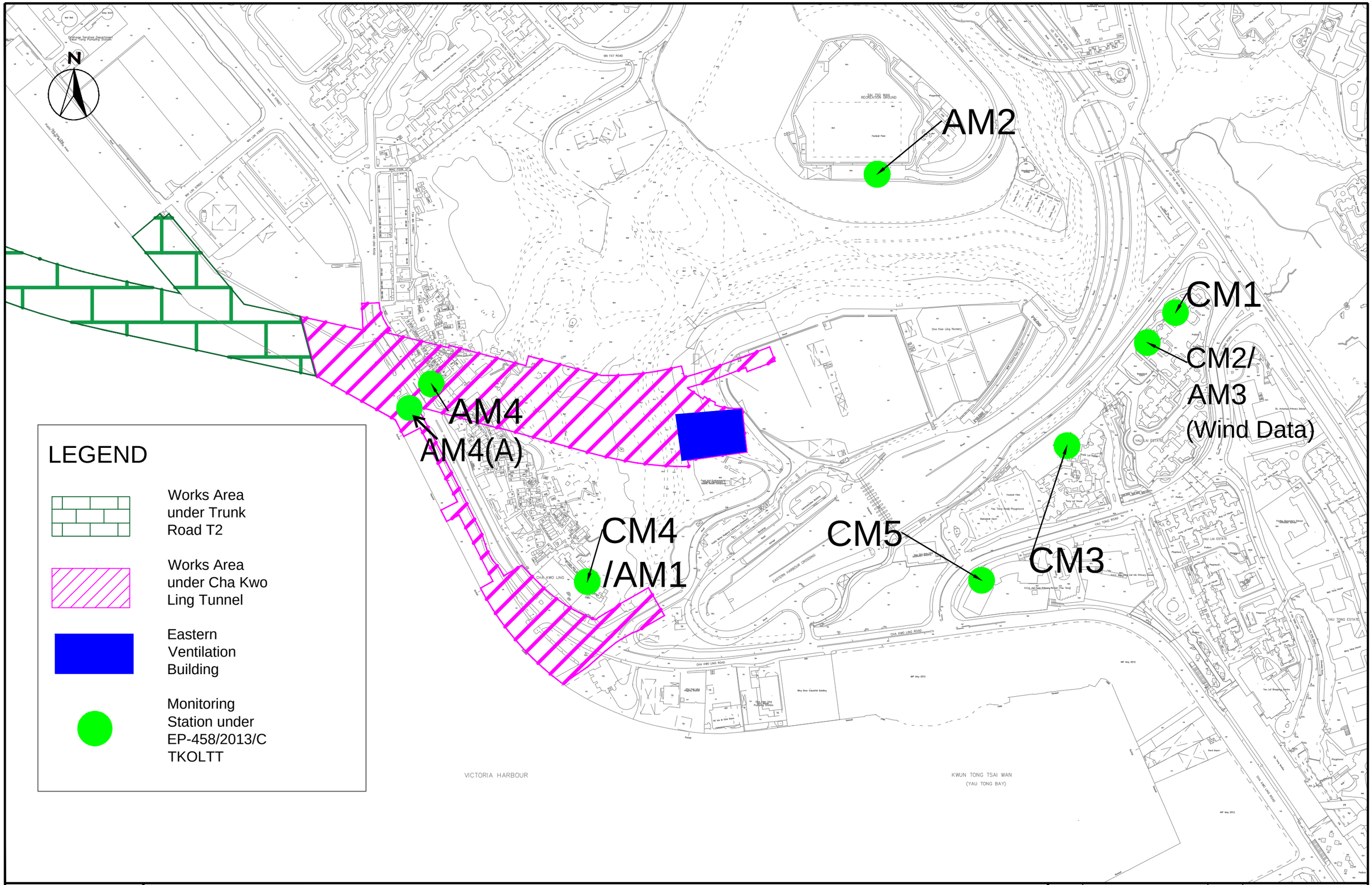

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Contract No. ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Monitoring Station at Lam Tin

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JOB No.	MA20003	FIGURE No.	Fig 2b
		REV	-

APPENDIX A
MONITORING REQUIREMENTS

Appendix A - Environmental Impact Monitoring Requirements

Table I – Air Quality Monitoring

Type of Monitoring	Parameter	Frequency	Location	Measurement Conditions
Air Quality	1 hour TSP	Three times / 6 days	• AM1 – Tin Hau Temple • AM2 – Sai Tso Wan Recreation Ground • AM3 – Yau Lai Estate Bik Lai House • AM4[(1)] – Sitting-out Area at Cha Kwo Ling Village • AM4(A)[(2)(*)] – Cha Kwo Ling Public Cargo Working Area Administrative Office	• AM1 – Ground Level • AM2 – Ground Level • AM3 – Rooftop (41/F) • AM4[(1)] – Ground Level • AM4(A)[(2)(*)] – Rooftop (3/F)
	24 hour TSP	Once / 6 days		

Remarks: (1) For 1-hour TSP monitoring; (2) For 24-hour TSP monitoring

[(*)] Air quality monitoring at designated station AM4(24-hr TSP) was rejected by the premise owners. Therefore, baseline and impact air quality monitoring works were carried out at alternative air quality monitoring stations AM4(A) (24-hr TSP only).

Table II – Noise Monitoring

Type of Monitoring	Parameter	Frequency	Location	Measurement Conditions
Construction Noise	L_{eq}, L_{90} & L_{10} at 30 minute intervals during 0700 to 1900 on normal weekdays	Once per week	• CM1 – Nga Lai House, Yau Lai Estate Phase 1, Yau Tong • CM2 – Bik Lai House, Yau Lai Estate Phase 1, Yau Tong • CM3 – Block S, Yau Lai Estate Phase 5, Yau Tong • CM4 – Tin Hau Temple, Cha Kwo Ling • CM5 – CCC Kei Faat Primary School, Yau Tong	• CM1 – Rooftop (41/F) • CM2 – Rooftop (41/F) • CM3 – Rooftop (40/F) • CM4 – Ground Level • CM5 – Rooftop (6/F)

Table III –Landfill Gas Monitoring

Type of Monitoring	Parameter	Frequency	Location
Landfill Gas	Methane, Carbon dioxide and Oxygen	at least daily before starting the work of the day	• Excavation Locations • Manholes and Chambers • Relocation of monitoring wells • Any other Confined Spaces

APPENDIX B
ACTION AND LIMIT LEVELS

APPENDIX B – Action and Limit Levels

Air Quality

1-hr TSP

Monitoring Stations	Location	Action Level, µg/m^3	Limit Level, µg/m^3
AM1	Tin Hau Temple	275	500
AM2	Sai Tso Wan Recreation Ground	273	
AM3	Yau Lai Estate Bik Lai House	271	
AM4	Sitting-out Area at Cha Kwo Ling Village	278	

24-hr TSP

Monitoring Stations	Location	Action Level, µg/m^3	Limit Level, µg/m^3
AM1	Tin Hau Temple	173	260
AM2	Sai Tso Wan Recreation Ground	192	
AM3	Yau Lai Estate Bik Lai House	167	
AM4(A)	Cha Kwo Ling Public Cargo Working Area Administrative Office	210	

Noise

Time Period	Action Level	Limit Level
0700-1900 hrs on normal weekdays	When one documented complaint is received from any one of the monitoring stations	75 dB(A) [(1)]

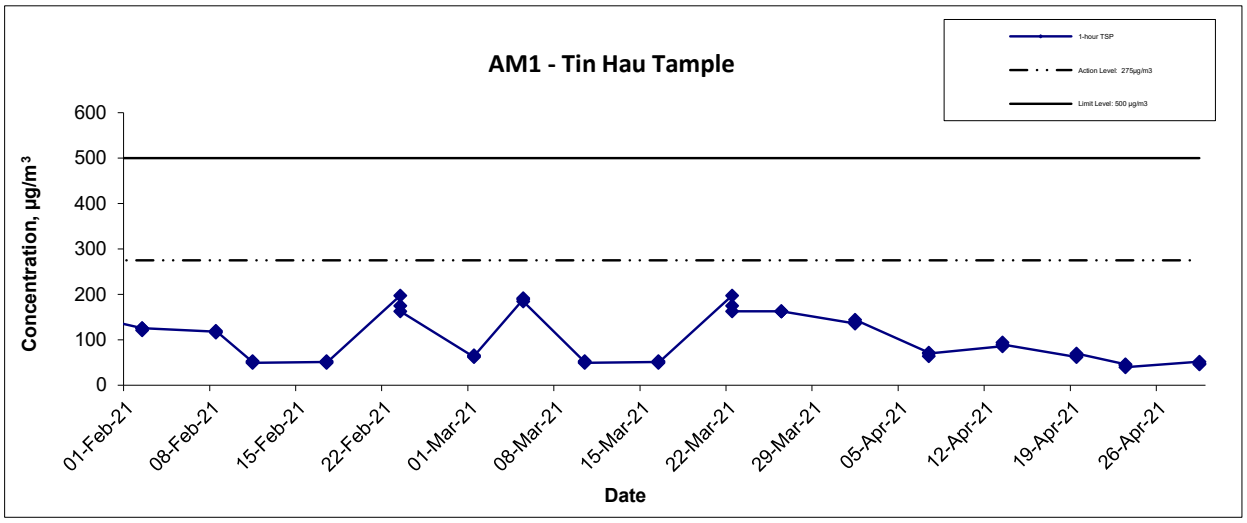
[1] 70 dB(A) for schools and 65 dB(A) for schools during examination period.

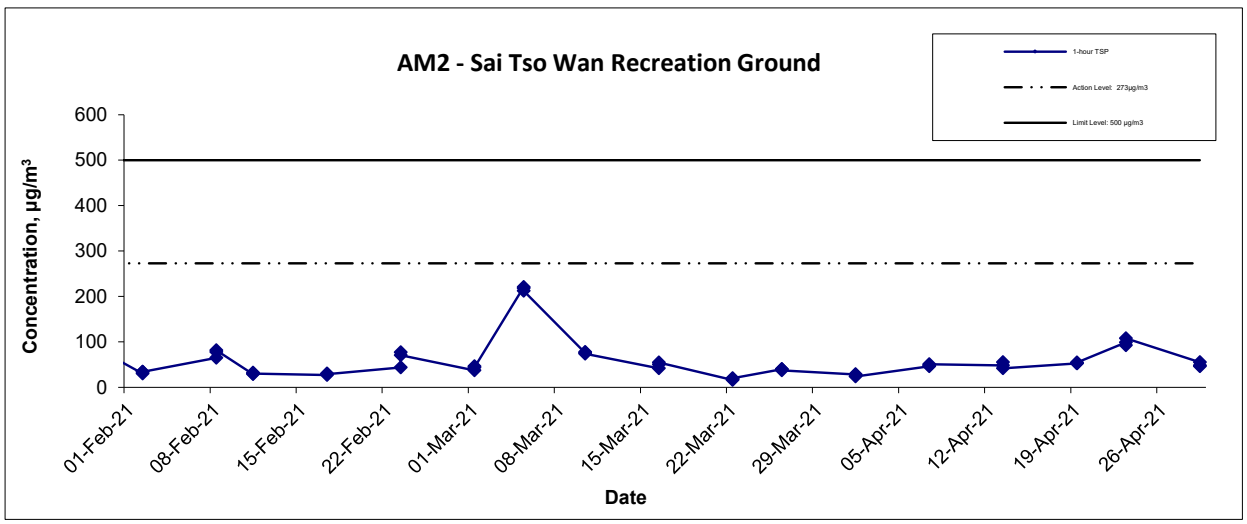
Landfill Gas Monitoring

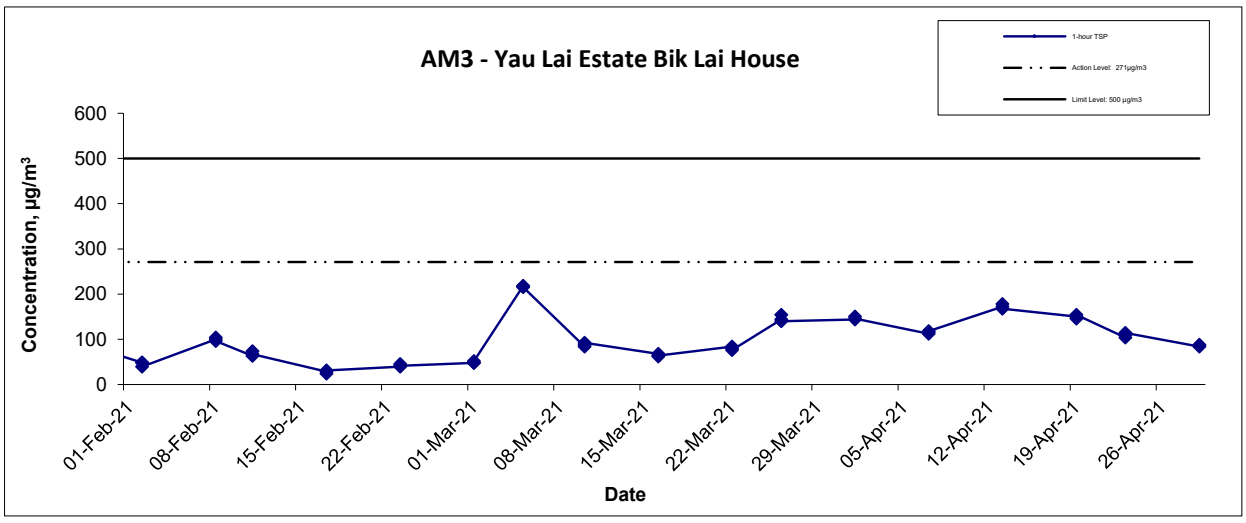
Parameter	Limit Level
Oxygen	<19%
	<18%
Methane	>10% LEL (i.e. > 0.5% by volume)
	>20% LEL (i.e. > 1% by volume)
Carbon Dioxide	>0.5%
	>1.5%

APPENDIX C
GRAPHICAL PRESENTATION OF AIR QUALITY MONITORING RESULTS

1-hr TSP Concentration Levels

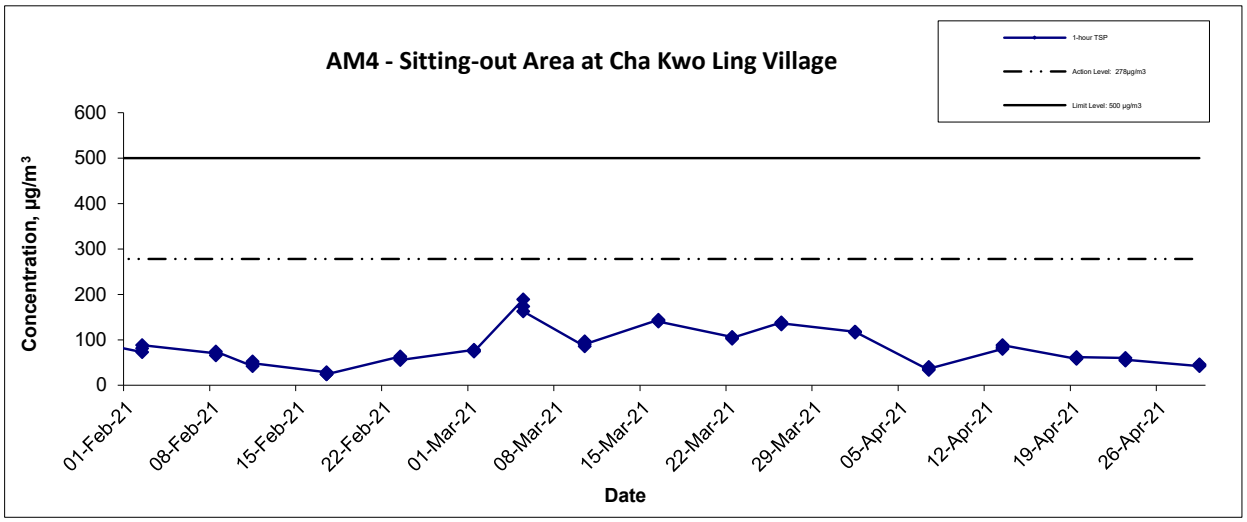






Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 1-hour TSP Monitoring Results	Scale N.T.S Date	Project No. MA20003 Appendix C	CINOTECH

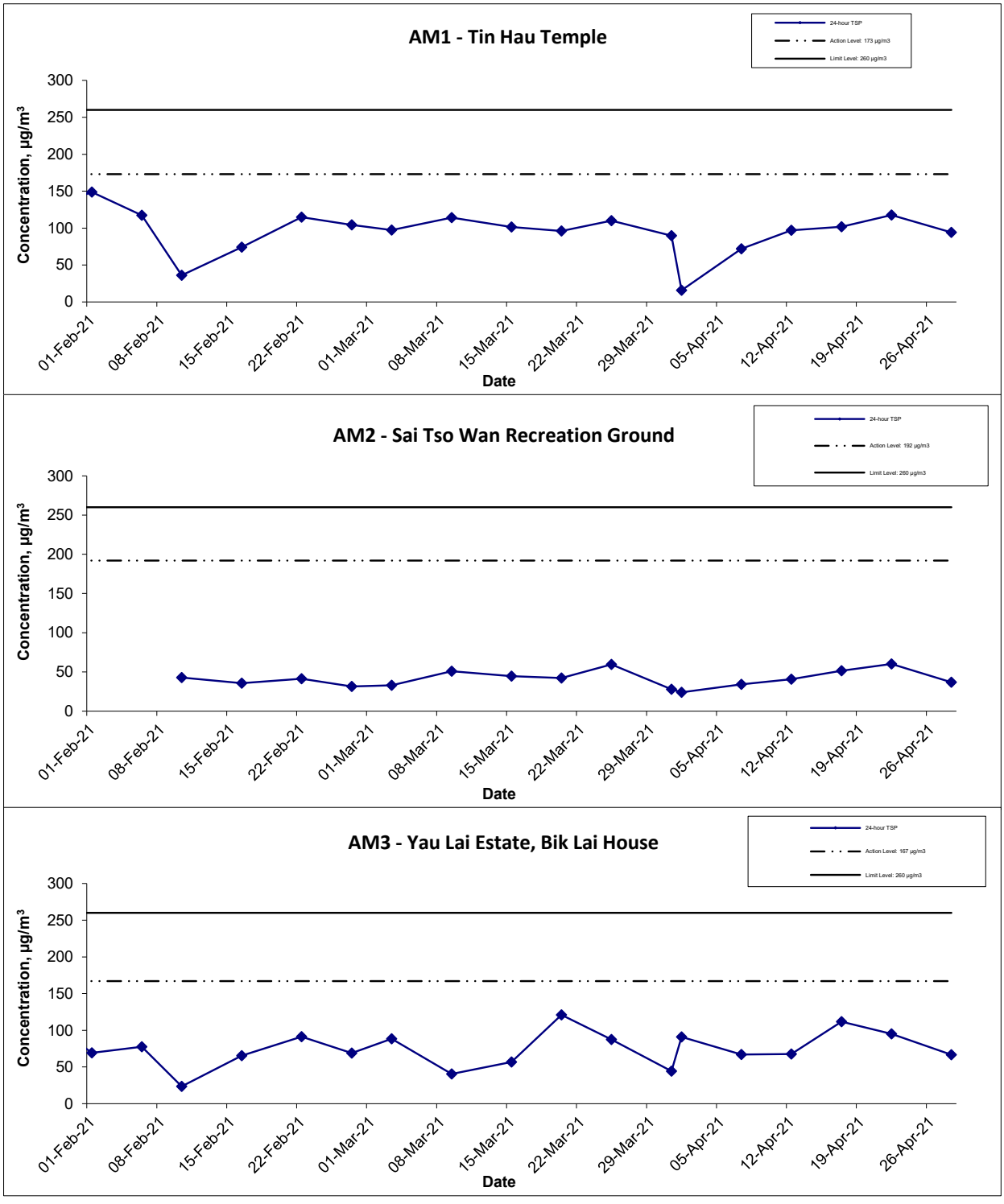
1-hr TSP Concentration Levels



Notes:

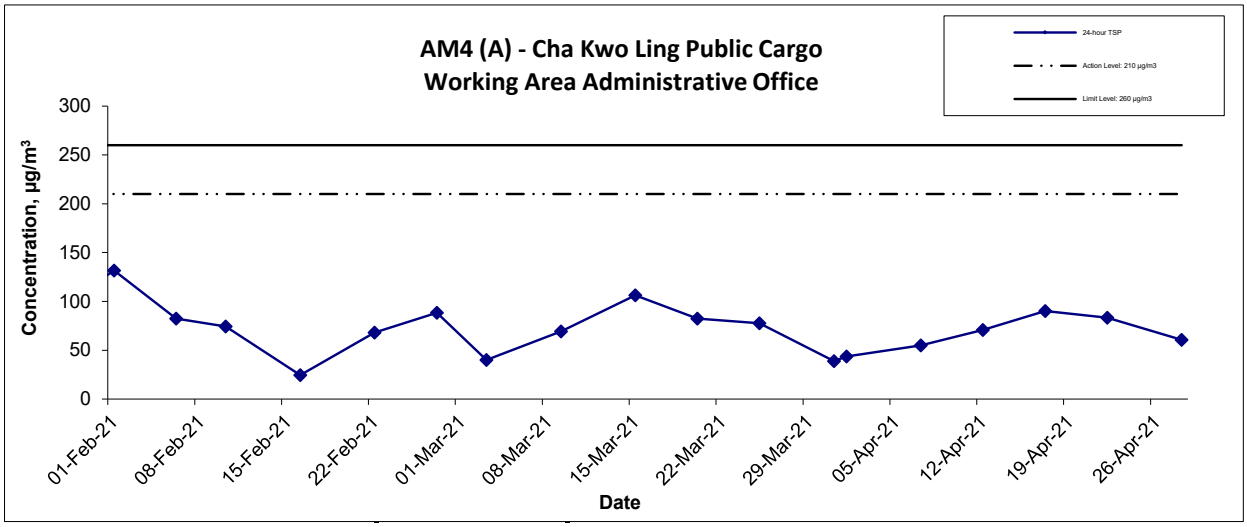
1. The major activitie(s) being carried out on site during the reporting period is/are presented in Section 1.10
2. The weather conditions during the reporting month are presented in Section 3.1.
3. Other factors which might affect the monitoring results are presented in Section 3.16.

Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 1-hour TSP Monitoring Results	Scale N.T.S Date	Project No. MA20003 Appendix C	CINOTECH



Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Scale N.T.S	Project No. MA20003	CINOTECH
	Date	Appendix C	

24-hr TSP Concentration Levels



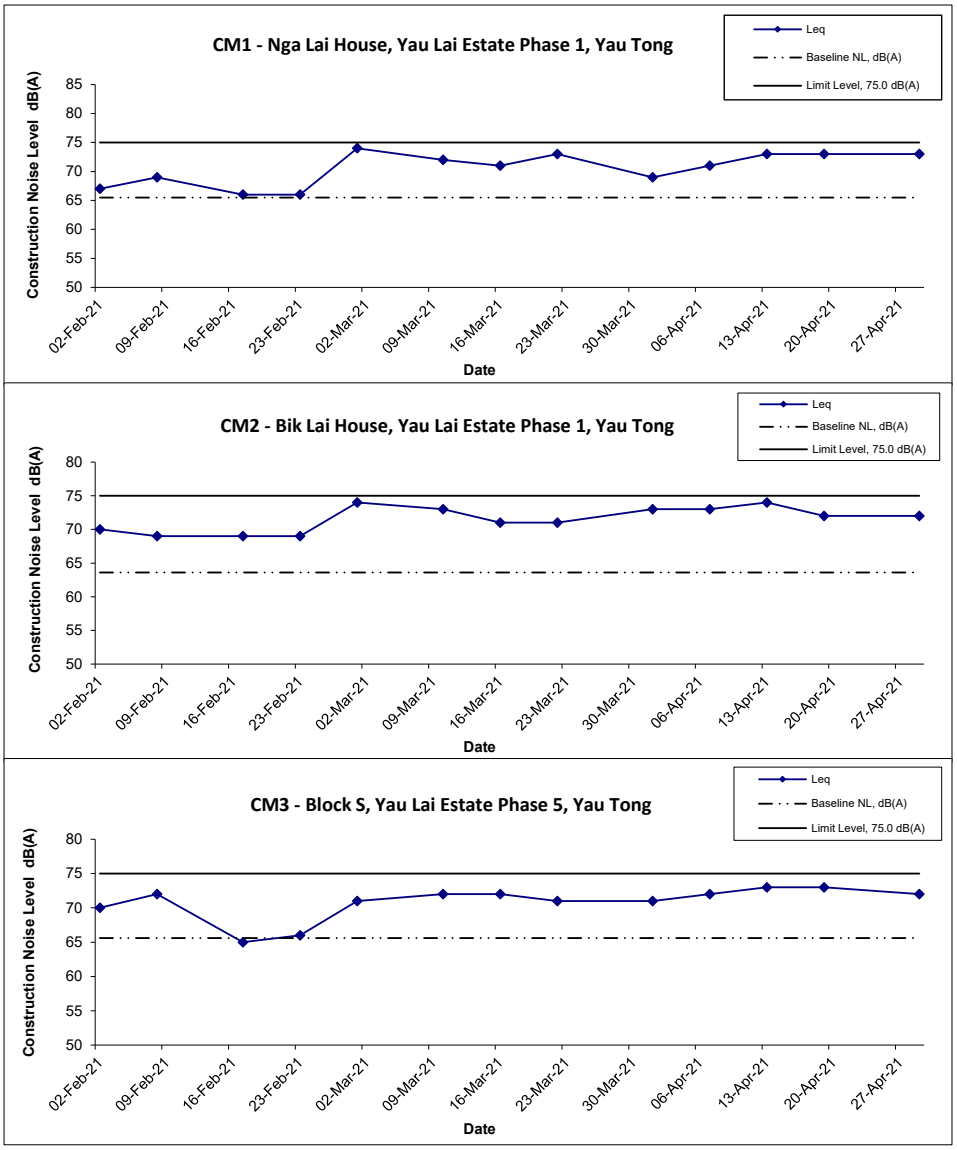
Notes:

1) The major activitie(s) being carried out on site during the reporting period is/are presented in Section 1.10
2) The weather conditions during the reporting month are presented in Section 3.1.
3) Other factors which might affect the monitoring results are presented in Section 3.16.
4) The HVS at AM2 was broken-down during the first week of Feburary 2021.

Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Scale N.T.S Date	Project No. MA20003 Appendix C	CINOTECH

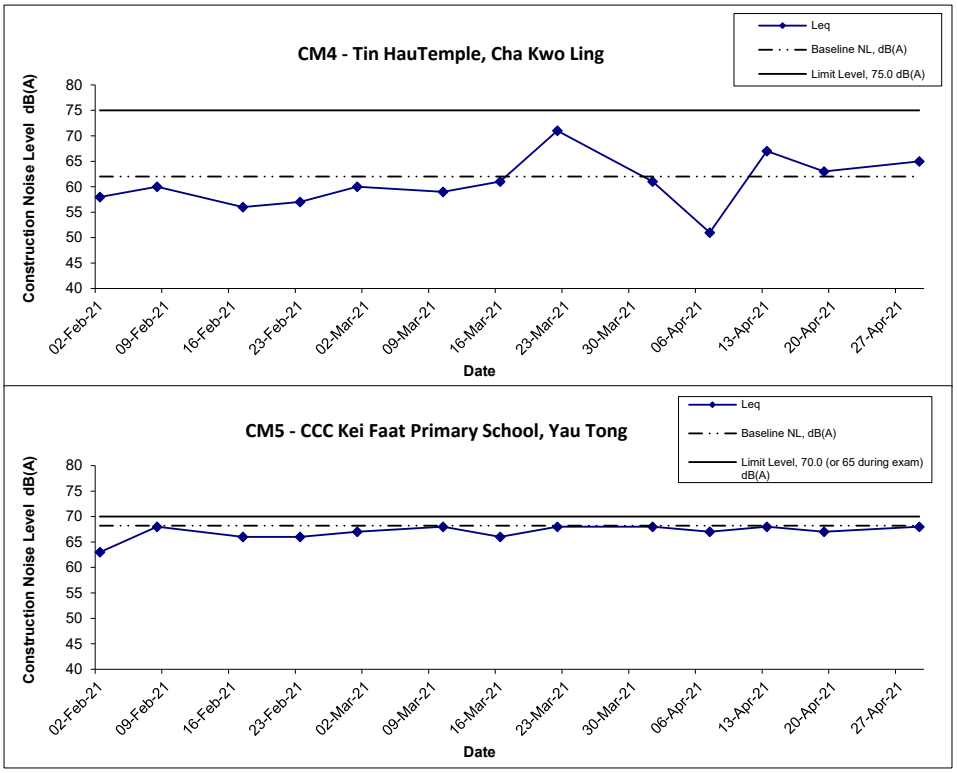
APPENDIX D
GRAPHICAL PRESENTATION OF NOISE MONITORING RESULTS

Noise Levels



Title: Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of Construction Noise Monitoring Results	Scale: N.T.S Date:	Project No.: MA20003 Appendix: D	CINOTECH

Noise Levels

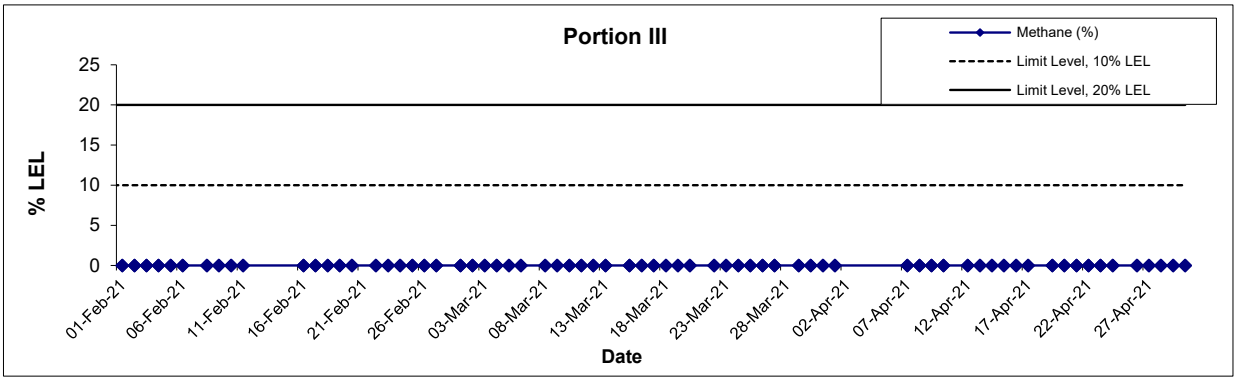


Notes:
1. The major activitie(s) being carried out on site during the reporting period is/are presented in Section 1.10
2. The weather conditions during the reporting month are presented in Section 3.1.
3. Other factors which might affect the monitoring results are presented in Section 3.16.

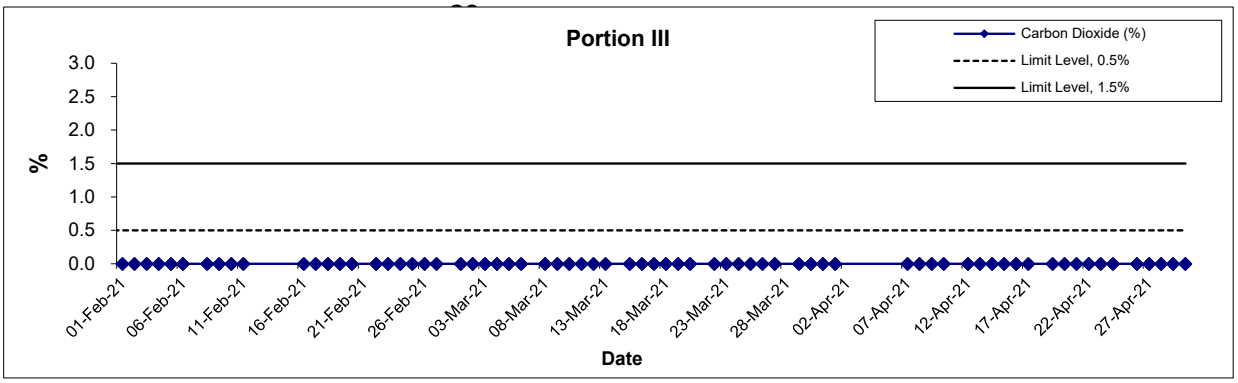
Title: Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of Construction Noise Monitoring Results	Scale: N.T.S Date:	Project No.: MA20003 Appendix: D	CINOTECH

APPENDIX E
GRAPHICAL PRESENTATION OF LANDFILL GAS MONITORING RESULTS

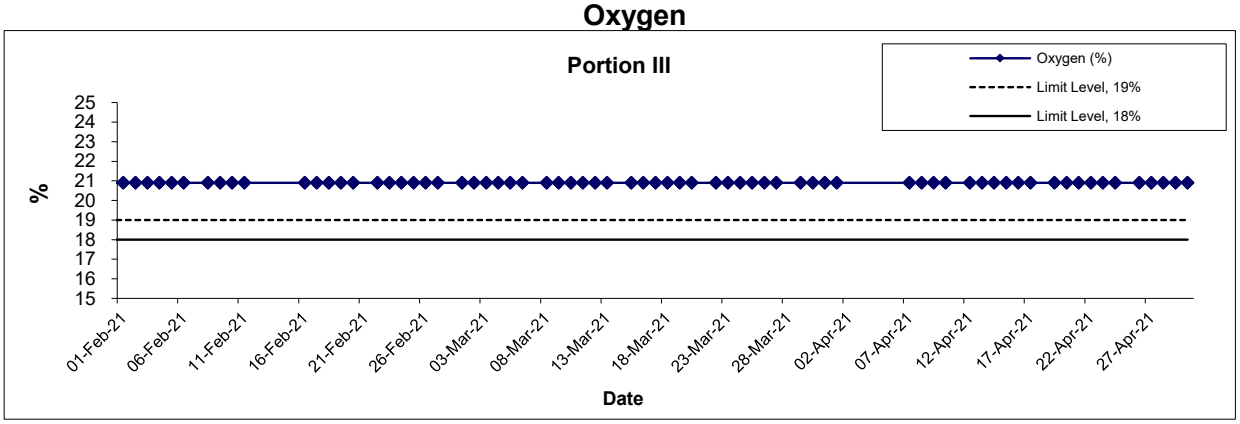
Methane



Carbon Dioxide



Oxygen



Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Scale N.T.S Date	Project No. MA20003 Appendix E	CINOTECH

APPENDIX F
SITE AUDIT SUMMARY

Appendix F - Site Audit Summary

February 2021

Items	Date	Status*	Follow up Action
Water Quality			
--	--	--	--
Ecology			
--	--	--	--
Noise			
--	--	--	--
Landscape and Visual			
--	--	--	--
Air Quality			
--	--	--	--
Waste / Chemical Management			
--	--	--	--
Impact on Cultural Heritage			
--	--	--	--
Permits / Licenses			
--	--	--	--

✔ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
✖ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
\# Follow up action will be reported in next reporting month
✲ Non-compliance of mitigation measure
• Non-compliance but improved by the contractor

Appendix F - Site Audit Summary

March 2021

Items	Date	Status*	Follow up Action
Water Quality			
--	--	--	--
Noise			
--	--	--	--
Landscape and Visual			
--	--	--	--
Air Quality			
--	--	--	--
Waste / Chemical Management			
The skip with accumulation of general refuse was observed	25 March 2021	✔	Item was rectified on 16 April 2021
Impact on Cultural Heritage			
--	--	--	--
Permits / Licenses			
--	--	--	--

✔ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
✖ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
\# Follow up action will be reported in next reporting month

✲ Non-compliance of mitigation measure

- Non-compliance but rectified by the contractor

Appendix F - Site Audit Summary

April 2021

Items	Date	Status*	Follow up Action
Water Quality			
--	--	--	--
Noise			
--	--	--	--
Landscape and Visual			
--	--	--	--
Air Quality			
--	--	--	--
Waste / Chemical Management			
Accumulation of general refuse should be avoided.	01 April 2021	✔	Item was rectified on 16 April 2021
Accumulation of general refuse was observed continuously.	08 April 2021	✔	Item was rectified on 16 April 2021
Contractor shall avoid accumulation of general refuse.	16 April 2021	✔	Item was rectified on 22 April 2021
Accumulation of general refuse was observed	22 April 2021	✔	Item was rectified on 29 April 2021
Impact on Cultural Heritage			
--	--	--	--
Permits / Licenses			
--	--	--	--

✔ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
✖ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
\# Follow up action will be reported in next reporting month

❇ Non-compliance of mitigation measure
- Non-compliance but rectified by the contractor

APPENDIX G
ENVIRONMENTAL MITIGATION
IMPLEMENTATION SCHEDULE (EMIS)

App G - ENVIRONMENTAL MITIGATION IMPLEMENTATION SCHEDULE (EMIS)

Table I - Recommended Mitigation Measures stipulated in EM&A Manual for the Project

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
Air Quality						
S3.8.1	Watering eight times a day on active works areas, exposed areas and paved haul roads	To minimize the dust impact	Contractor	All Active Work Sites	Construction phase	APCO
S3.8.1	Enclosing the unloading process at barging point by a 3-sided screen with top tipping hall / mixing area in Work Area A, provision of water spraying and flexible dust curtains	To minimize the dust impact	Contractor	Barging Points	Construction phase	APCO
S3.8.7	Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides. • Use of frequent watering for particularly dusty construction areas and areas close to ASRs.. • Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering shall be applied to aggregate fines. • Open stockpiles shall be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs. • Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations. • Establishment and use of vehicle wheel and body washing facilities at the exit points of the site. • Provision of wind shield and dust extraction units or similar dust mitigation measures at the loading area of barging point, and use of water sprinklers at the loading area where dust generation is likely during the loading process of loose material, particularly in dry seasons/ periods. • Provision of not less than 2.4m high hoarding from ground level along site boundary where adjoins a road, streets or other accessible to the public except for a site entrance or exit. • Imposition of speed controls for vehicles on site haul roads. • Where possible, routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs • Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides. • Instigation of an environmental monitoring and auditing program to monitor the construction process in order to enforce controls and modify method of work if dusty conditions arise.	To minimize the dust impact	Contractor	All Construction Work Sites	Construction phase	APCO and Air Pollution Control (Construction Dust) Regulation
/	Emission from Vehicles and Plants • All vehicles shall be shut down in intermittent use. • Only well-maintained plant should be operated on-site and plant should be serviced regularly to avoid emission of black smoke. • All diesel fuelled construction plant within the works areas shall be powered by ultra low sulphur diesel fuel (ULSD)	Reduce air pollution emission from construction vehicles and plants	Contractor	All construction sites	Construction stage	APCO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
/	Valid No-road Mobile Machinery (NRMM) labels should be provided to regulated machines	Reduce air pollution emission from construction vehicles and plants	Contractor	All construction sites	Construction stage	APCO
Noise Impact (Construction Phase)						
S4.8	• Use of quiet PME. Use of movable noise barriers for Excavator, Lorry, Dump Truck, Mobile Crane, Compactor, Concrete Mixer Truck, Concrete Lorry Mixer, Breaker, Mobile Crusher, Backhoe, Vibratory Poker, Saw, Asphalt Paver, Vibratory Roller, Vibrolance, Hydraulic Vibratory Lance and Piling (Vibration Hammer). Use of full enclosure for Air Compressor, Compressor, Bar Bender, Generator, Drilling Rig, Chisel, Large Diameter Bore Piling, Grout Mixer & Pump and Concrete Pump.	To minimize construction noise impact arising from the Project at the affected NSRs	Contractor	Work Sites	Construction phase	EIAO-TM, NCO
Noise Mitigation Plan	Use of Temporary Noise Barriers (i.e Acoustic box, SilentUp and etc.) or Full Enclosure for PME according to the approved Noise Mitigation Plan	To minimize construction noise impact arising from the Project at the affected NSRs	Contractor	Work Sites	Construction phase	EIAO-TM, NCO
S4.9	**Good Site Practice** • Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction program • Silencers or mufflers on construction equipment should be utilized and should be properly maintained during the construction program. • Mobile plant, if any, should be sited as far away from NSRs as possible. • Machines and plant (such as trucks) that may be in intermittent use should be shut down between works periods or should be throttled down to a minimum. • Plant known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from the nearby NSRs. • Material stockpiles and other structures should be effectively utilized, wherever practicable, in screening noise from on-site construction activities.	To minimize construction noise impact arising from the Project at the affected NSRs	Project Proponent	Work sites	Construction Period	EIAO-TM, NCO
S4.9	Scheduling of Construction Works during School Examination Period	To minimize construction noise impact arising from the Project at the affected NSRs	Contractor	Work site near school	Construction phase	EIAO-TM, NCO
Water Quality Impact (Construction Phase)						
S5.6.24	The dry density of filling material for the TKO-LT Tunnel reclamation should be 1,900kg/m^3, with fine content of 25% or less	Control potential impacts from filling activities	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO
S5.8.1	Non-dredged method by constructing steel cellular caisson structure with stone column shall be adopted for construction of seawall foundation. During the stone column installation (also including the installation of steel cellular caisson), silt curtain shall be employed around the active stone column installation points.	Control potential impacts from filling activities	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO
S5.8.2	Formation of seawall enclosing the reclamation for Road P2 (notwithstanding an opening of about 50m for marine access) shall be completed prior to the filling activities. The seawall opening of about 50m wide for marine access shall be selected at a location as indicatively shown in Appendix 5.10. No more than 3 filling barge trips per day shall be made with a maximum daily rate of 3,000m^3 (i.e. 1,000 m^3 per trip) for the filling operation at the reclamation area for Road P2. All filling works shall be carried out behind the seawall with the use of single silt curtain at the marine access.	Control potential impacts from filling activities	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO
Silt Curtain Deployment Plan	• Silt curtains should be deployed properly to surround the works area. • Maintenance of silt curtain should be provided. • Sufficient stock of silt curtain should be provided on site.	Control potential impacts from marine woroks	Contractor	NE/2015/01	Construction stage	EIAO
	Other good site practices should be undertaken during filling operations include: • all marine works should adopt the environmental friendly construction methods as far as practically possible including the use of cofferdams to cover the construction area to separate the construction works from the sea; • floating single silt curtain shall be employed for all marine works; • all vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash;					

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.3	• all hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material; • excess material shall be cleaned from the decks and exposed fittings of barges before the vessel is moved; • adequate freeboard shall be maintained on barges to reduce the likelihood of decks being washed by wave action; • loading of barges and hoppers should be controlled to prevent splashing of filling material into the surrounding water. Barges or hoppers should not be filled to a level that will cause the overflow of materials or polluted water during loading or transportation; • any pipe leakages shall be repaired quickly. Plant should not be operated with leaking pipes; • construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site or dumping grounds; and • before commencement of the reclamation works, the holder of Environmental Permit has to submit plans showing the phased construction of the reclamation, design and operation of the silt curtain.	Control potential impacts from filling activities and marine-based construction	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO, Waste Disposal Ordinance (WDO)
S5.8.4	Site specific mitigation plan for reclamation areas using public fill materials should be submitted for EPD agreement before commencement of construction phase with due consideration of good site practices.	Control potential impacts from filling activities and marine based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
ERR S5.6.1	To minimize water quality impact arising from the dredging and filling works for Reclamation for Road P2, the following mitigation measures shall be implemented: - Before carrying out any dredging and underwater filling works, a temporary barrier shall first be constructed to a height above the high water mark to completely enclose the works site (without any opening at the barrier wall) - The temporary barrier fully enclosing the dredging and underwater filling works site shall not be removed before completion of all dredging and underwater filling works. - Water quality sampling and testing shall be carried out to demonstrate that the water quality inside the enclosed barrier is comparable to the ambient or baseline levels prior to the removal of the fully enclosed barrier. - Silt curtains shall be deployed for the installation and removal of the temporary barrier and at the double water gates marine access opening during its operation.	Control potential impacts from dredging and filling works for Reclamation for Road P2	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.5	It is important that appropriate measures are implemented to control runoff and drainage and prevent high loading of SS from entering the marine environment. Proper site management is essential to minimise surface water runoff, soil erosion and sewage effluents.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.6	Any practical options for the diversion and realignment of drainage should comply with both engineering and environmental requirements in order to ensure adequate hydraulic capacity of all drains.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Design Stage and Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO, TM-DSS
S5.8.7	Construction site runoff and drainage should be prevented or minimised in accordance with the guidelines stipulated in the EPD's Practice Note for Professional Persons, Construction Site Drainage (ProPECC PN 1/94). Good housekeeping and stormwater best management practices, as detailed in below, should be implemented to ensure that all construction runoff complies with WPCO standards and no unacceptable impact on the WSRs arises due to construction of the TKO-LT Tunnel. All discharges from the construction site should be controlled to comply with the standards for effluents discharged into the corresponding WCZ under the TM-DSS.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO, TM-DSS
S5.8.8	Exposed soil areas should be minimised to reduce the potential for increased siltation, contamination of runoff, and erosion. Construction runoff related impacts associated with the above ground construction activities can be readily controlled through the use of appropriate mitigation measures which include:	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.8	• use of sediment traps; and					
S5.8.8	• adequate maintenance of drainage systems to prevent flooding and overflow.					
S5.8.9	Construction site should be provided with adequately designed perimeter channel and pretreatment facilities and proper maintenance. The boundaries of critical areas of earthworks should be marked and surrounded by dykes or embankments for flood protection. Temporary ditches should be provided to facilitate runoff discharge into the appropriate watercourses, via a silt retention pond. Permanent drainage channels should incorporate sediment basins or traps and baffles to enhance deposition rates. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.10	Ideally, construction works should be programmed to minimise surface excavation works during the rainy season (April to September). All exposed earth areas should be completed as soon as possible after earthworks have been completed, or alternatively, within 14 days of the cessation of earthworks where practicable. If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.11	Sedimentation tanks of sufficient capacity, constructed from pre-formed individual cells of approximately 6 to 8m^3 capacity, are recommended as a general mitigation measure which can be used for settling surface runoff prior to disposal. The system capacity is flexible and able to handle multiple inputs from a variety of sources and particularly suited to applications where the influent is pumped.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.12	Earthworks final surfaces should be well compacted and the subsequent permanent work or surface protection should be carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms. Appropriate drainage like intercepting channels should be provided where necessary.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.13	Measures should be taken to minimize the ingress of rainwater into trenches. If excavation of trenches in wet seasons is necessary, they should be dug and backfilled in short sections. Rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.14	Open stockpiles of construction materials (for examples, aggregates, sand and fill material) of more than 50m^3 should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.15	Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and storm runoff being directed into foul sewers. Discharge of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.16	Precautions to be taken at any time of year when rainstorms are likely, actions to be taken when a rainstorm is imminent or forecast, and actions to be taken during or after rainstorms are summarised in Appendix A2 of ProPECC PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events, especially for areas located near steep slopes.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.17	Oil interceptors should be provided in the drainage system and regularly cleaned to prevent the release of oils and grease into the storm water drainage system after accidental spillages. The interceptor should have a bypass to prevent flushing during periods of heavy rain.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.18	All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and located wheel washing bay should be provided at every site exit, and washwater should have sand and silt settled out and removed at least on a weekly basis to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheelwash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.19	Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.20	It is recommended that on-site drainage system should be installed prior to the commencement of other construction activities. Sediment traps should be installed in order to minimise the sediment loading of the effluent prior to discharge into foul sewers. There shall be no direct discharge of effluent from the site into the sea.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.21	All temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge should be adequately designed for the controlled release of storm flows. All sediment control measures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly following rain storms. The temporarily diverted drainage should be reinstated to its original condition when the construction work has finished or the temporary diversion is no longer required.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.22	All fuel tanks and storage areas should be provided with locks and be located on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank, to prevent spilled fuel oils from reaching the coastal waters.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.23	Minimum distances of 100m shall be maintained between the existing or planned stormwater discharges and the existing or planned seawater intakes during construction and operational phases	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO, TMDSS
S5.8.24	Under normal circumstances, groundwater pumped out of wells, etc. for the lowering of ground water level in basement or foundation construction, and groundwater seepage pumped out of tunnels or caverns under construction should be discharged into storm drains after the removal of silt in silt removal facilities.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.25 - S5.8.27 & Table 5.18	Grouting would be adopted as measure to reduce the groundwater inflow into the tunnel. During the tunnel excavation, the inflow rate of groundwater into the tunnel will be measured during the excavation. The groundwater levels above the tunnel will also be monitored by piezometers. If the inflow rate exceeds the pre-determined groundwater control criteria or the groundwater drawdown exceeds the required limit, pre-excavation grouting will be required to reduce the groundwater inflow. No significant change of groundwater levels would therefore be expected. Any chemicals/ foaming agents which would be entrained to the groundwater should be biodegradable and non-toxic throughout the tunnel construction. Potential groundwater quality impact would be minimal as the used material is non-toxic and biodegradable. No adverse groundwater quality would therefore be expected. Prescriptive measures in the form of an Action Plan with pre-emptive and re-active to preserve the groundwater levels at all times during the tunnel construction are set out in Table 5.18.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO, Buildings Ordinance
S5.8.28	Water used in ground boring and drilling for site investigation or rock / soil anchoring should as far as practicable be recirculated after sedimentation. When there is a need for final disposal, the wastewater should be discharged into storm drains via silt removal facilities.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Design Stage and Construction Phas	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.29 - S5.8.31	Wastewater generated from the washing down of mixing trucks and drum mixers and similar equipment should whenever practicable be recycled. The discharge of wastewater should be kept to a minimum. To prevent pollution from wastewater overflow, the pump sump of any water recycling system should be provided with an online standby pump of adequate capacity and with automatic alternating devices. Under normal circumstances, surplus wastewater may be discharged into foul sewers after treatment in silt removal and pH adjustment facilities (to within the pH range of 6 to 10). Disposal of wastewater into storm drains will require more elaborate treatment.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.32	All vehicles and plant should be cleaned before they leave a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. A wheel washing bay should be provided at every site exit if practicable and wash-water should have sand and silt settled out or removed before discharging into storm drains. The section of construction road between the wheel washing bay and the public road should be paved with backfall to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.33	Bentonite slurries used in diaphragm wall and borepile construction should be reconditioned and reused wherever practicable. If the disposal of a certain residual quantity cannot be avoided, the used slurry may be disposed of at the marine spoil grounds subject to obtaining a marine dumping licence from EPD on a case-by-case basis.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.34	If the used bentonite slurry is intended to be disposed of through the public drainage system, it should be treated to the respective effluent standards applicable to foul sewer, storm drains or the receiving waters as set out in the WPCO Technical Memorandum on Effluent Standards.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.35	Water used in water testing to check leakage of structures and pipes should be reused for other purposes as far as practicable. Surplus unpolluted water could be discharged into storm drains.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.36	Sterilization is commonly accomplished by chlorination. Specific advice from EPD should be sought during the design stage of the works with regard to the disposal of the sterilizing water. The sterilizing water should be reused wherever practicable.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Design Stage and Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.37	Before commencing any demolition works, all sewer and drainage connections should be sealed to prevent building debris, soil, sand etc. from entering public sewers/drains.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.38	Wastewater generated from building construction activities including concreting, plastering, internal decoration, cleaning of works and similar activities should not be discharged into the stormwater drainage system. If the wastewater is to be discharged into foul sewers, it should undergo the removal of settleable solids in a silt removal facility, and pH adjustment as necessary	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.39	Acidic wastewater generated from acid cleaning, etching, pickling and similar activities should be neutralized to within the pH range of 6 to 10 before discharging into foul sewers. If there is no public foul sewer in the vicinity, the neutralized wastewater should be tinkered off site for disposal into foul sewers or treated to a standard acceptable to storm drains and the receiving waters	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.40	Wastewater collected from canteen kitchens, including that from basins, sinks and floor drains, should be discharged into foul sewer via grease traps capable of providing at least 20 minutes retention during peak flow.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.41	Drainage serving an open oil filling point should be connected to storm drains via a petrol interceptor with peak storm bypass.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.42	Vehicle and plant servicing areas, vehicle wash bays and lubrication bays should as far as possible be located within roofed areas. The drainage in these covered areas should be connected to foul sewers via a petrol interceptor. Oil leakage or spillage should be contained and cleaned up immediately. Waste oil should be collected and stored for recycling or disposal in accordance with the Waste Disposal Ordinance.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.43	Construction work force sewage discharges on site are expected to be connected to the existing trunk sewer or sewage treatment facilities. The construction sewage may need to be handled by portable chemical toilets prior to the commission of the on-site sewer system. Appropriate numbers of portable toilets shall be provided by a licensed contractor to serve the large number of construction workers over the construction site. The Contractor shall also be responsible for waste disposal and maintenance practices.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.44	Contractor must register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	Control potential impacts from accidental spillage of chemicals	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO, WDO
S5.8.45	Any service shop and maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges.	Control potential impacts from accidental spillage of chemicals	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO
S5.8.46	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The "Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes" published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows: • suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport; • chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents; and • storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.	Control potential impacts from accidental spillage of chemicals	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO, WDO
S5.8.47	Collection and removal of floating refuse should be performed at regular intervals on a daily basis. The contractor should be responsible for keeping the water within the site boundary and the neighbouring water free from rubbish.	Control potential impacts from floating refuse and debris	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO,
Ecological Impact						
S6.8.4	**Measures to Minimize Disturbance** • Use of Quiet Mechanical Plant during the construction phase should be adopted wherever possible. • Hoarding or fencing should be erected around the works area boundaries during the construction phase. The hoarding would screen adjacent habitats from construction phase activities, reduce noise disturbance to these habitats and also to restrict access to habitats adjacent to works areas by site workers; • Regular spraying of haul roads to minimize impacts of dust deposition on adjacent vegetation and habitats during the construction activities	Minimize noise, human and traffic disturbance to terrestrial habitat and wildlife; and reduce dust generation	Design Team / Contractor	Land-based works are	Construction Phase	N/A
	Standard Good Site Practice • Placement of equipment or stockpile in designated works areas and access routes selected on existing disturbed land to minimise disturbance to natural habitats.					

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S6.8.5	• Construction activities should be restricted to works areas that should be clearly demarcated. The works areas should be reinstated after completion of the works. • Waste skips should be provided to collect general refuse and construction wastes. The wastes should be properly disposed off-site in a timely manner. • General drainage arrangements should include sediment and oil traps to collect and control construction site run-off. • Open burning on works sites is illegal, and should be strictly prohibited. • Measures should also be put into place so that litter, fuel and solvents do not enter the nearby watercourses.	Reduce disturbance to surrounding habitats	Contractor	Land-based works are	Construction Phase	N/A
S6.8.6	**Measure to Minimize Groundwater Inflow** • The drained tunnel construction method with groundwater inflow control measures would generally be adopted. • During the tunnel excavation, pre-excavation grouting could be adopted to reduce the groundwater inflow and ensure that the tunnel would meet the long term water tightness requirements.	Minimize groundwater inflow	Contractor	Tunnel	Construction Phase	N/A
S6.8.8	**Measure to Minimize Impact on Corals** <u>Coral translocation</u> • It is recommended to translocate the affected coral colonies, except the locally common *Oulastrea crispata* , within the reclamation area and bridge footprint to the other suitable locations as far as practicable. • The coral translocation should be conducted during the winter months (November-March) in order to avoid disturbance during their spawning period (i.e. July to October). • A detailed coral translocation plan with a description on the methodology for pretranslocation coral survey, translocation methodology, identification/proposal of coral recipient site, monitoring methodology for posttranslocation should be prepared during the detailed design stage. • The coral translocation plan should be subject to approval by relevant authorities (e.g. EPD and AFCD) before commencement of the coral translocation. All the translocation exercises should be conducted by experienced marine ecologist(s) who is/are approved by AFCD prior to commencement of coral translocation. <u>Post translocation Monitoring</u> • A coral monitoring programme is recommended to assess any adverse and unacceptable impacts to the translocated coral communities • Information gathered during each posttranslocation monitoring survey should include observations on the presence, survival, health condition and growth of the translocated coral colonies. These parameters should then be compared with the baseline results collected from the pre-translocation survey.	Minimize loss of coral	Design team, contractor, project operator	Within reclamation areas and pier footprint	Prior construction	N/A
S6.8.9 S6.8.10	**Measure to Control Water Quality Impact** • Deployment of silt curtains around the active stone column installation points, opening of newly installed seawall and marine works area. • Diverting of the site runoff to silt trap facilities before discharging into storm drain; • Proper waste and dumping management; and • Standard good-site practice for land-based construction.	Control water quality impact, especially on suspended solid level; minimize the contamination of wastewater discharge, accidental chemical spillage and construction site runoff to the receiving water bodies	Design Team, contractor	Marine and landbased works area	Construction phase	WQO
S6.8.11	**Compensation for Vegetation Loss** • Felling of mature trees should be compensated by planting of standard or heavy standard trees within or in vicinity of the affected area as far as practicable. Such compensatory planting for trees should be provided with at least a 1:1 ratio. In addition, vegetation at the temporarily affected area should be reinstated with species similar to the existing condition.	Compensate for the vegetation loss	Design Team, contractor	Land-based works area	Construction phase	N/A
Fisheries Impact						

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S7.7.3	**Measure to Control Water Quality Impact** • Deployment of silt curtains around the active stone column installation points, opening of newly installed seawall and marine works area.	Control water quality impact, especially on suspended solid level	Design Team / Contractor	Marine work area	Construction phase	WQO
Waste Management (Construction Phase)						
S8.6.3	**Good Site Practices and Waste Reduction Measures** • Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site; • Training of site personnel in site cleanliness, proper waste management and chemical handling procedures; • Provision of sufficient waste disposal points and regular collection of waste; • Appropriate measures to minimize windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers; and • Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors.	To reduce waste management impacts	Contractor	All work sites	Construction Phase	Waste Disposal Ordinance (Cap. 354) Land (Miscellaneous Provisions) Ordinance (Cap. 28)
S8.6.4	***Good Site Practices and Waste Reduction Measures (con't)*** • Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal; • Encourage collection of aluminium cans by providing separate labelled bins to enable this waste to be segregated from other general refuse generated by the workforce; • Proper storage and site practices to minimize the potential for damage or contamination of construction materials; and • Plan and stock construction materials carefully to minimize amount of waste generated and avoid unnecessary generation of waste.	To achieve waste reduction	Contractor	All work sites	Construction Phase	Waste Disposal Ordinance (Cap. 354) Land (Miscellaneous Provisions) Ordinance (Cap. 28)
S8.6.5	**Good Site Practices and Waste Reduction Measures (con't)** The Contractor shall prepare and implement a WMP as part of the EMP in accordance with ETWB TCW No. 19/2005 which describes the arrangements for avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal of different categories of waste to be generated from the construction activities. Such a management plan should incorporate site specific factors, such as the designation of areas for segregation and temporary storage of reusable and recyclable materials. The EMP should be submitted to the Engineer for approval. The Contractor should implement the waste management practices in the EMP throughout the construction stage of the Project. The EMP should be reviewed regularly and updated by the Contractor.	To achieve waste reduction	Contractor	All work sites	Construction Phase	ETWB TCW No. 19/2005
S8.6.6	**Good Site Practices and Waste Reduction Measures (con't)** • C&D materials would be reused in the project and other local concurrent projects as far as possible.	To achieve waste reduction	Contractor	All work sites	Construction Phase	ETWB TCW No. 19/2005
S8.6.7	**Storage, Collection and Transportation of Waste** Should any temporary storage or stockpiling of waste is required, recommendations to minimize the impacts include: • Waste, such as soil, should be handled and stored well to ensure secure containment, thus minimizing the potential of pollution; • Maintain and clean storage areas routinely; • Stockpiling area should be provided with covers and water spraying system to prevent materials from wind-blown or being washed away; and • Different locations should be designated to stockpile each material to enhance reuse.	To minimize potential adverse environmental impacts arising from waste storage	Contractor	All work sites	Construction Phase	ETWB TCW No. 19/2005
	Storage, Collection and Transportation of Waste (con't)					

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S8.6.8/ Waste Management Plan	• Remove waste in timely manner; • Waste collectors should only collect wastes prescribed by their permits; • Impacts during transportation, such as dust and odour, should be mitigated by the use of covered trucks or in enclosed containers; • Obtain relevant waste disposal permits from the appropriate authorities, in accordance with the Waste Disposal Ordinance (Cap. 354), Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 345) and the Land (Miscellaneous Provisions) Ordinance (Cap. 28); • Waste should be disposed of at licensed waste disposal facilities/ alternative disposal ground approved by RE and DEP; and • Maintain records of quantities of waste generated, recycled and disposed.	To minimize potential adverse environmental impacts arising from waste collection and disposal	Contractor	All work sites	Construction Phase	ETWB TCW No. 19/2005
S8.6.9/ Waste Management Plan	**Storage, Collection and Transportation of Waste (con't)** • Implementation of trip ticket system with reference to DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials, to monitor disposal of waste and to control fly-tipping at PFRFs or landfills. A recording system for the amount of waste generated, recycled and disposed (including disposal sites) should be proposed.	To minimize potential adverse environmental impacts arising from waste collection and disposal	Contractor	All work sites	Construction Phase	DEVB TCW No. 6/2010
S8.6.11 - S8.6.13/ Waste Management Plan	**Sorting of C&D Materials** • Sorting to be performed to recover the inert materials, reusable and recyclable materials before disposal off-site. • Specific areas shall be provided by the Contractors for sorting and to provide temporary storage areas for the sorted materials. • The C&D materials should at least be segregated into inert and non-inert materials, in which the inert portion could be reused and recycled in the reclamation as far as practicable before delivery to PFRFs. While opportunities for reusing the non-inert portion should be investigated before disposal of at designated landfills	To minimize potential adverse environmental	Contractor	All work sites	Construction Phase	DEVB TCW No. 6/2010 ETWB TCW No. 33/2002 ETWB TCW No. 19/2005
S8.6.17 – S8.6.20	**Sediments (con't)** • Requirements of the Air Pollution Control (Construction Dust) Regulation, where relevant, shall be adhered to during boring, excavation, transportation and disposal of sediments or cement stabilization of sediment. • A treatment area should be confined for carrying out the cement stabilization mixing and temporary stockpile. The area should be designed to prevent leachate from entering the ground. Leachate, if any, should be collected and discharged according to the Water Pollution Control Ordinance (WPCO). • In order to minimise the potential odour / dust emissions during boring, excavation and transportation of the sediment, the excavated sediments should be kept wet during excavation/boring and should be properly covered when placed on barges/trucks. Loading of the excavated sediment to the barge should be controlled to avoid splashing and overflowing of the sediment slurry to the surrounding water. • In order to minimise the exposure to contaminated materials, workers should, when necessary, wear appropriate personal protective equipments (PPE) when handling contaminated sediments. Adequate washing and cleaning facilities should also be provided on site.	To determine the best handling and treatment of sediment	Contractor	All works areas with sediments concern	Construction Phase	ETWB TCW No. 19/2005
	Sediments (con't) • The excavated sediments is expected to be loaded onto the barge and transported to the designated disposal sites allocated by the MFC. The excaveted sediment would be disposed of according to its determined disposal options and ETWB TC(W) No. 34/2002.					

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S8.6.24 - S8.6.28/ Waste Management Plan	• Stockpiling of contaminated sediments should be avoided as far as possible. If temporary stockpiling of contaminated sediments is necessary, the excavated sediment should be covered by tarpaulin and the area should be placed within earth bunds or sand bags to prevent leachate from entering the ground, nearby drains and surrounding water bodies. The stockpiling areas should be completely paved or covered by linings in order to avoid contamination to underlying soil or groundwater. Separate and clearly defined areas should be provided for stockpiling of contaminated and uncontaminated materials. Leachate, if any, should be collected and discharged according to the Water Pollution Control Ordinance (WPCO). • In order to minimise the potential odour / dust emissions during boring and transportation of the sediment, the excavated sediments should be kept wet during excavation/boring and should be properly covered when placed on barges. Loading of the excavated sediment to the barge should be controlled to avoid splashing and overflowing of the sediment slurry to the surrounding water. • The barge transporting the sediments to the designated disposal sites should be equipped with tight fitting seals to prevent leakage and should not be filled to a level that would cause overflow of materials or laden water during loading or transportation. In addition, monitoring of the barge loading shall be conducted to ensure that loss of material does not take place during transportation. Transport barges or vessels shall be equipped with automatic self-monitoring devices as specified by the DEP. • In order to minimise the exposure to contaminated materials, workers should, when necessary, wear appropriate personal protective equipments (PPE) when handling contaminated sediments. Adequate washing and cleaning facilities should also be provided on site. • Another possible arrangement for Type 3 disposal is by geosynthetic containment. A geosynthetic containment method is a method whereby the sediments are sealed in geosynthetic containers and, at the disposal site, the containers would be dropped into the designated contaminated mud pit where they would be covered by further mud disposal and later by the mud pit capping, thereby meeting the requirements for fully confined mud disposal.	To ensure handling of sediments are in accordance to statutory requirements	Contractor	All works areas with sediments concern	Construction Phase	ETWB TC(W) No. 34/2002 & Dumping at Sea Ordinance
S8.6.26/ Waste Management Plan	**Chemical Wastes.** • If chemical wastes are produced at the construction site, the Contractor would be required to register with the EPD as a Chemical Waste Producer and to follow the guidelines stated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor shall use a licensed collector to transport and dispose of the chemical wastes, to either the Chemical Waste Treatment Centre at Tsing Yi, or other licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.	To ensure proper management of chemical waste	Contractor	All works sites	Construction Phase	Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes Waste Disposal (Chemical Waste) (General) Regulation
S8.6.27/ Waste Management Plan	**General Refuse** • General refuse should be stored in enclosed bins or compaction units separate from C&D material. A reputable waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	To ensure proper management of general refuse	Contractor	All works sites	Construction Phase	Public Health and Municipal Services Ordinance (Cap. 132)
Impact on Cultural Heritage (Construction Phase)						
	Dust and visual impacts					

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S9.6.4	• Temporarily fenced off buffer zone with allowance for public access (minimum 1 m) should be provided; • The open yard in front of the temple should be kept as usual for annual Tin Hau festival; • Monitoring of vibration impacts should be conducted when the construction works are less than 100m from the temple.	To prevent dust and visual impacts	Contractors	Work areas	Construction Phase	EIAO; GCHIA; AMO
S9.6.4	**Indirect vibration impact** • Vibration level is suggest to be controlled within a peak particle velocity (ppv) limit of 5mm/s measured inside the historical buildings; • Monitoring of vibration should be carried out during construction phase. • Tilting and settlement monitoring should will be applied on the Cha Kwo Ling Tin Hau Temple as well. • A proposal with details for the mitigation measures and monitoring of impacts on built heritage shall be submitted to AMO for comments before commencement of work.	To prevent indirect vibration impact	Contractors	Work areas	Construction Phase	Vibration Limits on Heritage Buildings by CEDD; GCHIA; AMO.
Built Heritage Mitigation Plan	• Established Alert, Alarm and Action Level for the monitoring parameters. • To increase the instrumentation monitoring and reporting frequency. • To propose detailed action plan or contingency plan for the Engineer's approval when AAA Level is reached or exceeded.	To prevent vibration impacts	NE/2015/01	Tin Hau Temple	Construction Phase	Vibration Limits on Heritage Buildings by CEDD; GCHIA; AMO.
Landscape and Visual Impact (Construction Phase)						
Table 10.8.1/ Landscape Mitigation Plan	CM1 - Construction area and contractor's temporary works areas to be minimised to avoid impacts on adjacent landscape.	Avoid impact on adjacent landscape areas	CEDD (via Contractor)	General	Construction planning and during construction period	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM2 - Reduction of construction period to practical minimum.	Minimise duration of impact	CEDD (via Contractor)	N/A	Construction planning	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM3 - Topsoil, where the soil material meets acceptable criteria and where practical, to be stripped and stored for re-use in the construction of the soft landscape works. The Contract Specification shall include storage and reuse of topsoil as appropriate.	To allow re-use of topsoil	CEDD (via Contractor)	General	Site clearance	As per the Particular Specification
Table 10.8.1/ Landscape Mitigation Plan	CM4 - Existing trees at boundary of site and retained trees within site boundary to be carefully protected during construction. Detailed Tree Protection Specification shall be provided in the Contract Specification, under which the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas. (Tree protection measures will be detailed at Tree Removal Application stage).	To minimize tree loss	CEDD (via Contractor)	As per approved Tree Removal Application(s)	Site clearance and throughout construction period	ETWB TC 3/2006 and as per tree protection measures in Particular Specification
Table 10.8.1/ Landscape Mitigation Plan	CM5 - Trees unavoidably affected by the works shall be transplanted where practicable. Where possible, trees should be transplanted direct to permanent locations rather than temporary holding nurseries. A detailed tree transplanting specification shall be provided in the Contract Specification and sufficient time for preparation shall be allowed in the construction programme.	To maximize preservation of existing trees	CEDD (via Contractor)	As per approved Tree Removal Application(s)	Site clearance	ETWB TC 3/2006 and as per tree protection measures in Particular Specification
Table 10.8.1/ Landscape Mitigation Plan	CM6 - Advance screen planting of fast growing tree and shrub species to noise barriers and hoardings. Trees shall be capable of reaching a height >10m within 10 years.	To maximize screening of the works	CEDD (via Contractor)	At Lam Tin Interchange and edge of Road P2 landscape deck, TKO	Beginning of construction period	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM7 - Hydroseeding or sheeting of soil stockpiles with visually unobtrusive material	To reduce visual intrusion	CEDD (via Contractor)	General	Throughout construction period	As per Particular Specification
Table 10.8.1/ Landscape Mitigation Plan	CM8 - Control of night-time lighting by hooding all lights and through minimisation of night working periods.	To reduce visual intrusion	CEDD (via Contractor)	General	Throughout construction period	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM9 - Screening of works areas with hoardings with appropriate colours compatible with the surrounding area	Reduction of visual intrusion	CEDD (via Contractor)	Project site Boundary	Excretion of site hoarding	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM10 - Avoidance of excessive height and bulk of site buildings and structure	Reduction of visual intrusion and integration with environment	CEDD (via Contractor)	Built structures	Design and construction stage	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM11 - Limitation of run-off into freshwater streams, ponds and sea areas	Avoidance of contamination of water courses and water bodie	CEDD (via Contractor)	TKO reclamation, TKO tunnel portal, Cha Kwo Ling roadworks	Throughout construction period	N/A

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
Table 10.8.1	CM12 - Minimise area of reclamation and design the edges sensitively to tie in with adjacent coastline characte	Minimise loss of Junk Bay and integration with existing coastlin	CEDD (via Contractor)	Temporary reclamation for barging points at TKO and Lam Tin and permanent reclamation for TKO Interchange slip roads and Road P2	Construction planning and reclamation stages	N/A
Landfill Gas Hazard (Design and Construction Phase)						
S11.5.9	A Safety Officer, trained in the use of gas detection equipment and landfill gas-related hazards, should be present on site throughout the groundworks phase. The Safety Officer should be provided with an intrinsically safe portable instrument, which is appropriately calibrated and able to measure the following gases in the ranges indicated below: Methane 0-100% LEL and 0100% v/v Carbon dioxide 0-100% Oxygen 0-21%	Protect the workers from landfill gas hazards	Contractor	Project sites within the Sai Tso Wan Landfill Consultation Zone	Construction phase	EPD's Landfill Gas Hazard Assessment Guidance Note
S11.5.10 S11.5.25	**Safety Measures** • For staff who work in, or have responsibility for "at risk" area, such as all excavation workers, supervisors and engineers working within the Consultation Zone, should receive appropriate training on working in areas susceptible to landfill gas, fire and explosion hazards. • An excavation procedure or code of practice to minimize landfill gas related risk should be devised and carried out. • No worker should be allowed to work alone at any time in or near to any excavation. At least one other worker should be available to assist with a rescue if needed. • Smoking, naked flames and all other sources of ignition should be prohibited within 15m of any excavation or ground-level confined space. "No smoking" and "No naked flame" notices should be posted prominently on the construction site and, if necessary, special areas should be designed for smoking. • Welding, flame-cutting or other hot works should be confined to open areas at least 15m from any trench or excavation. • Welding, flame-cutting or other hot works may only be carried out in trenches or confined spaces when controlled by a "permit to work" procedure, properly authorized by the Safety Officer (or, in the case of small developments, other appropriately qualified person). • The permit to work procedure should set down clearly the requirements for continuous monitoring for methane, carbon dioxide and oxygen throughout the period during which the hot works are in progress. The procedure should also require the presence of an appropriately qualified person, in attendance outside the 'confined area', who should be responsible for reviewing the gas measurements as they are made, and who should have executive responsibility for suspending the work in the event of unacceptable or hazardous conditions. Only those workers who are appropriately trained and fully aware of the potentially hazardous conditions which may arise should be permitted to carry out hot works in confined areas. • Where there are any temporary site offices, or any other buildings located within the Sai Tso Wan Landfill Consultation Zone which have enclosed spaces with the capacity to accumulate landfill gas, then they should either be located in an area which has been proven to be free of landfill gas (by survey using portable gas detectors); or be raised clear of the ground by a minimum of 500mm. This aims to create a clear void under the structure which is ventilated by natural air movement such that emission of gas from the ground are mixed and diluted by air. • Any electrical equipment, such as motors and extension cords, should be intrinsically safe. During piping assembly or conduiting construction, all valves/seals should be closed immediately after installation. As construction progresses, all valves/seals should be closed to prevent the migration of gases through the pipeline/conduit. All piping /conduiting should be capped at the end of each working day.	Protect the workers from landfill gas hazards	Contractor	Project sites within the Sai Tso Wan Landfill Consultation Zone	Construction phase	EPD's Landfill Gas Hazard Assessment Guidance Note Labour Department's Code of Practice for Safety and Health at Work in Confined Space

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
	• During construction, adequate fire extinguishing equipment, fire-resistant clothing and breathing apparatus (BA) sets should be made available on site. • Fire drills should be organized at not less than six monthly intervals. • The contractor should formulate a health and safety policy, standards and instructions for site personnel to follow. • All personnel who work on the site and all visitors to the site should be made aware of the possibility of ignition of gas in the vicinity of excavations. Safety notices (in Chinese and English) should be posted at prominent position around the site warning danger of the potential hazards. • Service runs within the Consultation Zone should be designated as "special routes"; utilities companies should be informed of this and precautionary measures should be implemented. Precautionary measures should include ensuring that staff members are aware of the potential hazards of working in confined spaces such as manholes and service chambers, and that appropriate monitoring procedures are in place to prevent hazards due to asphyxiating atmospheres in confined spaces. Detailed guidance on entry into confined spaces is given in Code of Practice on Safety and Health at Work in Confined Spaces (Labour Department, Hong Kong). • Periodically during ground-works construction within the 250m Consultation Zone, the works area should be monitored for methane, carbon dioxide and oxygen using appropriately calibrated portable gas detection equipment. The monitoring frequency and areas to be monitored should be set down prior to commencement of ground-works either by the Safety Officer or an approved and appropriately qualified person.					
S11.5.26 - S11.5.31	**Monitoring** ● Routine monitoring should be carried out in all excavations, manholes, chambers, relocation of monitoring wells and any other confined spaces that may have been created. All measurements in excavations should be made with the extended monitoring tube located not more than 10 mm from the exposed ground surface. Monitoring should be performed properly to make sure that the area is free of landfill gas before any man enters into the area. ● For excavations **deeper than 1m**, measurements should be carried out: • at the ground surface before excavation commences;- • immediately before any worker enters the excavation; • at the beginning of each working day for the entire period the excavation remains open; and • periodically throughout the working day whilst workers are in the excavation. ● For excavations **between 300mm and 1m deep**, measurements should be carried out: • directly after the excavation has been completed; and • periodically whilst the excavation remains open. ● For excavations less than 300mm deep, monitoring may be omitted, at the discretion of the Safety Officer or other appropriately qualified person. ● Depending on the results of the measurements, actions required will vary and should be set down by the Safety Officer or other appropriately qualified person. ● The exact frequency of monitoring should be determined prior to the commencement of works, but should be at least once per day, and be carried out by a suitably qualified or qualified person before starting the work of the day. Measurements shall be recorded and kept as a record of safe working conditions with copies of the site diary and submitted to the Engineer for approval. The Contractor may elect to carry out monitoring via an automated monitoring system.	Protect the workers from landfill gas hazards	Contractor	Project sites within the Sai Tso Wan Landfill Consultation Zone	Construction phase	EPD's Landfill Gas Hazard Assessment Guidance Note
S11.5.32	The hazards from landfill gas during the construction stage within the Sai Tso Wan Landfill Consultation Zone should be minimized by suitable precautionary measures recommended in Chapter 8 of the Landfill Gas Hazard Assessment Guidance Note.	construction stage within the Sai Tso Wan Protect the workers from landfill gas hazards	Contractor	Project sites within the Sai Tso Wan Landfill Consultation Zone	Construction phase	EPD's Landfill Gas Hazard Assessment Guidance Note

Table II - Observation / Reminder / Non-compliance made during Site Audit (February 2021)

Key:
- ✓ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
- ✕ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
- # Follow up action will be reported in next reporting month
- ✻ Non-compliance of mitigation measure
- · Non-compliance but improved by the contractor

EIA Ref	Recommended Mitigation Measures	Details of Reminder/Observation	Recorded Date	Status
Air Quality				
--	--	--		
Construction Noise Impact				
--	--	--		
Water Quality Impact				
--	--	--		
Ecological Impact				
--	--	--		
Fisheries Impact				
--	--	--		
Waste Management				
--	--	--		
Landscape and Visual Impact				
--	--	--		
Landfill Gas Hazards				
--	--	--		

Table II - Observation / Reminder / Non-compliance made during Site Audit (March 2021)

Key:
- ✓ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
- ✕ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
- # Follow up action will be reported in next reporting month
- ✻ Non-compliance of mitigation measure
- · Non-compliance but improved by the contractor

EIA Ref	Recommended Mitigation Measures	Details of Reminder/Observation	Recorded Date	Status
Air Quality				
--	--	--		
Construction Noise Impact				
--	--	--		
Water Quality Impact				
--	--	--		
Ecological Impact				
--	--	--		
Fisheries Impact				
--	--	--		
Waste Management				
S8.6.27	General refuse should be stored in enclosed bins or compaction units separate from C&D material. A reputable waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	The skip with accumulation of general refuse was observed.	25 Mar 2021	#
Landscape and Visual Impact				
--	--	--		
Landfill Gas Hazards				
--	--	--		

Table II - Observation / Reminder / Non-compliance made during Site Audit (April 2021)

Key:
- ✓ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
- ✕ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
- # Follow up action will be reported in next reporting month
- ✻ Non-compliance of mitigation measure
- · Non-compliance but improved by the contractor

EIA Ref	Recommended Mitigation Measures	Details of Reminder/Observation	Recorded Date	Status
Air Quality				
--	--	--		
Construction Noise Impact				
--	--	--		
Water Quality Impact				
--	--	--		
Ecological Impact				
--	--	--		
Fisheries Impact				
--	--	--		
Waste Management				
S8.6.27	General refuse should be stored in enclosed bins or compaction units separate from C&D material. A reputable waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	The skip with accumulation of general refuse was observed.	25 Mar 2021	✓
		Accumulation of general refuse should be avoided.	1 Apr 2021	✓
		Accumulation of general refuse was observed continuously. The contractor is reminded to dispose the refuse regularly and avoid accumulation.	8 Apr 2021	✓
		Contractor shall avoid accumulation of general refuse.	16 Apr 2021	✓
		Accumulation of general refuse was observed.	22 Apr 2021	✓
Landscape and Visual Impact				
--	--	--		
Landfill Gas Hazards				
--	--	--		

APPENDIX H
WASTE GENERATED QUANTITY

Trunk Road T2 and Infrastructure Works
for Developments at the Former South Apron
Contract No. ED/2018/04

Name of Department: CEDD

Monthly Summary Waste Flow Table for 2021 (CKL)

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	a.Total Quantity Generated (a=c+d+e)	b. Hard Rock and Large Broken Concrete	c. Reused in the Contract	d. Reused in Other Projects	e. Disposed as Public Fill	f. Imported Fill	g. Metals	h. Paper / Cardboard Packaging	i. Plastics	j. Chemical Waste	k. Others, e.g. general refuse
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m^3)
January	4.858	4.842	0.000	4.842	0.016	0.000	0.000	0.000	0.000	0.200	0.005
February	5.450	5.428	0.000	5.428	0.022	0.000	0.000	0.000	0.000	0.000	0.008
March	5.710	5.679	0.000	5.679	0.031	0.000	0.000	0.000	0.000	0.000	0.007
April	7.349	7.339	0.000	7.339	0.010	0.000	0.000	0.000	0.000	0.000	0.006
May											
June											
Sub-total	23.368	23.288	0.000	23.288	0.079	0.000	0.000	0.000	0.000	0.200	0.026
July											
August											
September											
October											
November											
December											
Total	23.368	23.288	0.000	23.288	0.079	0.000	0.000	0.000	0.000	0.200	0.026

Monthly Summary Waste Flow Table

Notes:

(1)The performance targets are given in ER Appendix 8I Clause 14 and the EM&A Manual(s).

(2)The waste flow table shall also include C&D materials to be imported for use at the Site.

(3)Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

(4)The Contractor shall also submit the latest forecast of the total amount of C&D materials expected to be generated from the Works, together with a breakdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000 m3. (ER Part 8 Clause 8.8.5 (d) (ii) refers).

APPENDIX I
SUMMARY OF EXCEEDANCES

Contract No. ED/2018/04
Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Appendix I – Summary of Exceedance

Reporting Quarter: February 2021 - April 2021

(A) Exceedance Report for Air Quality
(NIL in the reporting quarter)

(B) Exceedance Report for Construction Noise
(NIL in the reporting quarter)

(C) Exceedance Report for Landfill Gas
(NIL in the reporting quarter)

APPENDIX J
SUMMARIES OF ENVIRONMENTAL COMPLAINT, WARNING, SUMMON AND NOTIFICATION OF SUCCESSFUL PROSECUTION

Contract No. ED/2018/04
Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Appendix J – Summary of environmental complaint, warning, summon and notification of successful prosecution

Reporting Quarter: February 2021 - April 2021

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Status
Complaint #N04	Portion T1	9-Feb-2021	Resident of Cha Kwo Ling village revealed that some breaking noise was heard at his/her residence (near Cha kwo Ling Main Street) from the ground at about 20:00 on 08 Feb, 2021	• The construction activities of Trunk Road T2 conducted inside the tunnel area and the construction activities of TKO-LT Tunnel conducted inside the tunnel section at Kwun Tong Side on the evening time and night-time of the date of complaint are considered as one of the potential noise source of the ground borne noise nuisance. • A valid CNP was hold and the investigation is still undertaken in order to investigate the construction activities being taken were complied with the relevant CNP. • Blast door was fully enclosed when construction activities were carried out within tunnel area to prevent, reduce or minimize the emission of airborne noise • In addition, the Contractor should still maintain good site practices, such as schedule noisy work to the less sensitive hours and provide regularly maintenance for PMEs. • Contractor is recommended to continue to strictly follow the requirements in the relevant CNP. • According to the condition 3.d point 5 of the CNP (GW-RE0071-21), the immediate remedial action shall be implemented in case adverse ground-borne noise impact on any noise sensitive receiver is received.	Closed
		6 March 2021	The complainant informed that they continues to hear breaking noise during 3-4 a.m. and caused serious noise nuisance to the residents.		

Remarks: No environmental warning/summon and prosecution were received in the reporting quarter.

APPENDIX K
EVENT AND ACTION PLAN

Event and Action Plan for Air Quality (Dust)

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Action level being exceeded by one sampling	1. Identify source, investigate the causes of complaint and propose remedial measures; 2. Inform IEC and ER; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor.	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
Action level being exceeded by two or more consecutive sampling	1. Identify source; 2. Inform IEC and ER; 3. Advise the ER on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC and Contractor on remedial actions required;	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ET on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures.	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	1. Submit proposals for remedial actions to IEC within three working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate.

EVENT	ACTION			
	ET	**IEC**	**ER**	**CONTRACTOR**
	7. If exceedance continues, arrange meeting with IEC and ER; 8. If exceedance stops, cease additional monitoring.			
Limit level being exceeded by one sampling	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform Contractor ,IEC, ER, and EPD; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ER on the effectiveness of the proposed remedial measures; 5. Supervise implementation of remedial measures.	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within three working days of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate.
Limit level being exceeded by two or more consecutive sampling	1. Notify IEC, ER, Contractor and EPD; 2. Identify source;	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within three working days of notification;

EVENT	ACTION			
	ET	**IEC**	**ER**	**CONTRACTOR**
	3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and ER to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.	assure their effectiveness and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	remedial measures to be implemented; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.

Event and Action Plan for Construction Noise

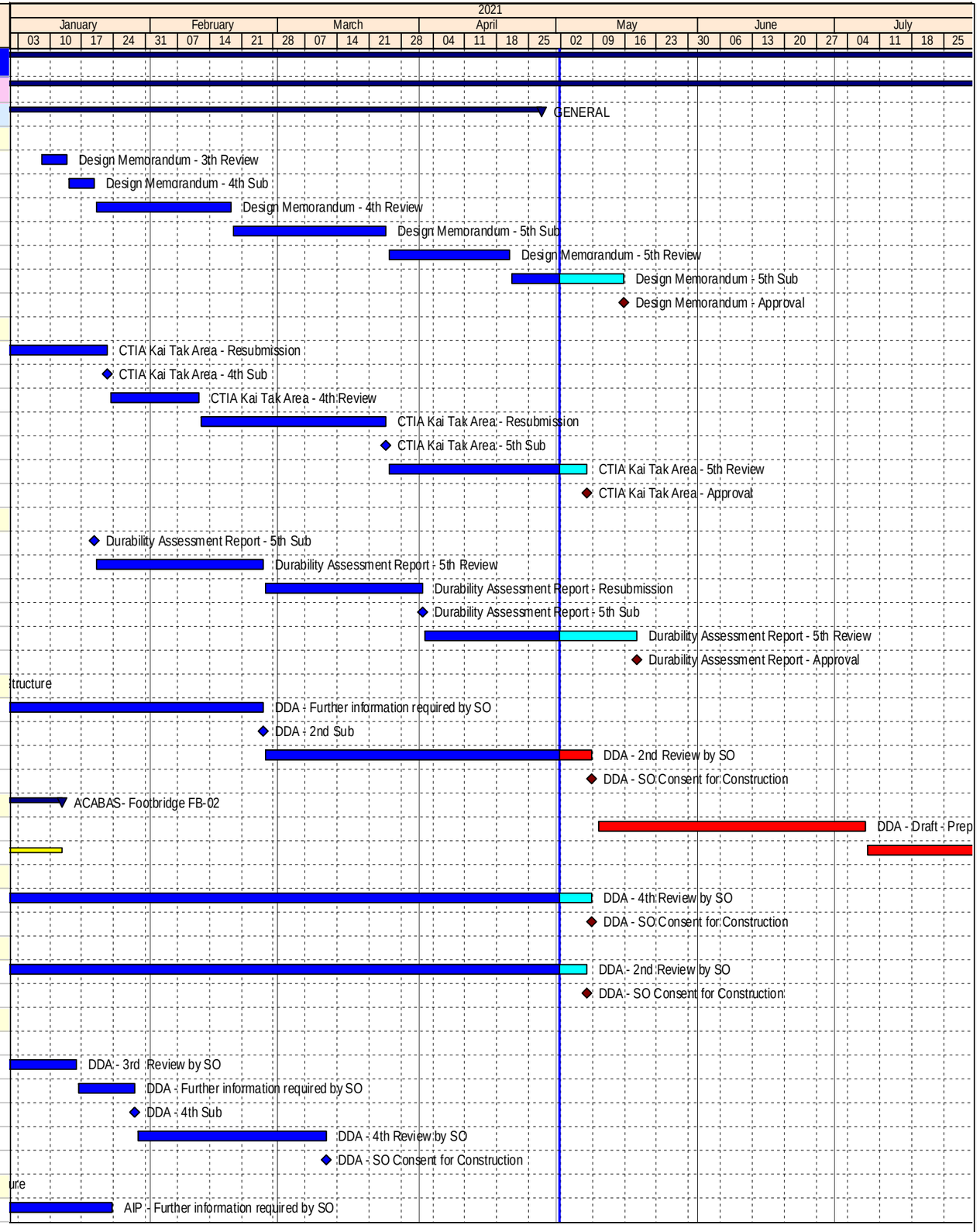
EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Action Level	1. Notify IEC and Contractor; 2. Carry out investigation; 3. Report the results of investigation to the IEC, ER and Contractor; 4. Discuss with the Contractor and formulate remedial measures; 5. Increase monitoring frequency to check mitigation effectiveness.	1. Review the analysed results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures are properly implemented.	1. Submit noise mitigation proposals to IEC; 2. Implement noise mitigation proposals.
Limit Level	1. Identify source; 2. Inform IEC, ER, EPD and Contractor; 3. Repeat measurements to confirm findings; 4. Increase monitoring frequency; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Inform IEC, ER and EPD the causes and actions taken for the exceedances; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.

Limit Levels and Action Plan for Landfill Gas

Parameter	Limit Level	Action
Oxygen	<19%	• Ventilate to restore oxygen to >19%
	<18%	• Stop works • Evacuate personnel/prohibit entry • Increase ventilation to restore oxygen to >19%
Methane	>10% LEL (i.e. > 0.5% by volume)	• Prohibit hot works • Ventilate to restore methane to <10% LEL
	>20% LEL (i.e. > 1% by volume)	• Stop works • Evacuate personnel / prohibit entry • Increase ventilation to restore methane to <10% LEL
Carbon Dioxide	>0.5%	• Ventilate to restore carbon dioxide to < 0.5%
	>1.5%	• Stop works • Evacuate personnel / prohibit entry • Increase ventilation to restore carbon dioxide to <0.5%

APPENDIX L
CONSTRUCTION PROGRAMME

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
WORKS PROGRAMME (01V3)		672	02-Mar-20	11-Jun-22	321	22-Sep-20 A	23-Oct-21
DESIGN SUBMISSION & APPROVAL		672	02-Mar-20	11-Jun-22	293	22-Sep-20 A	17-Sep-21
GENERAL		340	02-Mar-20	27-Apr-21	261	22-Sep-20 A	11-Aug-21
Design Memorandum		0	02-Mar-20	02-Mar-20	102	08-Jan-21 A	15-May-21
A229426091	Design Memorandum - 3th Review	0			5	08-Jan-21 A	13-Jan-21 A
A229428882	Design Memorandum - 4th Sub	0			5	14-Jan-21 A	19-Jan-21 A
A229428892	Design Memorandum - 4th Review	0			23	20-Jan-21 A	18-Feb-21 A
A229429360	Design Memorandum - 5th Sub	0			29	19-Feb-21 A	24-Mar-21 A
A229429370	Design Memorandum - 5th Review	0			19	25-Mar-21 A	20-Apr-21 A
A229431000	Design Memorandum - 5th Sub	0			21	21-Apr-21 A	15-May-21
A22690	Design Memorandum - Approval	0		02-Mar-20	0		15-May-21
Construction Traffic Impact Assessment - Kai Tak Area		0	10-Jun-20	10-Jun-20	115	12-Dec-20 A	07-May-21
A229426161	CTIA Kai Tak Area - Resubmission	0			33	12-Dec-20 A	22-Jan-21 A
A229426171	CTIA Kai Tak Area - 4th Sub	0			0		22-Jan-21 A
A229426181	CTIA Kai Tak Area - 4th Review	0			20	23-Jan-21 A	11-Feb-21 A
A229429380	CTIA Kai Tak Area - Resubmission	0			32	12-Feb-21 A	24-Mar-21 A
A229429390	CTIA Kai Tak Area - 5th Sub	0			0		24-Mar-21 A
A229429400	CTIA Kai Tak Area - 5th Review	0			44	25-Mar-21 A	07-May-21
A22720	CTIA Kai Tak Area - Approval	0		10-Jun-20	0		07-May-21
Durability Assessment Report		0	07-May-20	07-May-20	94	19-Jan-21 A	18-May-21
A229426141	Durability Assessment Report - 5th Sub	0			0		19-Jan-21 A
A229426151	Durability Assessment Report - 5th Review	0			29	20-Jan-21 A	25-Feb-21 A
A229431010	Durability Assessment Report - Resubmission	0			30	26-Feb-21 A	01-Apr-21 A
A229431020	Durability Assessment Report - 5th Sub	0			0		01-Apr-21 A
A229431030	Durability Assessment Report - 5th Review	0			35	02-Apr-21 A	18-May-21
A22730	Durability Assessment Report - Approval	0		07-May-20	0		18-May-21
ACABAS - Western Tunnel Portal and Concrete Finishes for Retaining Struc		50	10-Aug-20	08-Oct-20	113	16-Dec-20 A	08-May-21
B18010	DDA - Further information required by SO	22	10-Aug-20	03-Sep-20	56	16-Dec-20 A	25-Feb-21 A
B18020	DDA - 2nd Sub	0		03-Sep-20	0		25-Feb-21 A
B18030	DDA - 2nd Review by SO	35	04-Sep-20	08-Oct-20	72	26-Feb-21 A	08-May-21
B18040	DDA - SO Consent for Construction	0		08-Oct-20	0		08-May-21
ACABAS- Footbridge FB-02		78	09-Oct-20	12-Jan-21	78	10-May-21	11-Aug-21
B266491	DDA - Draft - Preparation by Designer	48	09-Oct-20	04-Dec-20	48	10-May-21	07-Jul-21
B266421	DDA - Draft - Final Review and prepare for 1st Sub	30	05-Dec-20	12-Jan-21	30	08-Jul-21	11-Aug-21
CLP Substation - Building Services and Underground Utilities Design		0	01-Jun-20	01-Jun-20	143	11-Nov-20 A	08-May-21
B2595251	DDA - 4th Review by SO	0			143	11-Nov-20 A	08-May-21
B266841	DDA - SO Consent for Construction	0		01-Jun-20	0		08-May-21
CLP Substation - ABWF		30	16-May-20	19-Jun-20	182	22-Sep-20 A	07-May-21
B266911	DDA - 2nd Review by SO	35	16-May-20	19-Jun-20	228	22-Sep-20 A	07-May-21
B266931	DDA - SO Consent for Construction	0		19-Jun-20	0		07-May-21
DDA Project Alignment		0	20-May-20	20-May-20	71	11-Dec-20 A	11-Mar-21 A
B2596021	DDA - 3rd Sub	0			0		11-Dec-20 A
B2596031	DDA - 3rd Review by SO	0			35	12-Dec-20 A	15-Jan-21 A
B2596611	DDA - Further information required by SO	0			11	16-Jan-21 A	28-Jan-21 A
B2596621	DDA - 4th Sub	0			0		28-Jan-21 A
B2596631	DDA - 4th Review by SO	0			42	29-Jan-21 A	11-Mar-21 A
B11680	DDA - SO Consent for Construction	0		20-May-20	0		11-Mar-21 A
AIP Roadworks and Street Furniture		42	01-Oct-20	21-Nov-20	117	10-Dec-20 A	07-May-21
B267091	AIP - Further information required by SO	24	01-Oct-20	24-Oct-20	45	10-Dec-20 A	23-Jan-21 A



Milestone · Summary · Planned Bar · Critical Activity · Actual Milestone · Actual Work · Baseline Milestone · Baseline Bar

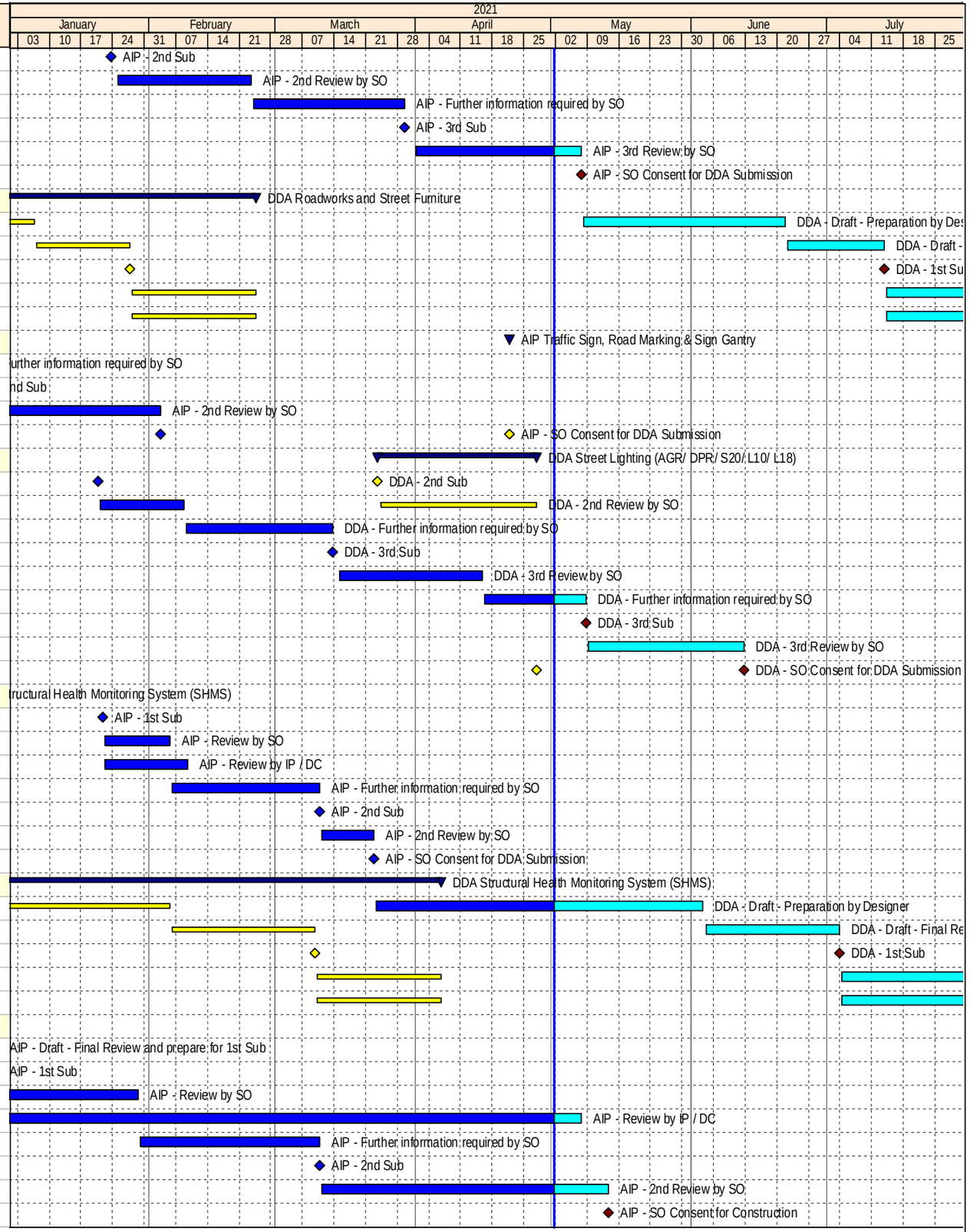
ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Apr-21)

BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved
05-Nov-19	00V0	WYu	
18-Dec-19	00V1	WYu	
22-Feb-20	01V0	SPa/LLo	WYu
09-Apr-20	01V1	SPa/LLo	WYu
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
B267111	AIP - 2nd Sub	0		24-Oct-20	0		23-Jan-21 A
B267101	AIP - 2nd Review by SO	28	25-Oct-20	21-Nov-20	30	25-Jan-21 A	23-Feb-21 A
B2597061	AIP - Further information required by SO	0			34	24-Feb-21 A	29-Mar-21 A
B2597071	AIP - 3rd Sub	0			0		29-Mar-21 A
B2597081	AIP - 3rd Review by SO	0			37	01-Apr-21 A	07-May-21
B267121	AIP - SO Consent for DDA Submission	0		21-Nov-20	0		07-May-21
DDA Roadworks and Street Furniture		75	23-Nov-20	24-Feb-21	78	08-May-21	10-Aug-21
B11690	DDA - Draft - Preparation by Designer	36	23-Nov-20	06-Jan-21	36	08-May-21	21-Jun-21
B11700	DDA - Draft - Final Review and prepare for 1st Sub	18	07-Jan-21	27-Jan-21	18	22-Jun-21	13-Jul-21
B11710	DDA - 1st Sub	0		27-Jan-21	0		13-Jul-21
B11730	DDA - Review by SO	28	28-Jan-21	24-Feb-21	28	14-Jul-21	10-Aug-21
B11720	DDA - Review by IP / DC	28	28-Jan-21	24-Feb-21	28	14-Jul-21	10-Aug-21
AIP Traffic Sign, Road Marking & Sign Gantry		0	21-Apr-21	21-Apr-21	53	01-Dec-20 A	03-Feb-21 A
B2596251	AIP - Further information required by SO	0			18	01-Dec-20 A	21-Dec-20 A
B2596271	AIP - 2nd Sub	0			0		21-Dec-20 A
B2596261	AIP - 2nd Review by SO	0			44	22-Dec-20 A	03-Feb-21 A
B267201	AIP - SO Consent for DDA Submission	0		21-Apr-21	0		03-Feb-21 A
DDA Street Lighting (AGR/ DPR/ S20/ L10/ L18)		26	23-Mar-21	27-Apr-21	114	20-Jan-21 A	12-Jun-21
B267641	DDA - 2nd Sub	0		23-Mar-21	0		20-Jan-21 A
B267631	DDA - 2nd Review by SO	35	24-Mar-21	27-Apr-21	19	21-Jan-21 A	08-Feb-21 A
B2596791	DDA - Further information required by SO	0			26	09-Feb-21 A	13-Mar-21 A
B2596811	DDA - 3rd Sub	0			0		13-Mar-21 A
B2596801	DDA - 3rd Review by SO	0			32	15-Mar-21 A	15-Apr-21 A
B2597541	DDA - Further information required by SO	0			19	16-Apr-21 A	08-May-21
B2597561	DDA - 3rd Sub	0			0		08-May-21
B2597551	DDA - 3rd Review by SO	0			35	09-May-21	12-Jun-21
B267651	DDA - SO Consent for DDA Submission	0		27-Apr-21	0		12-Jun-21
AIP Structural Health Monitoring System (SHMS)		59	13-Oct-20	22-Dec-20	48	21-Jan-21 A	22-Mar-21 A
B267431	AIP - 1st Sub	0		13-Oct-20	0		21-Jan-21 A
B267421	AIP - Review by SO	28	14-Oct-20	10-Nov-20	15	22-Jan-21 A	05-Feb-21 A
B267491	AIP - Review by IP / DC	28	14-Oct-20	10-Nov-20	19	22-Jan-21 A	09-Feb-21 A
B267441	AIP - Further information required by SO	12	11-Nov-20	24-Nov-20	25	06-Feb-21 A	10-Mar-21 A
B267461	AIP - 2nd Sub	0		24-Nov-20	0		10-Mar-21 A
B267451	AIP - 2nd Review by SO	28	25-Nov-20	22-Dec-20	12	11-Mar-21 A	22-Mar-21 A
B267471	AIP - SO Consent for DDA Submission	0		22-Dec-20	0		22-Mar-21 A
DDA Structural Health Monitoring System (SHMS)		80	23-Dec-20	06-Apr-21	105	23-Mar-21 A	31-Jul-21
B18150	DDA - Draft - Preparation by Designer	36	23-Dec-20	05-Feb-21	57	23-Mar-21 A	03-Jun-21
B18160	DDA - Draft - Final Review and prepare for 1st Sub	24	06-Feb-21	09-Mar-21	24	04-Jun-21	03-Jul-21
B18170	DDA - 1st Sub	0		09-Mar-21	0		03-Jul-21
B18200	DDA - Review by SO	28	10-Mar-21	06-Apr-21	28	04-Jul-21	31-Jul-21
B18180	DDA - Review by IP / DC	28	10-Mar-21	06-Apr-21	28	04-Jul-21	31-Jul-21
AIP Landscape Design		69	29-Aug-20	20-Nov-20	119	14-Dec-20 A	13-May-21
B267501	AIP - Draft - Final Review and prepare for 1st Sub	12	29-Aug-20	11-Sep-20	12	14-Dec-20 A	29-Dec-20 A
B267521	AIP - 1st Sub	0		11-Sep-20	0		29-Dec-20 A
B267511	AIP - Review by SO	28	12-Sep-20	09-Oct-20	31	30-Dec-20 A	29-Jan-21 A
B267581	AIP - Review by IP / DC	28	12-Sep-20	09-Oct-20	129	30-Dec-20 A	07-May-21
B267531	AIP - Further information required by SO	12	10-Oct-20	23-Oct-20	31	30-Jan-21 A	10-Mar-21 A
B267551	AIP - 2nd Sub	0		23-Oct-20	0		10-Mar-21 A
B267541	AIP - 2nd Review by SO	28	24-Oct-20	20-Nov-20	64	11-Mar-21 A	13-May-21
B267561	AIP - SO Consent for Construction	0		20-Nov-20	0		13-May-21



Milestone
Planned Bar
Critical Activity
Actual Milestone
Actual Work
Baseline Milestone
Baseline Bar
Summary

ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

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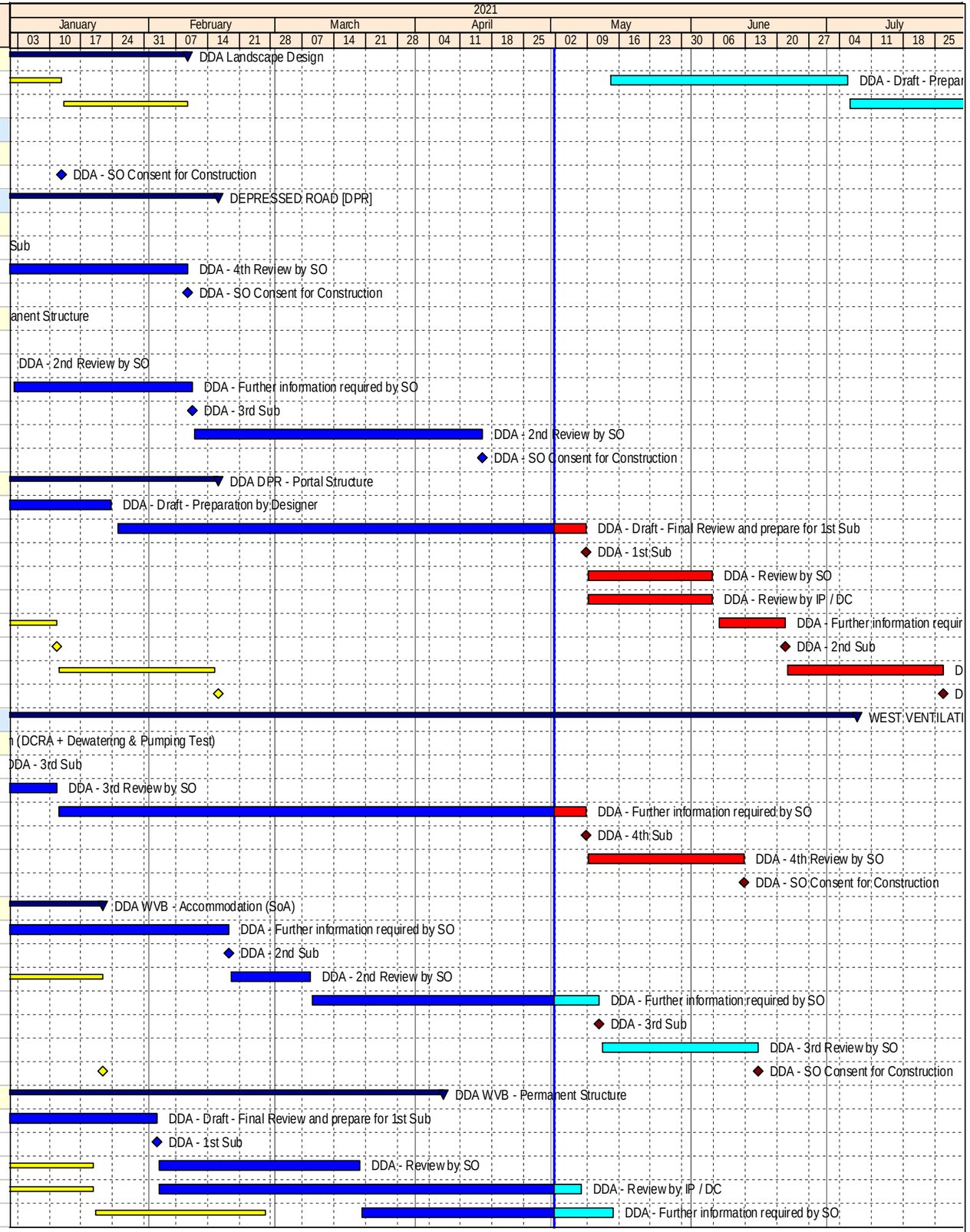
05-Nov-19	00V0	WYu	
18-Dec-19	00V1	WYu	
22-Feb-20	01V0	SPa/LLo	WYu
09-Apr-20	01V1	SPa/LLo	WYu
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
DDA Landscape Design		66	21-Nov-20	09-Feb-21	66	14-May-21	02-Aug-21
B17650	DDA - Draft - Preparation by Designer	42	21-Nov-20	12-Jan-21	42	14-May-21	05-Jul-21
B17660	DDA - Draft - Final Review and prepare for 1st Sub	24	13-Jan-21	09-Feb-21	24	06-Jul-21	02-Aug-21
MISC. TEMP WORKS		0	08-Jul-20	08-Jul-20	0	12-Jan-21 A	12-Jan-21 A
Seawall checkings for temporary cases (Loading / Unloading)		0	08-Jul-20	08-Jul-20	0	12-Jan-21 A	12-Jan-21 A
B17270	DDA - SO Consent for Construction	0		08-Jul-20	0		12-Jan-21 A
DEPRESSED ROAD [DPR]		163	29-Jul-20	16-Feb-21	180	11-Dec-20 A	26-Jul-21
DDA DPR - Horizontal Element + Pump Test + DCRA		0	29-Jul-20	29-Jul-20	43	17-Dec-20 A	09-Feb-21 A
B2596351	DDA - 4th Sub	0			0		17-Dec-20 A
B2596361	DDA - 4th Review by SO	0			54	18-Dec-20 A	09-Feb-21 A
B15740	DDA - SO Consent for Construction	0		29-Jul-20	0		09-Feb-21 A
DDA DPR - Permanent Structure		30	04-Nov-20	09-Dec-20	97	11-Dec-20 A	15-Apr-21 A
B15820	DDA - 2nd Sub	0		04-Nov-20	0		11-Dec-20 A
B15830	DDA - 2nd Review by SO	35	05-Nov-20	09-Dec-20	20	12-Dec-20 A	31-Dec-20 A
B2596371	DDA - Further information required by SO	0			34	02-Jan-21 A	10-Feb-21 A
B2596381	DDA - 3rd Sub	0			0		10-Feb-21 A
B2596391	DDA - 2nd Review by SO	0			64	11-Feb-21 A	15-Apr-21 A
B15850	DDA - SO Consent for Construction	0		09-Dec-20	0		15-Apr-21 A
DDA DPR - Portal Structure		116	23-Sep-20	16-Feb-21	170	24-Dec-20 A	26-Jul-21
B15860	DDA - Draft - Preparation by Designer	30	23-Sep-20	30-Oct-20	24	24-Dec-20 A	23-Jan-21 A
B15870	DDA - Draft - Final Review and prepare for 1st Sub	24	31-Oct-20	27-Nov-20	82	25-Jan-21 A	08-May-21
B15880	DDA - 1st Sub	0		27-Nov-20	0		08-May-21
B15910	DDA - Review by SO	28	28-Nov-20	25-Dec-20	28	09-May-21	05-Jun-21
B15890	DDA - Review by IP / DC	28	28-Nov-20	25-Dec-20	28	09-May-21	05-Jun-21
B15920	DDA - Further information required by SO	12	28-Dec-20	11-Jan-21	12	07-Jun-21	21-Jun-21
B15930	DDA - 2nd Sub	0		11-Jan-21	0		21-Jun-21
B15940	DDA - 2nd Review by SO	35	12-Jan-21	15-Feb-21	35	22-Jun-21	26-Jul-21
B15960	DDA - SO Consent for Construction	0		16-Feb-21	0		26-Jul-21
WEST VENTILATION BUILDING [WVB]		289	16-Jul-20	07-Jul-21	194	23-Dec-20 A	21-Aug-21
DDA WVB - ELS Design (DCRA + Dewatering & Pumping Test)		0	02-Dec-20	02-Dec-20	133	28-Dec-20 A	12-Jun-21
B2596111	DDA - 3rd Sub	0			0		28-Dec-20 A
B2596121	DDA - 3rd Review by SO	0			14	29-Dec-20 A	11-Jan-21 A
B2597091	DDA - Further information required by SO	0			93	12-Jan-21 A	08-May-21
B2597111	DDA - 4th Sub	0			0		08-May-21
B2597101	DDA - 4th Review by SO	0			35	09-May-21	12-Jun-21
B13900	DDA - SO Consent for Construction	0		02-Dec-20	0		12-Jun-21
DDA WVB - Accommodation (SoA)		57	13-Nov-20	21-Jan-21	133	30-Dec-20 A	15-Jun-21
B14380	DDA - Further information required by SO	30	13-Nov-20	17-Dec-20	40	30-Dec-20 A	18-Feb-21 A
B14390	DDA - 2nd Sub	0		17-Dec-20	0		18-Feb-21 A
B14400	DDA - 2nd Review by SO	35	18-Dec-20	21-Jan-21	18	19-Feb-21 A	08-Mar-21 A
B2597121	DDA - Further information required by SO	0			50	09-Mar-21 A	11-May-21
B2597131	DDA - 3rd Sub	0			0		11-May-21
B2597141	DDA - 3rd Review by SO	0			35	12-May-21	15-Jun-21
B14410	DDA - SO Consent for Construction	0		21-Jan-21	0		15-Jun-21
DDA WVB - Permanent Structure		92	09-Dec-20	07-Apr-21	140	23-Dec-20 A	18-Jun-21
B14430	DDA - Draft - Final Review and prepare for 1st Sub	12	09-Dec-20	22-Dec-20	33	23-Dec-20 A	02-Feb-21 A
B14440	DDA - 1st Sub	0		22-Dec-20	0		02-Feb-21 A
B14470	DDA - Review by SO	28	23-Dec-20	19-Jan-21	45	03-Feb-21 A	19-Mar-21 A
B14450	DDA - Review by IP / DC	28	23-Dec-20	19-Jan-21	94	03-Feb-21 A	07-May-21
B14480	DDA - Further information required by SO	30	20-Jan-21	26-Feb-21	43	20-Mar-21 A	14-May-21



Milestone · Summary · Planned Bar · Critical Activity · Actual Milestone · Actual Work · Baseline Milestone · Baseline Bar

ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

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05-Nov-19	00V0	WYu	
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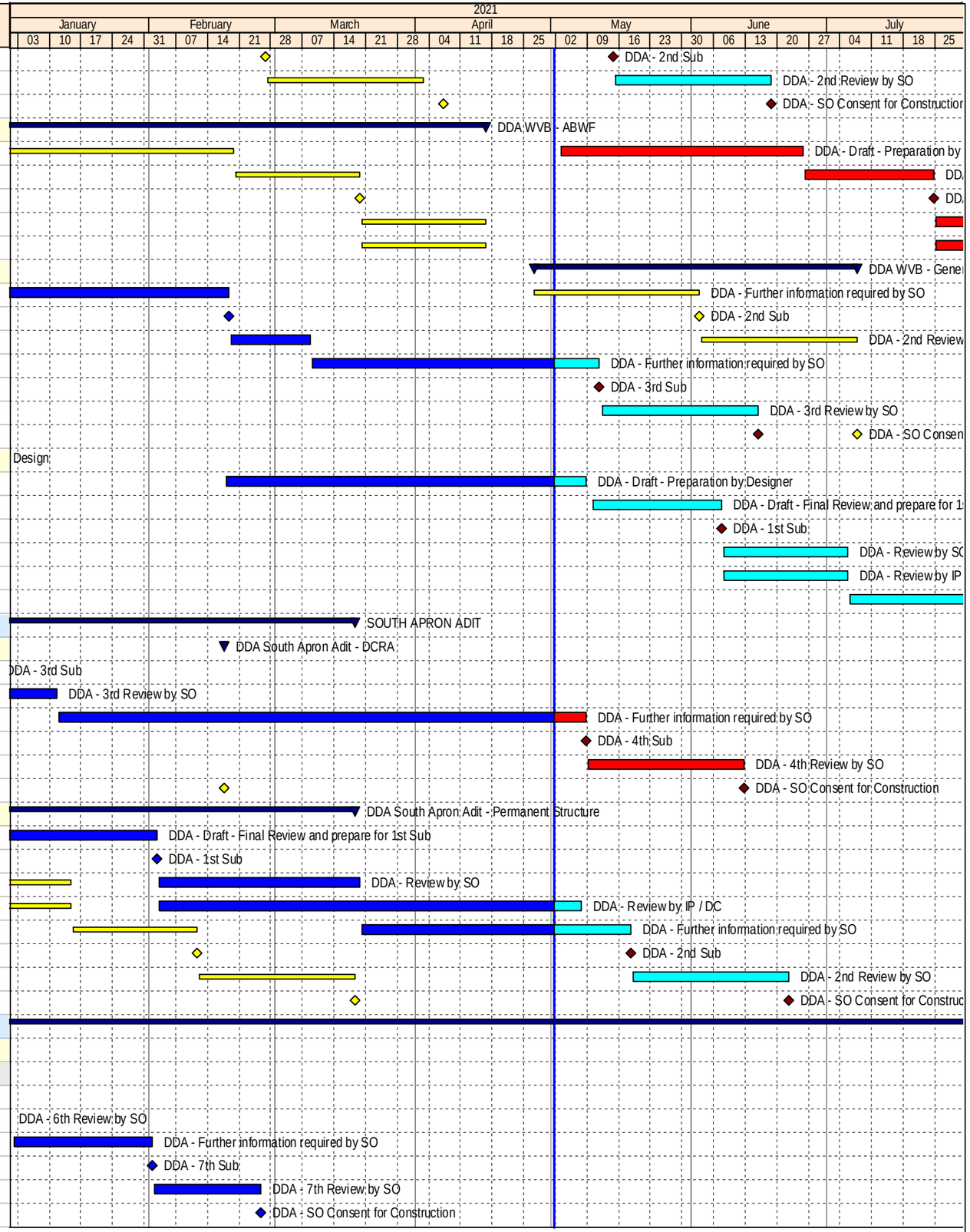
09-Apr-20	01V1	SPa/LLo	WYu
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
B14490	DDA - 2nd Sub	0		26-Feb-21	0		14-May-21
B14500	DDA - 2nd Review by SO	35	27-Feb-21	02-Apr-21	35	15-May-21	18-Jun-21
B14520	DDA - SO Consent for Construction	0		07-Apr-21	0		18-Jun-21
DDA WVB - ABWF		89	23-Dec-20	16-Apr-21	93	03-May-21	21-Aug-21
B14530	DDA - Draft - Preparation by Designer	45	23-Dec-20	19-Feb-21	45	03-May-21	25-Jun-21
B14540	DDA - Draft - Final Review and prepare for 1st Sub	24	20-Feb-21	19-Mar-21	24	26-Jun-21	24-Jul-21
B14550	DDA - 1st Sub	0		19-Mar-21	0		24-Jul-21
B14580	DDA - Review by SO	28	20-Mar-21	16-Apr-21	28	25-Jul-21	21-Aug-21
B14560	DDA - Review by IP / DC	28	20-Mar-21	16-Apr-21	28	25-Jul-21	21-Aug-21
DDA WVB - General Building Plan		58	27-Apr-21	07-Jul-21	133	30-Dec-20 A	15-Jun-21
B14700	DDA - Further information required by SO	30	27-Apr-21	02-Jun-21	40	30-Dec-20 A	18-Feb-21 A
B14710	DDA - 2nd Sub	0		02-Jun-21	0		18-Feb-21 A
B14720	DDA - 2nd Review by SO	35	03-Jun-21	07-Jul-21	18	19-Feb-21 A	08-Mar-21 A
B2597151	DDA - Further information required by SO	0			50	09-Mar-21 A	11-May-21
B2597161	DDA - 3rd Sub	0			0		11-May-21
B2597171	DDA - 3rd Review by SO	0			35	12-May-21	15-Jun-21
B14730	DDA - SO Consent for Construction	0		07-Jul-21	0		15-Jun-21
DDA WVB - Aesthetic Design		119	16-Jul-20	04-Dec-20	134	18-Feb-21 A	02-Aug-21
B2594881	DDA - Draft - Preparation by Designer	48	16-Jul-20	09-Sep-20	64	18-Feb-21 A	08-May-21
B2594811	DDA - Draft - Final Review and prepare for 1st Sub	24	10-Sep-20	09-Oct-20	24	10-May-21	07-Jun-21
B2594831	DDA - 1st Sub	0		09-Oct-20	0		07-Jun-21
B2594821	DDA - Review by SO	28	10-Oct-20	06-Nov-20	28	08-Jun-21	05-Jul-21
B2594891	DDA - Review by IP / DC	28	10-Oct-20	06-Nov-20	28	08-Jun-21	05-Jul-21
B2594841	DDA - Further information required by SO	24	07-Nov-20	04-Dec-20	24	06-Jul-21	02-Aug-21
SOUTH APRON ADIT		96	20-Nov-20	18-Mar-21	143	23-Dec-20 A	22-Jun-21
DDA South Apron Adit - DCRA		0	17-Feb-21	17-Feb-21	133	28-Dec-20 A	12-Jun-21
B2596831	DDA - 3rd Sub	0			0		28-Dec-20 A
B2596841	DDA - 3rd Review by SO	0			14	29-Dec-20 A	11-Jan-21 A
B2597181	DDA - Further information required by SO	0			93	12-Jan-21 A	08-May-21
B2597201	DDA - 4th Sub	0			0		08-May-21
B2597191	DDA - 4th Review by SO	0			35	09-May-21	12-Jun-21
B15030	DDA - SO Consent for Construction	0		17-Feb-21	0		12-Jun-21
DDA South Apron Adit - Permanent Structure		96	20-Nov-20	18-Mar-21	143	23-Dec-20 A	22-Jun-21
B15150	DDA - Draft - Final Review and prepare for 1st Sub	24	20-Nov-20	17-Dec-20	33	23-Dec-20 A	02-Feb-21 A
B15160	DDA - 1st Sub	0		17-Dec-20	0		02-Feb-21 A
B15190	DDA - Review by SO	28	18-Dec-20	14-Jan-21	45	03-Feb-21 A	19-Mar-21 A
B15170	DDA - Review by IP / DC	28	18-Dec-20	14-Jan-21	94	03-Feb-21 A	07-May-21
B15200	DDA - Further information required by SO	24	15-Jan-21	11-Feb-21	46	20-Mar-21 A	18-May-21
B15210	DDA - 2nd Sub	0		11-Feb-21	0		18-May-21
B15220	DDA - 2nd Review by SO	35	12-Feb-21	18-Mar-21	35	19-May-21	22-Jun-21
B15230	DDA - SO Consent for Construction	0		18-Mar-21	0		22-Jun-21
SOUTH APRON ROAD WORKS		540	12-Aug-20	11-Jun-22	219	01-Dec-20 A	28-Aug-21
DDA Road S20 - Alignment, Traffic Sign, Road Marking and Traffic Light		0	14-Aug-20	14-Aug-20	60	10-Dec-20 A	25-Feb-21 A
SOR		0	14-Aug-20	14-Aug-20	60	10-Dec-20 A	25-Feb-21 A
B2596141	DDA - 6th Sub	0			0		10-Dec-20 A
B2596151	DDA - 6th Review by SO	0			16	11-Dec-20 A	31-Dec-20 A
B2596401	DDA - Further information required by SO	0			26	02-Jan-21 A	01-Feb-21 A
B2596411	DDA - 7th Sub	0			0		01-Feb-21 A
B2596421	DDA - 7th Review by SO	0			18	02-Feb-21 A	25-Feb-21 A
B253301	DDA - SO Consent for Construction	0		14-Aug-20	0		25-Feb-21 A



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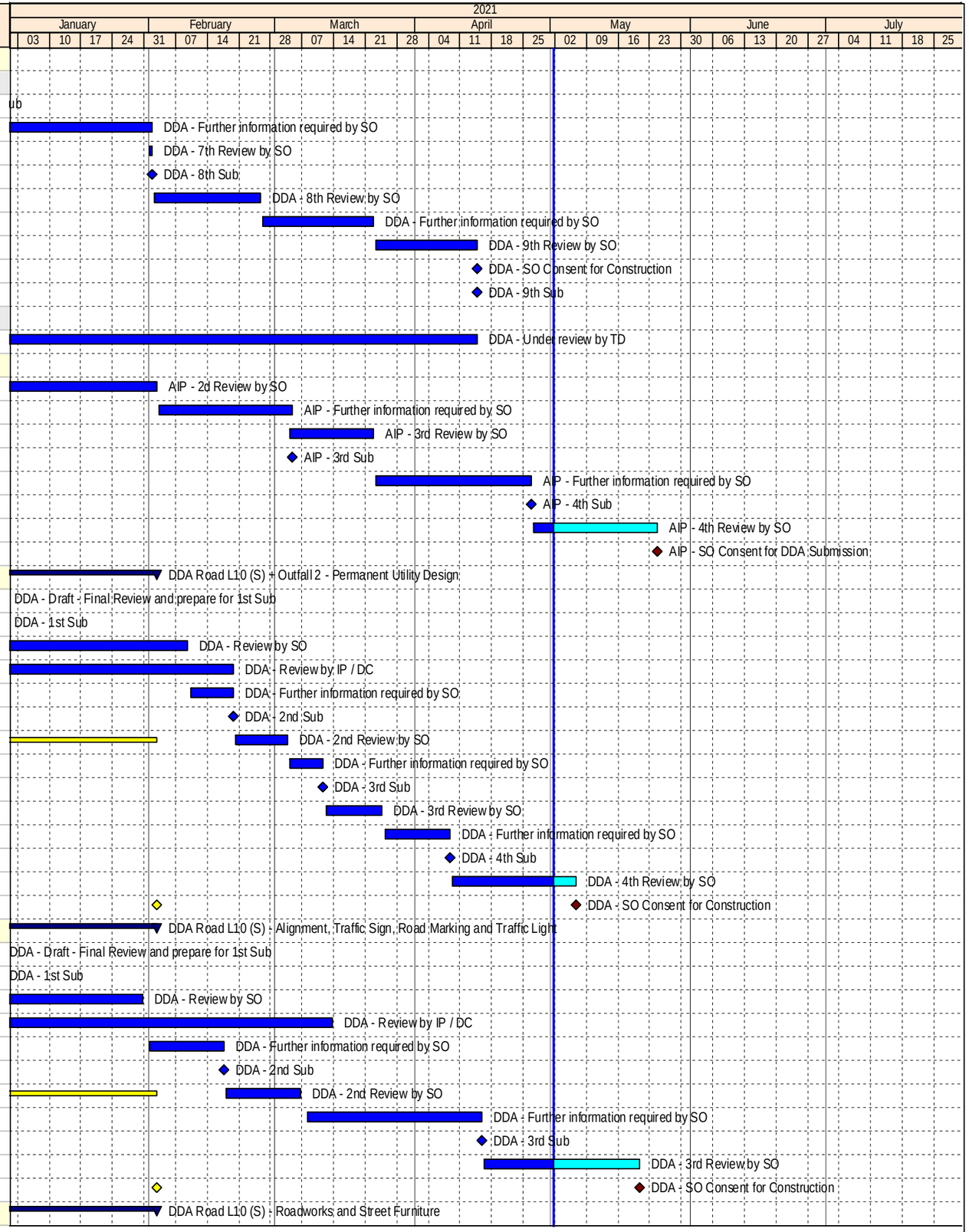
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
DDA Road S20 - Roadworks and Street Furniture		0	14-Aug-20	14-Aug-20	93	15-Dec-20 A	14-Apr-21 A
SOR		0	14-Aug-20	14-Aug-20	93	15-Dec-20 A	14-Apr-21 A
B2596171	DDA - 7th Sub	0			0		15-Dec-20 A
B2596181	DDA - Further information required by SO	0			38	16-Dec-20 A	01-Feb-21 A
B2596851	DDA - 7th Review by SO	0			1	01-Feb-21 A	01-Feb-21 A
B2596861	DDA - 8th Sub	0			0		01-Feb-21 A
B2596871	DDA - 8th Review by SO	0			18	02-Feb-21 A	25-Feb-21 A
B2597221	DDA - Further information required by SO	0			21	26-Feb-21 A	22-Mar-21 A
B2597211	DDA - 9th Review by SO	0			16	23-Mar-21 A	14-Apr-21 A
B253401	DDA - SO Consent for Construction	0		14-Aug-20	0		14-Apr-21 A
B2597231	DDA - 9th Sub	0			0		14-Apr-21 A
TD		0			93	16-Dec-20 A	14-Apr-21 A
B2595761	DDA - Under review by TD	0			93	16-Dec-20 A	14-Apr-21 A
AIP Road L10 (S)		0	03-Oct-20	03-Oct-20	138	01-Dec-20 A	24-May-21
B2596211	AIP - 2d Review by SO	0			64	01-Dec-20 A	02-Feb-21 A
B2597241	AIP - Further information required by SO	0			23	03-Feb-21 A	04-Mar-21 A
B2597261	AIP - 3rd Review by SO	0			19	04-Mar-21 A	22-Mar-21 A
B2597251	AIP - 3rd Sub	0			0		04-Mar-21 A
B2597271	AIP - Further information required by SO	0			26	23-Mar-21 A	26-Apr-21 A
B2597281	AIP - 4th Sub	0			0		26-Apr-21 A
B2597291	AIP - 4th Review by SO	0			28	27-Apr-21 A	24-May-21
B255892	AIP - SO Consent for DDA Submission	0		03-Oct-20	0		24-May-21
DDA Road L10 (S) + Outfall 2 - Permanent Utility Design		77	02-Nov-20	02-Feb-21	107	21-Dec-20 A	06-May-21
B263761	DDA - Draft - Final Review and prepare for 1st Sub	12	02-Nov-20	14-Nov-20	7	21-Dec-20 A	30-Dec-20 A
B263781	DDA - 1st Sub	0		14-Nov-20	0		30-Dec-20 A
B263771	DDA - Review by SO	28	15-Nov-20	12-Dec-20	41	31-Dec-20 A	09-Feb-21 A
B263831	DDA - Review by IP / DC	28	15-Nov-20	12-Dec-20	51	31-Dec-20 A	19-Feb-21 A
B263791	DDA - Further information required by SO	12	14-Dec-20	29-Dec-20	6	10-Feb-21 A	19-Feb-21 A
B263811	DDA - 2nd Sub	0		29-Dec-20	0		19-Feb-21 A
B263801	DDA - 2nd Review by SO	35	30-Dec-20	02-Feb-21	12	20-Feb-21 A	03-Mar-21 A
B2597301	DDA - Further information required by SO	0			7	04-Mar-21 A	11-Mar-21 A
B2597311	DDA - 3rd Sub	0			0		11-Mar-21 A
B2597321	DDA - 3rd Review by SO	0			13	12-Mar-21 A	24-Mar-21 A
B2597331	DDA - Further information required by SO	0			9	25-Mar-21 A	08-Apr-21 A
B2597341	DDA - 4th Sub	0			0		08-Apr-21 A
B2597351	DDA - 4th Review by SO	0			28	09-Apr-21 A	06-May-21
B263751	DDA - SO Consent for Construction	0		02-Feb-21	0		06-May-21
DDA Road L10 (S) - Alignment, Traffic Sign, Road Marking and Traffic Light		77	02-Nov-20	02-Feb-21	114	26-Dec-20 A	20-May-21
B265151	DDA - Draft - Final Review and prepare for 1st Sub	12	02-Nov-20	14-Nov-20	2	26-Dec-20 A	29-Dec-20 A
B255912	DDA - 1st Sub	0		14-Nov-20	0		29-Dec-20 A
B265161	DDA - Review by SO	28	15-Nov-20	12-Dec-20	32	30-Dec-20 A	30-Jan-21 A
B255913	DDA - Review by IP / DC	28	15-Nov-20	12-Dec-20	74	30-Dec-20 A	13-Mar-21 A
B265171	DDA - Further information required by SO	12	14-Dec-20	29-Dec-20	12	01-Feb-21 A	17-Feb-21 A
B255942	DDA - 2nd Sub	0		29-Dec-20	0		17-Feb-21 A
B265181	DDA - 2nd Review by SO	35	30-Dec-20	02-Feb-21	17	18-Feb-21 A	06-Mar-21 A
B2597361	DDA - Further information required by SO	0			30	08-Mar-21 A	15-Apr-21 A
B2597371	DDA - 3rd Sub	0			0		15-Apr-21 A
B2597381	DDA - 3rd Review by SO	0			35	16-Apr-21 A	20-May-21
B255992	DDA - SO Consent for Construction	0		02-Feb-21	0		20-May-21
DDA Road L10 (S) - Roadworks and Street Furniture		77	02-Nov-20	02-Feb-21	138	26-Dec-20 A	18-Jun-21



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Planned Bar
Critical Activity
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Baseline Milestone
Baseline Bar
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ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

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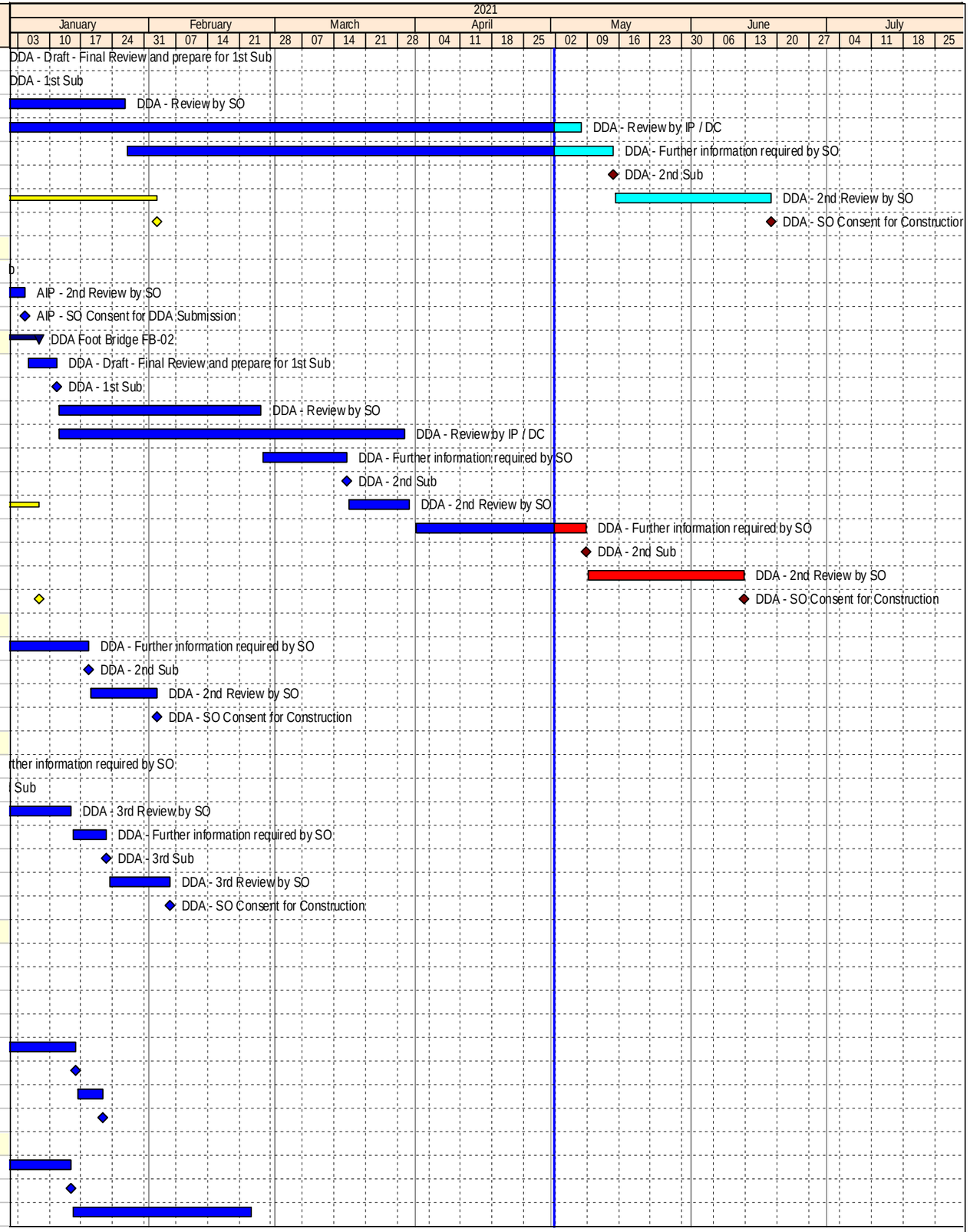
09-Apr-20	01V1	SPa/LLo	WYu
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
B263671	DDA - Draft - Final Review and prepare for 1st Sub	12	02-Nov-20	14-Nov-20	2	26-Dec-20 A	29-Dec-20 A
B263691	DDA - 1st Sub	0		14-Nov-20	0		29-Dec-20 A
B263681	DDA - Review by SO	28	15-Nov-20	12-Dec-20	28	30-Dec-20 A	26-Jan-21 A
B263741	DDA - Review by IP / DC	28	15-Nov-20	12-Dec-20	129	30-Dec-20 A	07-May-21
B263701	DDA - Further information required by SO	12	14-Dec-20	29-Dec-20	85	27-Jan-21 A	14-May-21
B263721	DDA - 2nd Sub	0		29-Dec-20	0		14-May-21
B263711	DDA - 2nd Review by SO	35	30-Dec-20	02-Feb-21	35	15-May-21	18-Jun-21
B263661	DDA - SO Consent for Construction	0		02-Feb-21	0		18-Jun-21
AIP Foot Bridge FB-02		24	25-Aug-20	22-Sep-20	15	14-Dec-20 A	04-Jan-21 A
B256042	AIP - 2nd Sub	0		25-Aug-20	0		14-Dec-20 A
B265211	AIP - 2nd Review by SO	28	26-Aug-20	22-Sep-20	21	15-Dec-20 A	04-Jan-21 A
B256092	AIP - SO Consent for DDA Submission	0		22-Sep-20	0		04-Jan-21 A
DDA Foot Bridge FB-02		74	09-Oct-20	07-Jan-21	128	05-Jan-21 A	12-Jun-21
B263851	DDA - Draft - Final Review and prepare for 1st Sub	12	09-Oct-20	22-Oct-20	6	05-Jan-21 A	11-Jan-21 A
B263871	DDA - 1st Sub	0		22-Oct-20	0		11-Jan-21 A
B263861	DDA - Review by SO	28	23-Oct-20	19-Nov-20	45	12-Jan-21 A	25-Feb-21 A
B263921	DDA - Review by IP / DC	28	23-Oct-20	19-Nov-20	77	12-Jan-21 A	29-Mar-21 A
B263881	DDA - Further information required by SO	12	20-Nov-20	03-Dec-20	16	26-Feb-21 A	16-Mar-21 A
B263901	DDA - 2nd Sub	0		03-Dec-20	0		16-Mar-21 A
B263891	DDA - 2nd Review by SO	35	04-Dec-20	07-Jan-21	14	17-Mar-21 A	30-Mar-21 A
B2597571	DDA - Further information required by SO	0			28	01-Apr-21 A	08-May-21
B2597581	DDA - 2nd Sub	0			0		08-May-21
B2597591	DDA - 2nd Review by SO	0			35	09-May-21	12-Jun-21
B263841	DDA - SO Consent for Construction	0		07-Jan-21	0		12-Jun-21
DDA CUE Entrance ELS		39	12-Sep-20	30-Oct-20	37	18-Dec-20 A	02-Feb-21 A
B260830	DDA - Further information required by SO	12	12-Sep-20	25-Sep-20	24	18-Dec-20 A	18-Jan-21 A
B260840	DDA - 2nd Sub	0		25-Sep-20	0		18-Jan-21 A
B260850	DDA - 2nd Review by SO	35	26-Sep-20	30-Oct-20	15	19-Jan-21 A	02-Feb-21 A
B260860	DDA - SO Consent for Construction	0		30-Oct-20	0		02-Feb-21 A
DDA CUE Permanent Works		0	21-Oct-20	21-Oct-20	48	09-Dec-20 A	05-Feb-21 A
B2596431	DDA - Further information required by SO	0			9	09-Dec-20 A	18-Dec-20 A
B2596441	DDA - 3rd Sub	0			0		18-Dec-20 A
B2596451	DDA - 3rd Review by SO	0			27	19-Dec-20 A	14-Jan-21 A
B2596641	DDA - Further information required by SO	0			7	15-Jan-21 A	22-Jan-21 A
B2596651	DDA - 3rd Sub	0			0		22-Jan-21 A
B2596661	DDA - 3rd Review by SO	0			14	23-Jan-21 A	05-Feb-21 A
B260950	DDA - SO Consent for Construction	0		21-Oct-20	0		05-Feb-21 A
[STE] AIP CUE L10 (N) Permanent Works		66	03-Dec-21	24-Feb-22	38	05-Dec-20 A	21-Jan-21 A
B261240	AIP - Draft - Final Review and prepare for 1st Sub	12	03-Dec-21	16-Dec-21	2	05-Dec-20 A	07-Dec-20 A
B261250	AIP - 1st Sub	0		16-Dec-21	0		07-Dec-20 A
B261270	AIP - Review by SO	28	17-Dec-21	13-Jan-22	16	08-Dec-20 A	23-Dec-20 A
B261260	AIP - Review by IP / DC	28	17-Dec-21	13-Jan-22	16	08-Dec-20 A	23-Dec-20 A
B261280	AIP - Further information required by SO	12	14-Jan-22	27-Jan-22	17	24-Dec-20 A	15-Jan-21 A
B261290	AIP - 2nd Sub	0		27-Jan-22	0		15-Jan-21 A
B261300	AIP - 2nd Review by SO	28	28-Jan-22	24-Feb-22	6	16-Jan-21 A	21-Jan-21 A
B261310	AIP - SO Consent for DDA Submission	0		24-Feb-22	0		21-Jan-21 A
[STE] DDA CUE L10 (N) Permanent Works		88	22-Feb-22	11-Jun-22	116	12-Dec-20 A	10-May-21
B261060	DDA - Draft - Final Review and prepare for 1st Sub	12	22-Feb-22	07-Mar-22	26	12-Dec-20 A	14-Jan-21 A
B261070	DDA - 1st Sub	0		07-Mar-22	0		14-Jan-21 A
B261090	DDA - Review by SO	28	08-Mar-22	04-Apr-22	40	15-Jan-21 A	23-Feb-21 A



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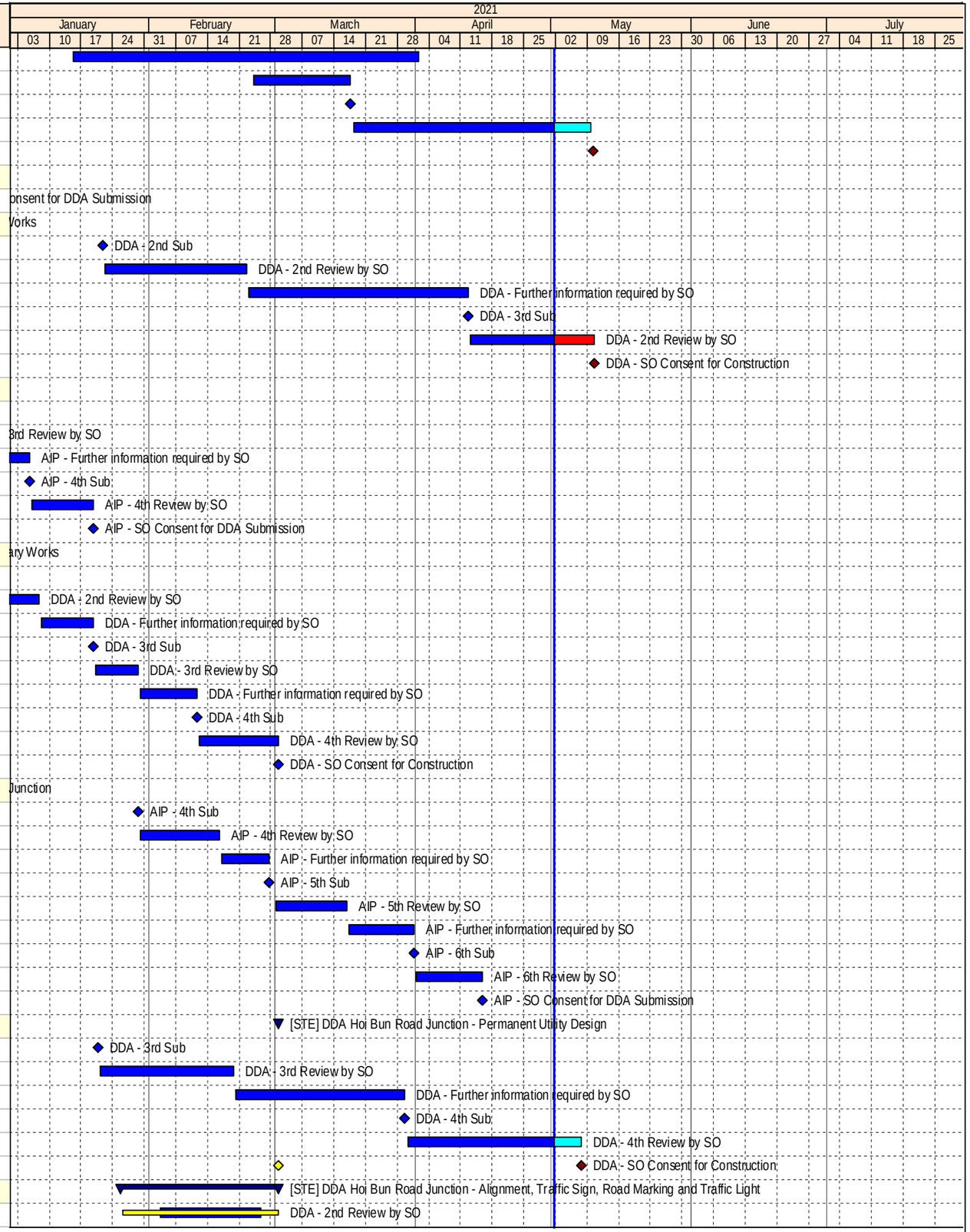
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
B261080	DDA - Review by IP / DC	28	08-Mar-22	04-Apr-22	77	15-Jan-21 A	01-Apr-21 A
B261100	DDA - Further information required by SO	24	06-Apr-22	07-May-22	19	24-Feb-21 A	17-Mar-21 A
B261110	DDA - 2nd Sub	0		07-May-22	0		17-Mar-21 A
B261120	DDA - 2nd Review by SO	35	08-May-22	11-Jun-22	53	18-Mar-21 A	09-May-21
B261130	DDA - SO Consent for Construction	0		11-Jun-22	0		10-May-21
[STE] AIP District Cooling System Permanent Works		0	12-Aug-20	12-Aug-20	0	16-Dec-20 A	16-Dec-20 A
B263931	AIP - SO Consent for DDA Submission	0		12-Aug-20	0		16-Dec-20 A
[STE] DDA District Cooling System Permanent Works		27	30-Sep-20	04-Nov-20	85	21-Jan-21 A	10-May-21
B264081	DDA - 2nd Sub	0		30-Sep-20	0		21-Jan-21 A
B264071	DDA - 2nd Review by SO	35	01-Oct-20	04-Nov-20	32	22-Jan-21 A	22-Feb-21 A
B2596881	DDA - Further information required by SO	0			38	23-Feb-21 A	12-Apr-21 A
B2596891	DDA - 3rd Sub	0			0		12-Apr-21 A
B2596901	DDA - 2nd Review by SO	0			28	13-Apr-21 A	10-May-21
B264021	DDA - SO Consent for Construction	0		04-Nov-20	0		10-May-21
[STE] AIP District Cooling System Temporary Works		0	14-Aug-20	14-Aug-20	33	08-Dec-20 A	19-Jan-21 A
B2596231	AIP - 3rd Sub	0			0		08-Dec-20 A
B2596241	AIP - 3rd Review by SO	0			14	09-Dec-20 A	22-Dec-20 A
B2596461	AIP - Further information required by SO	0			9	23-Dec-20 A	05-Jan-21 A
B2596471	AIP - 4th Sub	0			0		05-Jan-21 A
B2596481	AIP - 4th Review by SO	0			14	06-Jan-21 A	19-Jan-21 A
B258970	AIP - SO Consent for DDA Submission	0		14-Aug-20	0		19-Jan-21 A
[STE] DDA District Cooling System Temporary Works		29	05-Oct-20	09-Nov-20	62	11-Dec-20 A	01-Mar-21 A
B259040	DDA - 2nd Sub	0		05-Oct-20	0		11-Dec-20 A
B259050	DDA - 2nd Review by SO	35	06-Oct-20	09-Nov-20	27	12-Dec-20 A	07-Jan-21 A
B2596671	DDA - Further information required by SO	0			10	08-Jan-21 A	19-Jan-21 A
B2596681	DDA - 3rd Sub	0			0		19-Jan-21 A
B2596691	DDA - 3rd Review by SO	0			10	20-Jan-21 A	29-Jan-21 A
B2596911	DDA - Further information required by SO	0			11	30-Jan-21 A	11-Feb-21 A
B2596921	DDA - 4th Sub	0			0		11-Feb-21 A
B2596931	DDA - 4th Review by SO	0			18	12-Feb-21 A	01-Mar-21 A
B259060	DDA - SO Consent for Construction	0		09-Nov-20	0		01-Mar-21 A
[STE] AIP Hoi Bun Road Junction		0	30-Nov-20	30-Nov-20	58	29-Jan-21 A	15-Apr-21 A
B2596501	AIP - 4th Sub	0			0		29-Jan-21 A
B2596511	AIP - 4th Review by SO	0			18	30-Jan-21 A	16-Feb-21 A
B2596941	AIP - Further information required by SO	0			10	17-Feb-21 A	27-Feb-21 A
B2596951	AIP - 5th Sub	0			0		27-Feb-21 A
B2596961	AIP - 5th Review by SO	0			16	01-Mar-21 A	16-Mar-21 A
B2597391	AIP - Further information required by SO	0			13	17-Mar-21 A	31-Mar-21 A
B2597401	AIP - 6th Sub	0			0		31-Mar-21 A
B2597411	AIP - 6th Review by SO	0			15	01-Apr-21 A	15-Apr-21 A
B259780	AIP - SO Consent for DDA Submission	0		30-Nov-20	0		15-Apr-21 A
[STE] DDA Hoi Bun Road Junction - Permanent Utility Design		0	01-Mar-21	01-Mar-21	84	20-Jan-21 A	07-May-21
B2596531	DDA - 3rd Sub	0			0		20-Jan-21 A
B2596541	DDA - 3rd Review by SO	0			30	21-Jan-21 A	19-Feb-21 A
B2596971	DDA - Further information required by SO	0			32	20-Feb-21 A	29-Mar-21 A
B2596981	DDA - 4th Sub	0			0		29-Mar-21 A
B2596991	DDA - 4th Review by SO	0			39	30-Mar-21 A	07-May-21
B259510	DDA - SO Consent for Construction	0		01-Mar-21	0		07-May-21
[STE] DDA Hoi Bun Road Junction - Alignment, Traffic Sign, Road Marking a		27	25-Jan-21	01-Mar-21	72	03-Feb-21 A	07-May-21
B263261	DDA - 2nd Review by SO	35	26-Jan-21	01-Mar-21	22	03-Feb-21 A	25-Feb-21 A



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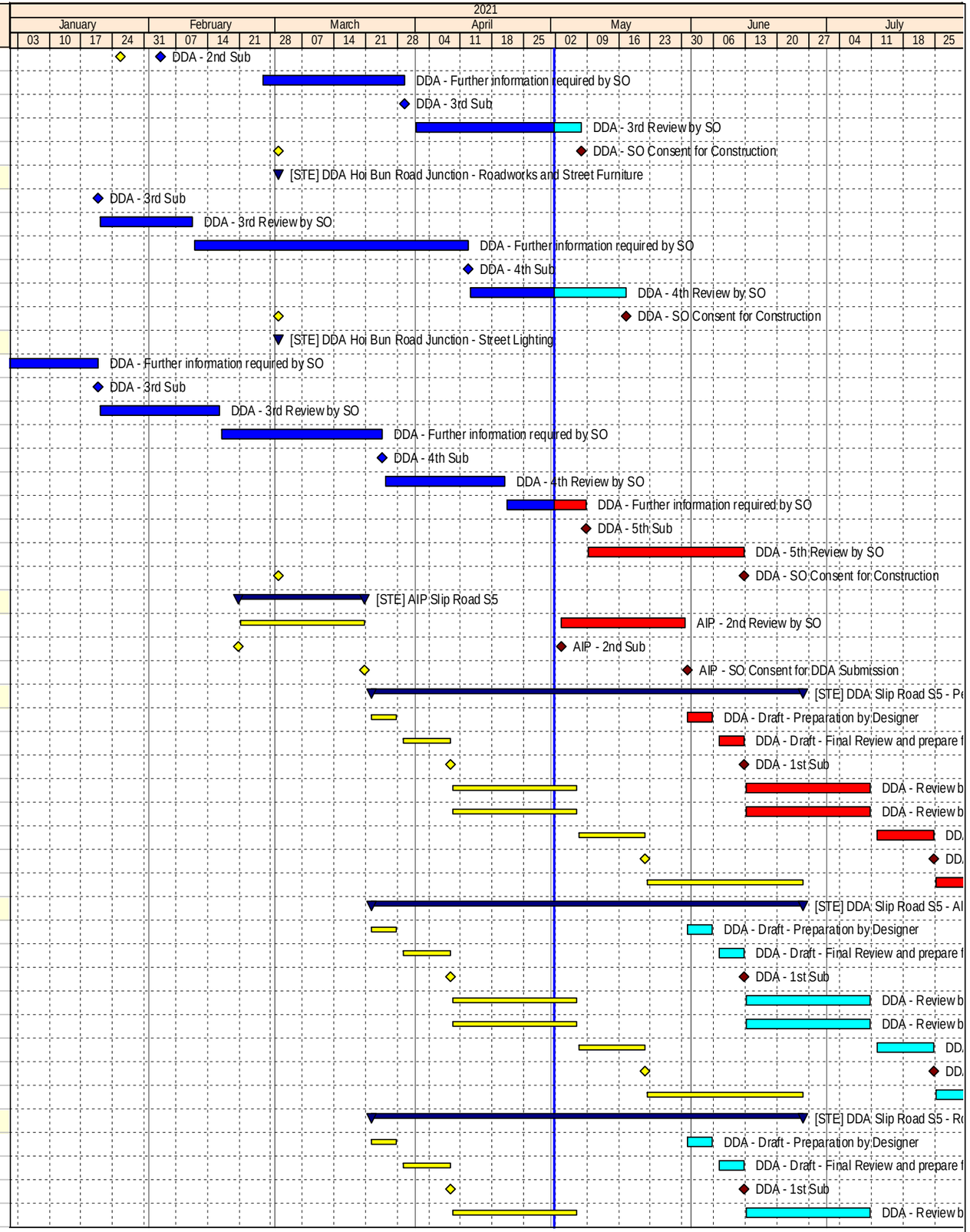
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
B263271	DDA - 2nd Sub	0		25-Jan-21	0		03-Feb-21 A
B2597421	DDA - Further information required by SO	0			27	26-Feb-21 A	29-Mar-21 A
B2597441	DDA - 3rd Sub	0			0		29-Mar-21 A
B2597431	DDA - 3rd Review by SO	0			37	01-Apr-21 A	07-May-21
B263211	DDA - SO Consent for Construction	0		01-Mar-21	0		07-May-21
[STE] DDA Hoi Bun Road Junction - Roadworks and Street Furniture		0	01-Mar-21	01-Mar-21	92	20-Jan-21 A	17-May-21
B2596711	DDA - 3rd Sub	0			0		20-Jan-21 A
B2596721	DDA - 3rd Review by SO	0			21	21-Jan-21 A	10-Feb-21 A
B2597001	DDA - Further information required by SO	0			45	11-Feb-21 A	12-Apr-21 A
B2597011	DDA - 4th Sub	0			0		12-Apr-21 A
B2597021	DDA - 4th Review by SO	0			35	13-Apr-21 A	17-May-21
B259600	DDA - SO Consent for Construction	0		01-Mar-21	0		17-May-21
[STE] DDA Hoi Bun Road Junction - Street Lighting		0	01-Mar-21	01-Mar-21	145	12-Dec-20 A	12-Jun-21
B2596551	DDA - Further information required by SO	0			31	12-Dec-20 A	20-Jan-21 A
B2596561	DDA - 3rd Sub	0			0		20-Jan-21 A
B2596571	DDA - 3rd Review by SO	0			27	21-Jan-21 A	16-Feb-21 A
B2597451	DDA - Further information required by SO	0			31	17-Feb-21 A	24-Mar-21 A
B2597461	DDA - 4th Sub	0			0		24-Mar-21 A
B2597471	DDA - 4th Review by SO	0			27	25-Mar-21 A	20-Apr-21 A
B2597601	DDA - Further information required by SO	0			15	21-Apr-21 A	08-May-21
B2597621	DDA - 5th Sub	0			0		08-May-21
B2597611	DDA - 5th Review by SO	0			35	09-May-21	12-Jun-21
B259690	DDA - SO Consent for Construction	0		01-Mar-21	0		12-Jun-21
[STE] AIP Slip Road S5		24	20-Feb-21	20-Mar-21	23	03-May-21	31-May-21
B2593761	AIP - 2nd Review by SO	28	21-Feb-21	20-Mar-21	28	03-May-21	30-May-21
B2593751	AIP - 2nd Sub	0		20-Feb-21	0		03-May-21
B260140	AIP - SO Consent for DDA Submission	0		20-Mar-21	0		31-May-21
[STE] DDA Slip Road S5 - Permanent Utility Design		76	22-Mar-21	25-Jun-21	76	31-May-21	28-Aug-21
B259880	DDA - Draft - Preparation by Designer	6	22-Mar-21	27-Mar-21	6	31-May-21	05-Jun-21
B259890	DDA - Draft - Final Review and prepare for 1st Sub	6	29-Mar-21	08-Apr-21	6	07-Jun-21	12-Jun-21
B259900	DDA - 1st Sub	0		08-Apr-21	0		12-Jun-21
B259920	DDA - Review by SO	28	09-Apr-21	06-May-21	28	13-Jun-21	10-Jul-21
B259910	DDA - Review by IP / DC	28	09-Apr-21	06-May-21	28	13-Jun-21	10-Jul-21
B259930	DDA - Further information required by SO	12	07-May-21	21-May-21	12	12-Jul-21	24-Jul-21
B259940	DDA - 2nd Sub	0		21-May-21	0		24-Jul-21
B259950	DDA - 2nd Review by SO	35	22-May-21	25-Jun-21	35	25-Jul-21	28-Aug-21
[STE] DDA Slip Road S5 - Alignment, Traffic Sign, Road Marking and Traffic		76	22-Mar-21	25-Jun-21	76	31-May-21	28-Aug-21
B263371	DDA - Draft - Preparation by Designer	6	22-Mar-21	27-Mar-21	6	31-May-21	05-Jun-21
B263311	DDA - Draft - Final Review and prepare for 1st Sub	6	29-Mar-21	08-Apr-21	6	07-Jun-21	12-Jun-21
B263331	DDA - 1st Sub	0		08-Apr-21	0		12-Jun-21
B263321	DDA - Review by SO	28	09-Apr-21	06-May-21	28	13-Jun-21	10-Jul-21
B263381	DDA - Review by IP / DC	28	09-Apr-21	06-May-21	28	13-Jun-21	10-Jul-21
B263341	DDA - Further information required by SO	12	07-May-21	21-May-21	12	12-Jul-21	24-Jul-21
B263361	DDA - 2nd Sub	0		21-May-21	0		24-Jul-21
B263351	DDA - 2nd Review by SO	35	22-May-21	25-Jun-21	35	25-Jul-21	28-Aug-21
[STE] DDA Slip Road S5 - Roadworks and Street Furniture		76	22-Mar-21	25-Jun-21	76	31-May-21	28-Aug-21
B259790	DDA - Draft - Preparation by Designer	6	22-Mar-21	27-Mar-21	6	31-May-21	05-Jun-21
B259800	DDA - Draft - Final Review and prepare for 1st Sub	6	29-Mar-21	08-Apr-21	6	07-Jun-21	12-Jun-21
B259810	DDA - 1st Sub	0		08-Apr-21	0		12-Jun-21
B259830	DDA - Review by SO	28	09-Apr-21	06-May-21	28	13-Jun-21	10-Jul-21



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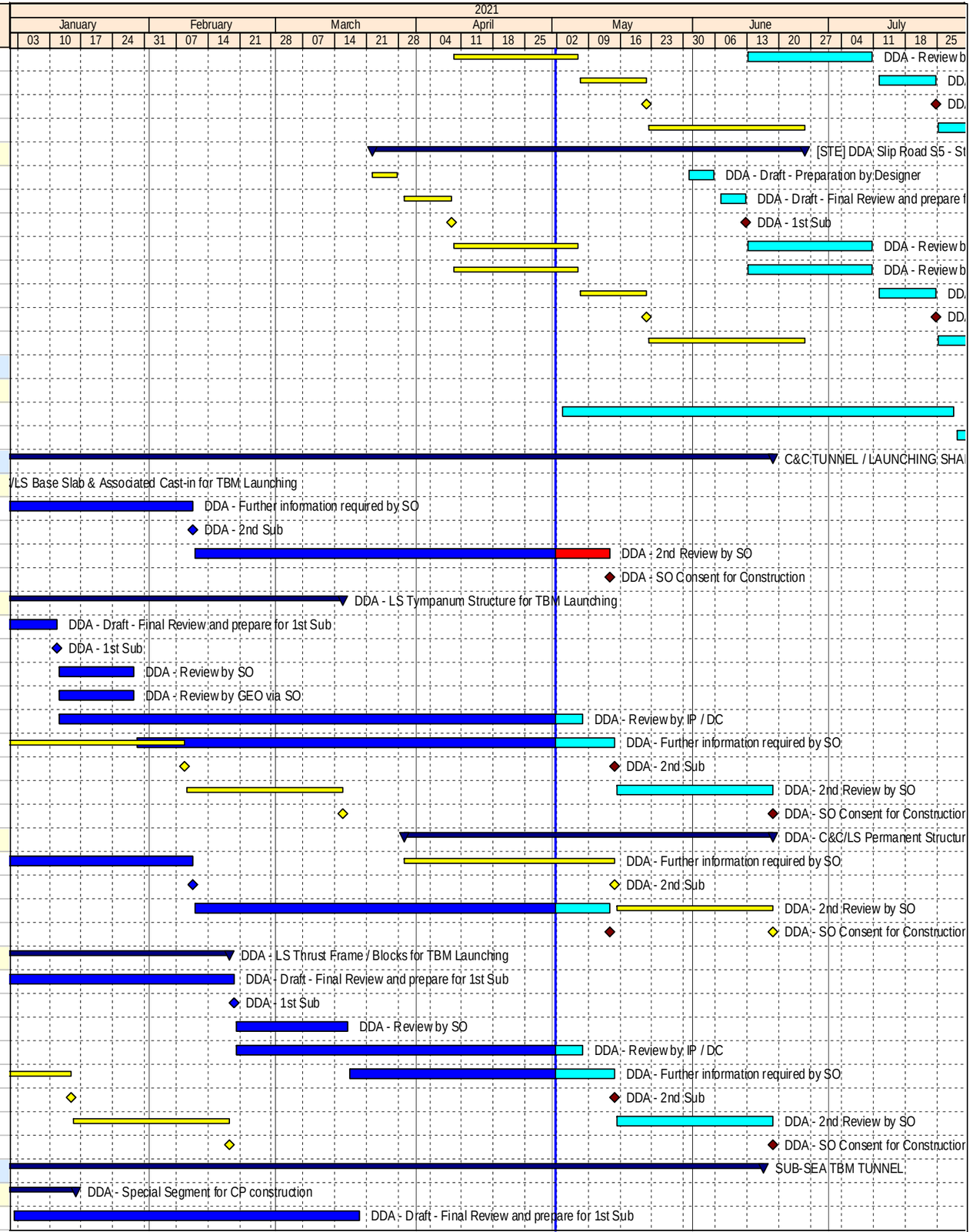
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
B259820	DDA - Review by IP / DC	28	09-Apr-21	06-May-21	28	13-Jun-21	10-Jul-21
B259840	DDA - Further information required by SO	12	07-May-21	21-May-21	12	12-Jul-21	24-Jul-21
B259850	DDA - 2nd Sub	0		21-May-21	0		24-Jul-21
B259860	DDA - 2nd Review by SO	35	22-May-21	25-Jun-21	35	25-Jul-21	28-Aug-21
[STE] DDA Slip Road S5 - Street Lighting		76	22-Mar-21	25-Jun-21	76	31-May-21	28-Aug-21
B259970	DDA - Draft - Preparation by Designer	6	22-Mar-21	27-Mar-21	6	31-May-21	05-Jun-21
B259980	DDA - Draft - Final Review and prepare for 1st Sub	6	29-Mar-21	08-Apr-21	6	07-Jun-21	12-Jun-21
B259990	DDA - 1st Sub	0		08-Apr-21	0		12-Jun-21
B260010	DDA - Review by SO	28	09-Apr-21	06-May-21	28	13-Jun-21	10-Jul-21
B260000	DDA - Review by IP / DC	28	09-Apr-21	06-May-21	28	13-Jun-21	10-Jul-21
B260020	DDA - Further information required by SO	12	07-May-21	21-May-21	12	12-Jul-21	24-Jul-21
B260030	DDA - 2nd Sub	0		21-May-21	0		24-Jul-21
B260040	DDA - 2nd Review by SO	35	22-May-21	25-Jun-21	35	25-Jul-21	28-Aug-21
SUPPORTING UNDERGROUND STRUCTURE [SUS]		86	04-May-20	13-Aug-20	86	03-May-21	13-Aug-21
AIP SUS - Internal Structure		86	04-May-20	13-Aug-20	86	03-May-21	13-Aug-21
B24170	AIP - Draft - Preparation by Designer	72	04-May-20	28-Jul-20	72	03-May-21	28-Jul-21
B24180	AIP - Draft - Final Review and prepare for 1st Sub	14	29-Jul-20	13-Aug-20	14	29-Jul-21	13-Aug-21
C&C TUNNEL / LAUNCHING SHAFT [C&C / LS]		192	22-Oct-20	18-Jun-21	147	15-Dec-20 A	18-Jun-21
DDA - C&C/LS Base Slab & Associated Cast-in for TBM Launching		44	27-Oct-20	16-Dec-20	110	24-Dec-20 A	13-May-21
B10840	DDA - Further information required by SO	14	27-Oct-20	11-Nov-20	39	24-Dec-20 A	10-Feb-21 A
B10850	DDA - 2nd Sub	0		11-Nov-20	0		10-Feb-21 A
B10860	DDA - 2nd Review by SO	35	12-Nov-20	16-Dec-20	92	11-Feb-21 A	13-May-21
B10880	DDA - SO Consent for Construction	0		16-Dec-20	0		13-May-21
DDA - LS Tympanum Structure for TBM Launching		109	02-Nov-20	15-Mar-21	146	16-Dec-20 A	18-Jun-21
B10900	DDA - Draft - Final Review and prepare for 1st Sub	24	02-Nov-20	28-Nov-20	20	16-Dec-20 A	11-Jan-21 A
B10910	DDA - 1st Sub	0		28-Nov-20	0		11-Jan-21 A
B10940	DDA - Review by SO	28	29-Nov-20	26-Dec-20	17	12-Jan-21 A	28-Jan-21 A
B10930	DDA - Review by GEO via SO	28	29-Nov-20	26-Dec-20	17	12-Jan-21 A	28-Jan-21 A
B10920	DDA - Review by IP / DC	28	29-Nov-20	26-Dec-20	116	12-Jan-21 A	07-May-21
B10950	DDA - Further information required by SO	36	28-Dec-20	08-Feb-21	83	29-Jan-21 A	14-May-21
B10960	DDA - 2nd Sub	0		08-Feb-21	0		14-May-21
B10970	DDA - 2nd Review by SO	35	09-Feb-21	15-Mar-21	35	15-May-21	18-Jun-21
B10980	DDA - SO Consent for Construction	0		15-Mar-21	0		18-Jun-21
DDA - C&C/LS Permanent Structure		64	29-Mar-21	18-Jun-21	110	24-Dec-20 A	13-May-21
B11050	DDA - Further information required by SO	36	29-Mar-21	14-May-21	39	24-Dec-20 A	10-Feb-21 A
B11060	DDA - 2nd Sub	0		14-May-21	0		10-Feb-21 A
B11070	DDA - 2nd Review by SO	35	15-May-21	18-Jun-21	92	11-Feb-21 A	13-May-21
B11080	DDA - SO Consent for Construction	0		18-Jun-21	0		13-May-21
DDA - LS Thrust Frame / Blocks for TBM Launching		96	22-Oct-20	18-Feb-21	147	15-Dec-20 A	18-Jun-21
B11300	DDA - Draft - Final Review and prepare for 1st Sub	9	22-Oct-20	02-Nov-20	52	15-Dec-20 A	19-Feb-21 A
B11310	DDA - 1st Sub	0		02-Nov-20	0		19-Feb-21 A
B11340	DDA - Review by SO	28	03-Nov-20	30-Nov-20	25	20-Feb-21 A	16-Mar-21 A
B11320	DDA - Review by IP / DC	28	03-Nov-20	30-Nov-20	77	20-Feb-21 A	07-May-21
B11350	DDA - Further information required by SO	36	01-Dec-20	14-Jan-21	46	17-Mar-21 A	14-May-21
B11360	DDA - 2nd Sub	0		14-Jan-21	0		14-May-21
B11370	DDA - 2nd Review by SO	35	15-Jan-21	18-Feb-21	35	15-May-21	18-Jun-21
B11380	DDA - SO Consent for Construction	0		18-Feb-21	0		18-Jun-21
SUB-SEA TBM TUNNEL		252	08-Aug-20	16-Jun-21	189	29-Dec-20 A	19-Aug-21
DDA - Special Segment for CP construction		104	10-Sep-20	15-Jan-21	144	02-Jan-21 A	02-Jul-21
B20180	DDA - Draft - Final Review and prepare for 1st Sub	24	10-Sep-20	09-Oct-20	62	02-Jan-21 A	19-Mar-21 A



Milestone · Summary · Planned Bar · Critical Activity · Actual Milestone · Actual Work · Baseline Milestone · Baseline Bar

ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Apr-21)

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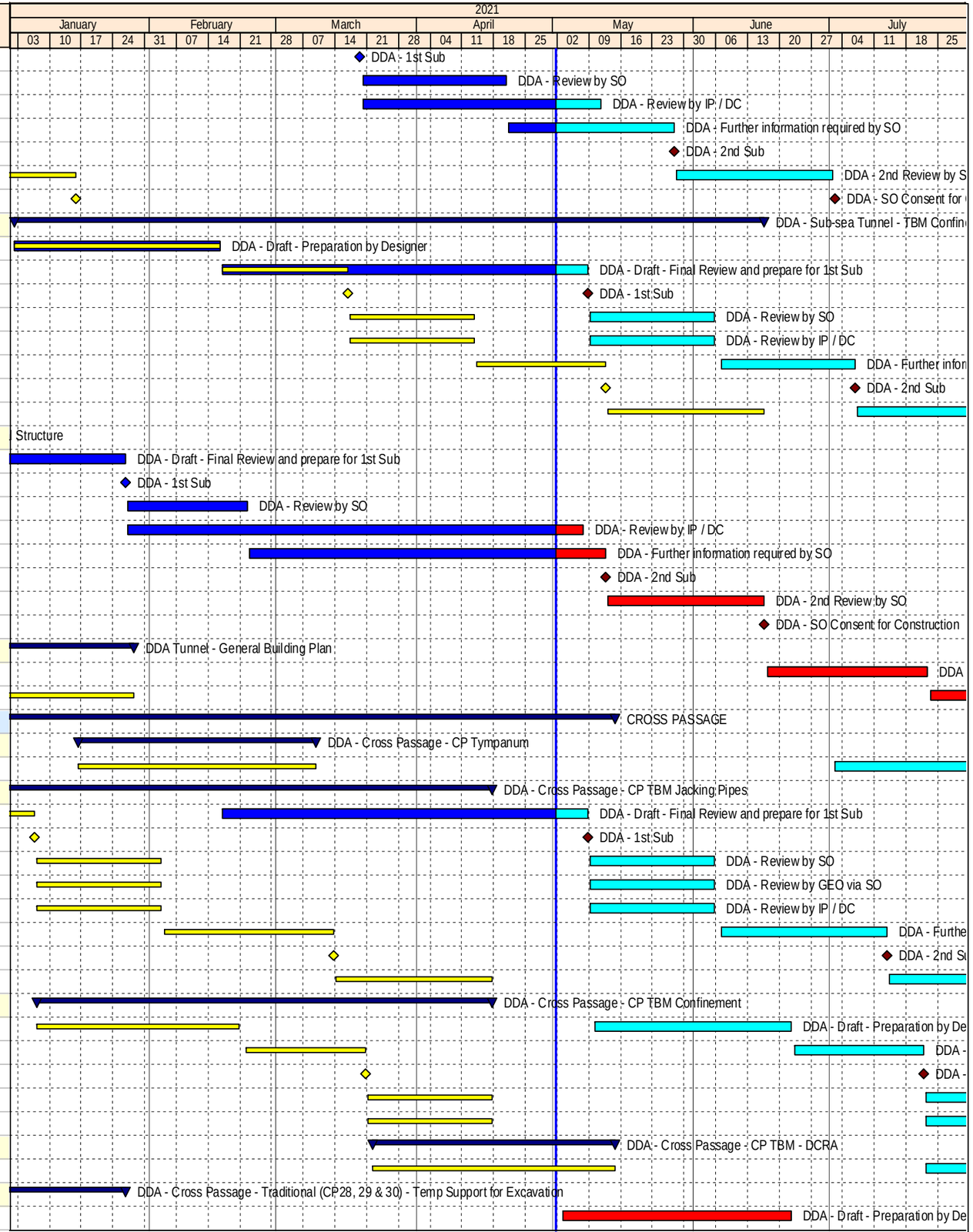
Date	Revision	Checked	Approved
05-Nov-19	00V0	WYu	
18-Dec-19	00V1	WYu	
22-Feb-20	01V0	SPa/LLo	WYu
09-Apr-20	01V1	SPa/LLo	WYu
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
B20190	DDA - 1st Sub	0		09-Oct-20	0		19-Mar-21 A
B20220	DDA - Review by SO	28	10-Oct-20	06-Nov-20	32	20-Mar-21 A	20-Apr-21 A
B20200	DDA - Review by IP / DC	28	10-Oct-20	06-Nov-20	53	20-Mar-21 A	11-May-21
B20230	DDA - Further information required by SO	30	07-Nov-20	11-Dec-20	30	21-Apr-21 A	27-May-21
B20240	DDA - 2nd Sub	0		11-Dec-20	0		27-May-21
B20250	DDA - 2nd Review by SO	35	12-Dec-20	15-Jan-21	35	28-May-21	01-Jul-21
B20260	DDA - SO Consent for Construction	0		15-Jan-21	0		02-Jul-21
DDA - Sub-sea Tunnel - TBM Confinement		132	02-Jan-21	16-Jun-21	178	02-Jan-21 A	10-Aug-21
B20270	DDA - Draft - Preparation by Designer	36	02-Jan-21	16-Feb-21	36	02-Jan-21 A	16-Feb-21 A
B20280	DDA - Draft - Final Review and prepare for 1st Sub	24	17-Feb-21	16-Mar-21	65	17-Feb-21 A	08-May-21
B20290	DDA - 1st Sub	0		16-Mar-21	0		08-May-21
B20320	DDA - Review by SO	28	17-Mar-21	13-Apr-21	28	09-May-21	05-Jun-21
B20300	DDA - Review by IP / DC	28	17-Mar-21	13-Apr-21	28	09-May-21	05-Jun-21
B20330	DDA - Further information required by SO	24	14-Apr-21	12-May-21	24	07-Jun-21	06-Jul-21
B20340	DDA - 2nd Sub	0		12-May-21	0		06-Jul-21
B20350	DDA - 2nd Review by SO	35	13-May-21	16-Jun-21	35	07-Jul-21	10-Aug-21
DDA - Sub-sea Tunnel - Internal Structure		89	08-Aug-20	23-Nov-20	135	29-Dec-20 A	16-Jun-21
B20480	DDA - Draft - Final Review and prepare for 1st Sub	12	08-Aug-20	21-Aug-20	24	29-Dec-20 A	26-Jan-21 A
B20490	DDA - 1st Sub	0		21-Aug-20	0		26-Jan-21 A
B20520	DDA - Review by SO	28	22-Aug-20	18-Sep-20	27	27-Jan-21 A	22-Feb-21 A
B20500	DDA - Review by IP / DC	28	22-Aug-20	18-Sep-20	101	27-Jan-21 A	07-May-21
B20530	DDA - Further information required by SO	24	19-Sep-20	19-Oct-20	63	23-Feb-21 A	12-May-21
B20540	DDA - 2nd Sub	0		19-Oct-20	0		12-May-21
B20550	DDA - 2nd Review by SO	35	20-Oct-20	23-Nov-20	35	13-May-21	16-Jun-21
B20560	DDA - SO Consent for Construction	0		23-Nov-20	0		16-Jun-21
DDA Tunnel - General Building Plan		54	24-Nov-20	28-Jan-21	54	17-Jun-21	19-Aug-21
B2594661	DDA - Draft - Preparation by Designer	30	24-Nov-20	30-Dec-20	30	17-Jun-21	22-Jul-21
B2594601	DDA - Draft - Final Review and prepare for 1st Sub	24	31-Dec-20	28-Jan-21	24	23-Jul-21	19-Aug-21
CROSS PASSAGE		174	10-Oct-20	14-May-21	167	17-Feb-21 A	08-Sep-21
DDA - Cross Passage - CP Tympanum		42	16-Jan-21	09-Mar-21	42	02-Jul-21	19-Aug-21
B20670	DDA - Draft - Preparation by Designer	42	16-Jan-21	09-Mar-21	42	02-Jul-21	19-Aug-21
DDA - Cross Passage - CP TBM Jacking Pipes		104	07-Dec-20	17-Apr-21	148	17-Feb-21 A	17-Aug-21
B20780	DDA - Draft - Final Review and prepare for 1st Sub	24	07-Dec-20	06-Jan-21	65	17-Feb-21 A	08-May-21
B20790	DDA - 1st Sub	0		06-Jan-21	0		08-May-21
B20820	DDA - Review by SO	28	07-Jan-21	03-Feb-21	28	09-May-21	05-Jun-21
B20810	DDA - Review by GEO via SO	28	07-Jan-21	03-Feb-21	28	09-May-21	05-Jun-21
B20800	DDA - Review by IP / DC	28	07-Jan-21	03-Feb-21	28	09-May-21	05-Jun-21
B20830	DDA - Further information required by SO	30	04-Feb-21	13-Mar-21	30	07-Jun-21	13-Jul-21
B20840	DDA - 2nd Sub	0		13-Mar-21	0		13-Jul-21
B20850	DDA - 2nd Review by SO	35	14-Mar-21	17-Apr-21	35	14-Jul-21	17-Aug-21
DDA - Cross Passage - CP TBM Confinement		80	07-Jan-21	17-Apr-21	84	10-May-21	18-Aug-21
B20870	DDA - Draft - Preparation by Designer	36	07-Jan-21	20-Feb-21	36	10-May-21	22-Jun-21
B20880	DDA - Draft - Final Review and prepare for 1st Sub	24	22-Feb-21	20-Mar-21	24	23-Jun-21	21-Jul-21
B20890	DDA - 1st Sub	0		20-Mar-21	0		21-Jul-21
B20920	DDA - Review by SO	28	21-Mar-21	17-Apr-21	28	22-Jul-21	18-Aug-21
B20900	DDA - Review by IP / DC	28	21-Mar-21	17-Apr-21	28	22-Jul-21	18-Aug-21
DDA - Cross Passage - CP TBM - DCRA		42	22-Mar-21	14-May-21	42	22-Jul-21	08-Sep-21
B20970	DDA - Draft - Preparation by Designer	42	22-Mar-21	14-May-21	42	22-Jul-21	08-Sep-21
DDA - Cross Passage - Traditional (CP28, 29 & 30) - Temp Support for Exca		89	10-Oct-20	26-Jan-21	90	03-May-21	18-Aug-21
B21070	DDA - Draft - Preparation by Designer	42	10-Oct-20	28-Nov-20	42	03-May-21	22-Jun-21



Milestone
Planned Bar
Critical Activity
Actual Milestone
Actual Work
Baseline Milestone
Baseline Bar
Summary

ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

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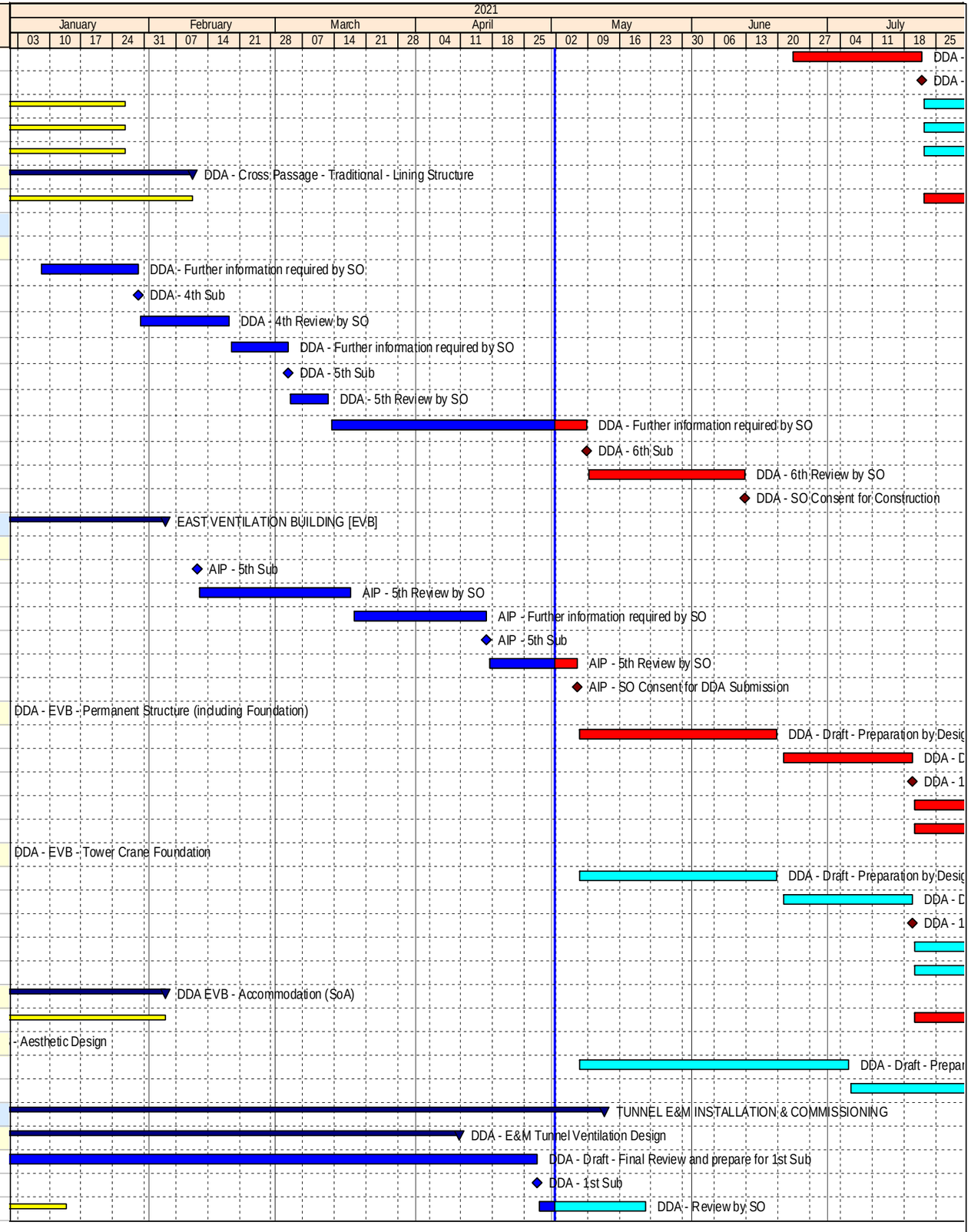
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
B21080	DDA - Draft - Final Review and prepare for 1st Sub	24	30-Nov-20	29-Dec-20	24	23-Jun-21	21-Jul-21
B21090	DDA - 1st Sub	0		29-Dec-20	0		21-Jul-21
B21120	DDA - Review by SO	28	30-Dec-20	26-Jan-21	28	22-Jul-21	18-Aug-21
B21110	DDA - Review by GEO via SO	28	30-Dec-20	26-Jan-21	28	22-Jul-21	18-Aug-21
B21100	DDA - Review by IP / DC	28	30-Dec-20	26-Jan-21	28	22-Jul-21	18-Aug-21
DDA - Cross Passage - Traditional - Lining Structure		36	30-Dec-20	10-Feb-21	36	22-Jul-21	01-Sep-21
B21170	DDA - Draft - Preparation by Designer	36	30-Dec-20	10-Feb-21	36	22-Jul-21	01-Sep-21
DRILL & BREAK [D&BR] / DRILL & BLAST TUNNEL [D&BL]		0	22-Sep-20	22-Sep-20	125	08-Jan-21 A	12-Jun-21
DDA - D&BR / D&BL Tunnel - Lining & Internal Structure		0	22-Sep-20	22-Sep-20	125	08-Jan-21 A	12-Jun-21
B2596731	DDA - Further information required by SO	0			19	08-Jan-21 A	29-Jan-21 A
B2596741	DDA - 4th Sub	0			0		29-Jan-21 A
B2596751	DDA - 4th Review by SO	0			20	30-Jan-21 A	18-Feb-21 A
B2597031	DDA - Further information required by SO	0			11	19-Feb-21 A	03-Mar-21 A
B2597041	DDA - 5th Sub	0			0		03-Mar-21 A
B2597051	DDA - 5th Review by SO	0			9	04-Mar-21 A	12-Mar-21 A
B2597481	DDA - Further information required by SO	0			44	13-Mar-21 A	08-May-21
B2597501	DDA - 6th Sub	0			0		08-May-21
B2597491	DDA - 6th Review by SO	0			35	09-May-21	12-Jun-21
B21860	DDA - SO Consent for Construction	0		22-Sep-20	0		12-Jun-21
EAST VENTILATION BUILDING [EVB]		112	19-Sep-20	04-Feb-21	176	11-Feb-21 A	17-Sep-21
AIP EVB - Permanent Structure		0	19-Sep-20	19-Sep-20	64	11-Feb-21 A	06-May-21
B2596591	AIP - 5th Sub	0			0		11-Feb-21 A
B2596601	AIP - 5th Review by SO	0			26	12-Feb-21 A	17-Mar-21 A
B2597511	AIP - Further information required by SO	0			22	18-Mar-21 A	16-Apr-21 A
B2597521	AIP - 5th Sub	0			0		16-Apr-21 A
B2597531	AIP - 5th Review by SO	0			16	17-Apr-21 A	06-May-21
B21960	AIP - SO Consent for DDA Submission	0		19-Sep-20	0		06-May-21
DDA - EVB - Permanent Structure (including Foundation)		82	21-Sep-20	30-Dec-20	84	07-May-21	16-Aug-21
B22070	DDA - Draft - Preparation by Designer	36	21-Sep-20	04-Nov-20	36	07-May-21	19-Jun-21
B22080	DDA - Draft - Final Review and prepare for 1st Sub	24	05-Nov-20	02-Dec-20	24	21-Jun-21	19-Jul-21
B22090	DDA - 1st Sub	0		02-Dec-20	0		19-Jul-21
B22120	DDA - Review by SO	28	03-Dec-20	30-Dec-20	28	20-Jul-21	16-Aug-21
B22100	DDA - Review by IP / DC	28	03-Dec-20	30-Dec-20	28	20-Jul-21	16-Aug-21
DDA - EVB - Tower Crane Foundation		82	21-Sep-20	30-Dec-20	84	07-May-21	16-Aug-21
B2595011	DDA - Draft - Preparation by Designer	36	21-Sep-20	04-Nov-20	36	07-May-21	19-Jun-21
B2594941	DDA - Draft - Final Review and prepare for 1st Sub	24	05-Nov-20	02-Dec-20	24	21-Jun-21	19-Jul-21
B2594961	DDA - 1st Sub	0		02-Dec-20	0		19-Jul-21
B2594951	DDA - Review by SO	28	03-Dec-20	30-Dec-20	28	20-Jul-21	16-Aug-21
B2595021	DDA - Review by IP / DC	28	03-Dec-20	30-Dec-20	28	20-Jul-21	16-Aug-21
DDA EVB - Accommodation (SoA)		52	03-Dec-20	04-Feb-21	52	20-Jul-21	17-Sep-21
B2593871	DDA - Draft - Preparation by Designer	52	03-Dec-20	04-Feb-21	52	20-Jul-21	17-Sep-21
DDA - EVB - Aesthetic Design		72	21-Sep-20	16-Dec-20	72	07-May-21	02-Aug-21
B2594751	DDA - Draft - Preparation by Designer	48	21-Sep-20	18-Nov-20	48	07-May-21	05-Jul-21
B2594681	DDA - Draft - Final Review and prepare for 1st Sub	24	19-Nov-20	16-Dec-20	24	06-Jul-21	02-Aug-21
TUNNEL E&M INSTALLATION & COMMISSIONING		175	06-Oct-20	12-May-21	203	11-Dec-20 A	20-Aug-21
DDA - E&M Tunnel Ventilation Design		113	19-Nov-20	10-Apr-21	198	12-Dec-20 A	16-Aug-21
B22780	DDA - Draft - Final Review and prepare for 1st Sub	24	19-Nov-20	16-Dec-20	107	12-Dec-20 A	27-Apr-21 A
B22790	DDA - 1st Sub	0		16-Dec-20	0		27-Apr-21 A
B22800	DDA - Review by SO	28	17-Dec-20	13-Jan-21	24	28-Apr-21 A	21-May-21



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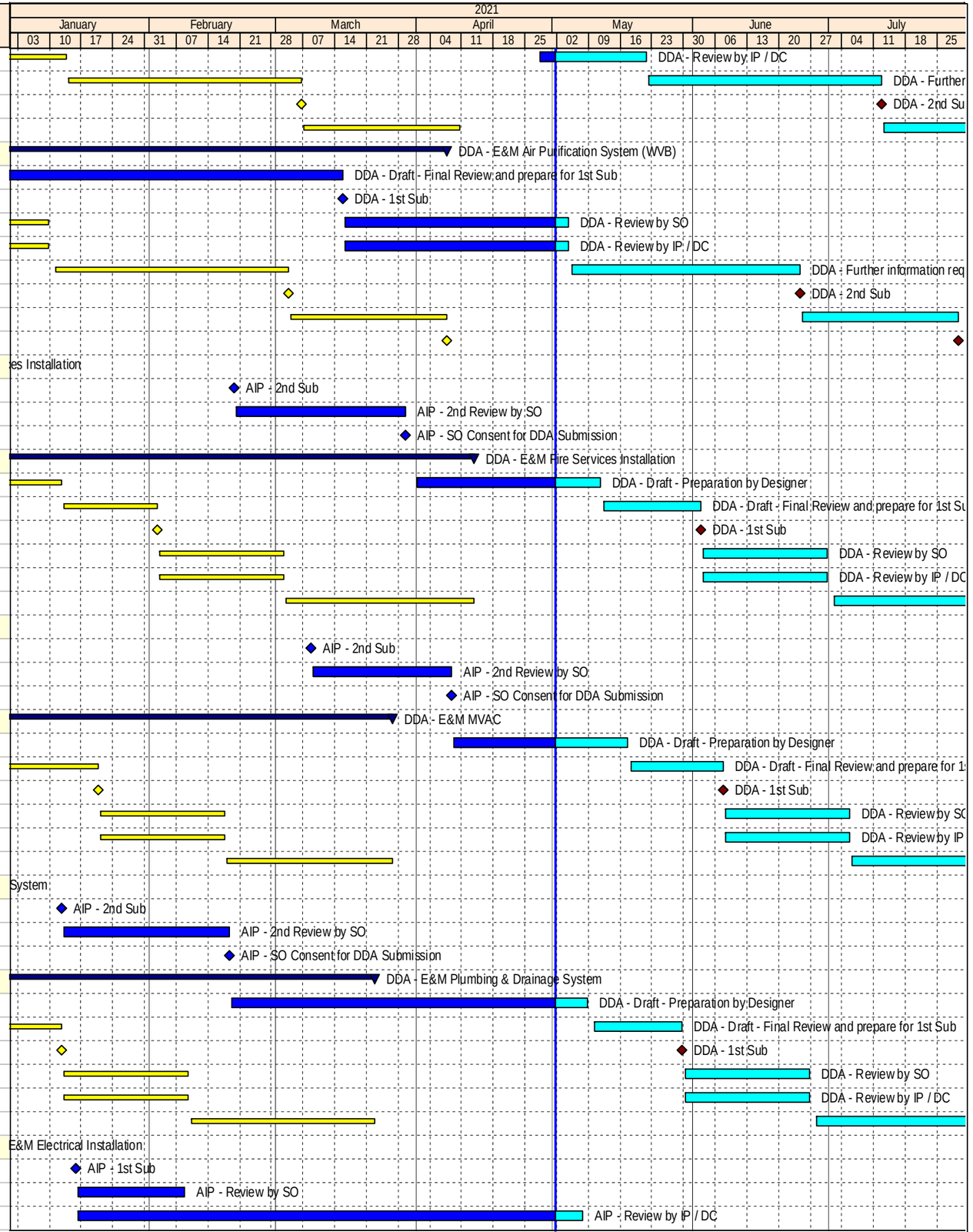
09-Apr-20	01V1	SPa/LLo	WYu
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
B22820	DDA - Review by IP / DC	28	17-Dec-20	13-Jan-21	24	28-Apr-21 A	21-May-21
B22830	DDA - Further information required by SO	42	14-Jan-21	06-Mar-21	42	22-May-21	12-Jul-21
B22840	DDA - 2nd Sub	0		06-Mar-21	0		12-Jul-21
B22850	DDA - 2nd Review by SO	35	07-Mar-21	10-Apr-21	35	13-Jul-21	16-Aug-21
DDA - E&M Air Purification System (WVB)		101	30-Nov-20	07-Apr-21	172	26-Dec-20 A	29-Jul-21
B22380	DDA - Draft - Final Review and prepare for 1st Sub	12	30-Nov-20	12-Dec-20	63	26-Dec-20 A	15-Mar-21 A
B22390	DDA - 1st Sub	0		12-Dec-20	0		15-Mar-21 A
B22400	DDA - Review by SO	28	13-Dec-20	09-Jan-21	50	16-Mar-21 A	04-May-21
B22420	DDA - Review by IP / DC	28	13-Dec-20	09-Jan-21	50	16-Mar-21 A	04-May-21
B22430	DDA - Further information required by SO	42	11-Jan-21	03-Mar-21	42	05-May-21	24-Jun-21
B22440	DDA - 2nd Sub	0		03-Mar-21	0		24-Jun-21
B22450	DDA - 2nd Review by SO	35	04-Mar-21	07-Apr-21	35	25-Jun-21	29-Jul-21
B22460	DDA - SO Consent for Construction	0		07-Apr-21	0		29-Jul-21
AIP - E&M Fire Services Installation		24	06-Nov-20	04-Dec-20	32	19-Feb-21 A	29-Mar-21 A
B24640	AIP - 2nd Sub	0		06-Nov-20	0		19-Feb-21 A
B24650	AIP - 2nd Review by SO	28	07-Nov-20	04-Dec-20	38	20-Feb-21 A	29-Mar-21 A
B24660	AIP - SO Consent for DDA Submission	0		04-Dec-20	0		29-Mar-21 A
DDA - E&M Fire Services Installation		101	05-Dec-20	13-Apr-21	103	01-Apr-21 A	07-Aug-21
B22570	DDA - Draft - Preparation by Designer	30	05-Dec-20	12-Jan-21	30	01-Apr-21 A	11-May-21
B22580	DDA - Draft - Final Review and prepare for 1st Sub	18	13-Jan-21	02-Feb-21	18	12-May-21	02-Jun-21
B22590	DDA - 1st Sub	0		02-Feb-21	0		02-Jun-21
B22600	DDA - Review by SO	28	03-Feb-21	02-Mar-21	28	03-Jun-21	30-Jun-21
B22620	DDA - Review by IP / DC	28	03-Feb-21	02-Mar-21	28	03-Jun-21	30-Jun-21
B22630	DDA - Further information required by SO	32	03-Mar-21	13-Apr-21	32	02-Jul-21	07-Aug-21
AIP - E&M MVAC		23	23-Oct-20	20-Nov-20	23	08-Mar-21 A	08-Apr-21 A
B24740	AIP - 2nd Sub	0		23-Oct-20	0		08-Mar-21 A
B24750	AIP - 2nd Review by SO	28	24-Oct-20	20-Nov-20	31	09-Mar-21 A	08-Apr-21 A
B24760	AIP - SO Consent for DDA Submission	0		20-Nov-20	0		08-Apr-21 A
DDA - E&M MVAC		102	21-Nov-20	26-Mar-21	103	09-Apr-21 A	11-Aug-21
B22470	DDA - Draft - Preparation by Designer	32	21-Nov-20	30-Dec-20	32	09-Apr-21 A	17-May-21
B22480	DDA - Draft - Final Review and prepare for 1st Sub	17	31-Dec-20	20-Jan-21	17	18-May-21*	07-Jun-21
B22490	DDA - 1st Sub	0		20-Jan-21	0		07-Jun-21
B22500	DDA - Review by SO	28	21-Jan-21	17-Feb-21	28	08-Jun-21	05-Jul-21
B22520	DDA - Review by IP / DC	28	21-Jan-21	17-Feb-21	28	08-Jun-21	05-Jul-21
B22530	DDA - Further information required by SO	32	18-Feb-21	26-Mar-21	32	06-Jul-21	11-Aug-21
AIP - E&M Plumbing & Drainage System		23	24-Oct-20	21-Nov-20	29	12-Jan-21 A	18-Feb-21 A
B253871	AIP - 2nd Sub	0		24-Oct-20	0		12-Jan-21 A
B253881	AIP - 2nd Review by SO	28	25-Oct-20	21-Nov-20	37	13-Jan-21 A	18-Feb-21 A
B253891	AIP - SO Consent for DDA Submission	0		21-Nov-20	0		18-Feb-21 A
DDA - E&M Plumbing & Drainage System		97	23-Nov-20	22-Mar-21	135	19-Feb-21 A	04-Aug-21
B253901	DDA - Draft - Preparation by Designer	24	23-Nov-20	19-Dec-20	63	19-Feb-21 A	08-May-21
B253911	DDA - Draft - Final Review and prepare for 1st Sub	17	21-Dec-20	12-Jan-21	17	10-May-21	29-May-21
B253921	DDA - 1st Sub	0		12-Jan-21	0		29-May-21
B253931	DDA - Review by SO	28	13-Jan-21	09-Feb-21	28	30-May-21	26-Jun-21
B253951	DDA - Review by IP / DC	28	13-Jan-21	09-Feb-21	28	30-May-21	26-Jun-21
B253961	DDA - Further information required by SO	32	10-Feb-21	22-Mar-21	32	28-Jun-21	04-Aug-21
AIP - E&M Electrical Installation		65	06-Oct-20	22-Dec-20	117	15-Jan-21 A	11-Jun-21
B24390	AIP - 1st Sub	0		06-Oct-20	0		15-Jan-21 A
B24410	AIP - Review by SO	28	07-Oct-20	03-Nov-20	24	16-Jan-21 A	08-Feb-21 A
B24400	AIP - Review by IP / DC	28	07-Oct-20	03-Nov-20	112	16-Jan-21 A	07-May-21



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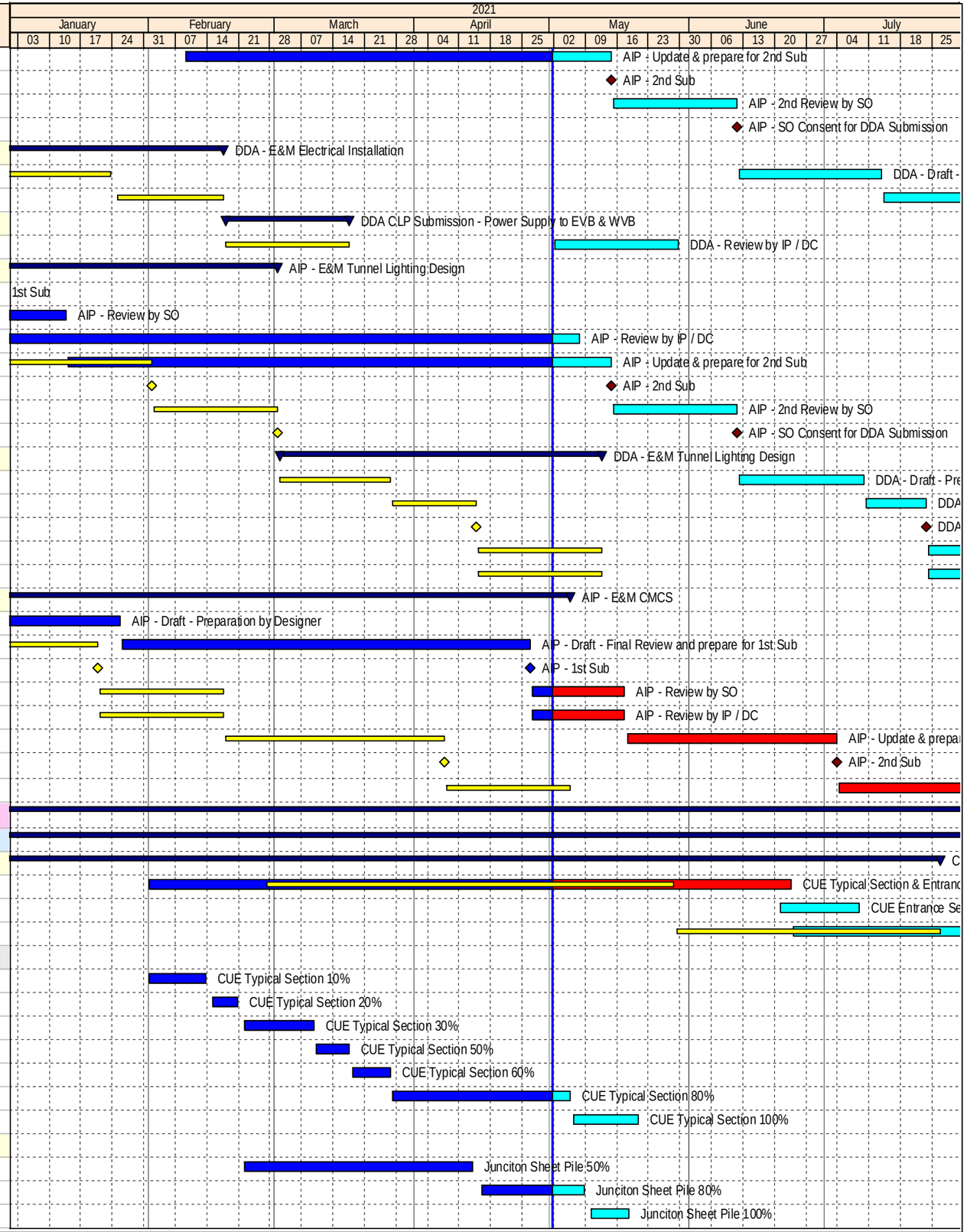
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
B24430	AIP - Update & prepare for 2nd Sub	18	04-Nov-20	24-Nov-20	74	09-Feb-21 A	14-May-21
B24440	AIP - 2nd Sub	0		24-Nov-20	0		14-May-21
B24450	AIP - 2nd Review by SO	28	25-Nov-20	22-Dec-20	28	15-May-21	11-Jun-21
B24460	AIP - SO Consent for DDA Submission	0		22-Dec-20	0		11-Jun-21
DDA - E&M Electrical Installation		43	23-Dec-20	17-Feb-21	43	12-Jun-21	03-Aug-21
B22870	DDA - Draft - Preparation by Designer	25	23-Dec-20	23-Jan-21	25	12-Jun-21*	13-Jul-21
B22880	DDA - Draft - Final Review and prepare for 1st Sub	18	25-Jan-21	17-Feb-21	18	14-Jul-21	03-Aug-21
DDA CLP Submission - Power Supply to EVB & WVB		28	18-Feb-21	17-Mar-21	28	02-May-21	29-May-21
B19820	DDA - Review by IP / DC	28	18-Feb-21	17-Mar-21	28	02-May-21	29-May-21
AIP - E&M Tunnel Lighting Design		90	09-Nov-20	01-Mar-21	134	23-Dec-20 A	11-Jun-21
B24890	AIP - 1st Sub	0		09-Nov-20	0		23-Dec-20 A
B24910	AIP - Review by SO	28	10-Nov-20	07-Dec-20	21	24-Dec-20 A	13-Jan-21 A
B24900	AIP - Review by IP / DC	28	10-Nov-20	07-Dec-20	135	24-Dec-20 A	07-May-21
B24930	AIP - Update & prepare for 2nd Sub	45	08-Dec-20	01-Feb-21	96	14-Jan-21 A	14-May-21
B24940	AIP - 2nd Sub	0		01-Feb-21	0		14-May-21
B24950	AIP - 2nd Review by SO	28	02-Feb-21	01-Mar-21	28	15-May-21	11-Jun-21
B24960	AIP - SO Consent for DDA Submission	0		01-Mar-21	0		11-Jun-21
DDA - E&M Tunnel Lighting Design		57	02-Mar-21	12-May-21	58	12-Jun-21	20-Aug-21
B22670	DDA - Draft - Preparation by Designer	22	02-Mar-21	26-Mar-21	22	12-Jun-21*	09-Jul-21
B22680	DDA - Draft - Final Review and prepare for 1st Sub	12	27-Mar-21	14-Apr-21	12	10-Jul-21	23-Jul-21
B22690	DDA - 1st Sub	0		14-Apr-21	0		23-Jul-21
B22700	DDA - Review by SO	28	15-Apr-21	12-May-21	28	24-Jul-21	20-Aug-21
B22720	DDA - Review by IP / DC	28	15-Apr-21	12-May-21	28	24-Jul-21	20-Aug-21
AIP - E&M CMCS		141	10-Nov-20	05-May-21	186	11-Dec-20 A	31-Jul-21
B24970	AIP - Draft - Preparation by Designer	41	10-Nov-20	29-Dec-20	36	11-Dec-20 A	25-Jan-21 A
B24980	AIP - Draft - Final Review and prepare for 1st Sub	18	30-Dec-20	20-Jan-21	71	26-Jan-21 A	26-Apr-21 A
B24990	AIP - 1st Sub	0		20-Jan-21	0		26-Apr-21 A
B25010	AIP - Review by SO	28	21-Jan-21	17-Feb-21	21	27-Apr-21 A	17-May-21
B25000	AIP - Review by IP / DC	28	21-Jan-21	17-Feb-21	21	27-Apr-21 A	17-May-21
B25030	AIP - Update & prepare for 2nd Sub	38	18-Feb-21	07-Apr-21	38	18-May-21	03-Jul-21
B25040	AIP - 2nd Sub	0		07-Apr-21	0		03-Jul-21
B25050	AIP - 2nd Review by SO	28	08-Apr-21	05-May-21	28	04-Jul-21	31-Jul-21
SOUTH APRON EXTERNAL WORKS		383	11-Jun-20	23-Sep-21	259	07-Dec-20 A	23-Oct-21
Road S20		327	18-Aug-20	23-Sep-21	209	07-Dec-20 A	23-Aug-21
CUE		207	11-Nov-20	26-Jul-21	161	01-Feb-21 A	19-Aug-21
A1415	CUE Typical Section & Entrance Structure	72	27-Feb-21	28-May-21	113	01-Feb-21 A	23-Jun-21
A1405	CUE Entrance Section ELS (Sheet pile)	15	11-Nov-20	27-Nov-20	15	21-Jun-21	08-Jul-21
A1460	CUE UU Installation (Fresh & Salt Water)	48	29-May-21	26-Jul-21	48	24-Jun-21	19-Aug-21
CUE RC Structure		0			85	01-Feb-21 A	20-May-21
A2294298	CUE Typical Section 10%	0			10	01-Feb-21 A	13-Feb-21 A
A2294298	CUE Typical Section 20%	0			5	15-Feb-21 A	20-Feb-21 A
A2294298	CUE Typical Section 30%	0			14	22-Feb-21 A	09-Mar-21 A
A2294299	CUE Typical Section 50%	0			7	10-Mar-21 A	17-Mar-21 A
A2294299	CUE Typical Section 60%	0			8	18-Mar-21 A	26-Mar-21 A
A2294299	CUE Typical Section 80%	0			29	27-Mar-21 A	05-May-21
A2294299	CUE Typical Section 100%	0			12	06-May-21	20-May-21
Junction & Entrance		0			121	22-Feb-21 A	21-Jul-21
A229430590	Junciton Sheet Pile 50%	0			40	22-Feb-21 A	14-Apr-21 A
A229430600	Junciton Sheet Pile 80%	0			19	16-Apr-21 A	08-May-21
A229430610	Junciton Sheet Pile 100%	0			8	10-May-21	18-May-21



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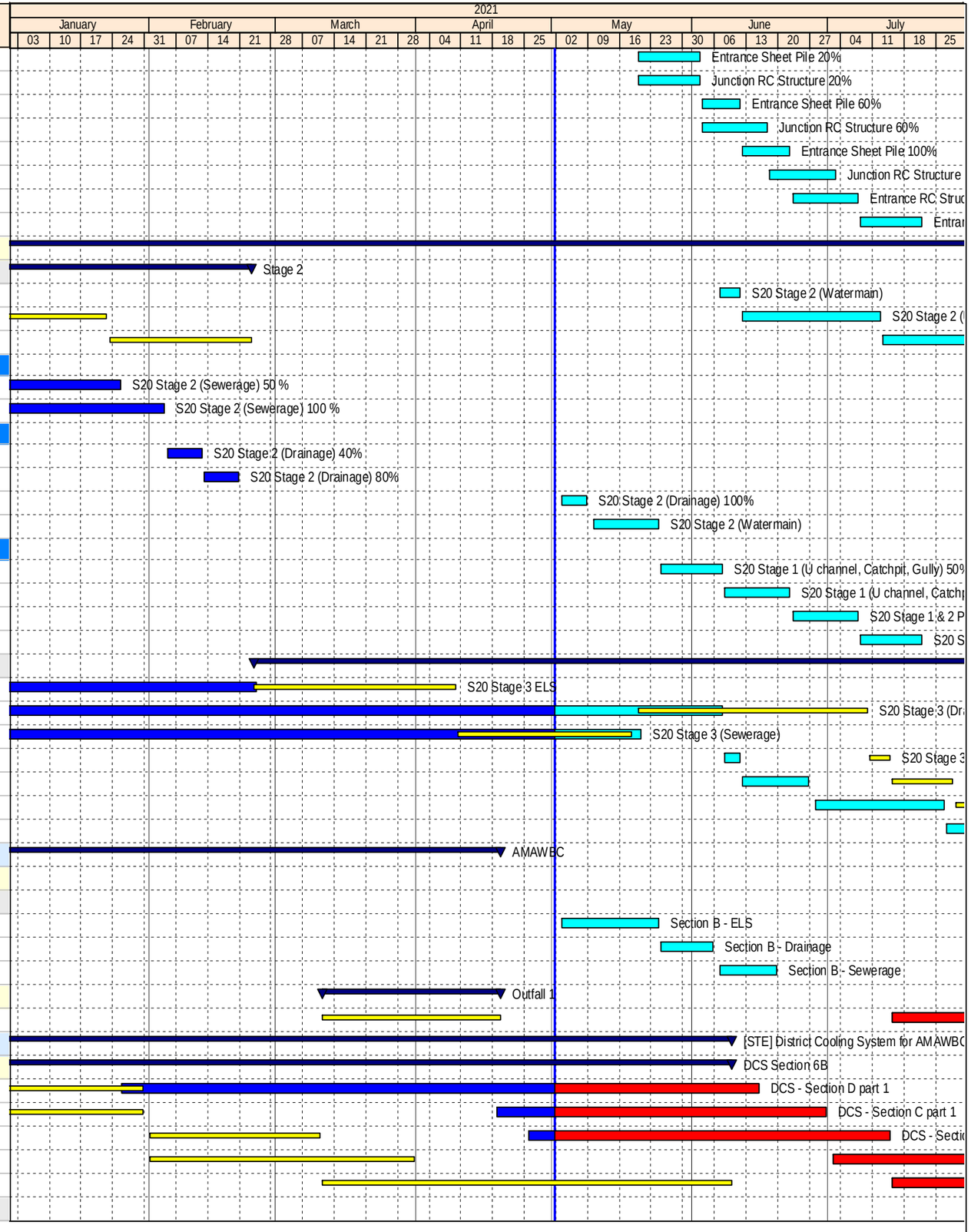
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
A229430620	Entrance Sheet Pile 20%	0			12	20-May-21	02-Jun-21
A229430650	Junction RC Structure 20%	0			12	20-May-21	02-Jun-21
A229430630	Entrance Sheet Pile 60%	0			8	03-Jun-21	11-Jun-21
A229430660	Junction RC Structure 60%	0			12	03-Jun-21	17-Jun-21
A229430640	Entrance Sheet Pile 100%	0			8	12-Jun-21	22-Jun-21
A229430670	Junction RC Structure 100%	0			12	18-Jun-21	02-Jul-21
A229430680	Entrance RC Structure 20%	0			12	23-Jun-21	07-Jul-21
A229430690	Entrance RC Structure 60%	0			12	08-Jul-21	21-Jul-21
Road & Drain		327	18-Aug-20	23-Sep-21	209	07-Dec-20 A	23-Aug-21
Stage 2		154	18-Aug-20	23-Feb-21	191	14-Dec-20 A	09-Aug-21
A1940	S20 Stage 2 (Watermain)	5	17-Dec-20	22-Dec-20	5	07-Jun-21	11-Jun-21
A1950	S20 Stage 2 (U channel, Catchpit, Gully)	24	23-Dec-20	22-Jan-21	24	12-Jun-21	12-Jul-21
A1960	S20 Stage 2 (Roadworks)	24	23-Jan-21	23-Feb-21	24	13-Jul-21	09-Aug-21
S20 Stage 2 (Sewerage)		0			42	14-Dec-20 A	04-Feb-21 A
A229428(	S20 Stage 2 (Sewerage) 50 %	0			34	14-Dec-20 A	25-Jan-21 A
A229428(	S20 Stage 2 (Sewerage) 100 %	0			36	21-Dec-20 A	04-Feb-21 A
S20 Stage 2 (Drainage)		1	18-Aug-20	18-Aug-20	84	05-Feb-21 A	24-May-21
A229428(	S20 Stage 2 (Drainage) 40%	0			6	05-Feb-21 A	12-Feb-21 A
A229428(	S20 Stage 2 (Drainage) 80%	0			5	13-Feb-21 A	20-Feb-21 A
A229428(	S20 Stage 2 (Drainage) 100%	0			6	03-May-21	08-May-21
A1680	S20 Stage 2 (Watermain)	1	18-Aug-20	18-Aug-20	12	10-May-21	24-May-21
S20 Stage 1 (U channel, Catchpit, Gully)		0			48	25-May-21	21-Jul-21
A229428(	S20 Stage 1 (U channel, Catchpit, Gully) 50%	0			12	25-May-21	07-Jun-21
A229428(	S20 Stage 1 (U channel, Catchpit, Gully) 100%	0			12	08-Jun-21	22-Jun-21
A229429	S20 Stage 1 & 2 Pavement 50%	0			12	23-Jun-21	07-Jul-21
A229429	S20 Stage 1 & 2 Pavement 100%	0			12	08-Jul-21	21-Jul-21
Stage 3		173	24-Feb-21	23-Sep-21	209	07-Dec-20 A	23-Aug-21
A1969	S20 Stage 3 ELS	35	24-Feb-21	09-Apr-21	63	07-Dec-20 A	24-Feb-21 A
A1980	S20 Stage 3 (Drainage)	42	20-May-21	09-Jul-21	138	15-Dec-20 A	07-Jun-21
A1970	S20 Stage 3 (Sewerage)	32	10-Apr-21	18-May-21	118	21-Dec-20 A	20-May-21
A1990	S20 Stage 3 (Watermain)	4	10-Jul-21	14-Jul-21	4	08-Jun-21	11-Jun-21
A1995	S20 Stage 3 (UU Diversion)	12	15-Jul-21	28-Jul-21	12	12-Jun-21	26-Jun-21
A2000	S20 Stage 3 (U channel, Catchpit, Gully)	24	29-Jul-21	25-Aug-21	24	28-Jun-21	26-Jul-21
A2010	S20 Stage 3 (Roadworks)	24	26-Aug-21	23-Sep-21	24	27-Jul-21	23-Aug-21
AMAWBC		253	11-Jun-20	19-Apr-21	90	03-May-21	18-Aug-21
Drainage & Sewerage		40	11-Jun-20	29-Jul-20	40	03-May-21	19-Jun-21
Section B		40	11-Jun-20	29-Jul-20	40	03-May-21	19-Jun-21
A2294251	Section B - ELS	18	11-Jun-20	03-Jul-20	18	03-May-21	24-May-21
A2294251	Section B - Drainage	11	04-Jul-20	16-Jul-20	11	25-May-21	05-Jun-21
A2294190	Section B - Sewerage	11	17-Jul-20	29-Jul-20	11	07-Jun-21	19-Jun-21
Outfall 1		30	11-Mar-21	19-Apr-21	30	15-Jul-21	18-Aug-21
A229418950	Outfall 1 Excavation & Blinding	30	11-Mar-21	19-Apr-21	30	15-Jul-21	18-Aug-21
[STE] District Cooling System for AMAWBC Section 6B		150	03-Dec-20	09-Jun-21	207	26-Jan-21 A	08-Oct-21
DCS Section 6B		150	03-Dec-20	09-Jun-21	207	26-Jan-21 A	08-Oct-21
A22941729	DCS - Section D part 1	48	03-Dec-20	30-Jan-21	111	26-Jan-21 A	15-Jun-21
A229417303	DCS - Section C part 1	48	03-Dec-20	30-Jan-21	60	19-Apr-21 A	30-Jun-21
A22941729	DCS - Section D part 2	30	01-Feb-21	10-Mar-21	65	26-Apr-21 A	14-Jul-21
A229417304	DCS - Section C part 2	48	01-Feb-21	31-Mar-21	48	02-Jul-21	26-Aug-21
A229417312	DCS - Section A	72	11-Mar-21	09-Jun-21	72	15-Jul-21	08-Oct-21
DCS Section 6B		0			144	26-Jan-21 A	24-Jul-21



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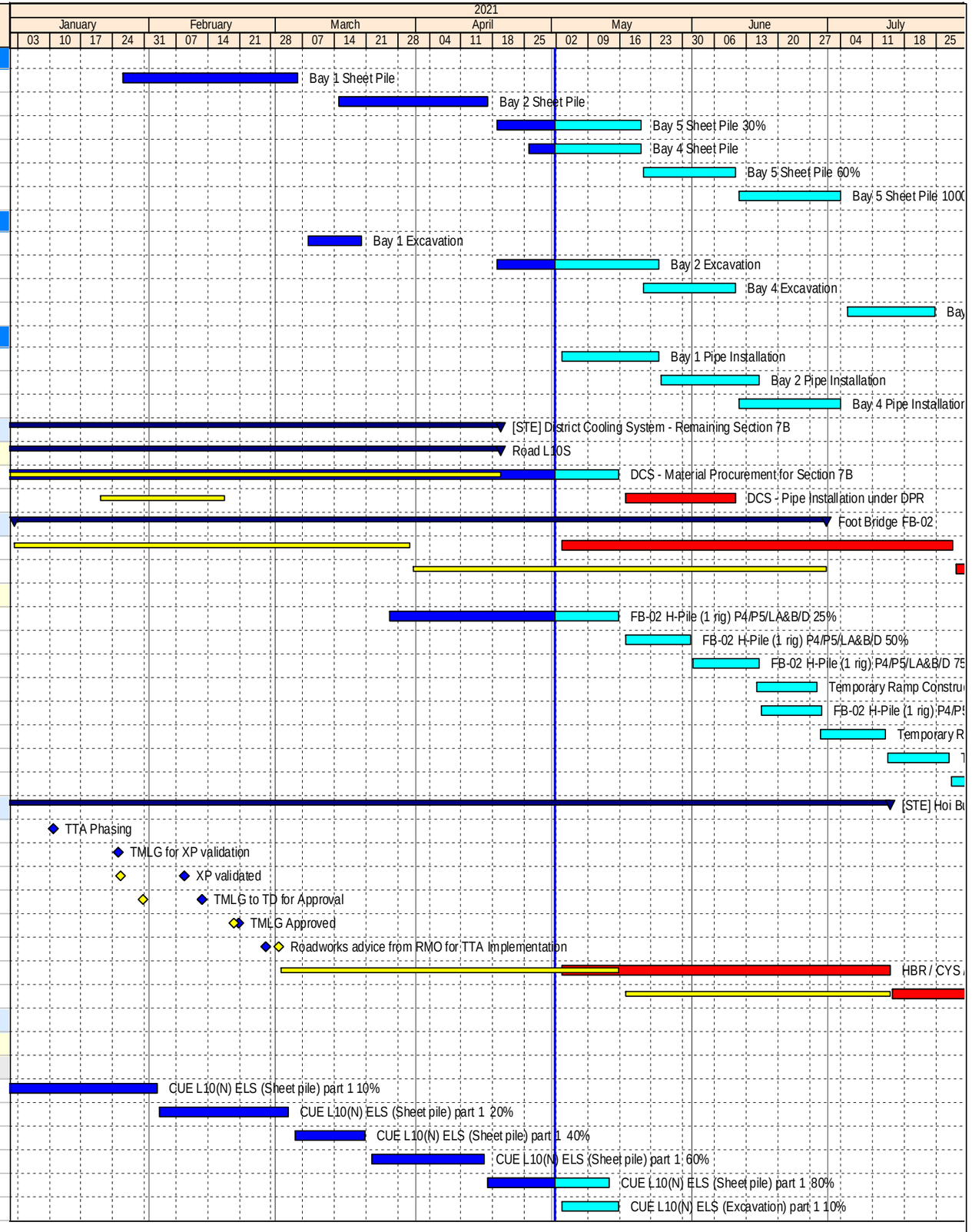
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
Sheet Pile		0			126	26-Jan-21 A	03-Jul-21
A229430	Bay 1 Sheet Pile	0			31	26-Jan-21 A	06-Mar-21 A
A229430	Bay 2 Sheet Pile	0			25	15-Mar-21 A	17-Apr-21 A
A229430	Bay 5 Sheet Pile 30%	0			26	19-Apr-21 A	20-May-21
A229430	Bay 4 Sheet Pile	0			20	26-Apr-21 A	20-May-21
A229430	Bay 5 Sheet Pile 60%	0			18	21-May-21	10-Jun-21
A229430	Bay 5 Sheet Pile 1000%	0			18	11-Jun-21	03-Jul-21
Excavation		0			112	08-Mar-21 A	24-Jul-21
A229430	Bay 1 Excavation	0			11	08-Mar-21 A	20-Mar-21 A
A229430	Bay 2 Excavation	0			29	19-Apr-21 A	24-May-21
A229430	Bay 4 Excavation	0			18	21-May-21	10-Jun-21
A229430	Bay 5 Excavation 50%	0			18	05-Jul-21	24-Jul-21
Pipe Installation		0			51	03-May-21	03-Jul-21
A229430	Bay 1 Pipe Installation	0			18	03-May-21	24-May-21
A229430	Bay 2 Pipe Installation	0			18	25-May-21	15-Jun-21
A229430	Bay 4 Pipe Installation	0			18	11-Jun-21	03-Jul-21
[STE] District Cooling System - Remaining Section 7B		96	17-Dec-20	19-Apr-21	139	17-Dec-20 A	10-Jun-21
Road L10S		96	17-Dec-20	19-Apr-21	139	17-Dec-20 A	10-Jun-21
A1513	DCS - Material Procurement for Section 7B	96	17-Dec-20	19-Apr-21	118	17-Dec-20 A	15-May-21
A1515	DCS - Pipe Installation under DPR	21	21-Jan-21	17-Feb-21	21	17-May-21	10-Jun-21
Foot Bridge FB-02		144	02-Jan-21	30-Jun-21	171	26-Mar-21 A	23-Oct-21
A21372	Temporary Ramp provision	72	02-Jan-21	30-Mar-21	72	03-May-21*	28-Jul-21
A21375	Existing Ramp KF-64 demolition	72	31-Mar-21	30-Jun-21	72	29-Jul-21	23-Oct-21
Foot Bridge FB-02		0			110	26-Mar-21 A	10-Aug-21
A229430490	FB-02 H-Pile (1 rig) P4/P5/LA&B/D 25%	0			39	26-Mar-21 A	15-May-21
A229430500	FB-02 H-Pile (1 rig) P4/P5/LA&B/D 50%	0			12	17-May-21	31-May-21
A229430510	FB-02 H-Pile (1 rig) P4/P5/LA&B/D 75%	0			12	01-Jun-21	15-Jun-21
A229430530	Temporary Ramp Construction 25%	0			12	15-Jun-21*	28-Jun-21
A229430520	FB-02 H-Pile (1 rig) P4/P5/LA&B/D 100%	0			12	16-Jun-21	29-Jun-21
A229430540	Temporary Ramp Construction 50%	0			12	29-Jun-21	13-Jul-21
A229430550	Temporary Ramp Construction 75%	0			12	14-Jul-21	27-Jul-21
A229430560	Temporary Ramp Construction 100%	0			12	28-Jul-21	10-Aug-21
[STE] Hoi Bun Road / Cheung Yip Street / Wang Chiu Road Junction		175	05-Dec-20	14-Jul-21	196	11-Jan-21 A	08-Sep-21
A229425220	TTA Phasing	0		05-Dec-20	0		11-Jan-21 A
A229425230	TMLG for XP validation	0		24-Dec-20	0		25-Jan-21 A
A229425240	XP validated	0		25-Jan-21	0		08-Feb-21 A
A229425250	TMLG to TD for Approval	0		30-Jan-21	0		12-Feb-21 A
A229425260	TMLG Approved	0		19-Feb-21	0		20-Feb-21 A
A229425270	Roadworks advice from RMO for TTA Implementation	0		01-Mar-21	0		26-Feb-21 A
A216001	HBR / CYS / WCR Drainage Works	60	02-Mar-21	15-May-21	60	03-May-21	14-Jul-21
A216002	HBR / CYS / WCR Sub-base, Kerb line modication & Pavement Works	48	17-May-21	14-Jul-21	48	15-Jul-21	08-Sep-21
[STE] Road L10 (Northern)		0			173	23-Dec-20 A	28-Jul-21
CUE		0			173	23-Dec-20 A	28-Jul-21
CUE		0			173	23-Dec-20 A	28-Jul-21
A2294297	CUE L10(N) ELS (Sheet pile) part 1 10%	0			33	23-Dec-20 A	02-Feb-21 A
A2294297	CUE L10(N) ELS (Sheet pile) part 1 20%	0			22	03-Feb-21 A	03-Mar-21 A
A2294298	CUE L10(N) ELS (Sheet pile) part 1 40%	0			14	05-Mar-21 A	20-Mar-21 A
A2294298	CUE L10(N) ELS (Sheet pile) part 1 60%	0			18	22-Mar-21 A	16-Apr-21 A
A2294298	CUE L10(N) ELS (Sheet pile) part 1 80%	0			22	17-Apr-21 A	13-May-21
A2294298	CUE L10(N) ELS (Excavation) part 1 10%	0			12	03-May-21	15-May-21



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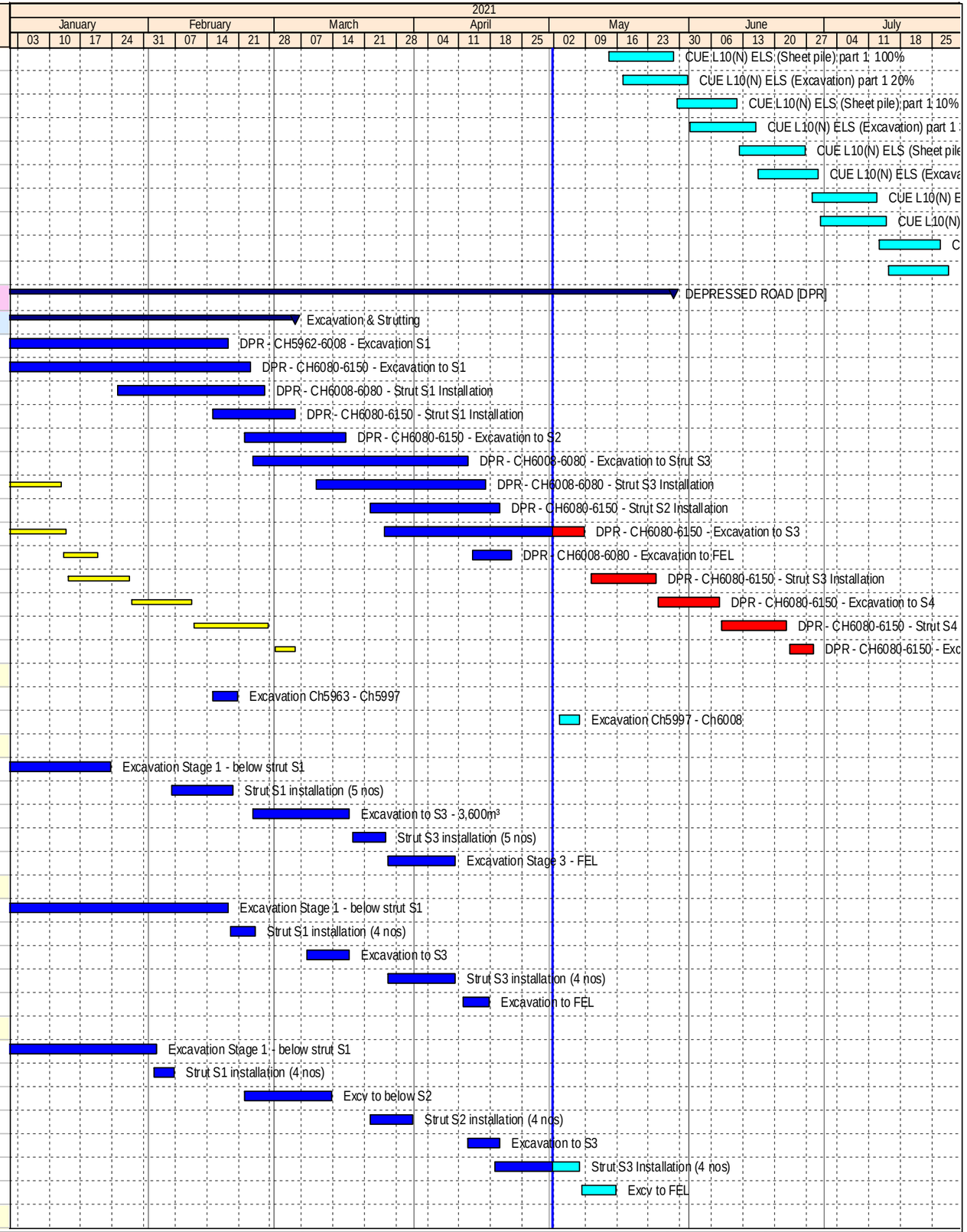
Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
A2294298	CUE L10(N) ELS (Sheet pile) part 1 100%	0			12	14-May-21	28-May-21
A2294298	CUE L10(N) ELS (Excavation) part 1 20%	0			12	17-May-21	31-May-21
A2294304	CUE L10(N) ELS (Sheet pile) part 1 10%	0			12	29-May-21	11-Jun-21
A2294298	CUE L10(N) ELS (Excavation) part 1 30%	0			12	01-Jun-21	15-Jun-21
A2294304	CUE L10(N) ELS (Sheet pile) part 1 20%	0			12	12-Jun-21	26-Jun-21
A2294304	CUE L10(N) ELS (Excavation) part 1 40%	0			12	16-Jun-21	29-Jun-21
A2294304	CUE L10(N) ELS (Sheet pile) part 1 30%	0			12	28-Jun-21	12-Jul-21
A2294304	CUE L10(N) ELS (Excavation) part 1 50%	0			12	30-Jun-21	14-Jul-21
A2294304	CUE L10(N) ELS (Sheet pile) part 1 40%	0			12	13-Jul-21	26-Jul-21
A2294304	CUE L10(N) ELS (Excavation) part 1 60%	0			12	15-Jul-21	28-Jul-21
DEPRESSED ROAD [DPR]		173	24-Oct-20	28-May-21	233	01-Dec-20 A	14-Sep-21
Excavation & Strutting		107	24-Oct-20	05-Mar-21	167	01-Dec-20 A	28-Jun-21
A9510	DPR - CH5962-6008 - Excavation S1	24	24-Oct-20	21-Nov-20	63	01-Dec-20 A	18-Feb-21 A
A9530	DPR - CH6080-6150 - Excavation to S1	18	24-Oct-20	14-Nov-20	55	15-Dec-20 A	23-Feb-21 A
A95201	DPR - CH6008-6080 - Strut S1 Installation	12	19-Nov-20	02-Dec-20	26	25-Jan-21 A	26-Feb-21 A
A95301	DPR - CH6080-6150 - Strut S1 Installation	12	16-Nov-20	28-Nov-20	16	15-Feb-21 A	05-Mar-21 A
A95302	DPR - CH6080-6150 - Excavation to S2	12	30-Nov-20	12-Dec-20	20	22-Feb-21 A	16-Mar-21 A
A95202	DPR - CH6008-6080 - Excavation to Strut S3	20	03-Dec-20	28-Dec-20	37	24-Feb-21 A	13-Apr-21 A
A95203	DPR - CH6008-6080 - Strut S3 Installation	12	29-Dec-20	12-Jan-21	29	10-Mar-21 A	17-Apr-21 A
A95303	DPR - CH6080-6150 - Strut S2 Installation	12	14-Dec-20	29-Dec-20	21	22-Mar-21 A	20-Apr-21 A
A95304	DPR - CH6080-6150 - Excavation to S3	12	30-Dec-20	13-Jan-21	34	25-Mar-21 A	08-May-21
A95204	DPR - CH6008-6080 - Excavation to FEL	7	13-Jan-21	20-Jan-21	8	14-Apr-21 A	22-Apr-21 A
A95305	DPR - CH6080-6150 - Strut S3 Installation	12	14-Jan-21	27-Jan-21	12	10-May-21	24-May-21
A95306	DPR - CH6080-6150 - Excavation to S4	12	28-Jan-21	10-Feb-21	12	25-May-21	07-Jun-21
A95307	DPR - CH6080-6150 - Strut S4 Installation	12	11-Feb-21	27-Feb-21	12	08-Jun-21	22-Jun-21
A95308	DPR - CH6080-6150 - Excavation FEL	5	01-Mar-21	05-Mar-21	5	23-Jun-21	28-Jun-21
Open Cut Section (Ch5962-6008)		0			65	15-Feb-21 A	07-May-21
A229420380	Excavation Ch5963 - Ch5997	0			5	15-Feb-21 A	20-Feb-21 A
A229426190	Excavation Ch5997 - Ch6008	0			5	03-May-21	07-May-21
Zone 1 (Ch6008 - 6045)		0			91	14-Dec-20 A	10-Apr-21 A
A229426451	Excavation Stage 1 - below strut S1	0			33	14-Dec-20 A	23-Jan-21 A
A229420340	Strut S1 installation (5 nos)	0			9	06-Feb-21 A	19-Feb-21 A
A229420350	Excavation to S3 - 3,600m³	0			19	24-Feb-21 A	17-Mar-21 A
A229420360	Strut S3 installation (5 nos)	0			7	18-Mar-21 A	25-Mar-21 A
A229420370	Excavation Stage 3 - FEL	0			9	26-Mar-21 A	10-Apr-21 A
Zone 2 (Ch6045 - 6080)		0			109	01-Dec-20 A	17-Apr-21 A
A229426531	Excavation Stage 1 - below strut S1	0			63	01-Dec-20 A	18-Feb-21 A
A229420130	Strut S1 installation (4 nos)	0			5	19-Feb-21 A	24-Feb-21 A
A229429540	Excavation to S3	0			9	08-Mar-21 A	17-Mar-21 A
A229420150	Strut S3 installation (4 nos)	0			9	26-Mar-21 A	10-Apr-21 A
A229420160	Excavation to FEL	0			6	12-Apr-21 A	17-Apr-21 A
Zone 3 (Ch6080 - 6121)		0			127	07-Dec-20 A	15-May-21
A229426611	Excavation Stage 1 - below strut S1	0			47	07-Dec-20 A	02-Feb-21 A
A229420180	Strut S1 installation (4 nos)	0			5	02-Feb-21 A	06-Feb-21 A
A229420210	Excv to below S2	0			18	22-Feb-21 A	13-Mar-21 A
A229426070	Strut S2 installation (4 nos)	0			9	22-Mar-21 A	31-Mar-21 A
A229420170	Excavation to S3	0			6	13-Apr-21 A	20-Apr-21 A
A229425930	Strut S3 Installation (4 nos)	0			16	19-Apr-21 A	07-May-21
A229425940	Excv to FEL	0			7	08-May-21	15-May-21
Zone 4 (Ch6121 - 6150)		0			121	26-Dec-20 A	28-May-21



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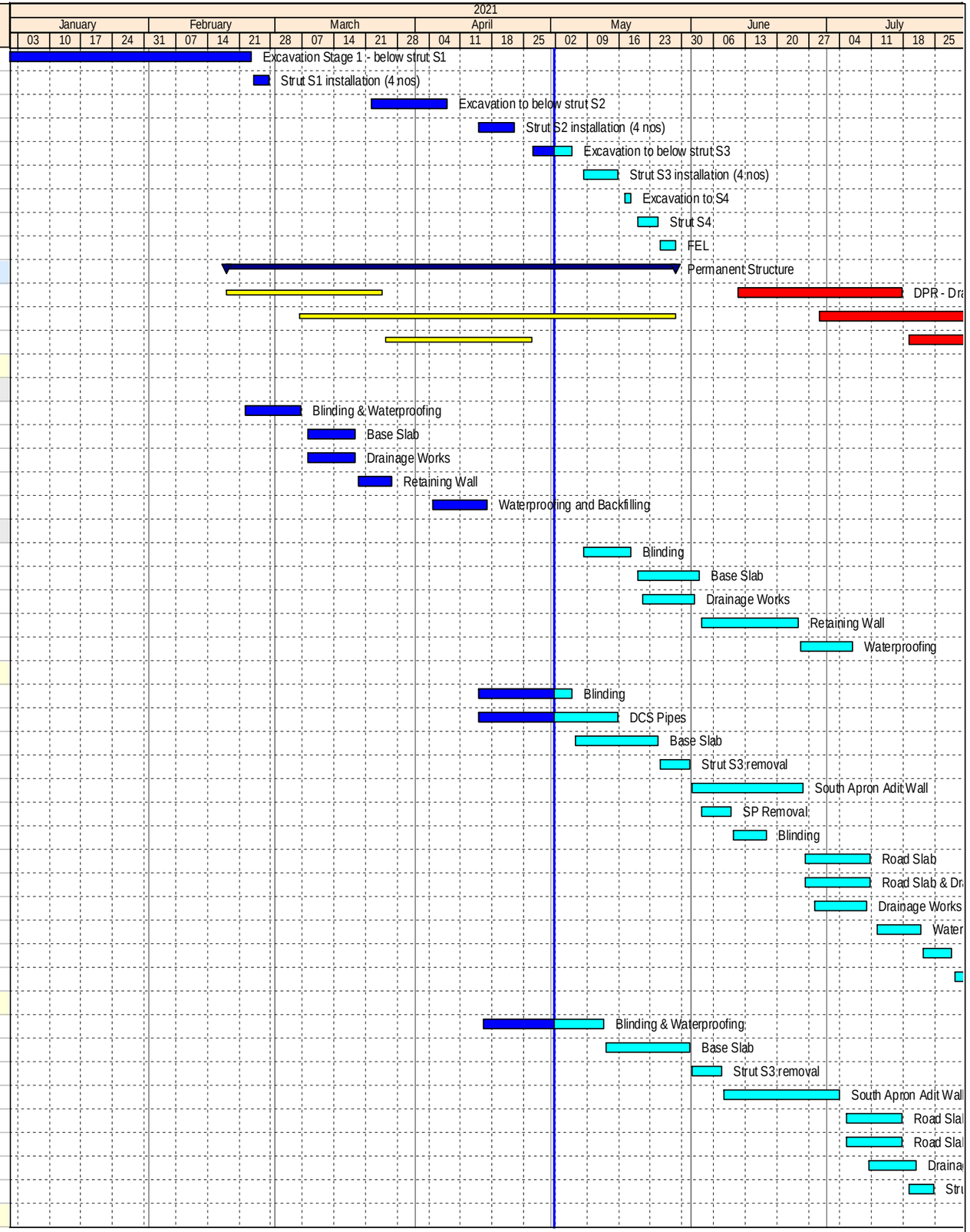
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
A229426711	Excavation Stage 1 - below strut S1	0			46	26-Dec-20 A	23-Feb-21 A
A229426090	Strut S1 installation (4 nos)	0			4	24-Feb-21 A	27-Feb-21 A
A229420260	Excavation to below strut S2	0			11	22-Mar-21 A	08-Apr-21 A
A229426050	Strut S2 installation (4 nos)	0			7	15-Apr-21 A	23-Apr-21 A
A229426040	Excavation to below strut S3	0			7	27-Apr-21 A	05-May-21
A229420290	Strut S3 installation (4 nos)	0			7	08-May-21	15-May-21
A229420300	Excavation to S4	0			2	17-May-21	18-May-21
A229425960	Strut S4	0			4	20-May-21	24-May-21
A229425970	FEL	0			4	25-May-21	28-May-21
Permanent Structure		80	18-Feb-21	28-May-21	168	22-Feb-21 A	14-Sep-21
A95312	DPR - Drainage, Watermains & UU Installation CH5962-6080	30	18-Feb-21	24-Mar-21	30	11-Jun-21	17-Jul-21
A9540	DPR - CH6080-6150 - Base Slab	66	06-Mar-21	28-May-21	66	29-Jun-21	14-Sep-21
A95401	DPR - Drainage, Watermains & UU Installation CH6080-6150	24	25-Mar-21	26-Apr-21	24	19-Jul-21	14-Aug-21
Open Cut Section (Ch5962-6008)		0			108	22-Feb-21 A	06-Jul-21
Part 1 (Ch5962 - 5997)		0			43	22-Feb-21 A	17-Apr-21 A
A2294580	Blinding & Waterproofing	0			12	22-Feb-21 A	06-Mar-21 A
A2294590	Base Slab	0			10	08-Mar-21 A	18-Mar-21 A
A2294262	Drainage Works	0			10	08-Mar-21 A	18-Mar-21 A
A2294595	Retaining Wall	0			7	19-Mar-21 A	26-Mar-21 A
A2294600	Waterproofing and Backfilling	0			9	05-Apr-21 A	17-Apr-21 A
Part 2 (Ch5997 - 6008)		0			48	08-May-21	06-Jul-21
A2294261	Blinding	0			9	08-May-21	18-May-21
A2294261	Base Slab	0			12	20-May-21	02-Jun-21
A2294262	Drainage Works	0			10	21-May-21	01-Jun-21
A2294261	Retaining Wall	0			18	03-Jun-21	24-Jun-21
A2294261	Waterproofing	0			9	25-Jun-21	06-Jul-21
Zone 1 (Ch6008 - 6045)		0			107	15-Apr-21 A	21-Aug-21
A22941991	Blinding	0			17	15-Apr-21 A	05-May-21
A229429550	DCS Pipes	0			26	15-Apr-21 A	15-May-21
A22941992	Base Slab	0			15	06-May-21	24-May-21
A229420490	Strut S3 removal	0			6	25-May-21	31-May-21
A229420500	South Apron Adit Wall	0			21	01-Jun-21	25-Jun-21
A2294199	SP Removal	0			6	03-Jun-21	09-Jun-21
A229426140	Blinding	0			6	10-Jun-21	17-Jun-21
A229420510	Road Slab	0			12	26-Jun-21	10-Jul-21
A229430060	Road Slab & Drainage Works	0			12	26-Jun-21	10-Jul-21
A229426220	Drainage Works	0			10	28-Jun-21	09-Jul-21
A229426260	Waterproofing and Backfilling	0			9	12-Jul-21	21-Jul-21
A229420520	Strut S1 removal	0			6	22-Jul-21	28-Jul-21
A229420530	Retaining Wall	0			21	29-Jul-21	21-Aug-21
Zone 2 (Ch6045 - 6080)		0			82	16-Apr-21 A	24-Jul-21
A229420389	Blinding & Waterproofing	0			22	16-Apr-21 A	12-May-21
A229420390	Base Slab	0			15	13-May-21	31-May-21
A229420400	Strut S3 removal	0			6	01-Jun-21	07-Jun-21
A229420410	South Apron Adit Wall	0			21	08-Jun-21	03-Jul-21
A229420420	Road Slab	0			12	05-Jul-21	17-Jul-21
A229430070	Road Slab & Drainage Works	0			12	05-Jul-21	17-Jul-21
A229426230	Drainage Works	0			9	10-Jul-21	20-Jul-21
A22943501	Strut S1 removal	0			6	19-Jul-21	24-Jul-21
Zone 3 (Ch6080 - 6121)		0			63	17-May-21	31-Jul-21



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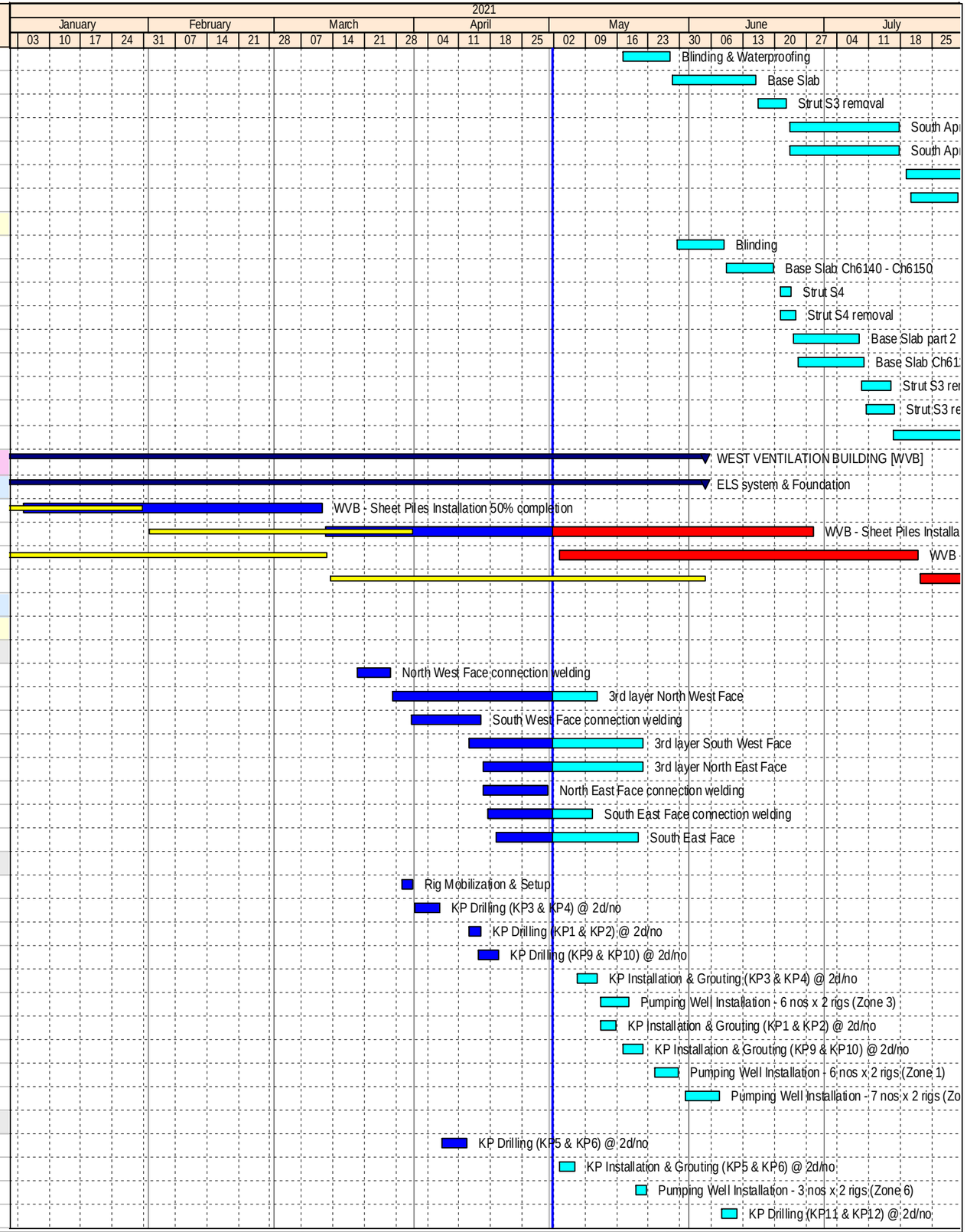
Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
A229420449	Blinding & Waterproofing	0			9	17-May-21	27-May-21
A229420450	Base Slab	0			15	28-May-21	15-Jun-21
A229420460	Strut S3 removal	0			6	16-Jun-21	22-Jun-21
A229420470	South Apron Adit Wall	0			21	23-Jun-21	17-Jul-21
A229430080	South Apron Adit Wall	0			21	23-Jun-21	17-Jul-21
A2294430	Road Slab	0			12	19-Jul-21	31-Jul-21
A229426240	Drainage Works	0			10	20-Jul-21	30-Jul-21
Zone 4 (Ch6121 - 6150)		0			60	29-May-21	09-Aug-21
A2294480	Blinding	0			9	29-May-21	08-Jun-21
A2294490	Base Slab Ch6140 - Ch6150	0			9	09-Jun-21	19-Jun-21
A229425980	Strut S4	0			3	21-Jun-21	23-Jun-21
A229430090	Strut S4 removal	0			4	21-Jun-21	24-Jun-21
A2294520	Base Slab part 2	0			12	24-Jun-21	08-Jul-21
A229430100	Base Slab Ch6121 - Ch6140	0			12	25-Jun-21	09-Jul-21
A2294525	Strut S3 removal	0			6	09-Jul-21	15-Jul-21
A229430110	Strut S3 removal	0			6	10-Jul-21	16-Jul-21
A2294530	South Apron Adit Wall	0			21	16-Jul-21	09-Aug-21
WEST VENTILATION BUILDING [WVB]		146	03-Dec-20	04-Jun-21	226	04-Jan-21 A	08-Oct-21
ELS system & Foundation		146	03-Dec-20	04-Jun-21	226	04-Jan-21 A	08-Oct-21
A9650	WVB - Sheet Piles Installation 50% completion	48	03-Dec-20	30-Jan-21	55	04-Jan-21 A	11-Mar-21 A
A96501	WVB - Sheet Piles Installation 100% completion	48	01-Feb-21	31-Mar-21	86	12-Mar-21 A	28-Jun-21
A9640	WVB - H-piles Drilling / Installation / Grouting 50% completion	66	19-Dec-20	12-Mar-21	66	03-May-21	21-Jul-21
A96401	WVB - H-piles Drilling / Installation / Grouting 100% completion	66	13-Mar-21	04-Jun-21	66	22-Jul-21	08-Oct-21
ELS System		0			83	19-Mar-21 A	02-Jul-21
ELS System		0			83	19-Mar-21 A	02-Jul-21
Sheet Pile Installation		0			49	19-Mar-21 A	21-May-21
A2294308!	North West Face connection welding	0			7	19-Mar-21 A	26-Mar-21 A
A2294308-	3rd layer North West Face	0			34	27-Mar-21 A	11-May-21
A2294308!	South West Face connection welding	0			10	31-Mar-21 A	15-Apr-21 A
A2294308!	3rd layer South West Face	0			32	13-Apr-21 A	21-May-21
A2294308'	3rd layer North East Face	0			29	16-Apr-21 A	21-May-21
A2294309!	North East Face connection welding	0			13	16-Apr-21 A	30-Apr-21 A
A2294309	South East Face connection welding	0			19	17-Apr-21 A	10-May-21
A2294308!	South East Face	0			26	19-Apr-21 A	20-May-21
North		0			55	29-Mar-21 A	07-Jun-21
KP1000	Rig Mobilization & Setup	0			3	29-Mar-21 A	31-Mar-21 A
KP1001	KP Drilling (KP3 & KP4) @ 2d/no	0			1	01-Apr-21 A	06-Apr-21 A
KP1004	KP Drilling (KP1 & KP2) @ 2d/no	0			3	13-Apr-21 A	15-Apr-21 A
KP1007	KP Drilling (KP9 & KP10) @ 2d/no	0			4	15-Apr-21 A	19-Apr-21 A
KP1002	KP Installation & Grouting (KP3 & KP4) @ 2d/no	0			4	07-May-21	11-May-21
KP1003	Pumping Well Installation - 6 nos x 2 rigs (Zone 3)	0			6	12-May-21	18-May-21
KP1005	KP Installation & Grouting (KP1 & KP2) @ 2d/no	0			4	12-May-21	15-May-21
KP1008	KP Installation & Grouting (KP9 & KP10) @ 2d/no	0			4	17-May-21	21-May-21
KP1006	Pumping Well Installation - 6 nos x 2 rigs (Zone 1)	0			6	24-May-21	29-May-21
KP10081	Pumping Well Installation - 7 nos x 2 rigs (Zone 2)	0			7	31-May-21	07-Jun-21
South		0			63	07-Apr-21 A	22-Jun-21
KP1009	KP Drilling (KP5 & KP6) @ 2d/no	0			5	07-Apr-21 A	12-Apr-21 A
KP1010	KP Installation & Grouting (KP5 & KP6) @ 2d/no	0			4	03-May-21	06-May-21
KP10101	Pumping Well Installation - 3 nos x 2 rigs (Zone 6)	0			3	20-May-21	22-May-21
KP10102	KP Drilling (KP11 & KP12) @ 2d/no	0			4	08-Jun-21	11-Jun-21



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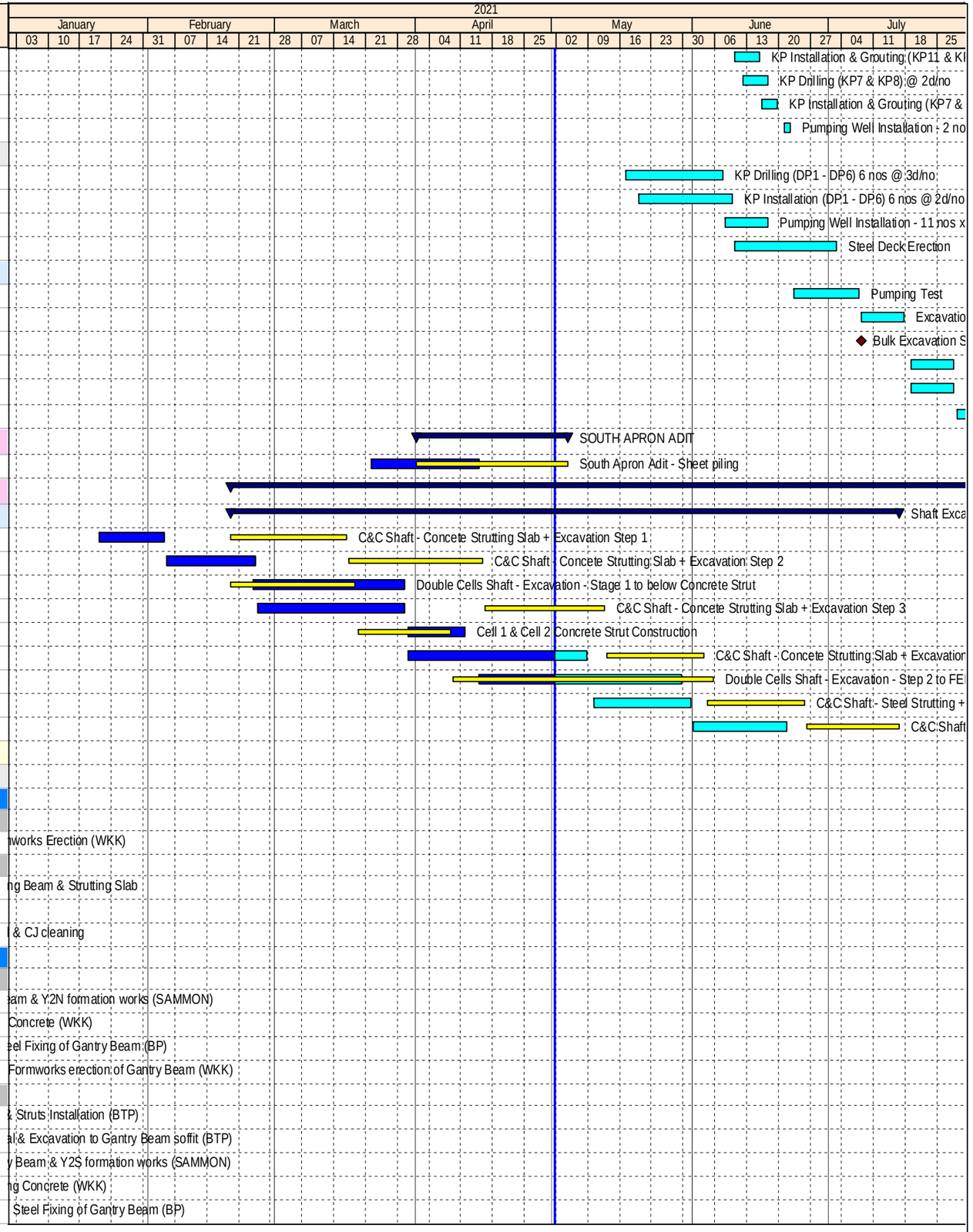
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
KP10103	KP Installation & Grouting (KP11 & KP12) @ 2d/no	0			4	10-Jun-21	15-Jun-21
KP1011	KP Drilling (KP7 & KP8) @ 2d/no	0			4	12-Jun-21	17-Jun-21
KP1012	KP Installation & Grouting (KP7 & KP8) @ 2d/no	0			4	16-Jun-21	19-Jun-21
KP10121	Pumping Well Installation - 2 nos x 2 rigs (Zone 5)	0			2	21-Jun-21	22-Jun-21
Steel Platform Location		0			38	17-May-21	02-Jul-21
KP1033	KP Drilling (DP1 - DP6) 6 nos @ 3d/no	0			18	17-May-21	07-Jun-21
KP1034	KP Installation (DP1 - DP6) 6 nos @ 2d/no	0			18	20-May-21	09-Jun-21
KP1035	Pumping Well Installation - 11 nos x 3 rigs (Zone 4)	0			8	08-Jun-21	17-Jun-21
KP1036	Steel Deck Erection	0			18	10-Jun-21	02-Jul-21
Excavation & Strutting		0			39	23-Jun-21	07-Aug-21
KP10131	Pumping Test	0			12	23-Jun-21	07-Jul-21
KP10141	Excavation to below S1 50%	0			9	08-Jul-21	17-Jul-21
KP10151	Bulk Excavation Start	0			0	08-Jul-21	
KP10161	Excavation to below S1 100%	0			9	19-Jul-21	28-Jul-21
KP10171	Strut S1 Installation 50%	0			9	19-Jul-21	28-Jul-21
KP10181	Strut S1 Installation 100%	0			9	29-Jul-21	07-Aug-21
SOUTH APRON ADIT		24	01-Apr-21	04-May-21	17	22-Mar-21 A	15-Apr-21 A
A9790	South Apron Adit - Sheet piling	24	01-Apr-21	04-May-21	17	22-Mar-21 A	15-Apr-21 A
C&C TUNNEL / LAUNCHING SHAFT [C&C / LS]		167	19-Feb-21	10-Sep-21	215	01-Dec-20 A	24-Aug-21
Shaft Excavation & Strutting		119	19-Feb-21	16-Jul-21	181	01-Dec-20 A	15-Jul-21
A2360	C&C Shaft - Concete Strutting Slab + Excavation Step 1	22	19-Feb-21	16-Mar-21	13	21-Jan-21 A	04-Feb-21 A
A23601	C&C Shaft - Concete Strutting Slab + Excavation Step 2	22	17-Mar-21	15-Apr-21	14	05-Feb-21 A	24-Feb-21 A
A2340	Double Cells Shaft - Excavation - Stage 1 to below Concrete Strut	24	19-Feb-21	18-Mar-21	29	24-Feb-21 A	29-Mar-21 A
A23602	C&C Shaft - Concete Strutting Slab + Excavation Step 3	22	16-Apr-21	12-May-21	28	25-Feb-21 A	29-Mar-21 A
A23401	Cell 1 & Cell 2 Concrete Strut Construction	14	19-Mar-21	08-Apr-21	7	30-Mar-21 A	12-Apr-21 A
A23603	C&C Shaft - Concete Strutting Slab + Excavation Step 4	18	13-May-21	03-Jun-21	30	30-Mar-21 A	08-May-21
A23402	Double Cells Shaft - Excavation - Step 2 to FEL	48	09-Apr-21	05-Jun-21	37	15-Apr-21 A	29-May-21
A23604	C&C Shaft - Steel Strutting + Excavation Step 5	18	04-Jun-21	25-Jun-21	18	10-May-21	31-May-21
A23605	C&C Shaft - Steel Strutting + Excavation to FEL	17	26-Jun-21	16-Jul-21	17	01-Jun-21	21-Jun-21
Cut & Cover ELS		0			181	01-Dec-20 A	15-Jul-21
S1 Strutting Slab		0			41	01-Dec-20 A	21-Jan-21 A
Pour 1 (Capping Beam & Strutting Slab S1) Part 1		0			7	01-Dec-20 A	08-Dec-20 A
South		0			4	02-Dec-20 A	05-Dec-20 A
A114081	DS-02 to DS-04 Formworks Erection (WKK)	0			4	02-Dec-20 A	05-Dec-20 A
Overall		0			7	01-Dec-20 A	08-Dec-20 A
A114071	Steel Fixing for Capping Beam & Strutting Slab	0			4	01-Dec-20 A	04-Dec-20 A
A114101	Pour 1 Concreting	0			1	07-Dec-20 A	07-Dec-20 A
A114111	Formwork removal & CJ cleaning	0			1	08-Dec-20 A	08-Dec-20 A
Pour 2 (Gantry Beam)		0			19	10-Dec-20 A	04-Jan-21 A
North		0			14	11-Dec-20 A	29-Dec-20 A
A114171	Gantry Beam & Y2N formation works (SAMMON)	0			8	11-Dec-20 A	18-Dec-20 A
A114191	Blinding Concrete (WKK)	0			1	19-Dec-20 A	19-Dec-20 A
A114201	Steel Fixing of Gantry Beam (BP)	0			4	21-Dec-20 A	26-Dec-20 A
A114221	Formworks erection of Gantry Beam (WKK)	0			6	21-Dec-20 A	29-Dec-20 A
South		0			17	10-Dec-20 A	31-Dec-20 A
A114151	ELS Waling & Struts Installation (BTP)	0			4	10-Dec-20 A	14-Dec-20 A
A114182	GW removal & Excavation to Gantry Beam soffit (BTP)	0			2	15-Dec-20 A	16-Dec-20 A
A114181	Gantry Beam & Y2S formation works (SAMMON)	0			5	17-Dec-20 A	22-Dec-20 A
A114183	Blinding Concrete (WKK)	0			1	22-Dec-20 A	22-Dec-20 A
A114231	Steel Fixing of Gantry Beam (BP)	0			8	23-Dec-20 A	30-Dec-20 A



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17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

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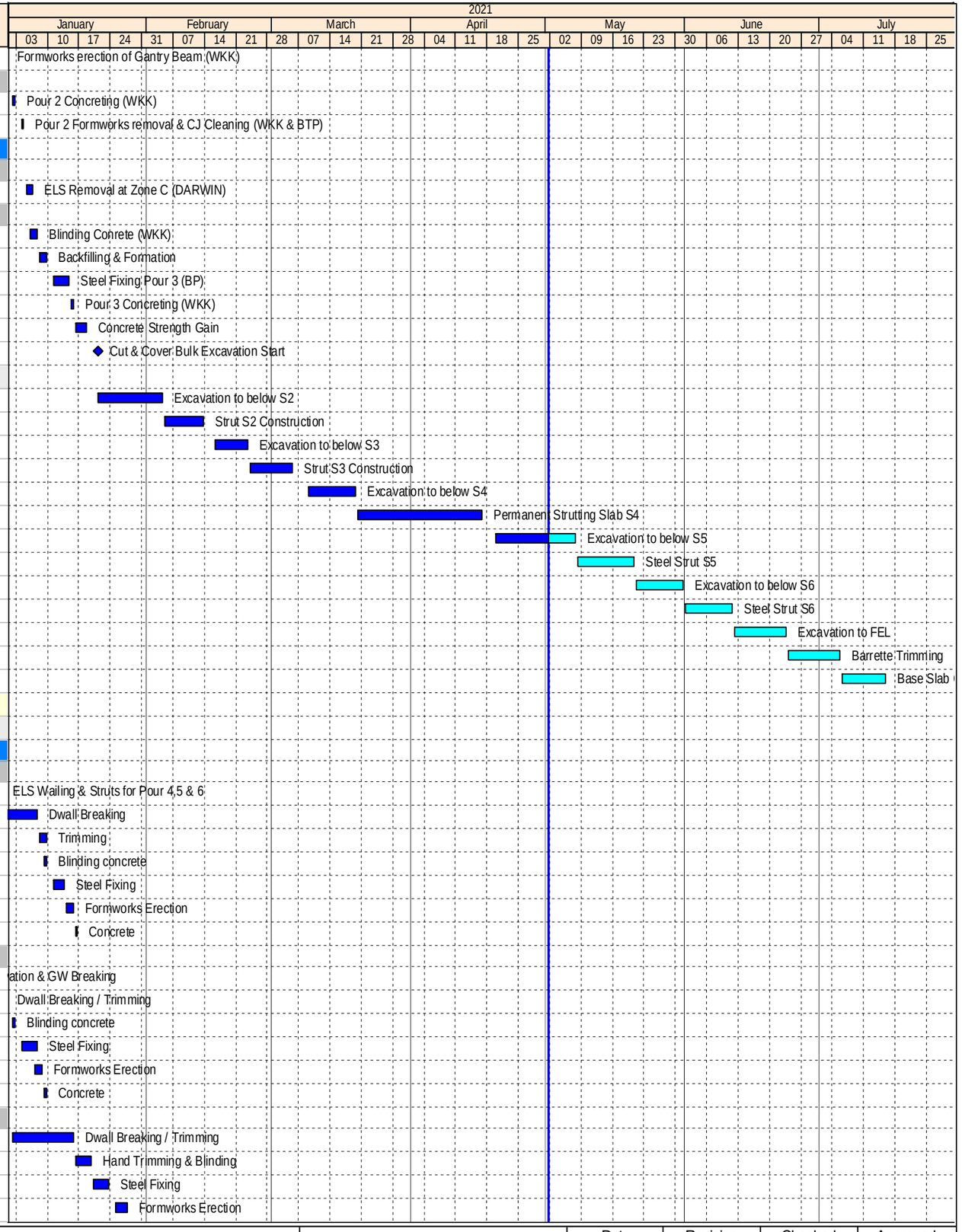
A114241	Formworks erection of Gantry Beam (WKK)	0			4	28-Dec-20 A	31-Dec-20 A
Overall		0			2	02-Jan-21 A	04-Jan-21 A
A114251	Pour 2 Concreting (WKK)	0			1	02-Jan-21 A	02-Jan-21 A
A114261	Pour 2 Formworks removal & CJ Cleaning (WKK & BTP)	0			1	04-Jan-21 A	04-Jan-21 A
Pour 3 (Capping Beam & Strutting Slab S1) Part 2		0			14	05-Jan-21 A	21-Jan-21 A
South		0			2	05-Jan-21 A	06-Jan-21 A
A114433	ELS Removal at Zone C (DARWIN)	0			2	05-Jan-21 A	06-Jan-21 A
Overall		0			13	06-Jan-21 A	21-Jan-21 A
A114281	Blinding Conrete (WKK)	0			2	06-Jan-21 A	07-Jan-21 A
A22942	Backfilling & Formation	0			2	08-Jan-21 A	09-Jan-21 A
A114291	Steel Fixing Pour 3 (BP)	0			4	11-Jan-21 A	14-Jan-21 A
A114311	Pour 3 Concreting (WKK)	0			1	15-Jan-21 A	15-Jan-21 A
A114441	Concrete Strength Gain	0			3	16-Jan-21 A	18-Jan-21 A
A114451	Cut & Cover Bulk Excavation Start	0			0	21-Jan-21 A	
Cut & Cover Bulk Excavation		0			140	21-Jan-21 A	15-Jul-21
A2294283	Excavation to below S2	0			15	21-Jan-21 A	04-Feb-21 A
A2294283	Strut S2 Construction	0			9	05-Feb-21 A	13-Feb-21 A
A2294283	Excavation to below S3	0			8	16-Feb-21 A	23-Feb-21 A
A2294283	Strut S3 Construction	0			10	24-Feb-21 A	05-Mar-21 A
A2294283	Excavation to below S4	0			10	09-Mar-21 A	19-Mar-21 A
A2294286	Permanent Strutting Slab S4	0			20	20-Mar-21 A	17-Apr-21 A
A2294289	Excavation to below S5	0			15	20-Apr-21 A	07-May-21
A2294289	Steel Strut S5	0			10	08-May-21	20-May-21
A2294289	Excavation to below S6	0			9	21-May-21	31-May-21
A2294295	Steel Strut S6	0			10	01-Jun-21	11-Jun-21
A2294295	Excavation to FEL	0			9	12-Jun-21	23-Jun-21
A2294301	Barrette Trimming	0			9	24-Jun-21	05-Jul-21
A2294301	Base Slab Construction 50%	0			9	06-Jul-21	15-Jul-21
Launching Shaft ELS		0			142	02-Dec-20 A	29-May-21
Capping Beam		0			59	02-Dec-20 A	12-Feb-21 A
Cell 2		0			49	02-Dec-20 A	31-Jan-21 A
Pour 4 (South)		0			17	25-Dec-20 A	16-Jan-21 A
A22942	ELS Wailing & Struts for Pour 4,5 & 6	0			3	25-Dec-20 A	30-Dec-20 A
A113311	Dwall Breaking	0			6	31-Dec-20 A	07-Jan-21 A
A113321	Trimming	0			2	08-Jan-21 A	09-Jan-21 A
A113331	Blinding concrete	0			1	09-Jan-21 A	09-Jan-21 A
A113341	Steel Fixing	0			3	11-Jan-21 A	13-Jan-21 A
A113351	Formworks Erection	0			2	14-Jan-21 A	15-Jan-21 A
A22942	Concrete	0			1	16-Jan-21 A	16-Jan-21 A
Pour 5 (North)		0			31	02-Dec-20 A	09-Jan-21 A
A22942	Excavation & GW Breaking	0			18	02-Dec-20 A	22-Dec-20 A
A22942	Dwall Breaking / Trimming	0			6	23-Dec-20 A	31-Dec-20 A
A22942	Blinding concrete	0			1	02-Jan-21 A	02-Jan-21 A
A22942	Steel Fixing	0			4	04-Jan-21 A	07-Jan-21 A
A22942	Formworks Erection	0			2	07-Jan-21 A	08-Jan-21 A
A22942	Concrete	0			1	09-Jan-21 A	09-Jan-21 A
Gantry Beam South		0			25	02-Jan-21 A	31-Jan-21 A
A113951	Dwall Breaking / Trimming	0			12	02-Jan-21 A	15-Jan-21 A
A113961	Hand Trimming & Blinding	0			3	16-Jan-21 A	19-Jan-21 A
A113971	Steel Fixing	0			4	20-Jan-21 A	23-Jan-21 A
A113981	Formworks Erection	0			3	25-Jan-21 A	27-Jan-21 A



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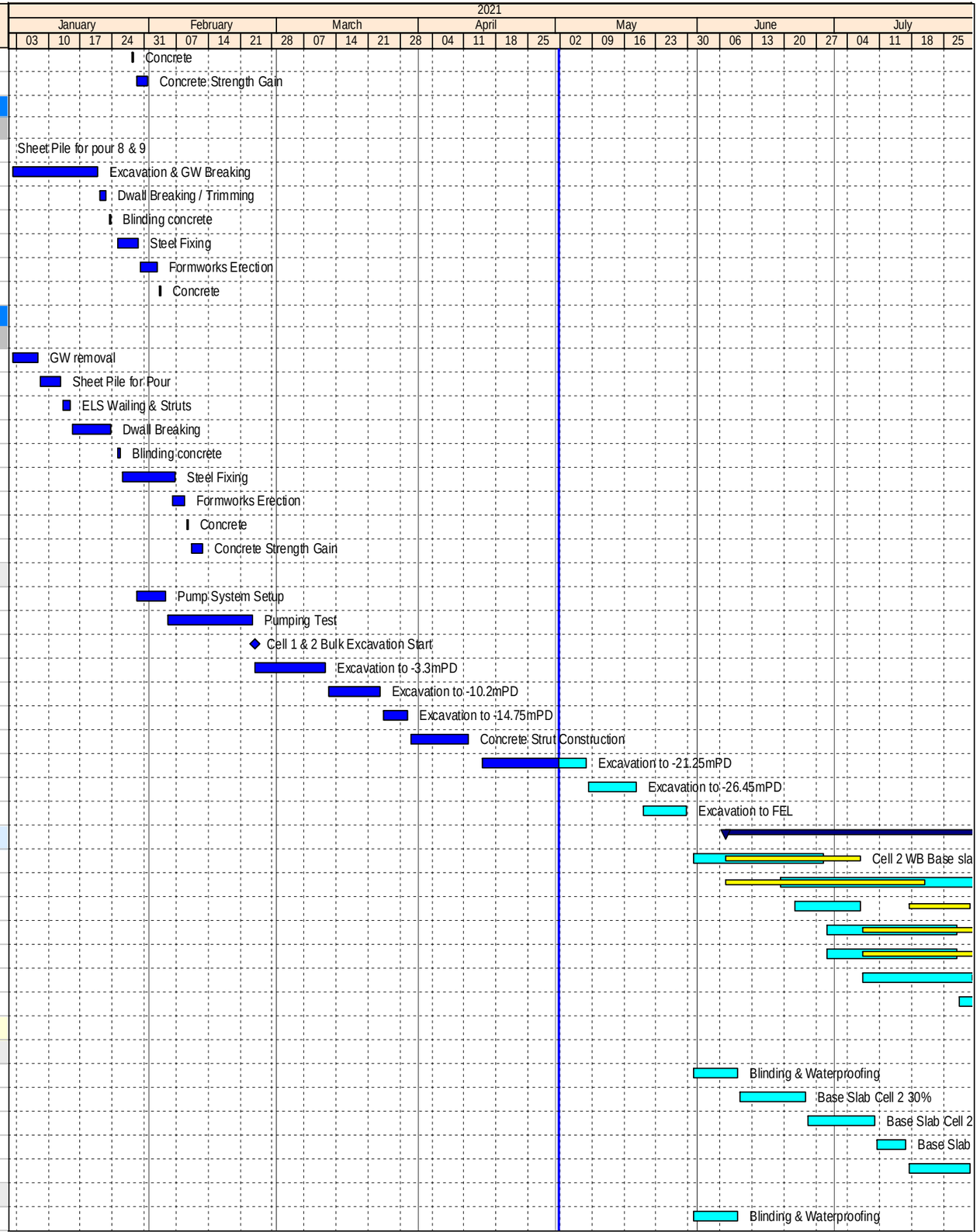
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
A113991	Concrete	0			1	28-Jan-21 A	28-Jan-21 A
A22942(	Concrete Strength Gain	0			3	29-Jan-21 A	31-Jan-21 A
Cell 1 North		0			31	29-Dec-20 A	03-Feb-21 A
Pour 8 & 9		0			31	29-Dec-20 A	03-Feb-21 A
A113481	Sheet Pile for pour 8 & 9	0			3	29-Dec-20 A	31-Dec-20 A
A22942(	Excavation & GW Breaking	0			16	02-Jan-21 A	20-Jan-21 A
A113491	Dwall Breaking / Trimming	0			2	21-Jan-21 A	22-Jan-21 A
A113501	Blinding concrete	0			1	23-Jan-21 A	23-Jan-21 A
A113511	Steel Fixing	0			5	25-Jan-21 A	29-Jan-21 A
A113521	Formworks Erection	0			3	30-Jan-21 A	02-Feb-21 A
A113531	Concrete	0			1	03-Feb-21 A	03-Feb-21 A
Cell 1 South		0			35	02-Jan-21 A	12-Feb-21 A
Pour 7 & 10		0			35	02-Jan-21 A	12-Feb-21 A
A21	GW removal	0			5	02-Jan-21 A	07-Jan-21 A
A31	Sheet Pile for Pour	0			4	08-Jan-21 A	12-Jan-21 A
A41	ELS Wailing & Struts	0			2	13-Jan-21 A	14-Jan-21 A
A411	Dwall Breaking	0			8	15-Jan-21 A	23-Jan-21 A
A413	Blinding concrete	0			1	25-Jan-21 A	25-Jan-21 A
A414	Steel Fixing	0			11	26-Jan-21 A	06-Feb-21 A
A415	Formworks Erection	0			2	06-Feb-21 A	08-Feb-21 A
A416	Concrete	0			1	09-Feb-21 A	09-Feb-21 A
A417	Concrete Strength Gain	0			3	10-Feb-21 A	12-Feb-21 A
Cell 1 & Cell 2 Excavation Bulk Excavation		0			95	29-Jan-21 A	29-May-21
A52	Pump System Setup	0			6	29-Jan-21 A	04-Feb-21 A
A61	Pumping Test	0			13	05-Feb-21 A	23-Feb-21 A
A74	Cell 1 & 2 Bulk Excavation Start	0			0	24-Feb-21 A	
A2294283	Excavation to -3.3mPD	0			14	24-Feb-21 A	11-Mar-21 A
A2294283	Excavation to -10.2mPD	0			10	12-Mar-21 A	23-Mar-21 A
A2294284	Excavation to -14.75mPD	0			5	24-Mar-21 A	29-Mar-21 A
A2294284	Concrete Strut Construction	0			7	30-Mar-21 A	12-Apr-21 A
A2294290	Excavation to -21.25mPD	0			19	15-Apr-21 A	07-May-21
A2294284	Excavation to -26.45mPD	0			9	08-May-21	18-May-21
A2294284	Excavation to FEL	0			9	20-May-21	29-May-21
Civil Works for TBM Assembly		81	07-Jun-21	10-Sep-21	72	31-May-21	24-Aug-21
A2370	Cell 2 WB Base slab	24	07-Jun-21	06-Jul-21	24	31-May-21	28-Jun-21
A2380	Cell 1 WB Tympanum	36	07-Jun-21	20-Jul-21	36	19-Jun-21	31-Jul-21
A2425	C&C Dwal Removal Lead time	12	17-Jul-21	30-Jul-21	12	22-Jun-21	06-Jul-21
A2390	Cell 1 WB Base Slab	24	07-Jul-21	03-Aug-21	24	29-Jun-21	27-Jul-21
A2400	Cell 2 EB Base slab	24	07-Jul-21	03-Aug-21	24	29-Jun-21	27-Jul-21
A2470	C&C Shaft - Base Slab	36	31-Jul-21	10-Sep-21	36	07-Jul-21	17-Aug-21
A2420	Cell 1 EB Base Slab	24	04-Aug-21	31-Aug-21	24	28-Jul-21	24-Aug-21
Launching Shaft RC Structure		0			57	31-May-21	06-Aug-21
Base Slab		0			51	31-May-21	30-Jul-21
A2294309	Blinding & Waterproofing	0			9	31-May-21	09-Jun-21
A2294296	Base Slab Cell 2 30%	0			12	10-Jun-21	24-Jun-21
A2294301	Base Slab Cell 2 80%	0			12	25-Jun-21	09-Jul-21
A2294301	Base Slab Cell 2 100%	0			6	10-Jul-21	16-Jul-21
A2294302	Base Slab Cell 1 25%	0			12	17-Jul-21	30-Jul-21
Tympanum		0			57	31-May-21	06-Aug-21
A2294309	Blinding & Waterproofing	0			9	31-May-21	09-Jun-21



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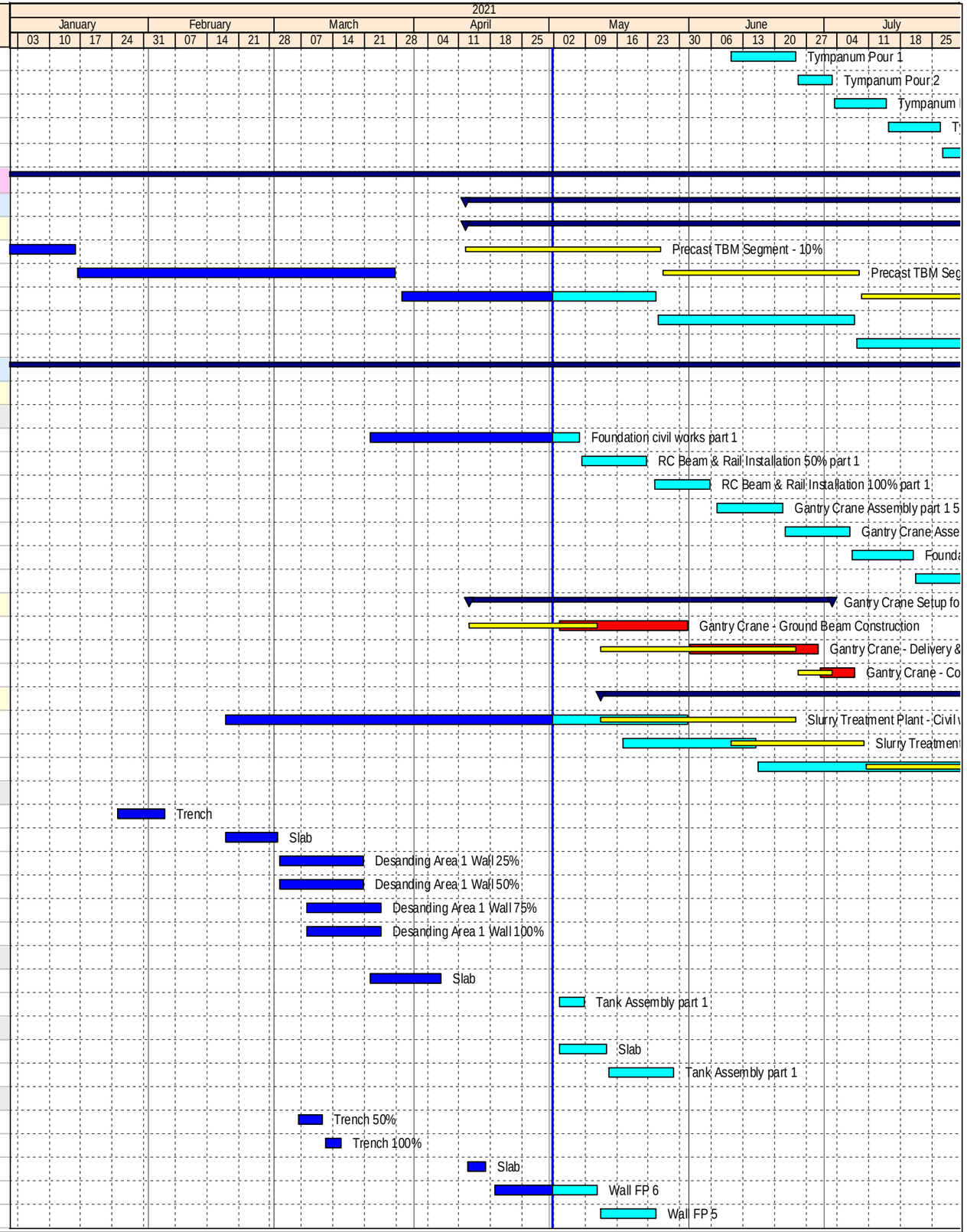
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
A2294296	Tympanum Pour 1	0			12	10-Jun-21	24-Jun-21
A2294301	Tympanum Pour 2	0			6	25-Jun-21	02-Jul-21
A2294301	Tympanum Pour 3	0			10	03-Jul-21	14-Jul-21
A2294301	Tympanum Pour 4	0			10	15-Jul-21	26-Jul-21
A2294301	Tympanum Pour 5	0			10	27-Jul-21	06-Aug-21
SUB-SEA TBM TUNNEL - WESTBOUND		315	23-Oct-20	15-Nov-21	210	01-Dec-20 A	18-Aug-21
Precast Fabrication		180	12-Apr-21	15-Nov-21	193	21-Dec-20 A	18-Aug-21
TBM Precast Segments		180	12-Apr-21	15-Nov-21	193	21-Dec-20 A	18-Aug-21
A9440-020	Precast TBM Segment - 10%	36	12-Apr-21	25-May-21	20	21-Dec-20 A	15-Jan-21 A
A9440-030	Precast TBM Segment - 20%	36	26-May-21	08-Jul-21	58	16-Jan-21 A	27-Mar-21 A
A9440-040	Precast TBM Segment - 30%	36	09-Jul-21	19-Aug-21	43	29-Mar-21 A	24-May-21
A9440-050	Precast TBM Segment - 40%	36	20-Aug-21	02-Oct-21	36	25-May-21	07-Jul-21
A9440-060	Precast TBM Segment - 50%	36	04-Oct-21	15-Nov-21	36	08-Jul-21	18-Aug-21
Site Establishment		256	23-Oct-20	03-Sep-21	204	01-Dec-20 A	11-Aug-21
Precast Elements Storage Yard		0			108	22-Mar-21 A	03-Aug-21
Segment Yard		0			108	22-Mar-21 A	03-Aug-21
A2294285	Foundation civil works part 1	0			36	22-Mar-21 A	07-May-21
A2294290	RC Beam & Rail Installation 50% part 1	0			12	08-May-21	22-May-21
A2294290	RC Beam & Rail Installation 100% part 1	0			12	24-May-21	05-Jun-21
A2294290	Gantry Crane Assembly part 1 50%	0			12	07-Jun-21	21-Jun-21
A2294290	Gantry Crane Assembly part 1 100%	0			12	22-Jun-21	06-Jul-21
A2294309	Foundation civil works part 2	0			12	07-Jul-21*	20-Jul-21
A2294309	RC Beam & Rail Installation 50% part 2	0			12	21-Jul-21	03-Aug-21
Gantry Crane Setup for TBM Assembly		66	13-Apr-21	02-Jul-21	54	03-May-21	07-Jul-21
A229020	Gantry Crane - Ground Beam Construction	24	13-Apr-21	11-May-21	24	03-May-21*	31-May-21
A229030	Gantry Crane - Delivery & Assembly	36	12-May-21	24-Jun-21	24	01-Jun-21	29-Jun-21
A229040	Gantry Crane - Commissioning & Load Test	6	25-Jun-21	02-Jul-21	6	30-Jun-21	07-Jul-21
Slurry Treatment Plant		96	12-May-21	03-Sep-21	160	25-Jan-21 A	11-Aug-21
A6930	Slurry Treatment Plant - Civil works	36	12-May-21	24-Jun-21	82	18-Feb-21 A	31-May-21
A6940	Slurry Treatment Plant - Delivery & Assembly	24	10-Jun-21	09-Jul-21	24	17-May-21	15-Jun-21
A6945	Slurry Treatment Plant - Installation	48	10-Jul-21	03-Sep-21	48	16-Jun-21	11-Aug-21
Desanding Area		0			48	25-Jan-21 A	24-Mar-21 A
A2294291	Trench	0			10	25-Jan-21 A	04-Feb-21 A
A2294291	Slab	0			10	18-Feb-21 A	01-Mar-21 A
A2294291	Desanding Area 1 Wall 25%	0			17	02-Mar-21 A	20-Mar-21 A
A2294291	Desanding Area 1 Wall 50%	0			17	02-Mar-21 A	20-Mar-21 A
A2294291	Desanding Area 1 Wall 75%	0			15	08-Mar-21 A	24-Mar-21 A
A2294291	Desanding Area 1 Wall 100%	0			15	08-Mar-21 A	24-Mar-21 A
Water Treatment Plant		0			37	22-Mar-21 A	08-May-21
A2294291	Slab	0			10	22-Mar-21 A	07-Apr-21 A
A2294292	Tank Assembly part 1	0			6	03-May-21*	08-May-21
TANK 1 Area		0			22	03-May-21	28-May-21
A2294292	Slab	0			10	03-May-21	13-May-21
A2294292	Tank Assembly part 1	0			12	14-May-21	28-May-21
Filter Press Building Side		0			119	06-Mar-21 A	31-Jul-21
A2294291	Trench 50%	0			5	06-Mar-21 A	11-Mar-21 A
A2294292	Trench 100%	0			3	12-Mar-21 A	15-Mar-21 A
A2294292	Slab	0			4	13-Apr-21 A	17-Apr-21 A
A2294296	Wall FP 6	0			19	19-Apr-21 A	11-May-21
A2294296	Wall FP 5	0			10	12-May-21	24-May-21



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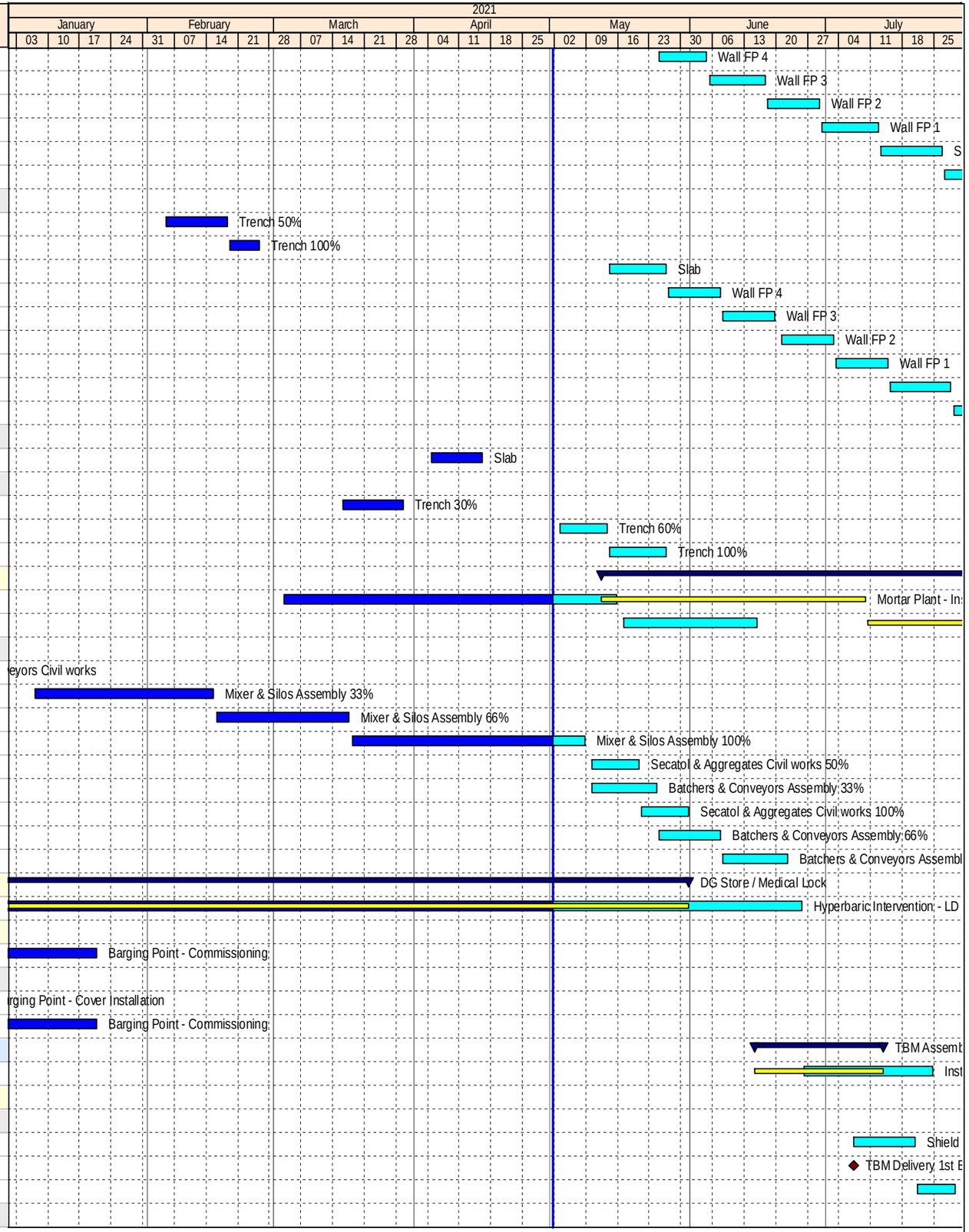
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
A2294302	Wall FP 4	0			10	25-May-21	04-Jun-21
A2294302	Wall FP 3	0			10	05-Jun-21	17-Jun-21
A2294302	Wall FP 2	0			10	18-Jun-21	29-Jun-21
A2294310	Wall FP 1	0			10	30-Jun-21	12-Jul-21
A2294310	Stock File Wall	0			12	13-Jul-21	26-Jul-21
A2294310	Acide Wall	0			5	27-Jul-21	31-Jul-21
Filter Press Sea Side		0			143	05-Feb-21 A	03-Aug-21
A2294292	Trench 50%	0			9	05-Feb-21 A	18-Feb-21 A
A2294292	Trench 100%	0			6	19-Feb-21 A	25-Feb-21 A
A2294292	Slab	0			10	14-May-21	26-May-21
A2294296	Wall FP 4	0			10	27-May-21	07-Jun-21
A2294296	Wall FP 3	0			10	08-Jun-21	19-Jun-21
A2294296	Wall FP 2	0			10	21-Jun-21	02-Jul-21
A2294296	Wall FP 1	0			10	03-Jul-21	14-Jul-21
A2294296	Stock File Wall	0			12	15-Jul-21	28-Jul-21
A2294296	Acide Wall	0			5	29-Jul-21	03-Aug-21
TANK 2 Area		0			8	05-Apr-21 A	16-Apr-21 A
A2294292	Slab	0			8	05-Apr-21 A	16-Apr-21 A
External Trenches		0			56	16-Mar-21 A	26-May-21
A2294297	Trench 30%	0			12	16-Mar-21 A	29-Mar-21 A
A2294297	Trench 60%	0			10	03-May-21	13-May-21
A2294297	Trench 100%	0			10	14-May-21	26-May-21
Mortar Plant		72	12-May-21	06-Aug-21	162	01-Dec-20 A	22-Jun-21
A2293880	Mortar Plant - Installation	48	12-May-21	09-Jul-21	59	03-Mar-21 A	15-May-21
A2293890	Mortar Plant - Commissioning	24	10-Jul-21	06-Aug-21	24	17-May-21	15-Jun-21
Mortar Plant		0			162	01-Dec-20 A	22-Jun-21
A2294287	batchers & Conveyors Civil works	0			9	01-Dec-20 A	10-Dec-20 A
A2294275	Mixer & Silos Assembly 33%	0			31	07-Jan-21 A	15-Feb-21 A
A2294275	Mixer & Silos Assembly 66%	0			26	16-Feb-21 A	17-Mar-21 A
A2294275	Mixer & Silos Assembly 100%	0			40	18-Mar-21 A	08-May-21
A2294277	Secatol & Aggregates Civil works 50%	0			9	10-May-21	20-May-21
A2294287	Batchers & Conveyors Assembly 33%	0			12	10-May-21	24-May-21
A2294277	Secatol & Aggregates Civil works 100%	0			9	21-May-21	31-May-21
A2294287	Batchers & Conveyors Assembly 66%	0			12	25-May-21	07-Jun-21
A2294287	Batchers & Conveyors Assembly 100%	0			12	08-Jun-21	22-Jun-21
DG Store / Medical Lock		144	01-Dec-20	31-May-21	165	01-Dec-20 A	25-Jun-21
A2293920	Hyperbaric Intervention - LD consultation & Approval	144	01-Dec-20	31-May-21	165	01-Dec-20 A	25-Jun-21
Barging Point at Portion P		24	23-Oct-20	20-Nov-20	23	22-Dec-20 A	20-Jan-21 A
A229416682	Barging Point - Commissioning	24	23-Oct-20	20-Nov-20	20	28-Dec-20 A	20-Jan-21 A
Barging Point Spoil Ramp Instalation		0			23	22-Dec-20 A	20-Jan-21 A
A2294276	Barging Point - Cover Installation	0			3	22-Dec-20 A	26-Dec-20 A
A2294292	Barging Point - Commissioning	0			20	28-Dec-20 A	20-Jan-21 A
TBM Assembly		24	15-Jun-21	13-Jul-21	33	26-Jun-21	04-Aug-21
A229425040	Installation of Seal Rings / Launching Seals for WB TBM Launching	24	15-Jun-21	13-Jul-21	24	26-Jun-21	24-Jul-21
S1281 TBM Assembly		0			25	07-Jul-21	04-Aug-21
TBM Shield Segment		0			20	07-Jul-21	29-Jul-21
A105	Shield Segment Assembly	0			14	07-Jul-21	20-Jul-21
A100	TBM Delivery 1st Batch	0			0	07-Jul-21*	
A160	Shield Bolts & Cutterhead connection	0			9	21-Jul-21	29-Jul-21
Tail Skin & Erector		0			6	30-Jul-21	04-Aug-21



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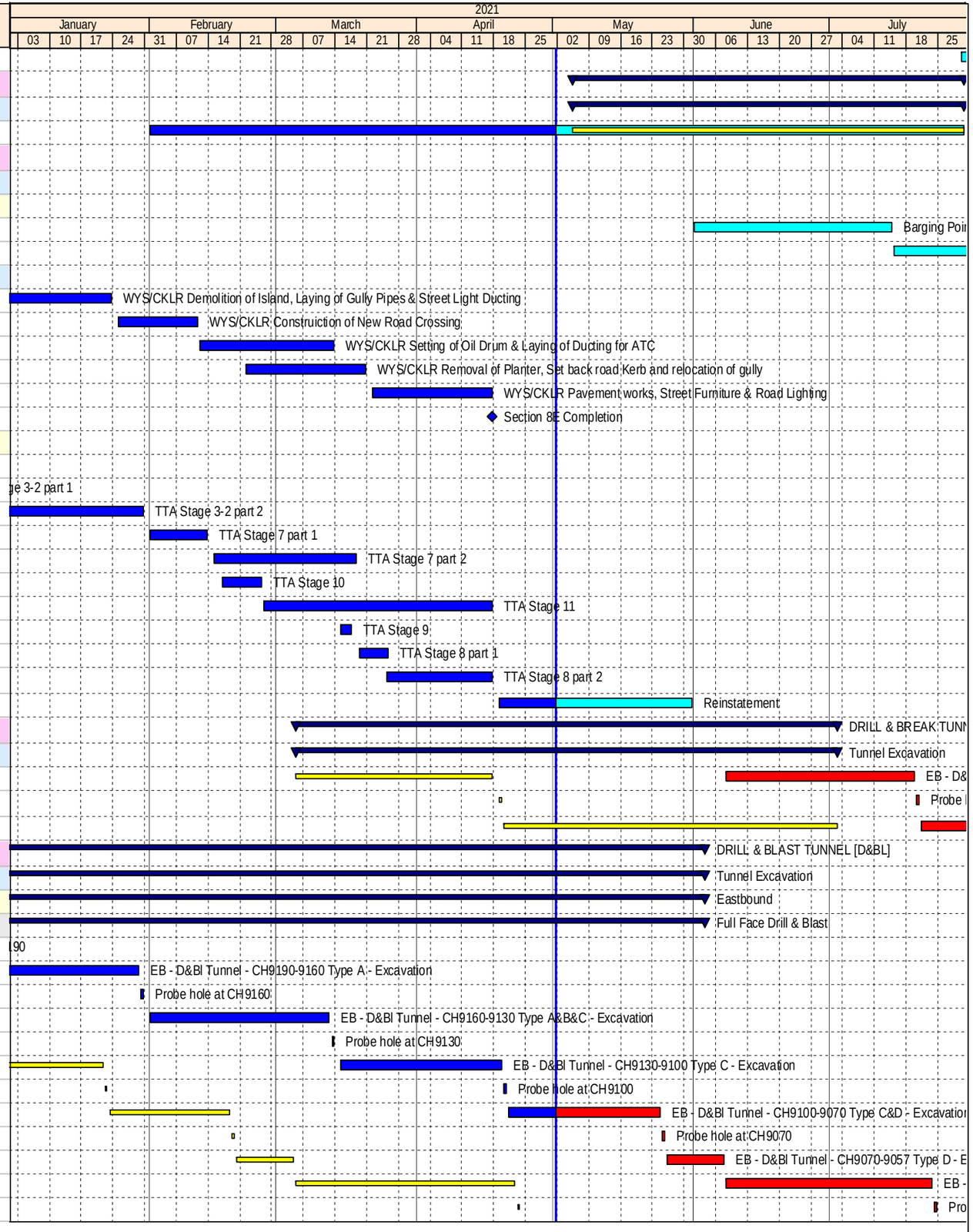
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
A165	Erector + Tail Skin Lifting	0			6	30-Jul-21	04-Aug-21
SUB-SEA TUNNEL CROSS PASSAGE (CP7-CP27a/b)		72	05-May-21	30-Jul-21	144	01-Feb-21 A	30-Jul-21
CP TBM Design / Fabrication / FAT / Delivery		72	05-May-21	30-Jul-21	144	01-Feb-21 A	30-Jul-21
A229424430	Design	72	05-May-21	30-Jul-21	144	01-Feb-21 A	30-Jul-21
CHA KWO LING ROAD WORKS		84	23-Jul-20	31-Oct-20	216	01-Dec-20 A	25-Aug-21
Site Establishment		72	29-Jul-20	22-Oct-20	72	01-Jun-21	25-Aug-21
Barging Point		72	29-Jul-20	22-Oct-20	72	01-Jun-21	25-Aug-21
A229416712	Barging Point - Foundation	36	29-Jul-20	08-Sep-20	36	01-Jun-21*	14-Jul-21
A229416722	Barging Point - Spoil Ramp Installation	36	09-Sep-20	22-Oct-20	36	15-Jul-21	25-Aug-21
Wai Yip Street / Cha Kwo Ling Road Junction		84	23-Jul-20	31-Oct-20	144	01-Dec-20 A	31-May-21
A229425350	WYS/CKLR Demolition of Island, Laying of Gully Pipes & Street Light Ducting	21	23-Jul-20	15-Aug-20	40	05-Dec-20 A	23-Jan-21 A
A229425360	WYS/CKLR Construiction of New Road Crossing	18	17-Aug-20	05-Sep-20	16	25-Jan-21 A	11-Feb-21 A
A229425370	WYS/CKLR Setting of Oil Drum & Laying of Ducting for ATC	15	07-Sep-20	23-Sep-20	23	12-Feb-21 A	13-Mar-21 A
A229425380	WYS/CKLR Removal of Planter, Set back road Kerb and relocation of gully	18	24-Sep-20	16-Oct-20	24	22-Feb-21 A	20-Mar-21 A
A229425390	WYS/CKLR Pavement works, Street Furniture & Road Lighting	12	17-Oct-20	31-Oct-20	20	22-Mar-21 A	17-Apr-21 A
A229425391	Section 8E Completion	0		31-Oct-20	0		17-Apr-21 A
Wai Yip Street / Cha Kwo Ling Road Junction		0			144	01-Dec-20 A	31-May-21
A3130	TTA Stage 4	0			9	01-Dec-20 A	10-Dec-20 A
A3125	TTA Stage 3-2 part 1	0			10	09-Dec-20 A	19-Dec-20 A
A31251	TTA Stage 3-2 part 2	0			33	21-Dec-20 A	30-Jan-21 A
A3160	TTA Stage 7 part 1	0			10	01-Feb-21 A	13-Feb-21 A
A31601	TTA Stage 7 part 2	0			27	15-Feb-21 A	18-Mar-21 A
A3181	TTA Stage 10	0			8	17-Feb-21 A	25-Feb-21 A
A229430240	TTA Stage 11	0			40	26-Feb-21 A	17-Apr-21 A
A3180	TTA Stage 9	0			3	15-Mar-21 A	17-Mar-21 A
A3170	TTA Stage 8 part 1	0			6	19-Mar-21 A	25-Mar-21 A
A31701	TTA Stage 8 part 2	0			17	25-Mar-21 A	17-Apr-21 A
A229430250	Reinstatement	0			35	19-Apr-21 A	31-May-21
DRILL & BREAK TUNNEL [D&BR]		95	05-Mar-21	02-Jul-21	95	08-Jun-21	29-Sep-21
Tunnel Excavation		95	05-Mar-21	02-Jul-21	95	08-Jun-21	29-Sep-21
A12100	EB - D&Br Tunnel - CH9057-9040 Type D - Excavation	34	05-Mar-21	17-Apr-21	34	08-Jun-21	19-Jul-21
A12180	Probe hole at CH9040	1	19-Apr-21	19-Apr-21	1	20-Jul-21	20-Jul-21
A12190	EB - D&Br Tunnel - CH9040-9010 Type D - Excavation	60	20-Apr-21	02-Jul-21	60	21-Jul-21	29-Sep-21
DRILL & BLAST TUNNEL [D&BL]		159	17-Nov-20	03-Jun-21	222	01-Dec-20 A	01-Sep-21
Tunnel Excavation		159	17-Nov-20	03-Jun-21	222	01-Dec-20 A	01-Sep-21
Eastbound		159	17-Nov-20	03-Jun-21	222	01-Dec-20 A	01-Sep-21
Full Face Drill & Blast		159	17-Nov-20	03-Jun-21	222	01-Dec-20 A	01-Sep-21
A1236	Probe hole at CH9190	1	17-Nov-20	17-Nov-20	1	07-Dec-20 A	07-Dec-20 A
A1240	EB - D&Bl Tunnel - CH9190-9160 Type A - Excavation	13	18-Nov-20	02-Dec-20	43	08-Dec-20 A	29-Jan-21 A
A1250	Probe hole at CH9160	1	03-Dec-20	03-Dec-20	1	30-Jan-21 A	30-Jan-21 A
A1260	EB - D&Bl Tunnel - CH9160-9130 Type A&B&C - Excavation	18	04-Dec-20	24-Dec-20	32	01-Feb-21 A	12-Mar-21 A
A1270	Probe hole at CH9130	1	28-Dec-20	28-Dec-20	1	13-Mar-21 A	13-Mar-21 A
A1280	EB - D&Bl Tunnel - CH9130-9100 Type C - Excavation	20	29-Dec-20	21-Jan-21	27	15-Mar-21 A	19-Apr-21 A
A1290	Probe hole at CH9100	1	22-Jan-21	22-Jan-21	1	20-Apr-21 A	20-Apr-21 A
A1295	EB - D&Bl Tunnel - CH9100-9070 Type C&D - Excavation	20	23-Jan-21	18-Feb-21	27	21-Apr-21 A	24-May-21
A1296	Probe hole at CH9070	1	19-Feb-21	19-Feb-21	1	25-May-21	25-May-21
A1300	EB - D&Bl Tunnel - CH9070-9057 Type D - Excavation	11	20-Feb-21	04-Mar-21	11	26-May-21	07-Jun-21
A1330	EB - D&Bl Tunnel - CH9150-9090 Type B/C - Enlargement	38	05-Mar-21	22-Apr-21	38	08-Jun-21	23-Jul-21
A1331	Probe hole at Branch Tunnel S01	1	23-Apr-21	23-Apr-21	1	24-Jul-21	24-Jul-21



Milestone · Summary · Planned Bar · Critical Activity · Actual Milestone · Actual Work · Baseline Milestone · Baseline Bar

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05-Nov-19	00V0	WYu	
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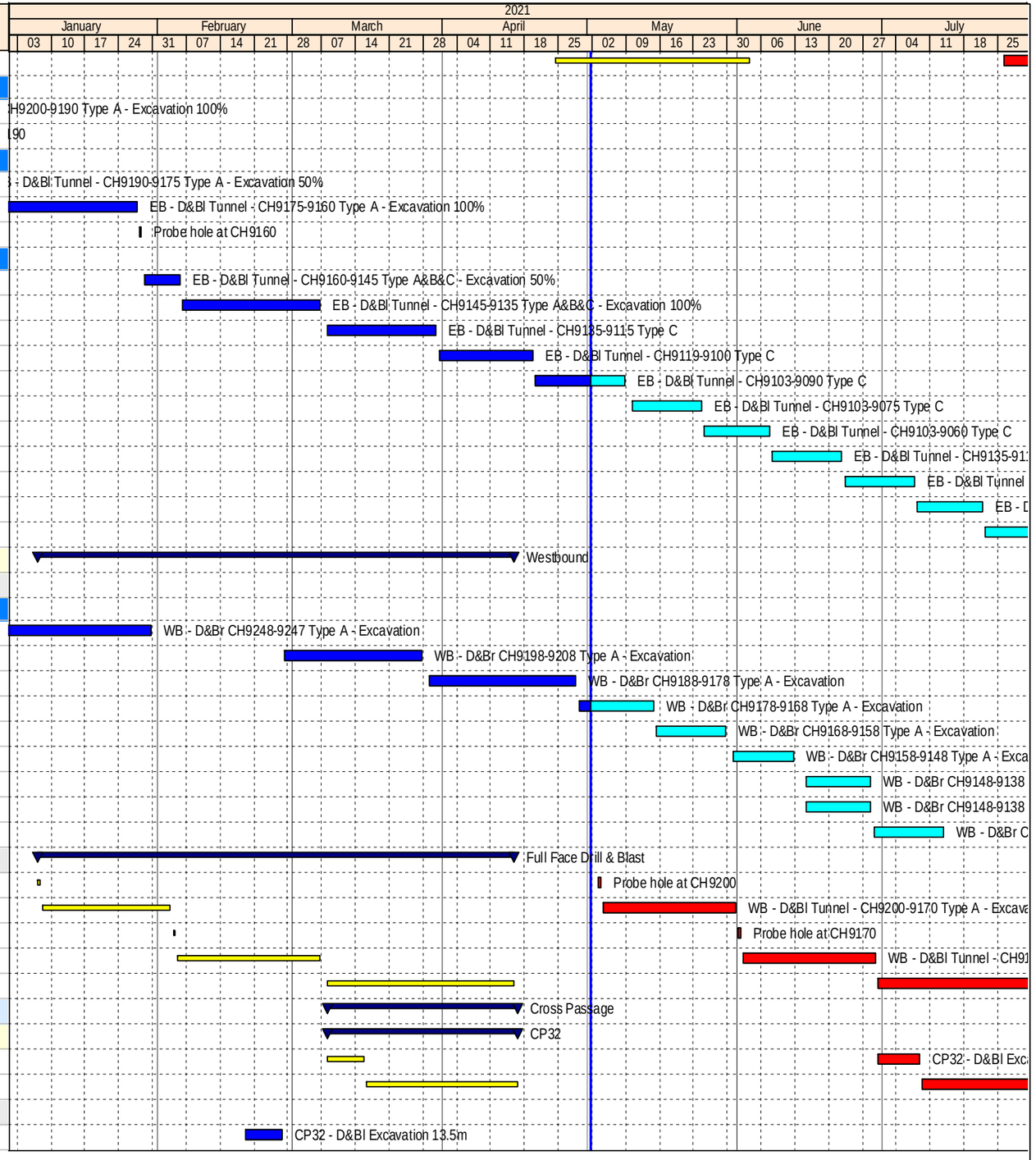
22-Feb-20	01V0	SPa/LLo	WYu
09-Apr-20	01V1	SPa/LLo	WYu
17-Jul-20	01V2	SPa/LLo	WYu
09-Oct-20	01V3	SPa/LLo	WYu

Activity ID	Activity Name	Dur	01V2 Start	01V2 Finish	Dur	Start	Finish
A1340	EB - D&Bl Tunnel - Branch Tunnel S01	33	24-Apr-21	03-Jun-21	33	26-Jul-21	01-Sep-21
EB - D&Bl Tunnel - CH9220-9190 Type A - Excavation		0			6	01-Dec-20 A	07-Dec-20 A
A229427	EB - D&Bl Tunnel - CH9200-9190 Type A - Excavation 100%	0			5	01-Dec-20 A	05-Dec-20 A
A229427	Probe hole at CH9190	0			1	07-Dec-20 A	07-Dec-20 A
EB - D&Bl Tunnel - CH9190-9160 Type A - Excavation		0			42	08-Dec-20 A	28-Jan-21 A
A229427	EB - D&Bl Tunnel - CH9190-9175 Type A - Excavation 50%	0			15	08-Dec-20 A	26-Dec-20 A
A229427	EB - D&Bl Tunnel - CH9175-9160 Type A - Excavation 100%	0			26	28-Dec-20 A	27-Jan-21 A
A229427	Probe hole at CH9160	0			1	28-Jan-21 A	28-Jan-21 A
EB - D&Bl Tunnel - CH9160-9130 Type A&B&C - Excavation		0			150	29-Jan-21 A	04-Aug-21
A229427	EB - D&Bl Tunnel - CH9160-9145 Type A&B&C - Excavation 50%	0			7	29-Jan-21 A	05-Feb-21 A
A229427	EB - D&Bl Tunnel - CH9145-9135 Type A&B&C - Excavation 100%	0			22	06-Feb-21 A	06-Mar-21 A
A229428	EB - D&Bl Tunnel - CH9135-9115 Type C	0			20	08-Mar-21 A	30-Mar-21 A
A229428	EB - D&Bl Tunnel - CH9119-9100 Type C	0			13	31-Mar-21 A	19-Apr-21 A
A229428	EB - D&Bl Tunnel - CH9103-9090 Type C	0			16	20-Apr-21 A	08-May-21
A229429	EB - D&Bl Tunnel - CH9103-9075 Type C	0			12	10-May-21	24-May-21
A229429	EB - D&Bl Tunnel - CH9103-9060 Type C	0			12	25-May-21	07-Jun-21
A229430	EB - D&Bl Tunnel - CH9135-9115 Type C - Bench Enlargement 25%	0			12	08-Jun-21	22-Jun-21
A229430	EB - D&Bl Tunnel - CH9135-9115 Type C - Bench Enlargement 50%	0			12	23-Jun-21	07-Jul-21
A229431	EB - D&Bl Tunnel - CH9135-9115 Type C - Bench Enlargement 75%	0			12	08-Jul-21	21-Jul-21
A229431	EB - D&Bl Tunnel - CH9135-9115 Type C - Bench Enlargement 100%	0			12	22-Jul-21	04-Aug-21
Westbound		78	07-Jan-21	15-Apr-21	176	29-Dec-20 A	04-Aug-21
Full Face Drill & Break		0			157	29-Dec-20 A	13-Jul-21
Full Face Drill & Break		0			157	29-Dec-20 A	13-Jul-21
A229428	WB - D&Br CH9248-9247 Type A - Excavation	0			28	29-Dec-20 A	30-Jan-21 A
A229428	WB - D&Br CH9198-9208 Type A - Excavation	0			25	27-Feb-21 A	27-Mar-21 A
A229428	WB - D&Br CH9188-9178 Type A - Excavation	0			23	29-Mar-21 A	28-Apr-21 A
A229428	WB - D&Br CH9178-9168 Type A - Excavation	0			13	29-Apr-21 A	14-May-21
A229428	WB - D&Br CH9168-9158 Type A - Excavation	0			12	15-May-21	29-May-21
A229428	WB - D&Br CH9158-9148 Type A - Excavation	0			12	31-May-21	12-Jun-21
A229428	WB - D&Br CH9148-9138 Type A - Excavation	0			12	15-Jun-21	28-Jun-21
A229430	WB - D&Br CH9148-9138 Type A - Excavation	0			12	15-Jun-21	28-Jun-21
A229430	WB - D&Br CH9208-9238 Type A - Excavation	0			12	29-Jun-21	13-Jul-21
Full Face Drill & Blast		78	07-Jan-21	15-Apr-21	78	03-May-21	04-Aug-21
A1180	Probe hole at CH9200	1	07-Jan-21	07-Jan-21	1	03-May-21	03-May-21
A1190	WB - D&Bl Tunnel - CH9200-9170 Type A - Excavation	23	08-Jan-21	03-Feb-21	23	04-May-21	31-May-21
A1200	Probe hole at CH9170	1	04-Feb-21	04-Feb-21	1	01-Jun-21	01-Jun-21
A1210	WB - D&Bl Tunnel - CH9170-9140 Type A - Excavation	23	05-Feb-21	06-Mar-21	23	02-Jun-21	29-Jun-21
A12111	WB - D&Bl Tunnel - Backifilling up to CH9140	30	08-Mar-21	15-Apr-21	30	30-Jun-21	04-Aug-21
Cross Passage		31	08-Mar-21	16-Apr-21	136	19-Feb-21 A	05-Aug-21
CP32		31	08-Mar-21	16-Apr-21	136	19-Feb-21 A	05-Aug-21
A1440	CP32 - D&Bl Excavation 13.5m	7	08-Mar-21	15-Mar-21	7	30-Jun-21	08-Jul-21
A1445	CP32 - Blast Door	24	16-Mar-21	16-Apr-21	24	09-Jul-21	05-Aug-21
CP32		0			7	19-Feb-21 A	26-Feb-21 A
A2294297	CP32 - D&Bl Excavation 13.5m	0			7	19-Feb-21 A	26-Feb-21 A



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