

Highways Department

Agreement No. CE 20/2009 (EP)

Environmental Team for the Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling

(Stage 1) Between Island House Interchange and Tai Hang - Investigation

Quarterly EM&A Summary Report for August 2013 – October 2013

[11/2013]

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> 27 November 2013 By Fax (2805 5028) and Post

Attn.: Mr. James Penny

Dear Sir,

Widening of Tolo Highway between Island House Interchange and Tai Hang Environmental Permit No.: EP-324/2008/A Submission of Quarterly EM&A Summary Report for August to October 2013 (Stage 1)

We refer to the Quarterly EM&A Summary Report for August to October 2013 for the captioned Project submitted by ET via email on 18 and 25 November 2013. We confirm we have no comment.

ų.

Yours faithfully for MOTT MACDONALD HONG KONG LIMITED

Terence Kong Independent Environmental Checker

c.c. HyD – Mr. Raymond T W Kong / Mr. Dennis Wong / Mr. William Chiang (Fax: 2761 4864) ETL, AECOM – Mr. Y T Tang (Fax: 2317 7609)

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EXECUTIVE SUMMARY

The proposed widening of Tolo Highway and Fanling Highway between Island House Interchange and Fanling (the Project) is a Designated Project under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO) and is governed by an Environmental Permit (EP-324/2008)(EP) issued by EPD on 23 December 2008. Subsequently, EPD issued a Variation of Environmental Permit (EP-324/2008/A) (VEP) on 31 January 2012.

The Project aims to widen Tolo Highway and Fanling Highway to dual 4-lane carriageway in order to alleviate the current traffic congestion problems and to cope with the increasing transport demands to and from the urban areas and also cross boundary traffic.

The construction works for this Project will be delivered in 2 stages i.e. Stage 1 (between Island House Interchange and Tai Hang) and Stage 2 (between Tai Hang and Wo Hop Shek Interchange). The construction works of Stage 1 were commenced on 23 November 2009 and will tentatively be completed in December 2013; while construction programme of Stage 2 is currently under review. This report focuses on Stage 1 of the Project only.

The construction phase of Stage 1 under the EPs and the Environmental Monitoring and Audit (EM&A) programme for Stage 1 of the Project commenced on 23 November 2009. The impact environmental monitoring and audit includes air quality and noise monitoring.

This report documents the findings of EM&A works conducted in the period between 1 August 2013 and 31 October 2013. As informed by the Contract 1 Contractor (CSHK), construction activities in the reporting period were:-

- Temporary shoring, sheetpiling and excavation;
- Installation of soil nails;
- At-grade road construction;
- Widening and demolition of central dividers;
- Retaining wall construction;
- Noise barrier footing construction;
- Noise barrier panels installation;
- Asphalt laying;
- Installation of Drainage Pipes; and
- Modification of Edge coping;

The construction works carried out by the Contract 2 Contractor (GCL) in the reporting period were:-

- Condition survey of existing structures;
- Initial and record survey;
- Survey Setting out works for slopes and structures;
- Setting up the temporary traffic arrangement;
- Excavation of trial trenches to locate existing utilities;
- Construction of haul road;
- Extension of box culvert and subway;
- Structural works of bridges;
- Construction of Pilecap / Spread footing of Noise Barrier / Semi Noise Enclosure;
- Slope works, including installation of soil nails;
- NTHA mitigation works;
- Construction of retaining wall and associated mini-piles;
- Noise barrier construction;
- Modification / Demolition of existing bridge structures;
- Entrusted watermains works;
- Sewer Installation;
- Road and drainage works; and
- Landscaping works.



Environmental Monitoring Works

A summary of monitoring and audit activities conducted in the reporting quarter is listed below:-

24-hour TSP monitoring	17 sessions
1-hour TSP monitoring	51 sessions
Daytime Noise monitoring	15 regular sessions
Environmental Site inspection	13 sessions (Contract 1) / 14 sessions (Contract 2)

Breaches of Action and Limit Levels for Air Quality

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

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

Breaches of Action and Limit Levels for Noise

No exceedance of Limit and Action Levels was recorded for noise monitoring in the reporting quarter.

Complaint, Notification of Summons and Successful Prosecution

There was one (1) complaint (included one (1) air quality related complaint) followed up by the Environmental Team in the reporting quarter. Investigations were carried out. The findings and proposed mitigation measures of the complaint were submitted to all relevant parties.

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

1 INTRODUCTION

Background

- 1.1. Tolo Highway and Fanling Highway are expressways in the North East New Territories connecting Sha Tin, Tai Po and Fanling. These highways form a vital part of the strategic Route 9, which links Hong Kong Island to Shenzhen. At present, this section of Route 9 is dual 3-lane carriageway. However, at several major interchanges along this section of Route 9, the highway is only dual-2 lane. Severe congestion is a frequent occurrence during peak periods, particularly in the Kowloon bound direction.
- 1.2. The objective of the Project "Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling" is to widen Tolo Highway and Fanling Highway to dual 4-lane carriageway in order to alleviate the current traffic congestion problems and to cope with the increasing transport demands to and from the urban areas and also cross boundary traffic.
- 1.3. The Project is a designated project and is governed by an Environmental Permit (EP-324/2008)(EP) issued by EPD on 23 December 2008. Subsequently, EPD issued a Variation of Environmental Permit (EP-324/2008/A) (VEP) on 31 January 2012.
- 1.4. The scope of the Project comprises mainly:
 - (i) Widening of a 5.7 km section of Tolo Highway and 3.0 km section of Fanling Highway between Island House Interchange and Wo Hop Shek Interchange from the existing dual 3-lane to dual 4-lane, including construction of new vehicular bridges;
 - Widening of interchange sections at Island House Interchange, Tai Po North Interchange, and Lam Kam Road Interchange from dual 2-lane to dual 3-lane, except Sha Tin bound carriageway at Tai Po North Interchange, which is widened from 3-lane to 4-lane, including realignment of various slip roads;
 - (iii) Modification and reconstruction of highways, vehicular bridges, underpasses and footbridges.
- 1.5. The construction works for this Project will be delivered in 2 stages i.e. Stage 1 (between Island House Interchange and Tai Hang) and Stage 2 (between Tai Hang and Wo Hop Shek Interchange). The construction works of Stage 1 commenced on 23 November 2009 and will tentatively be completed in December 2013; while construction programme of Stage 2 is currently under review. This report focuses on Stage 1 of the Project only.
- 1.6. The construction works for Stage 1 of the Project will be implemented under 2 works contracts (Contract 1 and Contract 2). Contract 1 covers the section of Tolo Highway between Island House Interchange and Ma Wo, Contract 2 covers the section of Tolo Highway between Ma Wo and Tai Hang.
- 1.7. Hyder-Arup-Black and Veatch Joint Venture (HABVJV) are appointed by Highways Department (HyD) as the consultants for the design and construction assignment for the Tolo project under Agreement No. CE 58/2000 Supplementary Agreement No. 3 (SA3) (i.e. the Engineer for the Contracts).
- 1.8. China State Construction Engineering (Hong Kong) Ltd. (CSHK) was commissioned as the Contractor of Contract 1 of Stage 1 of the Project, while Gammon Construction Limited (GCL) was commissioned as the Contractor of Contract 2 of Stage 1 of the Project.
- 1.9. AECOM Asia Co. Ltd. was employed by Highways Department as the Environmental Team (ET) to undertake the Environmental Monitoring and Audit (EM&A) works for Stage 1 of the Project and Mott MacDonald Hong Kong Ltd. acts as the Independent Environmental Checker (IEC) for the Contracts.
- 1.10. The construction phase of Stage 1 under the EPs commenced on 23 November 2009.
- 1.11. According to the updated EM&A Manual of Stage 1 of the Project, there is a need of an EM&A programme including air quality and noise monitoring. The EM&A programme for Stage 1 of the Project commenced on 23 November 2009.



Scope of Report

1.12. This is the sixteenth Quarterly EM&A Summary Report under the Agreement No. CE 20/2009 (EP) -Widening of Tolo Highway between Island House Interchange and Tai Hang – Investigation. This report presents a summary of the environmental monitoring and audit works, list of activities and mitigation measures proposed by the ET for Stage 1 of the Project between 1 August 2013 and 31 October 2013.

Project Organization

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

Party	Position	Name	Telephone	Fax	
ER of Stage 1, Contract 1 (Hyder-Arup-Black & Veatch Joint Venture) ER of Stage 1, Contract 2 (Hyder-Arup-Black & Veatch Joint Venture) IEC of Stage 1 (Mott MacDonald Hong Kong Limited) EContractor of Stage 1, Contract 1 (China State Construction Engineering (Hong Kong) Limited) Contractor of Stage 1, Contract 2 (Gammon Construction Limited) ET of Stage 1 (AECOM Asia Company	Chief Resident Engineer /TOLO1	James Tsang	9038 8797	2667 4000	
Contract 2 (Hyder-Arup-Black & Veatch Joint	Chief Resident Engineer /TOLO2	Paul Appleton	9097 5833	2653 2348	
(Mott MacDonald	Independent Environmental Checker	Terence Kong	2828 5919	2827 1823	
Stage 1, Contract 1	Site Agent	Eddie Tang	9863 7686	2667 5666	
Construction Engineering (Hong	Environmental Officer	Michael Tsang	9277 4956	2667 5666	
	Site Agent	John Chan	3126 1202	2559 3410	
		Thomson Chang	9213 6569	2559 3410	
Construction	Environmental Officer	Crispin Ao	9223 8773	2559 3410	
,		Ao Ho Fo	9220 5848	2559 3410	
(AECOM	ET Leader	Y T Tang	3922 9393	3922 9797	

 Table 1.1
 Contact Information of Key Personnel



Summary of Construction Works

- 1.14. The construction phase of Stage 1 under the EPs commenced on 23 November 2009. Details of the construction works carried out by the Contract 1 Contractor (CSHK) in this reporting period are listed below:-
 - Temporary shoring, sheetpiling and excavation;
 - Pile cap construction (Noise Barrier);
 - Installation of soil nails;
 - At-grade road construction;
 - Widening and demolition of central dividers;
 - Retaining wall construction;
 - Noise barrier footing construction;
 - Noise barrier panels installation;
 - Asphalt laying;
 - Installation of Drainage Pipes; and
 - Modification of Edge coping;
- 1.15. The construction works carried out by the Contract 2 Contractor (GCL) in the reporting period were:-
 - Condition survey of existing structures;
 - Initial and record survey;
 - Survey Setting out works for slopes and structures;
 - Setting up the temporary traffic arrangement;
 - Excavation of trial trenches to locate existing utilities;
 - Construction of haul road;
 - Extension of box culvert and subway;
 - Construction of Pilecap / Spread footing of Noise Barrier / Semi Noise Enclosure;
 - Slope works, including installation of soil nails;
 - NTHA mitigation works;
 - Construction of retaining wall and associated mini-piles;
 - Noise barrier construction;
 - Modification / Demolition of existing bridge structures;
 - Entrusted watermains works;
 - Sewer Installation;
 - Road and drainage works; and
 - Landscaping works.
- 1.16. The Construction Programmes are shown in Appendix B.
- 1.17. The general layout plan of the Project site showing the contract areas is shown in Figure 1.1.
- 1.18. The environmental mitigation measures implementation schedule are presented in Appendix C.

2 ENVIRONMENTAL MONITORING AND AUDIT REQUIREMENTS

Monitoring Parameters

- 2.1. The updated EM&A Manual designated 4 air quality monitoring stations and 7 noise monitoring stations to monitor environmental impacts on air quality and noise due to Stage 1 of the Project.
- 2.2. For air quality, monitoring locations AM2 (Shan Tong New Village) and AM3 (Riverain Bayside) were set up at the proposed locations in accordance with updated EM&A Manual. However, for monitoring locations: Dynasty View and Tai Po Garden, proposed in the updated EM&A Manual, as approval could not be obtained from the owner's corporation of the premises, impact air quality monitoring was conducted at alternative monitoring locations: AM1 (Ha Wun Yiu) and AM4 (Tai Kwong Secondary School). The monitoring station at 13 Ha Wun Yiu (AM1) was relocated to Fan Sin Temple, 3 Sheung Wun Yiu (AM1A) in February 2010.
- 2.3. For noise, monitoring stations NM3 (Wong Shiu Chi Middle School), NM6 (PLK Tin Ka Ping Primary School) and NM7 (Riverain Bayside) were set up at the proposed locations in accordance with updated EM&A Manual. However, for monitoring locations: Tai Po Garden, Dynasty View, Hong Kong Teachers' Association Lee Heng Kwei Secondary School and Grand Palisades, proposed in the updated EM&A Manual, as approval of access could not be obtained from the owner's corporation of the premises or the principal of the education institutes, impact noise monitoring was conducted at alternative monitoring locations: NM1 (Tai Kwong Secondary School), NM2 (Ha Wun Yiu), NM4 (Uptown Plaza) and NM5 (The Paragon).
- 2.4. As Tai Kwong Secondary School was closed down with effect from 1 September 2011, air quality (AM4) and noise (NM1) monitoring stations were relocated to 168 Shek Kwu Lung Village, naming AM4A and NM1A respectively, starting from 1 September 2011. The same air quality Action and Limit of AM4 were adopted for AM4A. For the measured construction noise level, the same noise Action Level of NM1 was adopted for NM1A, whereas Limit Level for residential noise sensitive receiver was adopted for NM1A.
- 2.5. The monitoring locations used during the reporting period are depicted in Figure 2.1.
- 2.6. The updated EM&A Manual also required environmental site inspections for air quality, noise, water quality, chemical, waste management, ecology and landscape and visual impact.

Environmental Quality Performance Limits (Action/Limit Levels)

- 2.7. The environmental quality performance limits (i.e. Action/Limit Levels) of air quality monitoring were derived from the baseline air quality monitoring results at the respective monitoring stations (AM1, AM2, AM3 and AM4), while the environmental quality performance limits of noise monitoring were defined in the EM&A Manual.
- 2.8. The environmental quality performance limits of air quality and noise monitoring and are given in Appendix D.

Environmental Mitigation Measures

2.9. Relevant environmental mitigation measures were stipulated in the Particular Specification and EPs (EP-324/2008 and EP-324/2008/A) for the Contractor to adopt. A list of environmental mitigation measures and their implementation statuses are given in Appendix C.

3 AIR QUALITY MONITORING

- 3.1. Air quality monitoring, including 1-hour and 24-hour TSP, was conducted at least 3 times every 6 days and at least once every 6 days respectively at the 4 monitoring stations (AM1A, AM2, AM3 and AM4A), in accordance with the updated EM&A Manual.
- 3.2. The weather was mostly sunny, with several fine, cloudy and rainy days in the reporting quarter. The major dust source in the reporting period included construction activities from Stage 1 of the Project, as well as nearby traffic emissions.
- 3.3. The number of monitoring events and exceedances recorded in each month of the reporting quarter are presented in Table 3.1 and Table 3.2 respectively.

Table 3.1

Summary of Number of Monitoring Events for 1-hr & 24-hr TSP Concentration

Monitoring Parameter 1-hr TSP	Location	Location No. of monitoring eve						
	Location	Aug 13	Sep 13	Oct 13				
	AM1A	18	15	18				
	AM2	18	15	18				
	AM3	18	15	18				
	AM4A	18	15	18				
24-hr TSP	AM1A	6	5	6				
	AM2	6	5	6				
	AM3	6	5	6				
	AM4A	6	5	6				

Table 3.2	Summary of Number of Exceedances for 1-hr & 24-hr TSP Monitoring
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Monitoring	Location	Level of	Le	vel of Exceedan	се
Parameter	Location	Exceedance	Aug 13	Sep 13	Oct 13
	AM1A	Action	0	0	0
	AIVITA	Limit	0	0	0
	AM2	Action	0	0	0
	AIVIZ	Limit	0	0	0
	AM3	Action	0	0	0
	AIVIS	Limit	0	0	0
	AM4A	Action	0	0	0
		Limit	0	0	0
		Total	0	0	0
	AM1A	Action	0	0	0
	AWIA	Limit	0	0	0
	AM2	Action	0	0	0
	AIVIZ	Limit	0	0	0
24-hr TSP	AM3	Action	0	0	0
	AIVIS	Limit	0	0	0
	AM4A	Action	0	0	0
	AIVI4A	Limit	0	0	0
		Total	0	0	0

- 3.4. All 1-hour TSP results were below the Action and Limit Level at all monitoring locations in the reporting quarter.
- 3.5. All 24-hour TSP results were below the Action and Limit Level at all monitoring locations in the reporting period.
- 3.6. The graphical plots of the impact air quality monitoring results are provided in Appendix E.

4 CONSTRUCTION NOISE MONITORING

- 4.1. Construction noise monitoring was conducted at the 7 monitoring stations (NM1A, NM2, NM3, NM4, NM5, NM6 and NM7) for at least once per week during 07:00 19:00 in the reporting quarter.
- 4.2. The major noise sources during the noise monitoring included construction activities of Stage 1 of the Project and nearby traffic noise. In addition, for NM3 and NM6, general school activities are also a major noise source during the noise monitoring.
- 4.3. The number of construction noise monitoring events and exceedances are summarized in Table 4.1 and Table 4.2 respectively.

Table 4.1	Summary of Number of Monitoring Events for Construction Noise

Monitoring	Location	No.	of monitoring eve	ents
Parameter	Location	Aug 13	Sep 13	Oct 13
	NM1A	5	5	5
	NM2	5	5	5
	NM3	5	5	5
	NM4	5	5	5
	NM5	5	5	5
	NM6	5	5	5
	NM7	5	5	5

Table 4.2	Summary of Number of Monitoring Exceedances for Construction Noise
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Monitoring	Location		Le	vel of Exceedan	се
Parameter	Location		Aug 13	Sep 13	Oct 13
	NM1A	Level of Exceedance	0	0	0
	NM2	Loval of	0	0	0
	NM3		0	0	0
	NM4	Level of	0	0	0
	NM5		0	0	0
	NM6	Level of Exceedance	0	0	0
	NM7		0	0	0
		Exceedance	0	0	0

4.4. All measured construction noise levels were below the Limit level and the graphical plots of the trends of the monitoring results are provided in Appendix F. No Limit and Action level exceedance of construction noise monitoring was recorded in the reporting quarter.

5 ENVIRONMENTAL SITE INSPECTION AND AUDIT

- 5.1. Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for Stage 1 of the Project. In the reporting quarter, 13 site inspections were carried out for Contract 1 and 14 site inspections were carried out for Contract 2 of the Project.
- 5.2. Particular observations and reminder during the site inspections for Contract 1 are described below:-

Air Quality

5.2.1. No adverse observation was identified in the reporting quarter.

Noise

5.2.2. No adverse observation was identified in the reporting quarter.

Water Quality

5.2.3. The Contractor was reminded to remove the stagnant water within the construction site at Bridge 11.

Chemical and Waste Management

- 5.2.4. The Contractor was reminded to remove the general refuse at Bridge 11.
- 5.2.5. The Contractor was reminded to remove the construction waste within the construction area at Bridge 10.
- 5.2.6. Oil cans were observed at Gate 41. The Contractor was reminded to provide a drip tray to hold the oil cans or remove the oil cans.

Landscape and Visual Impact

5.2.7. No adverse observation was identified in the reporting quarter.

Miscellaneous

- 5.2.8. No adverse observation was identified in the reporting quarter.
- 5.3. Particular observations during the site inspections for Contract 2 are described below:-

Air Quality

- 5.3.1. Exposed cement bags were observed at Wall 59. The Contractor was reminded to cover the cement bags or remove them.
- 5.3.2. The Contractor was reminded to cover the soil stockpile at Wall 59.
- 5.3.3. The Contractor was reminded to cover the exposed soil stockpile at Lam Kam Bridge P2.
- 5.3.4. The Contractor was reminded to cover the cement bags with impervious sheet at Link Bridge 1.
- 5.3.5. Mud trails were observed at Gate 65. The Contractor was reminded to clear the mud trails and prevent vehicles from bringing the mud trails to the public roads.

Noise



5.3.6. No adverse observation was identified in the reporting quarter.

Water Quality

- 5.3.7. The Contractor was reminded to remove the standing water within the construction site at W58B.
- 5.3.8. Sands and debris were observed along the U-channel at Bridge 13. The Contractor was reminded to remove the sands and debris so as to maintain the drainage properly.
- 5.3.9. The Contractor was reminded to remove the standing water held within the drip tray at Link Bridge 1.

Chemical and Waste Management

- 5.3.10. The Contractor was reminded to provide drip tray for holding the oil drum at Wall 74.
- 5.3.11. The Contractor was reminded to remove the general refuse within the construction site at W58B.
- 5.3.12. Oil drum was placed on bare ground at W58B. The Contractor was reminded to remove the oil drum or provide a drip tray for holding the oil drum.
- 5.3.13. The Contractor was reminded to remove the general refuse at NB 30.
- 5.3.14. The Contractor was reminded to remove the oil drum or provide a drip tray for holding the oil drum at NB 30.
- 5.3.15. The Contractor was reminded to provide drip tray for holding the oil cans at Link Bridge 1.
- 5.3.16. The contractor was reminded to remove the general refuse at W74.
- 5.3.17. The contractor was reminded to provide a larger drip try to hold oil drums at Lam Kam Bridge.
- 5.3.18. The contractor was reminded to provide a drip try to oil cans to prevent oil leakage at Lam Kam Bridge.

Landscape and Visual Impact

5.3.19. No adverse observation was identified in the reporting quarter.

Miscellaneous

5.3.20. No adverse observation was identified in the reporting quarter.

6 ADVICE ON THE SOLID AND LIQUID WASTE MANAGEMENT STATUS

- 6.1.1 The Contract 1 Contractor (CSHK) and the Contract 2 Contractor (GCL) are registered as chemical waste producers for Stage 1 of the Project. C&D material sorting was carried out on site. Sufficient numbers of receptacles were available for general refuse collection.
- 6.1.2 As advised by the Contract 1 Contractor (CSHK), 576m³ of inert C&D material was disposed as public fill to Tuen Mun 38(of which 4m³ was broken concrete), while 332m³ of general refuse were disposed at NENT landfill. 25,437kg of metal, 300kg of paper/cardboard and 7,389kg of plastic were collected by recycling contractor in the reporting quarter. 5,216m³ and 1,354m³ of inert C&D materials were reused on site and in NENT for backfilling respectively. On the other hand, 0kg of chemical waste was collected by licensed contractor in the reporting period.
- 6.1.3 As advised by the Contract 2 Contractor (GCL), 1,175m³ of inert C&D material were disposed to Tuen Mun 38 and 730m³ of general refuse was disposed to NENT landfill in the reporting period. 480m³ of paper/cardboard packaging was collected by the recycling contractor in the reporting period. 0kg of plastics and 0kg of metals were collected by the recycling contractor in the reporting month. No inert C&D material was reused on site or reused in NENT for backfilling purpose. No chemical waste was collected by the licensed contractor in the reporting period.
- 6.1.4 The Contract 1 Contractor (CSHK) and the Contract 2 Contractor (GCL) are advised to maintain on site waste sorting and recording system and maximize reuse / recycle of C&D wastes.

7 SUMMARY OF NON-COMPLIANCE (EXCEEDANCES) OF THE ENVIRONMENTAL QUALITY

- 7.1. All 1-hour TSP monitoring results complied with the Action / Limit Levels in the reporting period.
- 7.2. All 24-hour TSP monitoring results complied with the Action / Limit Levels in the reporting period.
- 7.3. No Limit and Action Level exceedance of construction noise monitoring was recorded in the reporting period.

8 ENVIRONMENTAL COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS

- 8.1. A 24-hour complaint hotline at 6628 8366 has been established for Stage 1 (both Contract 1 and Contract 2) of the Project. Also a 24-hour hotline at 8201 6669 is established for Contract 1 of the Project. The hotline numbers are displayed at the site entrances, fencings and project signboards, as well as printed on publications for the public, such as newsletters.
- 8.2. No notification of summons and prosecution was received in the reporting quarter.
- 8.3. There was one (1) complaint followed up by the Environmental Team, including one (1) air quality related complaint in reporting period as follows:

Environmental Enquiry No.: EC-33

The air complaint, was received by EPD on 7 October 2013, and referred from EPD on 7 October 2013. The complaint is about dust emission in construction site of the Tolo Highway widening construction works at Ma Wo, causing nuisance to the complainant.

As informed by the Contractor (Gammon Construction Ltd) and confirmed by the Engineer of the Project, backfilling and compaction work of general fill material at W38 and delivery of fill material from W48 to W38 by dump truck on 7 October 2013 were being carried out at Ma Wo as shown in the layout plan below. Mitigation measures, including manual and sprinklers water spraying on haul road and exposed slope, covering non-working slope by tarpaulin sheet at a sight distance from complainant before the construction of permanent footpath, providing full-time manual water spray and setting a tarpaulin dust screen on the top of W45-47 along W44 & NB31, were taken by the Contractor. In case of any dump truck passing through W45-47, the mechanical covering would not open until they reach the unloading point.

With reference to the monitoring results recorded on days near to the day of complaint at the nearest EM&A monitoring station (AM1A- 3 Sheung Wun Yiu), the 24-hour TSP levels on 27 September 2013 and 2 October 2013 were found to be 39.2ug/m3 and 36.2ug/m3 respectively, which were below the action level of 198.5 ug/m3. Besides, the average 1-hour TSP levels on 27 September 2013 and 2 October 2013 at the nearest EM&A monitoring station (AM1A- 3 Sheung Wun Yiu) were found to be 81.8ug/m3 and 76.3ug/m3 respectively, which were also below the action level of 302.3ug/m3.

Nevertheless, the complaint was considered as project-related.

Therefore, the Contractor is reminded to enhance the dust mitigation measures as stated in "Recommended Mitigation Measures" below:

- Confirm the implementation of dust mitigation measures (watering for the haul roads and at work areas W38 and W48, covering of dusty materials carrying in dump trucks within the construction area and covering non-working slope by tarpaulin sheet) during all construction / dusty activities to prevent any fugitive dust generation;
- Increase the frequency of watering in the work areas (specially near site access and work areas W38 and W48) to maintain the surface of site haul roads and exposed surfaces in wet condition;
- Cover the backfilling surface after work;
- Maintain soil surface wet before loading and unloading activities;
- Maintain the frequency of the environmental supervision (by the Contractor) to regular review the adequacy and effectiveness of dust suppression measures to suit the construction progress; and
- Foster better public relations with the sensitive receivers / the complainant nearby.
- 8.4. Cumulative statistics on complaints, notifications of summons and successful prosecutions are summarized in Appendix G.

9 COMMENTS, RECOMMENDATIONS AND CONCLUSIONS

Comments on Mitigation Measures

9.1. According to the environmental site inspections performed in the reporting quarter, the following recommendations were provided:-

Air Quality Impact

- All plants on site should be properly maintained to avoid dark smoke emission.
- All vehicles should be washed to remove any dusty materials before leaving the site.
- Haul roads should be sufficiently dampened to minimize fugitive dust generation.
- Wheel washing facilities should be properly maintained to ensure properly functioning.
- Temporary exposed slopes and open stockpiles should be properly covered.
- Enclosure should be erected for cement mixing operations.



- Provide water spraying to suppress fugitive dust for any dusty construction activity.
- Exposed cemented bags should be covered.

Construction Noise Impact

- Properly erect the temporary noise barriers in accordance with the Environmental Permit requirement.
- Noise barriers should be closely packed and properly aligned to ensure effective noise reduction.
- Noisy operations should be oriented to a direction away from sensitive receivers as far as possible.
- Sound insulation materials shall be wrapped at the breaker tip for concrete breaking works.
- Noise Emission Label (NEL) shall be affixed to the air compressor and hand-held breaker operating within works area.
- Better scheduling of construction works to minimize noise nuisance.

Water Quality Impact

- Silt, debris and leaves accumulated at public drains, wheel washing bays and perimeter u-channels and desilting facilities should be cleaned up regularly.
- Silty effluent should be treated/desilted before discharged. Untreated effluent should be prevented from entering public drain channel.
- Proper drainage channels/bunds should be provided at the site boundaries to collect/intercept the surface run-off from works areas.
- Exposed slopes and stockpiles should be covered up properly during rainstorm.
- Stagnant water accumulated within works area should be removed.

Chemical and Waste Management

- C&D materials and wastes should be sorted, recycled/treated and removed timely.
- All chemical containers and oil drums should be properly stored.
- All plants and vehicles on site should be properly maintained to prevent oil leakage.
- All drain holes of the drip trays utilized within works areas should be properly plugged to avoid any oil leakage.
- Oil stains on soil surface and empty chemical containers should be cleared and disposed of as chemical waste.
- Only the recycling materials should be dumped into the recycling bins.
- Refuse should not be placed near the retained trees.

Landscape and Visual Impact

• All retained trees should be properly fenced off at the works area.

Recommendations on EM&A Programme

9.2. The impact air quality and noise monitoring programme ensured that any deterioration in environmental condition was readily detected and timely actions taken to rectify any non-compliance. Assessment and analysis of monitoring results collected demonstrated the environmental acceptability of Stage 1 of the Project. The weekly environmental site inspections ensured that all the environmental mitigation measures recommended in the ERR were effectively implemented.

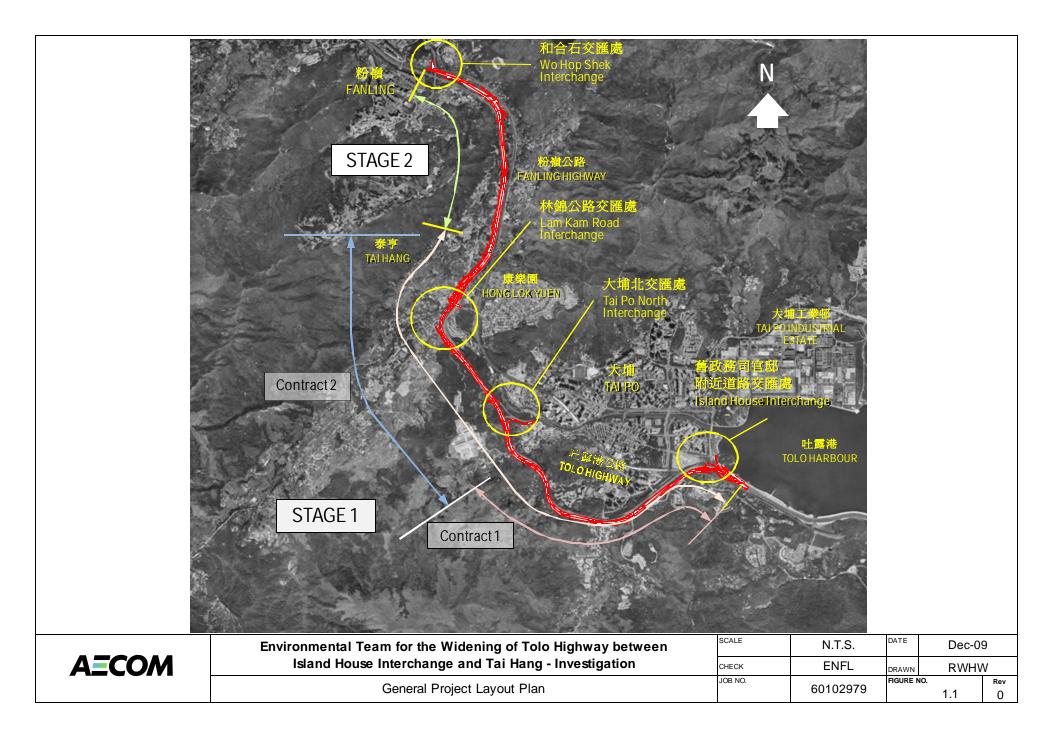


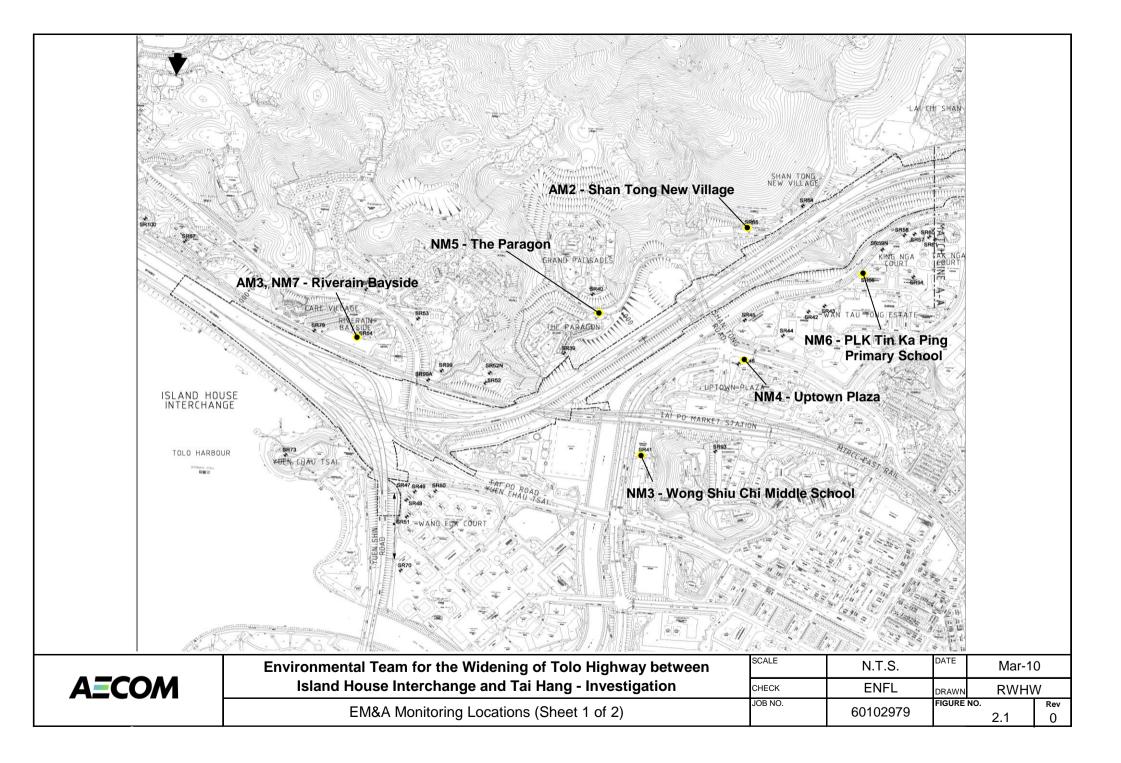
9.3. The EM&A programme effectively monitored the environmental impacts from the construction activities and no particular recommendation was advised for the improvement of the programme.

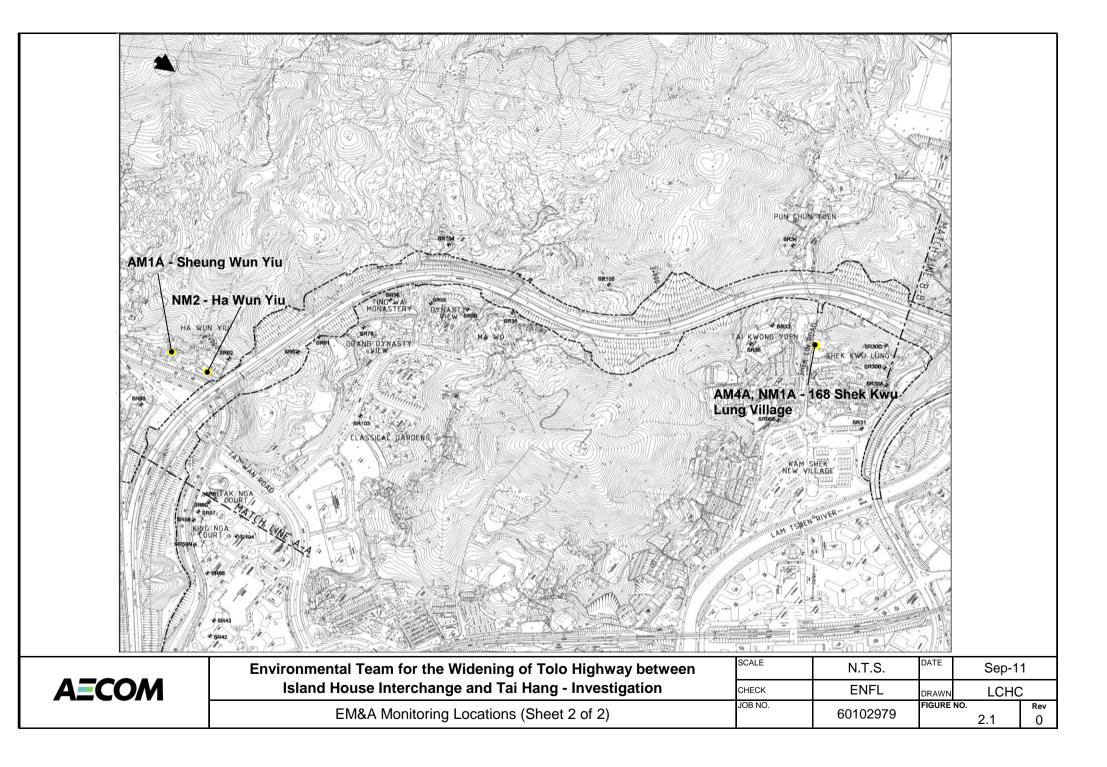
Conclusions

- 9.4. The construction phase and EM&A programme of Stage 1 of the Project commenced on 23 November 2009.
- 9.5. Air quality and noise monitoring, weekly site inspections were carried out in the reporting quarter, in accordance with the updated EM&A manual.
- 9.6. All 1-hour TSP monitoring results complied with the Action / Limit Level in the reporting quarter.
- 9.7. All 24-hour TSP monitoring results complied with the Action / Limit Level in the reporting quarter.
- 9.8. No Action and Limit Level exceedance of construction noise monitoring was recorded in the reporting period.
- 9.9. There was one (1) complaint followed up by the Environmental Team, including one (1) air quality related complaint in the reporting quarter. The findings and proposed mitigation measures of the complaint were submitted to all relevant parties.
- 9.10. No notification of summons and prosecution was received in the reporting quarter.

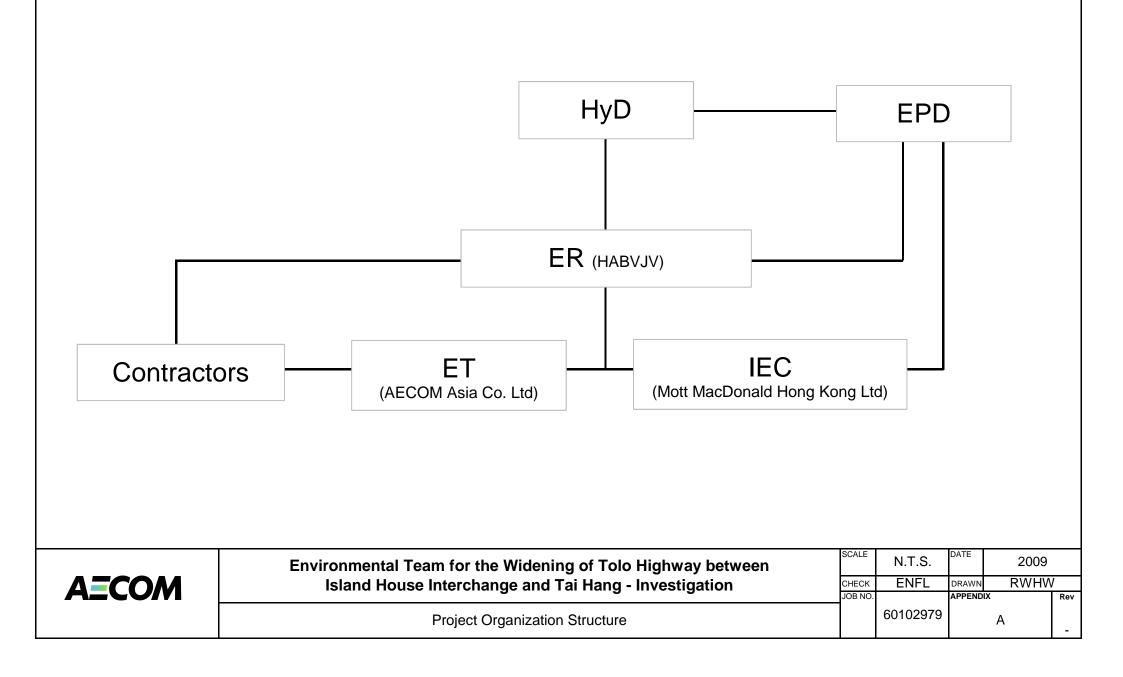
FIGURES







APPENDIX A PROJECT ORGANIZATION STRUCTURE



APPENDIX B CONSTRUCTION PROGRAMMES

ivity ID	Activity Name	Original Durat	Start	Finish	21 2		August			2013 ember 15 22		Octob		Nove	
KEY DATES				1						15 22		<u>v i i i i i i i i i i i i i i i i i i i</u>			10
Section Comple								-							
Section Comple Key Date	tion Date														-
KD-300200	KD2 Section 2 Areas SA8,SA9 + SA9A Work (1052d)	0		22-Oct-13*									♦ KD	2 Sec	tion
PRELIMINAR	ES & GENERAL REQUIREMENTS, PROCUREM	IENT						1 1 1 1							- - - - -
TCSS Works															-
General Gantry Beam Pro	ocurement: Batch 2 (G11, 12, 14, 15, 65)														
GS1193	Fabrication of Gantry Beam (G14)	81	02-May-13 A	10-Aug-13 A		1	Fabric	ation	of Gantr	y Beam (0	G14)				
GS1194	Fabrication of Gantry Beam (G15)	101	02-May-13 A	10-Aug-13 A	-	1	Fabric	ation	of Gantr	y Beam (0	315)				
GS1195	Fabrication of Gantry Beam (G65)	101	02-May-13 A	10-Aug-13 A		1	Fabric	ation	of Gantr	y Beam (0	365)				
Gantry Beam Pro GS1260	oc urement: Batch3 (G18, 20, 21, 22, 62, 63, 64) Fabrication of Gantry Beam (G18)	91	02-May-13 A	10-Aug-13 A			Eobric	ation	of Contr	y Beam (0	219)	1			
GS1200	Fabrication of Gantry Beam (G20)	91	02-May-13 A	10-Aug-13 A		1				/ Beam (C					
GS1261	Fabrication of Gantry Beam (G21)	101	02-May-13 A	10-Aug-13 A	-	1				/ Beam (0					
GS1263	Fabrication of Gantry Beam (G22)	101	02-May-13 A	10-Aug-13 A	-	1				/ Beam (0					
GS1264	Fabrication of Gantry Beam (G62)	60	02-May-13 A	10-Aug-13 A	-	-				/ Beam (0					
GS1265	Fabrication of Gantry Beam (G63)	60	02-May-13 A	10-Aug-13 A	1	1				/ Beam (0					
GS1266	Fabrication of Gantry Beam (G64)	60	02-May-13 A	10-Aug-13 A		1				/ Beam (0					
Gantry Beam Pro	ocurement: Batch 4 (G23, 61)														
GS1330	Fabrication of Gantry Beam (G23 & G61	60	15-May-13 A	10-Aug-13 A			Fabric	ation	of Gantr	y Beam (C	G23 &	G61			
GS1340	Gantry Beam Available (G23 & G61)	0		10-Aug-13 A			Gantr	y Bear	n Availa	ble (G23 &	8 G61))			
Gantry Beam Pro GS1400	ocurement: Batch 5 (G75, 76) Fabrication of Gantry Beam	90	15-May-13 A	30-Sep-13							- Eak	riantia	n of Co	ontry E	200
GS1400 GS1410	Gantry Beam Available (batch 5)	0	15-1viay-15 A	30-Sep-13									n of Ga am Av		1
	ocurement: Batch 6 (G13, 66)	0		30-0ep-13									מווו אַזיי 		+
GS3800	Fabrication of Gantry Beam	90	15-May-13 A	30-Sep-13	_			;			Fat	oricatio	n of Ga	antry E	Bjea
GS3810	Gantry Beam Available (batch 6)	0		30-Sep-13							🔶 Ġai	ntry Be	am Av	ailable) (t
Z1: CH 0 to C	H 500: SECT. 1 WORKS														
Banyan & Banya	an West Bridge Construction														
Demolition of Te	emporary Steel Bridge TB1														
S1-197165	Remove Retaining Wall	124	21-Jan-13 A	07-Oct-13								Remo	ve Ret	taining	j N
New Banyan Bri	id ge							-							-
Bridge Deck S1-080870	Painting Bridge (after bridge opening)	177	20-Nov-12 A	26-Sep-13	_						Painti	nd Brid	lge (aft	er bric	dae
S1-080900	New Banyan Bridge Completion	0		26-Sep-13									Bridge		1-
New Banyan Bri				, -											+
Bridge Deck								-							
S1-090860	Painting Bridge (w/ TTA & night works)	227	19-Sep-12 A	26-Sep-13	-			-					lge (w/		÷
S1-090900	New Banyan West Bridge Completion	0		26-Sep-13						•	New E	sanyar	West	Bridge	30
	t Kwong Fuk West Kwong Fuk West Viaduct														
Noise Barrier Fo	oundation Works														
	Column PC2B,3B,4B,5A,5B,6A,6B(Steel formwork)	137	02-Jan-13 A	20-Aug-13 A	_		: :			,3B,4B,5A					Į.
	0. Clarification of feasibility & issue VO of fixing design by Engineer	54	28-Mar-13 A	20-Aug-13 A				Çiant		feasibilit					1
S1-180510b005		26	13-Jun-13 A 15-Jul-13 A	14-Sep-13 30-Jul-13 A		Dier	lucad (in		a a a t i a it	Calumn em)-PC1					4A
S1-180510A030 S1-180510A160		9	15-Jul-13 A	31-Jul-13 A						item)-PC6					
S1-1803 10A100	NB KFW Pile Cap. 4 nos. (after TB1 removal)	18	16-Jul-13 A	30-Jul-13 A				1		after TB1					
	0 Pending for Cast In item fixing detail design info for PC7A- RFI-564	14	20-Jul-13 A	05-Aug-13 A						n fixing de			ofo for		- R
S1-180510A000		9	20-Aug-13	29-Aug-13	-					ad (incl.a					1
S1-180510A090		8	20-Aug-13	28-Aug-13						d (incl. al					1
S1-180510A120		8	29-Aug-13	06-Sep-13						r Head (ir			í i		1
S1-180510A050		9	30-Aug-13	09-Sep-13	-					ier Head					1
S1-180510b020		8	31-Aug-13	09-Sep-13				1		ier Head					1
S1-180510A140		8	07-Sep-13	16-Sep-13						Pier H					1
S1-180510A060		9	10-Sep-13	20-Sep-13									all cas		1
S1-180510b030		8	10-Sep-13	18-Sep-13									ll cast-		1
S1-180510A150		8	17-Sep-13	26-Sep-13									ncl. all		
					1		<u> </u>	:							:
		C	ontract: HY/20	08/09											
	Contract: HY/2008/09														
	Widen	ing of To	olo Highway / I	Fanling Highwa	ay				Three	Months	Rolli	ing P	rogra	mme)
		•		Fanling Highwa ange and Fanl	•					Months riod of 21		-	-		

tivity ID	Activity Name	Original	Start	Finish	2013	vembe
01 1005 101 0 10		Durat	20.0 40	20.0 40	21 28 04 11 18 25 01 08 15 22 29 06 13 20 27 0	3 10
	Pier Head (incl. all cast-in item)-PC3A (Steel formwork)	8	20-Sep-13	28-Sep-13	Pier Head (incl. all cas	
		9	21-Sep-13	02-Oct-13	Pier Head (incl. all c	
	Pier Head (incl. all cast-in item)-PC4A (Steel formwork)	8	30-Sep-13	09-Oct-13	Pier Head (incl.	all cas
S1-180810	KFWV structural steel, (bay 5-7)	26	18-Nov-13	17-Dec-13		
TCSS Works New Sign Gantry	Construction					
G18 (VO205 Slip F						
GS1778	Footing besides Slip road (pending for Engineer design clarification)	45	21-Aug-13*	06-Dec-13		
	rk- Ret. Wall, Noise B, Rd					
NB6, and Slope S High Mast Lightin						
S1-203068	9 Install/delete lamps at high mast HM2 & HM3	18	19-Oct-13	08-Nov-13		lnst
Noise Barrier NB6	3					
S1-207055	NB production period	76	10-Apr-13 A	30-Aug-13	NB production period	
S1-207060	NB6 Structural Steel	14	31-Aug-13	16-Sep-13	NB6 Ştructural Steel	
S1-208060	NB6 NB Panels	14	12-Sep-13	28-Sep-13	NB6 NB Panels	
Road Lighting/ or			07.0	04.0		
S1-203067	Relocate pillar box for high mast HM1 - HM10	14	07-Sep-13	24-Sep-13	Relocate pillar box for hi	
S1-700050	Cabling works for utilities/Lighting	30	12-Sep-13	19-Oct-13	Cabling w	
S1-700070	Pillar Box + MCB Board in stallation	18	27-Sep-13	19-Oct-13	Pi≬ar Box	(+ MCE
Cut Slope S4 S1-031060B	Cut Slope S4 - drainage/ u channels	20	20-Aug-13	11-Sep-13	Cut Slope S4 - drain age/ u chann	nels
NB7 , Slope S3, S		20	_0 //ug-10			
Cut Sipe S3						
	Cut Slope S3- excavation	483	20-Dec-11 A	30-Aug-13	Cut Slope S3- excavation	
S1-031030B	Cut Slope S3- u channels	411	20-Mar-12 A	20-Aug-13 A	Cut Sope S3- u channels	
	, Ch 0-300, after NB3					
Road Drainage S1-051165	Road Drainage - pipelayinng + manhole, L=100m	30	10-Jul-13 A	07-Aug-13 A	Road Drainage - pipelayinng + manhole, L=100m	
TCSS Works/Othe						
	TCSS P57 - footing	14	07-Sep-13	24-Sep-13	TCSS P57 - footing	
S1-035055	TCSS S167 - footing	14	25-Sep-13	12-Oct-13	TCSS S167 -	footing
Road Lighting/ or	High Mast					
S1-051215	Public Lighting - install Lamp Pole + Lamps	18	19-Oct-13	08-Nov-13		Pub
S1-051215A	Public Lighting - cabling works	18	19-Oct-13	08-Nov-13		Pub
S1-051215B	Public Lighting - power supply connection & test	18	19-Oct-13	08-Nov-13		Pub
Roadworks						
S1-051200	Roadworks- 1st TTA - Half fast lane	18	08-Aug-13 A	05-Sep-13	Roadworks-1st TTA - Half fast lane	
S1-051205	Roadworks- 2nd TTA - Slow lane	26	06-Sep-13	08-Oct-13	Roadworks- 2nd	ITTA -
S1-051210	Roadworks- 3rd TTA - middle lane	26	09-Oct-13	08-Nov-13		Roa
S1-051230	Roadworks- 4th TTA - fast lane	26	09-Nov-13	09-Dec-13		
	4A, after TB1 demolition					
	6 (remaining 1 bay after TB1 removal) NB6 Excavation & temp works, 1 bay	20	15-May-13 A	22-Jul-13 A	NB6 Excavation & temp works, 1 bay	
S1-208128	NB6 footing & wall stem, 1 bay	30	24-Jun-13 A	29-Jul-13 A	NB6 footing & wall stem, 1 bay	
S1-208130	NB6 Structural Steel	10	11-Sep-13	23-Sep-13	NB6 Structural Steel	
S1-208135	NB6 NB Panels	6	24-Sep-13	30-Sep-13	- NB6 NB Panels	
Cut Slope S4A			, -	,		
S1-208140A	Cut Slope S4A - excavation	20	20-Aug-13	11-Sep-13	Cut Slope S4A - excavation	
S1-208140B	Cut Slope S4A - u channels	20	12-Sep-13	07-Oct-13	Cut Slope S4A - 1	u chan
NB11, Slope S4B	& F124, after TB2 dem.					
High Mast Lightin S1-200112	g High Mast HM5 - footing + relocation + lamp	30	20-10-42	24-Sep-13	High Mast HM5 - footing	+ rolat
		30	20-Aug-13	24-96h-13	ingri mast Hins - tooling	
Noise Barrier NB1 S1-203130	NB11 Footing & Wall Stem	48	05-Jun-13 A	30-Aug-13	NB11 Footing & Wall Stem	
S1-208120	W3A construction	14	11-Sep-13	27-Sep-13	W3A construction	
S1-207110	NB11 Structural Steel	10	18-Oct-13	29-Oct-13		11 Stru
S1-208110	NB11 NB Panels	10	30-Oct-13	09-Nov-13		
Cut Slope S4B, S4						
S1-031040A	Cut Slope S4B, S4C - excavation	21	31-Aug-13	25-Sep-13	Cut Slope S4B, S4C - ex	cavati
S1-031040B	Cut Slope S4B, S4C - drainage/ channels	48	26-Sep-13	22-Nov-13	╶┨┊║┊┊┊┊╽╽┊┊┊┎┿┿┿┿┿┿┿┿	
South Bound Roa	ad and Drain, Ch 300-500					
Road Drainage						
		С	ontract: HY/20	08/09		
	Wider	ning of To	olo Highway / I	Fanling Highw	vay Three Months Rolling Programm	е
		-		00		
		en Island				
	Betwee		House Interch	ange and Fan	nling for the Period of 21 Aug 2013 to 20 Nov 2	

vity ID	Activity Name	Original	Start	Finish					2013				
		Durat			21 28		ugust 11 18 2		eptember 08 15 2		October 06 13 2		ovembe 03 10
S1-051347	Road Drainage - pipela yinng + manhole, L=200	26	31-Oct-13	29-Nov-13									
Firemain S1-051305	Firemain- excav, pipe install + pit/new hydrants	24	02-Nov-13	29-Nov-13									
TCSS Works/Othe S1-051303	er Utlities Civl prov. works (CPW)- TCSS Pillar Box A	18	31-Oct-13	20-Nov-13	-								
	Utilities & TCSS buried ducts	24	02-Nov-13	29-Nov-13	_								
Road Lighting/ or													
S1-051350A	Public Lighting - cabling works	18	31-Oct-13	20-Nov-13									_
S1-051350	Public Lighting - Lamp Pole + Lamps	18	09-Nov-13	29-Nov-13									-
Roadworks													
S1-051335	Roadworks- 1st TTA - Temp lane about 500mm (Lane 4)	9	31-Aug-13	10-Sep-13					Roadw	orks- 1s	t TTA - Te	- Ë j	
S1-051340	Roadworks- 2nd TTA - Slow lane	20	11-Sep-13	05-Oct-13							Roadwor	- 1 - 1	
S1-051345	Roadworks- 3rd TTA - middle lane	20	07-Oct-13	30-Oct-13									Roadwo
TCSS HUB (near TCSS Hub	KFW Viaduct)												
S1-700016	E&M procurement & delivery	90	09-Apr-13 A	21-Aug-13				&M proc	urement 8	deliver	у		
S1-700010	TCSS HUB - ABWF	30	20-Jul-13 A	05-Sep-13					TC\$S HU	B - ABV	/F		
S1-700020	TCSS HUB - E&M	40	22-Aug-13	09-Oct-13			ļ 📫				TCSS	нџв-	E&M
TCSS HUB (Ma Li	iu Shui)												
TCSS Hub S1-700180	E&M procurement & delivery	90	09-Apr-13 A	21-Aug-13			Ε	&M proc	urement 8	deliver	v		
S1-700190	TCSS HUB - E&M	40	22-Aug-13	09-Oct-13								нив-	E&M
	Vork- Noise Barrier + Road/Drain		- 3 -					_					
Noise Barrier NB:													
Road Lighting/ or S1-208040A		40	20 Aug 12	00 San 12						inhtind	adhlindu		
	Public Lighting - cabling works Public Lighting - Lamp Pole + Lamps	18	20-Aug-13	09-Sep-13							cabling v		
		18	10-Sep-13	02-Oct-13	_						ublic Ligh		
S1-208040B	Public Lighting - power supply connection & test	18	03-Oct-13	24-Oct-13								Pub	lic Lighti
	Ictural Steel & Panels NB3 Structural Steel	10	21-Oct-13*	31-Oct-13	-								NB3 Str
S1-208030	NB3 NB Panels	10	01-Nov-13	12-Nov-13	-								
Noise Barrier NB	3 CH357-381,after TB1 demolition												
	Ictural Steel & Panels		45 NL 40*	04.14									_
	NB3 Structural Steel	6	15-Nov-13*	21-Nov-13									-
Noise BarrierNB1 Noise Barrier Fou	0 CH444-500,after TB2 demolition ndation Works												
S1-200100	NB10 Excavation + Temp. works [Prebored H Piles, 30 nos.DELETED]	78	06-Mar-13 A	14-Aug-13 A			NB10	Excavat	ion + Tem	p. works	[Prebore	d H Pil	es, 30 no
	NB10 Footing + Wall stem [Pile cap, Plinth DELETED]	52	06-May-13 A	04-Sep-13				-	NB10 Foot	ing + W	all stem [F	Pilė cap	, Plinth
S1-200094	Pending VO for searching existing ducting for TCSS works	10	20-Aug-13	30-Aug-13				Pen	ding VO f	or searc	n ing e xisti	nġ dục	ting for ⁻
	Ictural Steel & Panels	40	02 0-4 42	05 Nov 40									NB1
	NB10 Structural Steel + Lighting NB10 NB Panels	12	23-Oct-13	05-Nov-13									
		12	06-Nov-13	19-Nov-13									
RW W1+ NB1+S1	k- Ret. Wall, Noise B, Rd , NB2 Ch200-300			. <u></u>									
Noise Barrier NB1													
	Northbound work Complete	0	04-Nov-13										North
Cut Slope S1 S1-031015005	VO for footing modification & relocation of HM7	14	20-Jun-13 A	24-Aug-13	-			VO for	ooting mo	dificatio	n & reloca	tion of	HM7
	Fill Slope S1- backfilling (remaining 50% after relocation of HM7)	31	26-Aug-13	02-Oct-13							ill Slope S		
S1-031015020	Fill Slope S1- drainage	26	03-Oct-13	02-Nov-13	-								Fill Slo
	Dr, Ch 0-300, after NB3												
Roadworks													
S1-051105	Roadworks- 2nd TTA (Fast lane)	115	06-Feb-13 A	14-Sep-13					Road	dworks-	2nd TTA		
S1-051115	Roadworks- 3rd TTA (middle lane)	26	16-Sep-13	18-Oct-13							 F	Roadwo	rks- 3rd
S1-051135	Drainage at Slow Lane	26	19-Oct-13	18-Nov-13									
S1-051137	Roadworks- 4th TTA (Slow lane)	26	19-Nov-13	18-Dec-13									
Slip Rd B after Ba Slip Rd B	anyan Br. Completion												
	Slip Road B - drainage + road reconstruction	193	11-Oct-12 A	20-Sep-13					•	Slip Roa	d B - drair	age +	road rec
Slip Rd A after Ba	anyan West Completion												
Slip Rd A S1-051155	Slip Road A - drainage + road reconstruction	175	20-Oct-12 A	20-Sep-13	_						d A - drair		road ra-
		175	20-001-12 A	20-3ep-13				-				aye +	
NB2 & Slope S2, High Mast Lightin	after TB1 demolition g												
		C	ontract: HY/20	08/09									
	Wider	ning of To	olo Highway / I	anling Highw	ay			Thr	ee Mont	hs Rol	ling Pro	gram	me
	Betwee	en Island	House Interch	ange and Fan	ing				Period o		•	-	
				-	-	- \		.51 116			, _010 10	_0 1101	-010
	(Stage 1 - Be	stween IS	ianu nouse in	terchange and		.,							

Activity ID	Activity Name	Original	Start	Finish	2013
04.0040.07		Durat	00 Car 40	42 Nov 42	August September October November 21 28 04 11 18 25 01 08 15 22 29 06 13 20 27 03 10
S1-031037	High Mast HM6 - footing, relocation + lamp High Mast HM10 - install/delete lamps	60	02-Sep-13	13-Nov-13	
S1-031039 Noise Barrier NB2		6	14-Nov-13	20-Nov-13	
S1-031054	2 NB2 footing & wall stem	24	02-Jul-13 A	31-Aug-13	NB2 footing & wall stem
S1-031055	NB2 Structural Steel	10	19-Oct-13	30-Oct-13	NB2 Stru
S1-031065	NB2 NB Panels	10	31-Oct-13	11-Nov-13	-
Cut Slope S2					
S1-031025B	Cut Slope S2- channel	20	12-Nov-13	04-Dec-13	
NB9, Slope F121 Noise Barrier NB9	, S5, (after TB2 demolition)				
S1-200128	NB9 footing & wall stem	67	18-Mar-13 A	30-Jul-13 A	NB9 footing & wall stern
S1-200130	NB9 Structural Steel	12	12-Sep-13	26-Sep-13	NB9 Structural Steel
S1-200135	NB9 NB Panels	12	27-Sep-13	12-Oct-13	NB9 NB Panels
Cut Slope S5					
S1-200140	Slope F121 + S5	40	20-Aug-13	07-Oct-13	Slope F121 + S5
North Bound Roa Road Drainage	ad and Drain, Ch 300-500				
S1-200155	Road Drainage - pipela yinng + manhole	25	18-Sep-13	19-Oct-13	Road Drainage
Firemain					
S1-200170	Firemain- excav, pipe install + pit/new hydrants	24	18-Sep-13	18-Oct-13	Firemain- excav
TCSS Works/Othe S1-200180	er Utlities Utilities & TCSS buried ducts	24	18-Sep-13	18-Oct-13	Utilities & TCSS
Road Lighting/ or	High Mast				
S1-200175	Public Lighting - buried ducts	24	18-Sep-13	18-Oct-13	Public Lighting -
S1-2002.05	Public Lighting - Lamp Pole + Lamps	24	19-Oct-13	15-Nov-13	<u>▎▕▕▏▏▕▕▕▕▕</u> ▏▏゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚
Roadworks S1-200154	Roadworks - 1st TTA - Half fast lane (Lane 4)	11	05-Sep-13	17-Sep-13	Roadworks - 1st TTA - Half fast land
S1-200190	Roadworks - 2nd TTA - Slow lane	20	21-Oct-13	12-Nov-13	
S1-200190	Roadworks - 3rd TTA - middle lane	20	13-Nov-13	05-Dec-13	
		20	13-1107-13	05-Dec-13	
	CH 1100: SECT. 4 WORKS o Ch1100 (Section 4 Works)		<u>, </u>		
	1) - Diversion of Existing Stormwater Drain in Kwong Fuk Pa	rk			
VO28-1050	Construct manhole R to Half (25.7m) (sheet pile, trench excavation,	55	16-Apr-13 A	20-Jul-13 A	Construct man hole R to Half (25.7m) (sheet pile, trench excavation, pipel
VO28-1060	pipelaving + backfill) Construct Half to manhole Q (25m) (sheet pile, trench excavation,	58	06-May-13 A	20-Jul-13 A	Construct Half to manhole Q (25m) (sheet pile, trench excavation, pipela
VO28-1070	pipela ving + backfill) Construct man hole Q to Half (18m) (sheet pile, trench excavation,	45	22-Jul-13 A	30-Sep-13	Construct manhole Q to Ha
VO28-1080	pipela ving + backfill) Construct Half to man hole P (18m) (sheet pile, trench excavation,	50	19-Aug-13 A	09-Nov-13	
VO28-1085	pipela ving + backfill) Town Gas installation works (from main to complete connection to	50	11-Nov-13	09-Jan-14	
WM Test+Drain	MTRC) by TGC contractor CCTV+ E&M Works				
Drainage CCTV					
S4-208380	Drainage CCTV	24	26-Oct-13	22-Nov-13	
S4-208385	Drainage submit CCTV Report	18	09-Nov-13	29-Nov-13	
TCSS E&M Work					
S4-208355	Cabling works for Utilities/TCSS/Lighting	48	20-Aug-13	17-Oct-13	Cabling works for
S4-208370	T&C - power supply system to TCSS/Lighting	36	18-Oct-13	28-Nov-13	
TCSS Works New Sign Gantry	Construction				
G20			-	1	
GS1830	Footing for FL (NB17 bay 6)	20	03-Jul-13 A	23-Jul-13 A	Footing for FL (NB17 bay 6)
GS1835	Erect Column FL	10	20-Aug-13	30-Aug-13	Erect Column FL
GS1820	Footing for SL (NB16 bay 11)	20	06-Nov-13	28-Nov-13	
G63 GS2192	Erect column FL	4	15-Jul-13 A	13-Aug-13 A	Erect column FL
GS2194	Erect column SL	2	15-Jul-13 A	07-Sep-13	Erect column SL
GS2250	Footing for FL (between NB14 bay 2 &3)	20	22-Jun-13 A	30-Jul-13 A	Footing for FL (between NB14 bay 2 &3)
GS2255	Erect column (FL)	4	20-Aug-13	23-Aug-13	Erect column (FL)
	ound Work- Ret. Wall, Noise B, Rd				
NLKRB - Bridge I Bridge Deck	Deck + Noise Barrier				
S4-N01355	Wing Wall construction	63	02-Jul-13 A	07-Sep-13	Wing Wall ponstruction
		С	ontract: HY/20	08/09	
	Widen	ing of To	olo Highway / F	anling Highwa	ay Three Months Rolling Programme
	Betwee	n Island	House Interch	ange and Fanl	ing for the Period of 21 Aug 2013 to 20 Nov 2013
	(Stage 1 - Be	tween Is	land House In	terchange and	
				J	

Activity ID	Activity Name	Original	Start	Finish				2013				
		Durat			Augus 21 28 04 11 1			tember 1522		Octob 06 13		November 03 10 7
S4-N100900	NLKRB Complete	0		07-Sep-13			♦ N	LKRB (Comple	ete		
S4-N01365	NB footing besides Retaining wall	12	09-Sep-13	23-Sep-13					NB fc	voting bes	ides Re	etaining wal
S4-N01375	Noise barrier Post	3	06-Nov-13	08-Nov-13								Nois
S4-N01385	Noise barrier panel	3	09-Nov-13	12-Nov-13								
RW W4-W7+Slop Noise Barrier NB1	e S7+NB15, NB12+Slip Rd L											
S4-208120	NB12 NB Panels	454	01-Feb-12 A	13-Sep-13			_	NB12	2 NB P	anels		
Cut Slope S6 and	•	100										
S1-203065A	Cut slope S6 - excavation	403	01-Feb-12 A	30-Aug-13				pe S6				
S1-203065B	Cut slope S6 - drain age/U-channels	6	31-Aug-13	06-Sep-13				tslope	Sb - c	drainage/l	J-chann	els
Retaining Wall W7 S4-035070A	Retaining Wall W7, excav + base slab + wall stem	37	20-Jul-13 A	31-Aug-13			Retair	ning Wa	all W7.	, excav +	base sla	ab + wall ste
S4-035070B	Retaining Wall W7, backfill (assumed rockfill as VO No. 90)	68	02-Sep-13	22-Nov-13								
SB: CH500-1100,	Road&Drain+Utilities											
TCSS Works/Othe		10	20 Aug 12	02 Con 12								
S4-031160 S4-512850	Power supply cable ducts Civl prov. works (CPW)- TCSS Pillar Box C	12 12	20-Aug-13 20-Aug-13	02-Sep-13 02-Sep-13				1		le ducts CPW)- TC		Pr Poy C
S4-512880	Utilities+ TCSS + CPW- SC 63/S63	24	03-Sep-13	02-Sep-13				,10v. we		1 1 1	: :	+ CPW- SC
		24	03-3ep-13	02-001-13		-				Unines+	1035	
Road Lighting/ or S4-031178A10	Public Lighting - cabling works	18	20-Aug-13	09-Sep-13		;		Public L	ightin	g - cabling	g works	
S4-031178A	Public Lighting - cabling works	6	24-Aug-13	30-Aug-13		-	Public	Lightin	g-cat	bling work	s	
S4-031178	Public lighting - Lamp Pole + Lamps	12	31-Aug-13	13-Sep-13				Publi	c lighti	ing - Lam	p Pole -	Lamps
S4-512930	Public lighting - Lamp Pole + Lamps	18	10-Sep-13	02-Oct-13						Public lig	hting -	Lamp Pole
S4-031178B	Public Lighting - power supply connection & test	6	14-Sep-13	21-Sep-13					Public	Lighting	- power	supply con
S4-031178B10	Public Lighting - power supply connection & test	18	18-Sep-13	10-Oct-13						Pub	lic Ligh	ting - power
Roadworks						-						
S4-512900	Roadworks- subbase + subsoil drain + gully connect	48	20-Jun-13 A	30-Aug-13			Roadw					+ gully con
S4-512910	Roadworks - base course to friction course	12	31-Aug-13	13-Sep-13				Road				friction cou
S4-512920	Roadworks - road marking + furnitures	12	14-Sep-13	28-Sep-13								marking + fu
S4-031185	Implement TTA - Divert to completed southbound (RW 8 Bay 1 ~ Bay 10)	5	30-Sep-13	05-Oct-13								A - Divert to
	Median - Ret. Wall, Noise B, Rd 10, NB14, NB17 Foundation Works											+
Noise Barrier NB1	0			1		-						
S4-203182	NB10 (14-16 bays)Footing & wall stem	42	04-Jun-13 A	25-Jul-13 A	NB10 (14-16 ba	ays)Fo	1					
S4-203194	NB10 (5,6 bays) excavation & footing & wall stem	30	11-Jul-13 A	11-Sep-13			-					footing & v
S4-203170B30	NB10 (7-13 bays) Steel Column & NB Panel	30	18-Jul-13 A	13-Aug-13 A	NB	10 (7-1				n & NB Pa		
S4-203170B35	Drainage & Roadwork for NB10 area (Bays 7-13)	24	01-Aug-13 A	10-Sep-13								0 area (Bay
S4-203202	Drainage & Roadwork for NB10 area (5,6,14-16 bays)	16	20-Aug-13	06-Sep-13			Dr	ainage	& Roa			area (5,6,14
S4-203192	NB10 (14-16 bays) Steel Column & NB Panel	30	07-Sep-13	15-Oct-13						, i	NB10 (1	4-16 bays)
S4-203195	NB10 (5,6 bays) Steel Column & NB Panel	14	26-Oct-13	11-Nov-13		-						
Noise Barrier NB1 S4-2031 70B50	4 NB14 (bay 1-8) Footing & wall stem	37	19-Jun-13 A	10-Sep-13		1		NB14	(bay 1	-8) Footin	g & wal	stem
S4-203170B55	NB14 (bay 1-8) Backfilling	3	11-Sep-13	13-Sep-13						1-8) Bacl		
S4-203170B60	NB14 (bay 1-8) Steel Column & NB Panel	30	29-Oct-13	02-Dec-13								
Noise Barrier NB1	7								_			
S4-203170B120	NB17 (Bay 9-20)Steel Column & NB Panel	39	08-May-13 A	31-Jul-13 A	NB17 (Bay	9-20)S	teelCol	umn &	NBPa	inel		
S4-203170B080	NB17 (Bay 1-8) Footing & wall stem	60	01-Jun-13 A	07-Sep-13			N	317 (Ba	ay 1-8)) Footing	& wall s	tem
	NB17 (Bay 1-8) Backfilling	15	19-Aug-13 A	10-Sep-13			i i			-8) Backfi		
	NB17 (Bay 21-26)Steel Column & NB Panel	12	27-Aug-13	09-Sep-13			1	1 B17 (E	3ay 21	-26)Steel	Colum	n & NB Pan
	NB17 (Bay 1-8)Steel Column & NB Panel	30	26-Oct-13	29-Nov-13								
CM: CH500-1100, Road Drainage	Road&Drain+Utilities											
S4-208285	Road Drainage - pipela yinng + manhole	30	01-Aug-13 A	18-Sep-13		:	1	— R	oad Dr	rainage -	pipelayi	nng + manh
Firemain		1										
S4-208295	Firemain- excav, pipe install + pit/new hydrants	36	01-Aug-13 A	26-Sep-13					Fire	əmain- ex	cav, pip	pe install + p
TCSS Works/Othe S4-208305	Pr Utlities Power supply cable ducts	36	14-Aug-13 A	26-Sep-13	-				Po'	wer suppl	y cable	ducts
S4-208300	Utilities+TCSS buried ducts + civil prov. works	48	16-Aug-13 A	12-Oct-13							Ĩ	CSS buried
Road Lighting/ or	·		-									
S4-208325A	Public Lighting - cabling works	18	20-Aug-13	09-Sep-13			F	ublic L	ightin	g - cablinç	g works	
S4-208325	Public lighting - Lamp Pole + Lamps	24	22-Oct-13	18-Nov-13								
		С	ontract: HY/20	08/09				<u> </u>	<u> </u>			
	Wideni	ing of Ta	olo Highway / F	anling Highw	ay		Three	Mont	he D.	olling Pı	roarar	nme
		-	House Interch		-					•	•	
				-	-	fo	r the Pe	riod of	1 21 A	ug 2013 t	.o 20 No	ov 2013
	(Stage 1 - Bet	tween Is	land House Int	terchange and	I Ma Wo)							
	· · · ·											

vity ID	Activity Name	Original Durat	Start	Finish	2013 August September October Novem
S4-208325B	Public Lighting - power supply connection & test	18	29-Oct-13	18-Nov-13	<u>21 28 04 11 18 25 01 08 15 22 29 06 13 20 27 03 1</u>
Roadworks					
S4-208310	Roadworks- subbase + subsoil drain + gully conne	ct 40	24-Aug-13	12-Oct-13	Roadworks- subt
S4-208315	Roadworks - base course to friction course	30	14-Oct-13	16-Nov-13	
S4-208320	Roadworks - road marking + furnitures	18	29-Oct-13	18-Nov-13	
	ound Work- Ret. Wall, Noise B, Rd m Kam Railway Br. +Noise B.				
S4-19383020	Hack off existing slab	24	18-Jul-13 A	09-Aug-13 A	Hack off existing slab
S4-19383020 S4-19383030	Rebar fixing	24	06-Aug-13 A	05-Sep-13	Rebar fixing
S4-19383040	Preparation of CJ	20	20-Aug-13	11-Sep-13	Preparation of CJ
S4-19383050	Concrete casting	10	23-Aug-13	13-Sep-13	Concrete casting
S4-19383060	Remove of temp works and structure	3	10-Sep-13	13-Sep-13	Remove of temp works and structur
S4-193840	Road Works	20	13-Sep-13	09-Oct-13	Road Works
S4-193890	Lam Kam Railway Bridge Modification Completion	0		09-Oct-13	◆ Lam Kam Railway I
S4-193900	LKRB NB plinth at slow lane (besides W4A)	75	09-Oct-13	08-Jan-14	
Noise Barrier NB	16				
Noise Barrier Fou		07	47 Oct 40	00 Nov 40	
S4-513140	NB16 - (18,19) bay Remaining Wall Stem	37	17-Oct-13	28-Nov-13	
Retaining Wall W	/4A & NB13 & Slip Rd M 4A				
S4-03504A010	RW W4A, excav + base slab	178	12-Nov-12 A	14-Sep-13	RW W4A, excav + base slab
S4-03504A020	RW W4A, wall stem	163	07-Jan-13 A	16-Oct-13	RW W4A, wall
S4-03504A030	RW W4A, Backfill 97.6 lm	45	10-Jul-13 A	25-Oct-13	RW W4A
NB: CH500-1100,	Road&Drain+Utilities		1		
Road Drainage S4-031210	Road Drainage - pipelayinng + manhole	44	02-Jul-13 A	25-Oct-13	Road Dra
Firemain					
S4-031220	Firemain- excav, pipe install + pit/new hydrants	36	25-Jul-13 A	25-Oct-13	Firemain-
TCSS Works/Othe S4-031225	er Utilities Utilities + TCSS + CPW- SC 20/S20	36	17-Jul-13 A	25-Oct-13	
S4-031230	Power supply cable ducts	36	20-Jul-13 A	25-Oct-13	Power su
Road Lighting/ or					
S4-031250A	Public Lighting - cabling works	18	04-Oct-13	25-Oct-13	Public Lig
S4-031250	Public lighting - Lamp Pole + Lamps	24	26-Oct-13	22-Nov-13	
Roadworks		0		07 San 12	
A1020	NLKRB Wing Wall Complete	0		07-Sep-13	◆ NLKRB Wing Wall Complete
A1000	NB17 Backfilling complete	0		10-Sep-13	◆ NB17 Backfilling complete
A1030 A1010	NLKRB stitching at Lane 2 complete NB14 (bay1-8) backfilling work complete	0		13-Sep-13 13-Sep-13	 NLKRB stitching at Lane 2 complete NB14 (bay1+8) backfilling work com
	Road Re-construction for Lane 4 (fast Lane)	20	14 Sop 12	09-Oct-13	Road Re-construct
A1040 A1050	, , , , , , , , , , , , , , , , , , ,	0	14-Sep-13	09-Oct-13	◆ Stage 2 (Open Lan
A1050	Stage 2 (Open Lane 4 & Close Lane 2) Road Re-construction for Lane 3 (2nd middle lane		10-Oct-13	05-Nov-13	
A1000	Stage 3 (Open Lane 3 & Close Lane 1)	0	10-001-13	05-Nov-13	
A1070	Road Re-construction for Lane 2 (1st middle lane)		06-Nov-13	30-Nov-13	
			00-1100-13	30-1100-13	
	CH 2000: SECT. 4 WORKS				
Drainage CCTV					
			05 Cor 10	24 0-+ 42	
S4-0512790	Drainage CCTV	24	25-Sep-13	24-Oct-13	
S4-0512795	Drainage submit CCTV Report	18	10-Oct-13	31-Oct-13	
Watermain Press					
S4-0512800	FH + Watermain Pressure Test	24	18-Oct-13	14-Nov-13	
TCSS Works					
New Sign Gantry G21	Construction				
GS1880	Footing for SL	122	10-Jan-13 A	07-Sep-13	Footing for SL
GS1900	Erect Column SL/FL	4	24-May-13 A	20-Sep-13	Erect Column SL/FL
GS1910	Erect Gantry Beam	4	21-Sep-13	25-Sep-13	Erect Gantry Beam
G22 GS1960	Erect Column SL/FL	4	21-Jun-13 A	20-Sep-13	Erect Column SL/FL
			ontract: HY/20		
		Widening of To	olo Highway /	Fanling Highw	ay Three Months Rolling Programme
		Between Island	House Interch	ange and Fan	ling for the Period of 21 Aug 2013 to 20 Nov 2013
		(Stage 1 - Between Is			

Activity ID	Activity Name	Original	Start	Finish	Aug	ist .	20 Septem	13	Octob	or	November
GS1970	Erect Gantry Beam	Durat	21-Sep-13	21-Sep-13	21 28 04 11			5 22 29		20 27	
G61											
GS2080	Erect Column SL/FL	4	05-Aug-13 A	10-Aug-13 A	Ere	ect Colun	in SL/FL				
GS2090	Erect Gantry Beam	1	14-Sep-13*	14-Sep-13			I E	rect Gan	iry Beam		
G62 GS2135	Erect Column SL/FL	4	13-Aug-13 A	23-Aug-13		Ere	ct Column S	SL/FL			
GS2140	Erect Gantry Beam	4	23-Sep-13	26-Sep-13				🗖 Ere	ect Gantry	Beam	
TCSS E&M Work	s & Handover		-								
S4-0512765	Cabling works for Utilities/TCSS/Lighting	24	17-Sep-13	17-Oct-13	_					Cablin	g works for L
S4-0512780	T&C - power supply system to TCSS/Lighting	36	24-Sep-13	06-Nov-13							T&C -
S4-0512785	Handover to TCSS Contractor	0		06-Nov-13	_						♦ Hando
	ound Work- Ret. Wall, Noise B, Rd										
Fill Slope S13 an											
Fill Slope S13 S4-031130C	Fill Slope S13- u channels	363	12-Mar-12 A	24-Sep-13				E Fills	Slope S13	3- u chai	nnels
S4-031130D	Fill Slope S13- metal works + hand rails etc.	236	15-Aug-12 A	24-Sep-13						1 1	works + har
Stage 2 - Slip Rd	L, Ret. Wall W11, W12										
Slip Rd P S4-208231	Slip Rd P- road reconstruction, Stage 2	265	13-Jul-12 A	28-Sep-13						rood roo	onstruction,
	0, L=410m, Road&Drain+Utilities	203	13-JUI-12 A	20-3ep-13				S		loadired	
Road Lighting/ or	High Mast	1									
S4-050785A	Public Lighting - cabling works	290	20-Jun-12 A	18-Sep-13					ighting -		
S4-050785B	Public Lighting - power supply connection & test	18	29-Aug-13	18-Sep-13				Public L	ighting -	power s	upply conne
Roadworks S4-0507845	Roadworks - base course to friction course	219	31-Aug-12 A	13-Sep-13			R	oadworks	- base c	ourse to	friction cour
S4-0507850	Roadworks - road marking + furnitures	244	31-Aug-12 A	30-Sep-13					Roadworl	<s -="" road<="" td=""><td>l marking + f</td></s>	l marking + f
S4-0507865	Complete (divert SB traffic to RW10, B11A, RW8 area)	0	02-Oct-13					•	Complet	e (divert	SB traffic to
Stage 3: Central	Median - Ret. Wall, Noise B, Rd										
	0, L=410m, Road&Drain+Utilities										
TCSS Works/Othe S4-0512710	Power supply cable ducts	91	20-Feb-13 A	14-Sep-13			P	ower sup	ply cable	ducts	
Road Lighting/ or	-										
S4-051273A	Public Lighting - cabling works	91	20-Feb-13 A	30-Sep-13				i i		1	abling work
S4-0512730	Public lighting - Lamp Pole + Lamps	23	06-Aug-13 A	30-Sep-13							amp Pole + I
S4-051273B	Public Lighting - power supply connection & test	12	16-Sep-13	30-Sep-13					Public Lig	hting - p	ower supply
Roadworks S4-0512720	Roadworks - base course to friction course	106	18-Feb-13 A	30-Sep-13					Roadworl	<s -="" base<="" td=""><td>e course to f</td></s>	e course to f
S4-0512725	Roadworks - road marking + furnitures	18	25-Sep-13	17-Oct-13						Roadw	orks - road r
S4-0512740	Road Works completed	0	17-Oct-13						•	Road V	Vorks compl
	uctural Steel & Panels	400		00.0-140							
S4-208200 W20A + Slope S2	NB20 & NB23 NB Panels	160	15-Dec-12 A	03-Oct-13		1			NB2U &	INBZ3 N	BPanels
Cut Slope S20A											
S4-03120AA	Cut Slope S20A - excavation	24	30-Sep-13	29-Oct-13							Cut Slope S
S4-03120AB	Cut Slope S20A - drainage/channels	10	30-Oct-13	09-Nov-13							Cut :
Retaining Wall W2 S4-03520BA	20A Ret. Wall W20A temp works + excav	59	18-Mar-13 A	15-Aug-13 A		Ret. Wal	IW20A tem	p works -	-excav		
S4-03520BB	Ret. Wall W20A wall stem + backfil+Roadworks	60	01-Aug-13 A	28-Sep-13		-				V20A wa	all stem + ba
Stage 2: Northbo	ound Work- Ret. Wall, Noise B, Rd										
Modification of E	xisting Bridge No. 10 + Noise B										
Bridge Roadwork S4-194887	ts & Furnitures Modify Coping (2nd half to west end)	90	20-May-13 A	09-Oct-13					- Moc	lify Copi	ng (2nd half
S4-194870	Modify Coping (1st half from east end)-after W20A comple	ete 80	30-Sep-13	04-Jan-14							
Modification of E	xisting Bridge No.11 + Noise B										
Bridge Roadwork S4-195890	s & Furnitures MJ & Road Surfacing	93	25-Jan-13 A	22-Aug-13			& Road Sur	facing			
S4-195845	Remove Road Surface & Preparation work	25	03-Jun-13 A	15-Aug-13 A			Road Surfa		paration	vork	
S4-195850	Stitching Beam & Decking	76	16-Aug-13 A	30-Oct-13							Stitching B
S4-195895	Road Surfacing & Furnitures after stitching	12	31-Oct-13	13-Nov-13							
S4-195910	Install Noise barrier panel	7	31-Oct-13	07-Nov-13							Install
S4-195900	Bridge No. 11 Modification Completion	0		13-Nov-13							♦ Br
	after Road opening										
							_	+	_		
		C	ontract: HY/20	08/09							
		Widening of To	olo Highway / I	Fanling Highwa	ау		Three Mc	onths R	olling P	rogran	nme
		Between Island	House Interch	ange and Fanl	ling	fo	r the Perio	d of 21 A	ug 2013	to 20 No	ov 2013
	Lefted Les Led (St	age 1 - Between Is	land House In	terchange and	l Ma Wo)						

ivity ID	Activity Name	Original	Start	Finish			Augu	<u>.</u>	Sont	2013 ember		Octob		Nev	ve mbe
<u>S4 1058 211</u>	Crossing works (Dep ding for)/O of Delation)	Durat	14 Nov 12	24 Jap 14	21 2	8 04		18 25		15 22					
S4-1958211	Greening works (Pending for VO of Deletion)	60	14-Nov-13	24-Jan-14											
Noise Barrier NB	9, & Noise Barrier NB19, NB22 19														
S4-203190B	NB19 footings, 1-21 bays - temp work + excav+footing +wall stem	231	20-Sep-12 A	20-Aug-13 A				NB1	footings	, 1-21 ba	ys - ter	np wo	vrk + e>	cav+f	ootin
S4-203190	NB19, 22-31 bays Footing + Wall stem [Pile cap, Plinth DELETED]	189	12-Nov-12 A	30-Sep-13							NB1	9, 22	-31 ba	/s Foc	ting -
S4-207190A	NB19 Structural Steel, 21 bays	24	05-Oct-13	02-Nov-13										N 📮	IB 19 S
S4-208190A	NB19 NB Panels, 21 bays	18	04-Nov-13	23-Nov-13											<u>–</u>
S4-207190	NB19 Structural Steel, 10 bays	24	16-Nov-13	13-Dec-13											Ţ
Noise Barrier NB								_							
S4-207220	NB22 Structural Steel	24	28-Aug-13	25-Sep-13							NB22 S				
S4-208220	NB22 NB Panels	24	14-Sep-13	15-Oct-13									NB22	NB Pa	nels
Fill Slope S9 S4-031095A	Fill Slope S9- backfilling	24	16-Sep-13	16-Oct-13									Fill Slo	ope S	; 9+ bar
S4-031095B	Fill Slope S9 - drainage	12	09-Oct-13	23-Oct-13								1		il Slop	1
	0, L=410m, Road&Drain+Utilities											1			
Road Drainage		1													
S4-0512620	Road Drainage - pipelayinng + manhole	48	01-Aug-13 A	17-Oct-13									Road	Drain	age -
Firemain S4-0512630	Firemain- excav, pipe install+pit/new hydrants	24	17-Sep-13	17-Oct-13	-								Firem	ain- o	
					-							1			
S4-0512632	Fire Hydrant Relocation - 3769	24	17-Sep-13	17-Oct-13									Fire	iyuran	. Rel
TCSS Works/Oth S4-0512627	er Utlities TCSS High mast M7/S117 - footing	24	17-Sep-13	17-Oct-13									тс\$	6 High	mas
S4-0512635	Utilities +TCSS buried ducts + civil prov. works	24	17-Sep-13	17-Oct-13								;		es +TC	
S4-0512640	Power supply cable ducts	24	17-Sep-13	17-Oct-13										rsupp	
S4-0512623	Civil prov. works (CPW)- TCSS Pillar Box D	18	25-Sep-13	17-Oct-13							1	-	Civlp		í.
Road Lighting/ or															-
S4-051266A	Public Lighting - cabling works	18	20-Aug-13	09-Sep-13				-	F	ublic Lig	nting -	cablin	ig work	s	
S4-0512660	Public lighting - Lamp Pole + Lamps	24	17-Sep-13	17-Oct-13								_	Publi	c lighti	ng -
S4-051266B	Public Lighting - power supply connection & test	12	18-Oct-13	31-Oct-13										Pu	ıb¦lic l
Roadworks												 			
S4-0512645	Roadworks +Slip Road N- Resurfacing	26	18-Oct-13	16-Nov-13								1			-
S4-0512655	Roadworks +Slip Road N- road marking + furnitures	6	18-Nov-13	23-Nov-13											
Cut Slope S17 S2-031170	V24 to W28 & Slope S17 Slope S17 (SB) (after 29A & W29B part)	45	03-Jun-13 A	30-Sep-13							Slop	be S1	7 (SB)	(after	29A
	n, Ch 2000-2200, L=200m											1			
TCSS Works/Oth S2-031290	er Utilities Utilities +TCSS buried ducts + civil prov. works	277	25-Jul-12 A	14-Sep-13						Utilities	+TCS	Sburi	ed duc	:ts + ci	vilp
S2-031295	Power supply cable ducts	277	25-Jul-12 A	14-Sep-13		1				Power	supply	cable	ducts		
Cut Slope S14															
-															
S2-031140E10	Slope S14 - Soil nail & remaining drainage work	61	10-Jun-13 A	30-Sep-13		-			i		Slop	pe S1	4 - Soi	nail 8	ren
	bound- S15-S19, RW31-33, Rd/Dr														
Retaining Wall W	V30, W31, W32(Piled), W33 /31,32, 33														-
S2-035325C10	RW W31,W32,33 - wall stem + backfill (5 months)	161	18-Mar-13 A	15-Oct-13									RW W	31,W3	32,3
S2-GCL026	Southbound Stage 7A - GCL's earliest interfacing work completion date	0		16-Sep-13*						South	bound	Stage	7A - C	GCL's	əarli
	bound- S17, RW 29-34, NB27-29														
Noise Barrier NB															
Noise Barrier NB S2-035350	29 NB29 NB Panels	7	16-Sep-13	24-Sep-13						، 📫	1B29 N	BPa	nels		
Retaining Wall, V	W29 & NB27(@W29)														
Retaining Wall W	29A														
S2-03529AB	RW W29A facing panel structure (bay 1)	30	20-Aug-13	24-Sep-13							RW W2	29A fa	a cing p	anels	truc
SB: CH2200-240 Road Drainage	0, L=200m, Road&Drain+Utilities											1 1 1 1			
S2-031250	W29A bay 1 road drainage after GCL TTA stage 6A	14	25-Sep-13	12-Oct-13							1	v	29A ba	ay 1 ro	uad o
TCSS Works/Oth												1			
S2-031287	TCSS S160 (VDS) - footing	23	14-Sep-13*	14-Oct-13								· 	rcss	6160 (VDS
Roadworks	W/20A bay 1 road work after GCL TTA store 64	11	11_0ot 12	20-0at 12										Ma	0 Å h
S2-031255	W29A bay 1 road work after GCL TTA stage 6A	14	14-Oct-13	29-Oct-13										W29	
S2-031265	Remaining roadwork to final pavement level after GCL TTA stage 6A	6	30-Oct-13	05-Nov-13											Ren
		С	ontract: HY/20	08/09											
	Midor Widow	ning of Te	olo Highway / F	anling Highw	īv				TL	M = 1'	. D - I'''	n			
		-			-					Months		•	•		
	Betwee	en Island	House Interch	ange and Fanl	ing			f	or the Pe	riod of 2	1 Aug	2013	to 20 I	Nov 20)13

vity ID	Activity Name	Original Durat	Start	Finish		August	2013 September	October Novemb
		Durutiii			21 28 04		<mark>5 01 08 15 22</mark>	
	al Median- NB26, NB29 +Road&Drain B28 L=400m & Road&Drain+Utilities							
	Szo L=40011 & Rodu&Drain+Outries							
S2-208300	NB26 NB Structural Steel	7	08-Jul-13 A	03-Oct-13				NB26 NB Structural Stee
S2-208310	NB26 NB Panels	12	04-Oct-13	18-Oct-13				NB26 NB Pane
S2-208395	Implement TTA- divert traffic to new SB, NB & CM	0	22-Oct-13					Implement T
Stage 2B: Nort	hbound- NB25							
Noise Barrier N								
S4-203250	NB25 NB Footing and plinth, 3 & 4 mW x 60mL	118	01-Feb-13 A	31-Aug-13			NB25 NB Footin	g and plinth, 3 & 4 mW x 60ı
S4-207250	NB25 Structural Steel	3	16-Oct-13	18-Oct-13				NB25 Structure
S4-208250	NB25 NB Panels	3	19-Oct-13	22-Oct-13				🗖 NB25 NB Pa
TCSS Works								
	try Construction							
GS2020	Erect Column SL/FL	4	14-Sep-13*	18-Sep-13			Erect	Column SL/FL
GS2030	Erect Gantry Beam	1	20-Sep-13	20-Sep-13	-			t Gantry Beam
	rks & Handover		20 000 10	20 000 10				
S2-208420	Lighting & T&C	24	21-Sep-13	21-Oct-13				Lighting & T
S2-208450	T&C - power supply system to TCSS	24	21-Sep-13	21-Oct-13				T&C - power
S2-208425	Handover to TCSS Contractor	0		21-Oct-13				Handover to
	PORTION SA11: SECT. 4 WORKS							
TCSS Works								
	ry Construction							
G12				1				
GS1600	Erect Gantry Beam	7	20-Aug-13*	27-Aug-13			Erect Gantry Beam	
GS1645	ite Boundary) Shifting of traffic lane	26	20 Aug 12	18-Sep-13	-		Chiffi	ng of traffic lane
	-		20-Aug-13					
GS1650	Footing for FL	52	20-Sep-13	21-Nov-13				
G65 GS2300	Erection of gantry column (SL/FL)	52	20-Aug-13	22-Oct-13	-			Erection of g
GS2320	Erect Gantry Beam	4	23-Oct-13	26-Oct-13	-			Erect Gar
		-	25-001-15	20-001-10				
G16	Santry Modification							
GS2490	Carry out Sign Gantry modification (LCS, TCSS etc)	52	25-Jul-13 A	30-Sep-13				Carry out Sign Gantry mo
G17								
GS2570	Carry out Sign Gantry modification (LCS, TCSS etc)	52	25-Jul-13 A	30-Sep-13				Carry out Sign Gantry mo
	al Modification Works of Sign Gantries)				_			
GS2730	Carry out Sign Gantry modification (LCS, TCSS etc)	43	02-Oct-13	21-Nov-13				
	Carry out Sign Gantry modification (LCS, TCSS etc)	52	18-Jun-13 A	05-Nov-13				Ça
G70		02						
GS2970	Carry out Sign Gantry modification (LCS, TCSS etc)	52	18-Jun-13 A	05-Nov-13				Ça
VO214, 223, 22	7 - Ground Works & Ducts Works for TCSS (Outside Site Bound	darv)						
	e site Boundary- Install UPVC Ducts for TCSS Works-Road Side Work			1				
GS3570	Road Side Works - SK1258 - G66	20	01-May-13 A	26-Aug-13			Road Side Works -	SK1258 - G66
GS3490	Road Side Works - SK1252, SK1253 - G11 LHS (Case 113/111-112)	26	20-Aug-13	18-Sep-13			Road	Side Works - SK1252, SK1
GS3530	Cycle Track G73 - G74 Sk1253	26	20-Sep-13	22-Oct-13	1			Cycle Track
	e site Boundary- Install UPVC Ducts for TCSS Works-Cross Road Work	rk		1				
GS3610	(Pending for VO for cancellation)Cross Road Ducts - SK1253 - P12 LHS	30	20-Aug-13	24-Sep-13			(F	ending for VO for cancellat
GS3620	(Pending for VO for cancellation)Cross Road Ducts - SK1253 - P12 RHS (Case 113/111-112)	30	25-Sep-13	31-Oct-13	1			(Pend
GS3630	(Pending for VO for cancellation)Cross Road Ducts - SK1256 - P59	30	01-Nov-13	05-Dec-13	1			
SI-40 - 7 Nos of	LHS (Case 113/301) Trial Pits for P11, P12, S107 and P59	[<u> </u>				
	Trial Pils for P11, P12, S107 and P59	30	20-Aug-13	24-Sep-13	1 . [i .	i	i	ial Pils for P11, P12, S107 a

Contract: HY/2008/09	
Widening of Tolo Highway / Fanling Highway	Three Months Rolling Programme
Between Island House Interchange and Fanling	for the Period of 21 Aug 2013 to 20 Nov 2013
(Stage 1 - Between Island House Interchange and Ma Wo)	

	1	·	•	•					
tivity ID:	Activity Name	Total Float	Activity % Complete	Original Start Duration	Finish		2013 Q3	Q4	2014 Q1
						41 42	43 44 45	46 47 48	
HY/2009/0	08 TOLO HIGHWAY WIDENING, Exter	rnal July [20 ⁻	130726 C	RE submission]				
EXECUT	IVE SUMMARY								
Design									
A1330	Alternative Design		100%	292 29-Mar-10 A	14-Jan-11 A				
Construct	tion				/				
Section 1									
A1000	SA21 - North Bound	-69	93.34%	959 15-Oct-10 A	27-Sep-13		SA21 - Nor	th Bound	
A1010	SA21 - South Bound	-75	91.4%	814 15-Oct-10 A	03-Oct-13		SA21 - S	South Bound	
A1020	SA21 - Middle Lane	-120	58.09%	275 08-May-12 A	18-Nov-13			SA21 - Middle Lane	
Section 2									
A1030	SA22 - North Bound	-6	90.92%	1016 26-Feb-10 A	26-Oct-13			SA22 - North Bound	
A1040	SA22 - South Bound	-73	84.67%	1037 01-Apr-10 A	31-Dec-13			SA22	- South Bound
A1060	SA23 - South Bound	-47	65.75%	388 28-Dec-11 A	05-Dec-13			SA23 - South Bo	und
A1070	SA24 - North Bound	-47	83.1%	787 25-Aug-10 A	05-Dec-13			SA24 - North Bou	ind
A1080	SA25 - South Bound	-41	87.77%	777 20-Oct-10 A	28-Oct-13			SA25 - South Bound	
A1090	SA26 - North Bound	-73	86.92%	1216 26-Feb-10 A	31-Dec-13	· · · · · · · · · · · · · · · · · · ·			- North Bound
A1100	SA26 - South Bound	-57	88.22%	1216 26-Feb-10 A	16-Dec-13			SA26 - Sout	h Bound
Section 3									
A1110	SA26A - North Bound	-22	86.8%	1191 26-Feb-10 A	30-Dec-13			SA264	A - North Bound
A1120	SA26A - South Bound	40	89.19%	879 26-Feb-10 A	28-Oct-13			SA26A - South Bound	
A1130	SA26A - North & South Bound	17	99.35%	612 26-Feb-11 A	29-Jul-13		SA26A - North & South Bound		
A1140	SA27 - South Bound	17	85.71%	826 27-Mar-10 A	20-Nov-13			SA27 - South Bound	
Section 4									
A1150	SA28 - North Bound	-12	85.49%	1216 26-Feb-10 A	18-Jan-14				SA28 - North Bound
A1160	SA28 - South Bound	-7	84.35%	1099 23-Jun-10 A	13-Jan-14				SA28 - South Bound
A1170	SA29 - North Bound	-7	81.06%	909 26-Jan-11 A	14-Jan-14				SA29 - North Bound
A1180	SA32 - Roadside FVMS		100%	265 26-Mar-11 A	15-Dec-11 A				
Section 5	5								
A1190	SA31 - South Bound		100%	884 26-Feb-10 A	28-Mar-13 A				
Section 7	, ,								
A1200	SA41 - Site Office	-327	58.07%	1581 26-Feb-10 A	19-May-15				
A1210	SA42 - Temporary Contractor's Works Area	0	78.82%	1582 25-Feb-10 A	25-Jun-14				
Section 1	7 (Subject to Excision, Engineer may instrue	ct within 819 d	ays)						
A1300	Validity Period	319	97.9%	819 25-Feb-10 A	12-Aug-13		Validity Period		
A1310	SA28 - North Bound	318	47.65%	34 24-May-12 A	12-Aug-13		SA28 - North Bound		
A1320	SA30A - North Bound	318	88.52%	155 14-May-12 A	12-Aug-13		SA30A - North Bound		
KEY DAT	ES/ MILESTONES								
Portion Ha	andover Dates								
	(Site Area SA21)								
									;;
	PDATE 2013JUL-2 Current Bar 009/08 TOLO HIGHWAY		Highways	s Department - Cor	ntract No. HY/20	009/08		UV Date Revi	VP Revision sion Checked Approv
IDENING	Level of Effort		\\/: a! = !	na of Tele Links				26-Jul-13 UWP July. 201	3 WY JC
int Date:07-Aug-13 ata Date: 26-Jul-13				ng of Tolo Highway					
ge 1 of 45	♦ ♦ Milestone		Stag	e 1 - Between Ma V		iy			
			Updat	ed Works Program	nme, 26 July 20	13			
			•	U *					

	2						
Activity ID	Activity Name	Total	Activity %	Original Start	Finish	2013	2014
		Float	Complete	Duration		Q3 Q4 41 42 43 44 45 46 47 48	Q1 49 50
PHSA2100	Possession of SA21 (Day365)		100%	0 16-Jul-10 A			
Section 3	(Site Area SA26A and SA 27)						
PHSA26A0	Possession of SA26A (Day0)		100%	0 26-Feb-10 A			
PHSA2700	Possession of SA27 (Day 90)		100%	0 26-Mar-10 A			
Section 2	(Site Area SA22, SA23, SA24, SA25 and SA26)						
PHSA2200	Possession of SA22 (Day0)		100%	0 26-Feb-10 A			
PHSA2300	Possession of SA23 (Day180)		100%	0 04-May-10 A			·
PHSA2400	Possession of SA24 (Day180)		100%	0 04-May-10 A			
PHSA2500	Possession of SA25 (Day270)		100%	0 04-May-10 A			
PHSA2600	Possession of SA26 (Day0)		100%	0 26-Feb-10 A			
Section 4	(Site Area SA28, SA29 and SA32)						
PHSA2800	Possession of SA28 (Day0)		100%	0 26-Feb-10 A			
PHSA2900	Possession of SA29 (Day270)		100%	0 27-Jul-10 A			
PHSA3200	Possession of SA32 (Day365)		100%	0 25-Feb-11 A			
Section 5	(Site Area SA31)						
PHSA3100	Possession of SA31 (Day0)		100%	0 26-Feb-10 A			
Section 7	(All Works Except Works Included in Other Se	ctions)					
PHSA4100	Possession of SA41 (Day0)		100%	0 26-Feb-10 A			
PHSA4200	Possession of SA42 (Day0)		100%	0 26-Feb-10 A			
PHSA4300	Possession of SA43 (Day90)		100%	0 04-May-10 A			
	(Estiblishment Works in Site Area SA21)						
PHSA2110	Possession of SA21 (Day1217)	-29	0%	0 26-Jul-13		Possession of SA21 (Day1217)	
	(Estiblishment Works in Site Area SA22, SA23						
PHSA2210	Possession of SA22 (Day1217)	-29	25 and 57 0%	0 26-Jul-13		Possession of SA22 (Day1217)	
PHSA2310	Possession of SA23 (Day1217)	-29	0%	0 26-Jul-13		Possession of SA23 (Day1217)	1
PHSA2420	Possession of SA24 (Day1217)	-29	0%	0 26-Jul-13		Possession of SA24 (Day1217)	
PHSA2510	Possession of SA25 (Day1217)	-29	0%	0 26-Jul-13		Possession of SA25 (Day1217)	
PHSA2610	Possession of SA26 (Day1217)	-29	0%	0 26-Jul-13		♦ Possession of SA26 (Day1217)	
	0 (Estiblishment Works in Site Area SA26A and		070				1 1 1
PHSA26A1	Possession of SA26A (Day1217)	-29	0%	0 26-Jul-13		Possession of SA26A (Day1217)	
PHSA20A1	Possession of SA27 (Day1217) Possession of SA27 (Day1217)	-29	0%	0 26-Jul-13		Possession of SA26A (Day 1217) Possession of SA27 (Day 1217)	
			0 /0	0 20-301-13			
	1 (Estiblishment Works in Site Area SA28 and a	· · · · ·	00/				
PHSA2810	Possession of SA28 (Day1217)	-29	0%	0 26-Jul-13		Possession of SA28 (Day1217)	
PHSA2910	Possession of SA29 (Day1217)	-29	0%	0 26-Jul-13		Possession of SA29 (Day1217)	
	2 (Estiblishment Works in Site Area SA30 and						
PHSA3000	Possession of SA30 (Day1217)	-29	0%	0 26-Jul-13		Possession of SA30 (Day1217)	
PHSA30A0	Possession of SA30A (Day1217)	-29	0%	0 26-Jul-13		Possession of SA30A (Day1217)	
	3 (Remainder of Estiblishment Works)						
PHSA3110	Possession of SA31 (Day1217)	-26	0%	0 26-Jul-13*		Possession of SA31 (Day1217)	
PHSA3220	Possession of SA32 (Day1217)	-26	0%	0 26-Jul-13*		Possession of SA32 (Day1217)	
PHSA4120	Possession of SA41 (Day1217)	-26	0%	0 26-Jul-13*		Possession of SA41 (Day1217)	
PHSA4220	Possession of SA42 (Day1217)	-26	0%	0 26-Jul-13*		Possession of SA42 (Day1217)	
PHSA4330	Possession of SA43 (Day1217)	-26	0%	0 26-Jul-13*		Possession of SA43 (Day1217)	
	4 Comprises Routine Maintenance of Road Ne	twork in Sit	e Area S				
PHSA2130	Possession of SA21 for Routine Maintenance (Day365)		100%	0 16-Jul-10 A			
PHSA2230	Possession of SA22 for Routine Maintenance (Day0)		100%	0 26-Feb-10 A			

	3													
Activity ID	Activity Name	Total	Activity %	Original Start	Finish			02	2013	01			2014	
		Float	Complete	Duration		41	42	Q3 43	44	Q4 45 46	47	48	Q1 49	50
PHSA2330	Possession of SA23 for Routine Maintenance (Day180)		100%	0 04-May-10 A							1		† 	1 1 1
PHSA2430	Possession of SA24 for Routine Maintenance (Day180)		100%	0 04-May-10 A										
PHSA2530	Possession of SA25 for Routine Maintenance (Day270)		100%	0 04-May-10 A										
PHSA2630	Possession of SA26 for Routine Maintenance (Day0)		100%	0 26-Feb-10 A										
PHSA26A3	Possession of SA26A for Routine Maintenance (Day0)		100%	0 26-Feb-10 A										1
PHSA2730	Possession of SA27 for Routine Maintenance (Day90)		100%	0 26-Mar-10 A									 	
PHSA2830	Possession of SA28 for Routine Maintenance (Day0)		100%	0 26-Feb-10 A									1 1 1	1
PHSA2930	Possession of SA29 for Routine Maintenance (Day270)		100%	0 27-Jul-10 A										1
PHSA3060	Possession of SA30 for Routine Maintenance (Day0)		100%	0 26-Feb-10 A										
PHSA30A4	Possession of SA30A for Routine Maintenance (Day180)		100%	0 27-Jul-10 A										
PHSA3130	Possession of SA31 for Routine Maintenance		100%	0 26-Feb-10 A							+			
Section 1	7 (Subject to Excision and Instruct by Engineer with	nin 819	9 davs)											
PHSA3030	Earliest Date to Possession of SA30		100%	0 26-Feb-10 A										
PHSA30A3	Earliest Date to Possession of SA30A		100%	0 27-Jul-10 A		_								
	(include EOT GCL submitted and awarded upto Ma	r 2012												
HDS01000	KD1: Completion of Section 1 - (Day1216)	-120	5) 0%	0	18-Nov-13*						1. Completi-	h of Section 1	(David 216)	, , ,
				0							1	1		1
HDS02000	KD2: Completion of Section 2 - (Day1216)	-72	0%		31-Dec-13*							KD2: Comp	1	
HDS03000	KD3: Completion of Section 3 - (Day1216)	-22	0%	0	30-Dec-13*							KD3: Comp	i	
HDS04000	KD4: Completion of Section 4 - (Day1216) - Overall Completion of Works	-12	0%	0	18-Jan-14*							1	4: Completior	1
HDS04100	KD4: Completion of Section 4 - (Day1216) - Substantial Completion for Ro	5	0%	0	31-Dec-13*					, , , , , , , , , , , , , , , , , , ,		♦ KD4: Comp	letion of Sec	tion 4 - (Da
HDS05000	KD5: Completion of Section 5 - (Day884)		100%	0	28-Mar-13 A	ion 5 - (Day88	4)						1 1 1	
HDS07000	KD7: Completion of Section 7 - (Day1581)	0	0%	0	25-Jun-14*									1
HDS08000	KD8: Completion of Section 8 - (Day1581)	0	0%	0	25-Jun-14*									
HDS09000	KD9: Completion of Section 9 - (Day1581)	0	0%	0	25-Jun-14*									
HDS10000	KD10: Completion of Section 10 - (Day1581)	0	0%	0	25-Jun-14*									
HDS11000	KD11: Completion of Section 11 - (Day1581)	0	0%	0	25-Jun-14*									
HDS12000	KD12: Completion of Section 12 - (Day1581)	0	0%	0	25-Jun-14*									
HDS13000	KD13: Completion of Section 13 - (Day1581)	0	0%	0	25-Jun-14*									1
HDS14000	KD14: Completion of Section 14 - (Day1581)	0	0%	0	25-Jun-14*									1 1 1
HDS17000	KD17: Latest Date to Compl of Section 17 - (Day397) Subject to Excision	-27	0%	0	12-Aug-13*			♦ KD17	:Latest Date	o Compl of Section 17 - (D	ay397) Subje	ct to Excision	 	
DESIGN	SUBMISSION							1						, , ,
Alternative														
	<u> </u>												1 1	
	nvestigation & Reporting		40000										1 1 1	
AD000010	Ground Investigation for Alternative Design		100%	54 22-Mar-10 A	29-May-10 A								1	1
AD000020	Report of Ground Investigation		100%	56 12-Apr-10 A	18-Jun-10 A					¦	¦	¦	<u> </u>	
	AD1: W56B												1 1 1	1 1 1
AD000110	AD1 - Design Period		100%	80 29-Mar-10 A	08-Jul-10 A									
AD000120	AD1 - Full Package to ICE for Certification		100%	20 09-Jul-10 A	31-Jul-10 A									1
AD000130	AD1 - Approval by ER/CLIENT/CEDD (GEO)		100%	101 09-Jul-10 A	06-Nov-10 A								1	1
Package /	AD2: W57B													
AD000210	AD2 - Design Period		100%	72 14-Apr-10 A	10-Jul-10 A									
AD000220	AD2 - Full Package to ICE for Certification		100%	44 12-Jul-10 A	31-Aug-10 A								 	
AD000230	AD2 - Approval by ER/CLIENT/CEDD (GEO)	_	100%	172 26-Nov-10 A	26-Apr-11 A									
Package /	AD3: W69		, j											
AD000310	AD3 - Design Period		100%	75 03-May-10 A	31-Jul-10 A								1 1 1	
AD000320	AD3 - Full Package to ICE for Certification		100%	57 02-Aug-10 A	08-Oct-10 A					· · · · · · · · · · · · · · · · · · ·		 -	 	
,12000020			10070				1				1		1	1

Activity ID		<u> </u>	•											
-	Activity Name	TotalActivity %FloatComplete	Original Start Duration	Finish			Q3	2013		Q4			2014 Q1	
4.0000000					41	42	43	44	45	46	47	48	49	50
AD000330	AD3 - Approval by ER/CLIENT/CEDD (GEO)	100%	100 02-Aug-10 A	29-Nov-10 A										1 1 1
Package A												1		
AD000410	AD4 - Design Period	100%	78 09-Jun-10 A	09-Sep-10 A							 			1 1 1
AD000420	AD4 - Full Package to ICE for Certification	100%	18 10-Sep-10 A	09-Nov-10 A			 		 	 +	 +	 	 	
AD000430	AD4 - Approval by ER/CLIENT/CEDD (GEO)	100%	54 11-Nov-10 A	15-Jan-11 A								1		1
Package A	AD5 (Noise Barrier Foundation): NB38, NB39, NB41	& NB43												1 1 1
AD000510	AD5 - Design Period	100%	98 21-Jul-10 A	22-Oct-10 A										
AD000520	AD5 - Full Package to ICE for Certification	100%	51 23-Oct-10 A	22-Dec-10 A										1 1 1
AD000530	AD5 - Approval by ER/CLIENT/CEDD (GEO)	100%	74 18-Oct-10 A	14-Jan-11 A										1 1 1
MATERIA	LS PROCUREMENT								 			1		r
	erials (Detail shall refer to supplementary informati	on)												, , , ,
Water Wo		011)										1		
MA001010	Place Order	100%	0 31-Aug-10 A											1 1 1
MA001010 MA001030	Fabrication, Manufacturing & Delivery	100%		21 Aug 12 A	_									1 1 1
		100%	900 31-Aug-10 A	31-Aug-12 A			 		 	1 1 1 1 1	1 1 1 1 1		 	
	Parapet SSD161													1
MA001050	Place Order	100%	0 26-May-11 A											1 1 1
MA001060	Fabrication, Manufacturing & Delivery	100%	350 26-May-11 A	24-Aug-12 A										, , , ,
Bearing												1		1 1 1
MA001070	Place Order	100%	0 31-Jul-10 A]					1			, , ,
MA001080	Fabrication, Manufacturing & Delivery	100%	630 31-Jul-10 A	05-Aug-12 A								1 1 1		1 1 1
Movement	t Joint													1
MA001090	Place Order	100%	0 31-Aug-10 A											1 1 1
MA001100	Fabrication, Manufacturing & Delivery	100%				;			i					
		100 /8	620 31-Aug-10 A	31-Aug-12 A						1		1		1
CONSTRU		100 %	620 31-Aug-10 A	31-Aug-12 A										1 1 1 1 1 1
	UCTION PHASE		620 31-Aug-10 A	31-Aug-12 A										
Preliminari	UCTION PHASE ies & General Requirement	10078	620 31-Aug-10 A	31-Aug-12 A										
Preliminari Preliminar	UCTION PHASE ries & General Requirement ries		620 31-Aug-10 A	31-Aug-12 A										
Preliminari Preliminar General S	UCTION PHASE ries & General Requirement ries Submissions			31-Aug-12 A										
Preliminari Preliminar General S PR000000	UCTION PHASE ries & General Requirement ries Submissions Commencement of Works	100%	0 26-Feb-10 A											
Preliminari Preliminari General S PR000000 PR001000	UCTION PHASE ries & General Requirement ries Submissions Commencement of Works Site Establishment	100%	0 26-Feb-10 A 90 26-Feb-10 A	31-Aug-12 A				-						
Preliminari Preliminari General S PR000000 PR001000 PR001010	UCTION PHASE ries & General Requirement ries Submissions Commencement of Works Site Establishment Effect required Insurances	100% 100% 100%	0 26-Feb-10 A 90 26-Feb-10 A 0 26-Feb-10 A	25-May-10 A										
Preliminari Preliminari General S PR000000 PR001000 PR001010 PR001030	UCTION PHASE ries & General Requirement ries Submissions Commencement of Works Site Establishment Effect required Insurances Erect Contractor's Office Compound	100% 100% 100% 100%	0 26-Feb-10 A 90 26-Feb-10 A 0 26-Feb-10 A 69 26-Feb-10 A	25-May-10 A 04-May-10 A		-								
Preliminari Preliminari General S PR000000 PR001000 PR001010 PR001030 PR001040	UCTION PHASE ries & General Requirement ries Submissions Commencement of Works Site Establishment Effect required Insurances Erect Contractor's Office Compound Submit SIte Organization Chart	100% 100% 100% 100% 100%	0 26-Feb-10 A 90 26-Feb-10 A 0 26-Feb-10 A 26-Feb-10 A 26-Feb-10 A 14 26-Feb-10 A	25-May-10 A 04-May-10 A 10-Mar-10 A		-								
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Preliminari Preliminari General S PR000000 PR001000 PR001010 PR001030 PR001040 PR001050 PR001060	UCTION PHASE ries & General Requirement ries Submissions Commencement of Works Site Establishment Effect required Insurances Erect Contractor's Office Compound Submit Site Organization Chart Submit Site Layout Plan Prepare/Submit Initial Works Programme	100% 100% 100% 100% 100% 100% 100%	 26-Feb-10 A 	25-May-10 A 04-May-10 A 10-Mar-10 A 03-Mar-10 A 03-Mar-10 A		-								
Preliminari Preliminari General S PR000000 PR001000 PR001010 PR001030 PR001040 PR001050 PR001060 PR001070	UCTION PHASE ties & General Requirement ries Submissions Commencement of Works Site Establishment Effect required Insurances Erect Contractor's Office Compound Submit Site Organization Chart Submit Site Layout Plan Prepare/Submit Initial Works Programme Approval on Initial Works Programme	 100% 	 26-Feb-10 A 30 04-Mar-10 A 	25-May-10 A 04-May-10 A 10-Mar-10 A 03-Mar-10 A 03-Mar-10 A 03-Mar-10 A		-								
Preliminari Preliminari General S PR000000 PR001000 PR001060 PR001070 PR001080	UCTION PHASE ries & General Requirement ries Submissions Commencement of Works Site Establishment Effect required Insurances Erect Contractor's Office Compound Submit Site Organization Chart Submit Site Layout Plan Prepare/Submit Initial Works Programme Approval on Initial Works Programme Prepare/Submit Detailed Works Programme	 100% 	 26-Feb-10 A 30 04-Mar-10 A 30 3-Apr-10 A 	25-May-10 A 04-May-10 A 10-Mar-10 A 03-Mar-10 A 03-Mar-10 A 02-Apr-10 A 30-May-10 A		-								
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Preliminari Preliminari General S PR000000 PR001000 PR001060 PR001070 PR001080 PR001090 PR001100	UCTION PHASE ries & General Requirement ries Submissions Commencement of Works Site Establishment Effect required Insurances Erect Contractor's Office Compound Submit Site Organization Chart Submit Site Layout Plan Prepare/Submit Initial Works Programme Approval on Initial Works Programme Prepare/Submit Detailed Works Programme Prepare/Submit First 3-month Programme Submit initial 12-month Pgr for Rou. Maint. Work	 100% 	 26-Feb-10 A 30 04-Mar-10 A 30 04-Mar-10 A 34 26-Feb-10 A 358 03-Apr-10 A 364-Feb-10 A 3658 03-Apr-10 A 	25-May-10 A 04-May-10 A 10-Mar-10 A 03-Mar-10 A 03-Mar-10 A 02-Apr-10 A 30-May-10 A 10-Mar-10 A 10-Mar-10 A		-								
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Preliminari Preliminari General S PR000000 PR001000 PR001060 PR001070 PR001080 PR001090 PR001100 PR001110 PR001170	UCTION PHASE ies & General Requirement ies & General Requirement ies & General Requirement issions Submissions Commencement of Works Site Establishment Effect required Insurances Effect required Insurances Erect Contractor's Office Compound Submit Site Organization Chart Submit Site Layout Plan Prepare/Submit Initial Works Programme Approval on Initial Works Programme Prepare/Submit Detailed Works Programme Prepare/Submit First 3-month Programme Submit initial 12-month Pgr for Rou. Maint. Work Submit Rolling 3month Routine Maint. Program Prepare/Submit Subcon Management Plan (SMP) Prepare/Submit Subcon Management Plan (SMP)	 100% 	0 26-Feb-10 A 90 26-Feb-10 A 0 26-Feb-10 A 0 26-Feb-10 A 10 26-Feb-10 A 11 26-Feb-10 A 12 26-Feb-10 A 14 26-Feb-10 A 15 04-Mar-10 A 16 03-Apr-10 A 17 26-Feb-10 A 18 03-Apr-10 A 19 26-Feb-10 A 14 26-Feb-10 A	25-May-10 A 04-May-10 A 10-Mar-10 A 03-Mar-10 A 03-Mar-10 A 02-Apr-10 A 30-May-10 A 10-Mar-10 A 10-Mar-10 A 10-Mar-10 A 26-Mar-10 A		-								
Preliminari Preliminari General S PR000000 PR001000 PR001000 PR001000 PR001000 PR001000 PR001000 PR001000 PR001000 PR001030 PR001040 PR001050 PR001060 PR001070 PR001080 PR001090 PR001100 PR001170 PR001200	UCTION PHASE ies & General Requirement ies & General Requirement ies Submissions Commencement of Works Site Establishment Effect required Insurances Erect Contractor's Office Compound Submit Site Organization Chart Submit Site Layout Plan Prepare/Submit Initial Works Programme Approval on Initial Works Programme Prepare/Submit Detailed Works Programme Prepare/Submit First 3-month Programme Submit initial 12-month Pgr for Rou. Maint. Work Submit Rolling 3month Routine Maint. Program Prepare/Submit Subcon Management Plan (SMP) Submit Interface Management Plan	100% 100%	0 26-Feb-10 A 90 26-Feb-10 A 90 26-Feb-10 A 90 26-Feb-10 A 90 26-Feb-10 A 91 26-Feb-10 A 92 26-Feb-10 A 93 26-Feb-10 A 94 26-Feb-10 A 95 26-Feb-10 A 96 26-Feb-10 A 97 26-Feb-10 A 98 03-Apr-10 A 99 26-Feb-10 A 90 26-Feb-10 A 91 26-Feb-10 A 92 26-Feb-10 A 93 26-Feb-10 A 94 26-Feb-10 A 95 26-Feb-10 A 96 26-Feb-10 A	25-May-10 A 04-May-10 A 10-Mar-10 A 03-Mar-10 A 03-Mar-10 A 02-Apr-10 A 30-May-10 A 10-Mar-10 A 10-Mar-10 A 10-Mar-10 A 26-Mar-10 A 25-Apr-10 A		-								
Preliminari Preliminari General S PR000000 PR001000 PR001000 PR001000 PR001030 PR001030 PR001050 PR001060 PR001070 PR001080 PR001090 PR001100 PR001110 PR001200 PR001242	UCTION PHASEies & General RequirementriesSubmissionsCommencement of WorksSite EstablishmentEffect required InsurancesErect Contractor's Office CompoundSubmit Site Organization ChartSubmit Site Layout PlanPrepare/Submit Initial Works ProgrammeApproval on Initial Works ProgrammePrepare/Submit Detailed Works ProgrammePrepare/Submit First 3-month ProgrammeSubmit Rolling 3month Routine Maint. ProgramPrepare/Submit Subcon Management Plan (SMP)Submit Interface Management PlanApplication of Expressway Permit	100% 100%	0 26-Feb-10 A 90 26-Feb-10 A 0 26-Feb-10 A 0 26-Feb-10 A 10 26-Feb-10 A 11 26-Feb-10 A 12 26-Feb-10 A 14 26-Feb-10 A 17 26-Feb-10 A 18 04-Mar-10 A 19 26-Feb-10 A 14 26-Feb-10 A 15 26-Feb-10 A 16 26-Feb-10 A	25-May-10 A 04-May-10 A 10-Mar-10 A 03-Mar-10 A 03-Mar-10 A 03-Mar-10 A 02-Apr-10 A 30-May-10 A 10-Mar-10 A 10-Mar-10 A 26-Mar-10 A 25-Apr-10 A 03-Mar-10 A										
Preliminari Preliminari General S PR000000 PR001000 PR001000 PR001000 PR001000 PR001000 PR001000 PR001030 PR001040 PR001050 PR001060 PR001070 PR001080 PR001090 PR001100 PR001170 PR001200 PR001242 PR001244	UCTION PHASE ies & General Requirement ries Submissions Commencement of Works Site Establishment Effect required Insurances Erect Contractor's Office Compound Submit Site Organization Chart Submit Site Layout Plan Prepare/Submit Initial Works Programme Approval on Initial Works Programme Prepare/Submit Detailed Works Programme Prepare/Submit Tirst 3-month Programme Submit initial 12-month Pgr for Rou. Maint. Work Submit Rolling 3month Routine Maint. Program Prepare/Submit Subcon Management Plan (SMP) Submit Interface Management Plan Application of Expressway Permit Approval of Expressway Permit	Image: Constraint of the second state of the second sta	0 26-Feb-10 A 90 26-Feb-10 A 90 26-Feb-10 A 90 26-Feb-10 A 90 26-Feb-10 A 91 26-Feb-10 A 92 26-Feb-10 A 93 26-Feb-10 A 94 26-Feb-10 A 95 04-Mar-10 A 96 03-Apr-10 A 97 26-Feb-10 A 98 03-Apr-10 A 99 26-Feb-10 A 90 26-Feb-10 A 91 26-Feb-10 A 92 26-Feb-10 A 93 26-Feb-10 A 94 26-Feb-10 A 95 26-Feb-10 A 96 26-Feb-10 A 97 26-Feb-10 A 98 26-Feb-10 A 99 26-Feb-10 A <td>25-May-10 A 04-May-10 A 10-Mar-10 A 03-Mar-10 A 03-Mar-10 A 02-Apr-10 A 30-May-10 A 10-Mar-10 A 10-Mar-10 A 26-Mar-10 A 25-Apr-10 A 25-Apr-10 A 24-Mar-10 A</td> <td></td>	25-May-10 A 04-May-10 A 10-Mar-10 A 03-Mar-10 A 03-Mar-10 A 02-Apr-10 A 30-May-10 A 10-Mar-10 A 10-Mar-10 A 26-Mar-10 A 25-Apr-10 A 25-Apr-10 A 24-Mar-10 A										
Preliminari Preliminari General S PR000000 PR001000 PR001000 PR001000 PR001030 PR001030 PR001050 PR001060 PR001070 PR001080 PR001090 PR001100 PR001110 PR001200 PR001242	UCTION PHASEies & General RequirementriesSubmissionsCommencement of WorksSite EstablishmentEffect required InsurancesErect Contractor's Office CompoundSubmit Site Organization ChartSubmit Site Layout PlanPrepare/Submit Initial Works ProgrammeApproval on Initial Works ProgrammePrepare/Submit Detailed Works ProgrammePrepare/Submit First 3-month ProgrammeSubmit Rolling 3month Routine Maint. ProgramPrepare/Submit Subcon Management Plan (SMP)Submit Interface Management PlanApplication of Expressway Permit	100% 100%	0 26-Feb-10 A 90 26-Feb-10 A 0 26-Feb-10 A 0 26-Feb-10 A 10 26-Feb-10 A 11 26-Feb-10 A 12 26-Feb-10 A 14 26-Feb-10 A 17 26-Feb-10 A 18 04-Mar-10 A 19 26-Feb-10 A 14 26-Feb-10 A 15 26-Feb-10 A 16 26-Feb-10 A	25-May-10 A 04-May-10 A 10-Mar-10 A 03-Mar-10 A 03-Mar-10 A 03-Mar-10 A 02-Apr-10 A 30-May-10 A 10-Mar-10 A 10-Mar-10 A 26-Mar-10 A 25-Apr-10 A 03-Mar-10 A										

e divide a ID	Asticity Name	Tetel A 11 1		Electrol.				2013					2014	
ctivity ID	FloatCompleteDuration1250Submit Draft Traffic Management Contingency100%100%1260Submit Sch of Const Seq/TTA in Prin Agreement100%100%1270Submit TIA/TTA to ER, TD, HKPF etc for Approval100%100%1280Prepare/Submit Sch of Util Arrangement100%100%		Finish			Q3	2013		Q4			2014 Q1		
DD001050	Cub mit Dyaft Tyoffia Managamant Capting ang			10 Apr 10 A	41	42	43	44	45	46	47	48	49	50
PR001250				10-Apr-10 A										
PR001260				10-Mar-10 A										
PR001270				25-Apr-10 A				 	 	: : : :	 	: : 		
PR001280				25-Apr-10 A										
PR001290				05-May-10 A					1 1 1		1		1 1 1	1 1 1
PR001300	Perform Slope / Topographic Survey	100		30-May-10 A										1
PR001310	Perform Natural Terrain Survey	100		19-Jul-11 A										
PR001320	Perform Tree Survey	100		29-Jun-10 A										
PR001330	Perform Existing Structural Survey	100		30-May-10 A										
PR001340	Install Geotechnical Instrumentation	100		25-May-10 A									1	
PR001350	Design for Temporary Noise Barrier	100		24-Jun-10 A										
PR001360	Approval for Temporary Noise Barrier	100		24-Jul-10 A										
PR001370	Design for Irrigation System	100	% 150 26-Feb-10 A	24-Jul-10 A			 	 	 	1 1 1 4	 	 	: : : :	
PR001380	Approval for Irrigation System	100	% 24 26-Feb-11 A	21-Mar-11 A										1
PR001385	Detail review of the natural terrain hazard assessment by GEO	100	% 90 26-Oct-11 A	23-Jan-12 A									 	1 1 1
PR001390	Design for Permanent Debris Catch Fence	100	% 90 26-Oct-11 A	23-Jan-12 A									 	1 1 1
PR001400	Approval for Debris Catch Fence System Design	100	% 30 24-Jan-12 A	22-Feb-12 A							1		1 1 1	1 1 1
PR001410	Temporary Works Design	100	% 200 26-Feb-10 A	12-Sep-10 A									1 1 1	1 1 1
PR001420	Complete All Technical Submission	100	% 0	22-Feb-12 A				- L	· •	+ ! !	+ ! !	 ! !	L	L
Specialist	Consultants													
PR001220	Nominate/Submit Horticulturist for Approval	100	6 45 26-Feb-10 A	10-Apr-10 A										
PR001230	Nominate/Submit IIC (Highway Structures)	100	6 45 26-Feb-10 A	10-Apr-10 A										
PR001240	Nominate/Submit Traffic Consultant for Approval	100	% 7 26-Feb-10 A	03-Mar-10 A										
PR001440	Complete Engagement of Specialist Consultants	100	% 0	10-Apr-10 A				·		- 				
QSHE Sub	omission												1	1 1 1
PR001120	Prepare/Submit Quality Plan	100	6 28 26-Feb-10 A	24-Mar-10 A										
PR001130	Prepare/Submit Draft Health & Safety Plan	100		10-Mar-10 A	_								 	1 1 1
PR001140	Prepare/Submit Final Health & Safety Plan	100		31-Mar-10 A	_									1
PR001150	Prepare/Submit Draft Env Management Plan	100		17-Mar-10 A										
PR001160	Prepare/Submit Final Env Management Plan	100		10-Apr-10 A	_									
PR001180	Submit Site Management Plan for Trip Ticket Sys	100		10-Apr-10 A										
PR001430	Complete All QSHE Submission	100		10-Apr-10 A	_									
		100						1 1 1	 		 		1	
Variation O		400	/ 0 17 hrs 10 A					 	 		1 1 1 1 1	 	 	
VO000010	VO. 1: Revised layout of Piles, NLKP5	100												
VO000020	VO. 2: Fencing Detaills Along Site Boundaries of SA29	100	.											
VO000030	VO. 3: Existing Bridge 12 Pilecap Concrete Testing (P5/6/8)	100	· · ·											,
VO000040	VO. 4: Revised Setting Out Plan of Slip Road W in SA28 & SA31	100												1 1
VO000050	VO. 5: Revised Setting Out Plan of Slip Road W in Site Area SA30	100												
VO000060	VO. 6: Bridge 15A Pilecap Sleeving Details	100							1 1 1					1
VO000070	VO. 7: Modification of Noise Barrier Footing for NB42 & NB44	100												1
VO000080	VO. 8: Revised Layout of Southen Trunk Sewer	100								1			1 1 1	1
VO000090	VO. 9: Relocation and Deletion of Access Door at Noise Barrier	100							1 1 1		1 1 1			1 1 1
VO000100	VO. 10: Fencing details along Site Boundaries of Section subject to Excision	100					 	 - L	 	 +	 	 		1 1 1
VO000110	VO. 11: Fencing details along Site Boundaries of Section subject to Excision	100	6 04-Jan-11 A											
VO000120	VO. 12: Fencing for Former Lot 1308 S.B in D.D.6	100	6 0 12-Jan-11 A										1 1 1	
VO000130	VO. 13: Relocation of Existing HKCG HP600mm Gasmains at Slip Road T	100	% 0 12-Aug-11 A						1 1 1				1 1 1	1 1 1
	VO. 14: Revised Layout of Police Observation Platform at CH3700		6 0 27-Jan-11 A			•	1	1	1	1	1	1	1	1

Activity ID	Activity Name	Total	Activity %	Original Start	Finish				2013					2014	
		Float	Complete	Duration		41	42	Q3 43	44	45	Q4 46	47	48	Q1 49	50
VO000150	VO. 15: Revised Layout of Slope S28		100%	0 01-Feb-11 A		41	42	43	44	40	40	47	40	49	00
VO000160	VO. 16: Additional Packaging Requirement for Mulch Delivered to LCSD		100%	0 25-Jan-11 A								+ + 			
VO000170	VO. 17: Revised Bridge 12B and Temp Reinstatement at Existing Bridge 12		100%	0 30-Apr-11 A											
VO000180	VO. 18: Delivered 5 cubic meters of Mulch to EPD		100%	0 15-Feb-11 A											
VO000190	VO. 19: Protection for Existing HKCG HP 600mm Gasmain at Slip Rd T		100%	0 07-Mar-11 A						1 1 1					
VO000200	VO. 20: Revised Fire Mains alignment Plan		100%	0 31-Mar-11 A											
VO000210	VO. 21: Reinforced Earth Walls at Bridge 18A Abutment		100%	0 07-Sep-11 A							+				
VO000220	VO. 22: Revised Layout of Proposed Lighting and Meter Box at Ma Wo Su		100%	0 15-Apr-11 A											
VO000230	VO. 23: Provision of Drainage at Noise Barriers 41 & 42		100%	0 20-Apr-11 A											
VO000250	VO. 25: Construction of Cross Road Ducts and Traffic Signal Drawpits		100%	0 27-Apr-11 A											
VO000260	VO. 26: Permanent Diversion of Existing DN80 WSD Watermain at MA Wo		100%	0 03-May-11 A											
VO000270	VO. 27: Temp. Access and Lighting for Inspection on Bridge 13 Deck Interior		100%	0 16-May-11 A											
VO000280	VO. 28: Provision of Hoarding at Site Boundary of SA22 and SA25		100%	0 11-May-11 A											
VO000300	VO. 30: Removal of dead trees under LKB		100%	0 05-Jul-11 A											
VO000310	VO. 31: Fencing for Former Lot 1308S.B. in D.D.6		100%	0 27-Jul-11 A						1 1 1		1 1 1			
VO000330	VO. 33: Drainage Details at W48		100%	0 03-Aug-11 A						1 1 1		1 1 1			
VO000350	VO. 35: Revised Southern Trunk Sewer Manholes Schedule		100%	0 14-Oct-11 A							1 T	1 1 1	 		
VO000360	VO. 36: Slip Road R road drainage details		100%	0 17-Oct-11 A											
VO000370	VO. 37: Bridge 12A, 13A, LB1, 2, 3 - Pilecaps Sleeving Details		100%	0 18-Nov-11 A											
VO000380	VO. 38: Bridge 18A -Reforced earth walls at West Abutment & associated		100%	0 03-Dec-11 A											
VO000390	VO. 39: Bridge 12A - Revised Foundation for North Abutment		100%	0 03-Dec-11 A						1 1 1		1 1 1			
VO000400	VO. 40: New Lam Kam Road Flyover - Revised drain age arrangement for		100%	0 30-Nov-11 A							1 T	1 7 1 1	 		,
VO000410	VO. 41: 450mm Diameter U-channel flap valve behind noise barrier NB42		100%	0 01-Dec-11 A											
VO000430	VO. 43: 450mm Diameter U-channel flap valve behind noise barrier NB42		100%	0 12-Jan-12 A											
VO000440	VO. 44: Bridge 15A - Revised drainage arrangement for bridge deck		100%	0 12-Jan-12 A						 	1				
VO000450	VO. 45: Details of drainage arrangement at Tai Po Tai Wo Road Link Bridg		100%	0 31-Jan-12 A											
VO000460	VO. 46: Modification of noise barrier footing for NB44		100%	0 13-Feb-12 A											
VO000520	VO. 52: Construction of cross road ducts & traffic signal drawpits at propos		100%	0 10-Apr-12 A											
VO000530	VO. 53: Bridge 18A - Concrete Plinths for PCCW cables ducts		100%	0 20-Apr-12 A											
VO000550	VO. 55: Provision of drainage at retaining wall W71 and Bridge B18A		100%	0 18-Apr-12 A						1 1 1		1 1 1			
VO000590	VO. 59: Relocation of Existing WSD pumping station (PS106) gate at Hong		100%	0 23-Apr-12 A											
VO000620	VO. 62: Revised Metal Cover Details for Bridge Deck Soffit Access		100%	0 29-May-12 A						· · · · · · · · · · · · · · · · · · ·	+				
VO000650	VO. 65:Details of additional Vehicular Access Gate for Lot 412 at Tai Wo S		100%	0 09-Jul-12 A											
VO000660	VO. 66: Revised Foundation Details of Noise Barriers NB36		100%	0 19-Jul-12 A						1 1 1		1 1 1			
VO000690	VO. 69: Revised Lighting Layout at Ma Wo Subway TP9		100%	0 01-Aug-12 A											
VO000700	VO. 70: Provision of Digital callipers		100%	0 10-Aug-12 A											
VO000710	VO. 71: Details of Typical Section for Slip Road R Verge at AUE Wall		100%	0 20-Aug-12 A							+				
VO000720	VO. 72: New Lam Kam Road Flyover - revised North and South Ramps Re		100%	0 06-Sep-12 A						1 1 1					
VO000730	VO. 73: Revised Sign Gantry Details of G23A, G24, G25, G26, G27, G28,		100%	0 11-Sep-12 A		G101				1 1 1		1 1 1			
VO000740	VO. 74: Bridge 12A South Abutment - Slope Reinstatement Works		100%	0 18-Sep-12 A											
VO000750	VO. 75: Modification of Existing Air Valve Chamber at Slip Road W		100%	0 14-Sep-12 A											
VO000760	VO. 76: Conduct Resistograph and Tomography Assessment to the Interna		100%	0 19-Sep-12 A		at LKR Interch	arge			· · · · · · · · · · · · · · · · · · ·	÷	÷			
VO000770	VO. 77: Provision of Cable Duct for Power Supply in Site Area SA28 and S		100%	0 17-Oct-12 A											
VO000780	VO. 78: Bridge 18A Revised CLP Concrete Cable Trough Details		100%	0 22-Oct-12 A						1 1 1		1 1 1			
VO000790	VO. 79: Bridge 18A East Abutment - Reinforced Concrete Wall (Bay3)		100%	0 14-Nov-12 A											
VO000800	VO. 80: Removal and Storage of Remaining Parts of Existing Speed Came		100%	0 03-Dec-12 A		a No. W05, W0	6 at NB ar	d W10 at SB							
VO000810	VO. 81: Details of Maintenance Access of Noise Barrier NB41 and NB42 al		100%	0 04-Jan-13 A		and NB42 alor	ng Tai Wo	Service Road W	lest	· · · · · · · · · · · · · · · · · · ·	÷	÷			
VO000820	VO. 82: Irrigation System Along the Vehicular Access to Wai Tau Tsuen		100%	0 04-Feb-13 A		ccess to Wai Ta	u Tsuen			1 1					

tivity ID	Activity Name	Total	Activity %	Original Start	Finish		2013	2014	
	Activity Name	Float	Complete	Duration	FILISI		Q3	Q4 Q1	
VO000830	VO. 83: Stormwater Drainage System MN18.1 to MN18.11 in Front of Reta		100%	0 08-Feb-13 A		41 42 to MN18.11 in Front of F	43 44 45	<u>46 47 48 49</u>	50
VO000840	VO. 84: Removal and Storage of Remaining Parts of Existing Speed Enfor		100%	0 08-Feb-13 A			nforcement Camera No. TO06 at Tolo High	way Southbourd	1
VO000860	VO. 86: Provision of Verge Tubular Railing Adjacent to Retaining Wall W67		100%	0 12-Apr-13 A			Adjacent to Retaining Wall W67		1
VO000870	VO. 87: Existing Retaining Wall at Tai Po Tai Wo Road - Modification Works		100%	0 19-Apr-13 A			o Tai Wo Road - Modification Works		;
VO000880	VO. 88: Additional Hospital Sign Plate for Existing Directional Signs DSX01		100%	0 10-May-13 A			n Plate for Existing Directional Signs DSX0	01A and DSX05B	1
VO000890	VO. 89: Change of Material of Southern Trunk Sewer Pipes between manh		100%	0 10-May-13 A			Southern Trunk Sewer Pipes between man		
VO000900	VO. 90: Revised Southern Trunk Sewer Details		100%	0 10-May-13 A		0: Revised Southern Tru			1
VO000910	VO. 91: Nosing Details at South Abutment of Bridge 13A - Modification Wo		100%	0 02-Jul-13 A			Nosing Details at South Abutment of Bridg	ge 13A - Modification Works	
VO000920	VO. 92: Revised Noise Barrier Footing fro NB30 Bay 1		100%	0 14-Jun-13 A			d Noise Barrier Footing fro NB30 Bay 1		;
VO000930	VO. 93: Irrigation System for the Shrub Planting Area Adjacent to Fanling		100%	0 13-Jun-13 A			on System for the Shrub Planting Area Adjad	cent to Fanling Highway	, 1
VO000940	VO. 94: Irrigation System for the Shrub Planting Area Adjacent to Lam Ka		100%	0 11-Jun-13 A				ent to Lam Kam Road Interchange with connection to Fi	iremain
VO000950	VO. 95: Revised Sign Gantry G101 Details		100%	0 07-Jun-13 A			Sign Gantry G101 Details		l
VO000970	VO. 97: Provision of Stormwater Drainage System for the Wai Tau Tsuen		100%	0 13-Jun-13 A			on of Stormwater Drainage System for the V	Wai Tau Tsuen Access Baod Behind W74	1
VO000980	VO. 98: Revised Sign Gantry G101 Sign Face DS T8(B) Details		100%	0 11-Jun-13 A			Sign Gantry G101 Sign Face DS T8(B) De		 !
VO000990	VO. 99: Revised Sign Gantry G59 Details		100%	0 11-Jun-13 A		i	Sign Gantry G59 Details		í 1
VO000990 VO001000	VO. 100: Revised Sign Gantry G58 Details		100%	0 11-Jun-13 A			d Sign Gantry G58 Details		(1
VO001000 VO001010	VO. 101: Existing Bridges 12&13 - Revised Detail of the Strengthening Bea		100%	0 02-Jul-13 A				of the Strengthening Beam of the Stitching Slab	(
VO001030	VO. 103: Parapet Wall PW1 - Revised Drainage and Miscellaneous Details		100%	0 03-Jul-13 A			3: Parapet Wall PW1 - Revised Drainage a		
VO001030	VO. 104: Revised Alignment and Layout of Noise Barrier NB38		100%	0 26-Jun-13 A			Revised Alignment and Layout of Noise Ba	······································	L
VO001040 VO001050	VO. 105: Additional Precast Concrete Cover for Catchpit No. CP1.1		100%	0 02-Jul-13 A			5: Additional Precast Concrete Cover for Ca		1
VO001030	VO. 105: Revised Details fo Retaining Wall No. W71 and Slope S43 at CH		100%	0 02-Jul-13 A					1
VO001080 VO001070	VO. 100. Revised Details to Retaining Wall No. W/1 and Stope S45 at Ch VO. 107: Revised Alignment of U-Channel at Interface of Retaining Wall W		100%	0 02-Jul-13 A			6: Revised Details fo Retaining Wall No. W	face of Retaining Wall W66 and Slope S38	1
VO001070 VO001080									1
	VO. 108: Revision for Proposed Cut Slope S31A		100%	0 11-Jul-13 A			. 108: Revision for Proposed Cut Slope S3	· · · · · · · · · · · · · · · · · · ·	L
VO001090	VO. 109: Revision for Proposed Cut Slope S45		100%	0 19-Jul-13 A		· ·	VO: 109: Revision for Proposed Cut Slope	545	1
	s of Temporary Traffic Arrangement								
TTA000	TTA Stage 0 - Divert the traffic to new Slip Road J & K		100%	0 07-Oct-12 A					1
TTA010	TTA Stage 1 - divert the traffic to new bridge 18a		100%	0 23-Jun-13 A		♦ TTA Stage	1 - divert the traffic to new bridge 18a		1
TTA050	TTA Stage 5 - Full enclorsure of Tai Wo Road (CH3350 - CH3540)		100%	0 27-Sep-12 A					
TTA060	TTA Stage 6 - Open the new Northbound but reserve one lane & close the		100%	0 25-Feb-12 A					
TTA070	TTA Stage 7 - Close the existing southbound and temporary divert the traffi		100%	0 25-Feb-12 A					1
TTA090	TTA Stage 9 - NLK Open the new Northbound but reserve one lane & clos	-11	0%	0 03-Aug-13				lorthbound but reserve one lane & close the existing Nor	rthboun
TTA110	TTA Stage 11 - Open the new LB2 and link up the LB1 & LB3	39	0%	0 31-Aug-13				ne new LB2 and link up the LB1 & LB3	1
TTA310	TTA Stage 5A-1 Diversion the traffic to B13A and B15A		100%	0 23-Jun-13 A			5A-1 Diversion the traffic to B13A and B15/	A	, , , , , , , , , , , , , , , , , , , ,
TTA320	TTA Stage 4B-1 Diversion the traffic to (CH2600 - CH3000) N/B		100%	0 05-May-13 A		age 4B-1 Diversion the tra	affic to (CH2600 - CH3000) N/B		1
TTA330	TTA Shift Lane for C1/C2 interface Final Stage (N/B)	-38	0%	0 04-Sep-13			TTA Shift Lane for C1	/C2 interface Final Stage (N/B)	1
TTA340	TTA Shift Lane for C1/C2 interface Final Stage (S/B)	-58	0%	0 28-Sep-13				ane for C1/C2 interface Final Stage (S/B)	1
TTA350	TTA Shift Lane for C2/C3 interface at TWSRW Road (Transition)	117	0%	0 16-Aug-13				face at TWSRW Road (Transition)	
TTA360	TTA Shift Lane for C2/C3 interface (N/B)	85	0%	0 24-Sep-13			♦ TTA Shift La	ne for C2/C3 interface (N/B)	
TTA370	TTA Shift Lane for C2/C3 interface (S/B)	6	0%	0 30-Dec-13				TTA Shift Lane for C2/C3	3 interfa
Section 1									i l
Site Area	SA21								1
PHSA2120	Possession of SA21 (Day141)		100%	0 16-Jul-10 A					
SA210000	Site Area SA21 Works Period	244	91.43%	1076 16-Jul-10 A	26-Oct-13			Site Area SA21 Works Period	
SA210010	Site Area SA21 Works Completion	244	0%	0	26-Oct-13		•	Site Area SA21 Works Completion	
SA210020	Temporary Traffic Management (Detail shall refer to supplementary inform	197	91.26%	872 16-Jul-10 A	26-Oct-13			Temporary Traffic Management (Detail shall refer to su	upplem
SA210030	Overall Utilities Diversion (Detail shall refer to supplementary information)	197	91.26%	872 16-Jul-10 A	26-Oct-13			Overall Utilities Diversion (Detail shall refer to supplem	
		1					• • •		

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Activity ID	Activity Name	Total	Activity %	Original Start	Finish			00	2013	04			2014	
		Float	Complete	Duration		41	42	Q3 43	44 45	Q4 46	47	48	Q1 49	50
Prelimir	aries							 			 		, , , , ,	
S21N000	0 Site Clearance/Access Rd & acquisition of Sub-con		100%	63 15-Oct-10 A	30-Dec-10 A								, , , ,	
Slopew													 	1 1 1
S21N500		-50	0%	10 07-Aug-13	19-Aug-13				Slopeworks Fill(\$21)				1 1 1	1 1 1
S21N501		-35	0%	10 19-Aug-13	30-Aug-13				U-Channel and Berm					
S21N510		-35	88.42%	266 17-Feb-11 A	30-Aug-13				Slopeworks Cut (S22)	 	 	 	 	, , , ,
S21N511			100%	72 17-Feb-11 A	20-May-11 A								, 1 1 1	
S21N512			100%	72 26-Oct-11 A	20-Jan-12 A								 	1 1 1
S21N513		-50	85%	72 28-May-12 A	07-Aug-13	_		Slope	works Cut (S22) - Stage 3	Lower +55mPD)			
S21N514		-35	0%	20 07-Aug-13	30-Aug-13				U-Channel and Berm				, , , ,	
S21N521		-58	75%	55 14-Jan-13 A	10-Aug-13			Slop	eworks Fill(S24)		, , , , ,	, , ,	, , , ,	
	on of Culverts												 	1 1 1
S21N100			100%	148 08-Nov-10 A	21-Mar-11 A								1 1 1 1	
S21N101			100%	23 08-Nov-10 A	11-Dec-10 A									
S21N102			100%	75 13-Dec-10 A	02-Mar-11 A							1 1	 	1 1
S21N103			100%	50 13-Dec-10 A	21-Mar-11 A						<u>.</u>		, , , ,	
S21N104	·		100%	45 19-Jan-11 A	21-Mar-11 A								 	1 1 1
S21N105			100%	0 26-Mar-11 A	31-Dec-11 A								1 1 1	
S21N106			100%	16 26-Mar-11 A	15-Apr-11 A	_								
S21N107			100%	75 30-Mar-11 A	05-Jul-11 A	_							• • • •	
S21N108			100%	72 01-Jul-11 A	31-Dec-11 A					, , , , , ,	, , , , ,	, , ,	, , , ,	
S21N109	· · · · · · · · · · · · · · · · · · ·		100%	0 01-Dec-11 A	31-Dec-11 A								1 1 1 1	1 1 1
	ction of Retaining Wall													
	ng Wall W35		· · · · ·											
	00 Sheet Pile/Excavate & Construct W35		100%	53 26-Mar-11 A	02-Jun-11 A	_							 	1 1 1
	10 Opencut excavation		100%	18 26-Mar-11 A	16-Apr-11 A				· · · · · · · · · · · · · · · · · · ·	1 1 1 1 1	 		, , , ,	, , , ,
S21N20			100%	30 26-May-11 A	18-Jun-11 A	_							1 1 1 1	
S21N20			100%	14 26-Jul-11 A	10-Aug-11 A									
Retainii	ng Wall W36		1										, , , ,	
S21N21	00 Sheet Pile/Excavate & Construct W36		100%	85 11-Aug-11 A	23-Apr-12 A	_				1 1 1		 	 	1 1 1
S21N21	10 Opencut excavation		100%	12 11-Aug-11 A	24-Aug-11 A				· · · · · · · · · · · · · · · · · · ·				, , , ,	
S21N21	20 Construction of W36 Structure		100%	50 19-Sep-11 A	23-Apr-12 A	_								
S21N21			100%	0 06-Feb-12 A	18-Feb-12 A	_								
S21N21	40 Backfilling behind W36 and drainage works	-39	50%	70 04-Mar-13 A	04-Sep-13	-	-		Backfilling behind W	36 and drainage	e works		 	
Retainii	ng Wall W38 (AD4)				105.14 × 14								 	1 1 1
S21N22	10 Pre-drilling		100%	24 26-Feb-11 A	25-Mar-11 A								, , ,	
S21N22			100%	30 26-Feb-11 A	01-Apr-11 A	_							 	1
S21N22			100%	60 14-Mar-11 A	27-Jun-11 A	_							1 1 1	1 1 1
S21N22			100%	141 26-Mar-11 A	22-Jun-11 A	-							1 1 1 1	
S21N22			100%	69 26-Mar-11 A	22-Jun-11 A	_							 	
S21N20 S21N20 Retainin S21N21 S21N21 S21N21 S21N21 S21N21 S21N22			100%	72 12-Apr-11 A	22-Jun-11 A						i 	; 		i
S21N22			100%	230 27-Jun-11 A	24-Dec-12 A	-					1 1 1		 	1 1 1
521N22	42 Excavation to +54.5mPD		100%	60 27-Jun-11 A	05-Sep-11 A	_							 	
S21N22			100%	60 26-Sep-11 A	06-Dec-11 A	-							1 1 1 1	
S21N22			100%	75 07-Dec-11 A	31-Jan-12 A	-							 	1 1
S21N22	52 Backfilling to road formation - Stage 1 (CH2470 - 2520) 54 Construction of Base & Wall - Stage 2 (Ch2520 - 2600)		100%	50 21-Jan-12 A 75 20-Feb-12 A	18-Feb-12 A 29-Sep-12 A						; ; ;		, , ,	, , ,
S21N22 S21N22			100%	30 01-Oct-12 A	29-Sep-12 A 24-Dec-12 A	-							 	
3211122	55 Datrining to formation level - Staye 2 (CH2320 - 2000)		100%	30 01-00t-12 A	24-D60-12 A					1	1		 	<u>. </u>

Activity Name Backfilling behind W38 and drainage works II W39 (CDS 3) Clearing & Prepare Piling Platform & Pre-drilling for W39 Piling Works Sheet Pile/ Excavate & Construct W39 Opencut Excavation Construction of W39 Structure Backfilling Backfilling behind W39 and drainage works II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40 Excavation for W40	Total Float	Activity % Complete 50% 100% 100% 100% 100% 100% 50%	Original Duration Start 0 70 04-Mar-13 A 70 04-Mar-13 A 70 27-Jun-11 A 70 03-Oct-11 A 75 20-Aug-12 A 70 04-Sep-12 A 71 26-Nov-12 A	Finish 04-Sep-13 09-Jul-11 A 14-Nov-11 A 01-Dec-12 A 03-Sep-12 A 21-Nov-12 A	41	42	Q3 43	2013 44 45 Backfilling behind W	Q4 46 38; and drainage	47 Works	201 Q1 48 4	
II W39 (CDS 3) Clearing & Prepare Piling Platform & Pre-drilling for W39 Piling Works Sheet Pile/ Excavate & Construct W39 Opencut Excavation Construction of W39 Structure Backfilling Backfilling behind W39 and drainage works II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40	-39	50% 50% 100% 100% 100% 100% 100%	70 04-Mar-13 A 10 27-Jun-11 A 36 03-Oct-11 A 75 20-Aug-12 A 7 20-Aug-12 A 50 04-Sep-12 A 12 26-Nov-12 A	09-Jul-11 A 14-Nov-11 A 01-Dec-12 A 03-Sep-12 A 21-Nov-12 A		42			46			
II W39 (CDS 3) Clearing & Prepare Piling Platform & Pre-drilling for W39 Piling Works Sheet Pile/ Excavate & Construct W39 Opencut Excavation Construction of W39 Structure Backfilling Backfilling behind W39 and drainage works II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40		100% 100% 100% 100% 100%	10 27-Jun-11 A 36 03-Oct-11 A 75 20-Aug-12 A 7 20-Aug-12 A 50 04-Sep-12 A 12 26-Nov-12 A	09-Jul-11 A 14-Nov-11 A 01-Dec-12 A 03-Sep-12 A 21-Nov-12 A				Backfilling behind W	38 and drainage	works		
Clearing & Prepare Piling Platform & Pre-drilling for W39 Piling Works Sheet Pile/ Excavate & Construct W39 Opencut Excavation Construction of W39 Structure Backfilling Backfilling behind W39 and drainage works II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40	-39	100% 100% 100% 100%	36 03-Oct-11 A 75 20-Aug-12 A 7 20-Aug-12 A 50 04-Sep-12 A 12 26-Nov-12 A	14-Nov-11 A 01-Dec-12 A 03-Sep-12 A 21-Nov-12 A								
Piling Works Sheet Pile/ Excavate & Construct W39 Opencut Excavation Construction of W39 Structure Backfilling Backfilling behind W39 and drainage works II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40	-39	100% 100% 100% 100%	36 03-Oct-11 A 75 20-Aug-12 A 7 20-Aug-12 A 50 04-Sep-12 A 12 26-Nov-12 A	14-Nov-11 A 01-Dec-12 A 03-Sep-12 A 21-Nov-12 A								
Sheet Pile/ Excavate & Construct W39 Opencut Excavation Construction of W39 Structure Backfilling Backfilling behind W39 and drainage works II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40	-39	100% 100% 100% 100%	75 20-Aug-12 A 7 20-Aug-12 A 50 04-Sep-12 A 12 26-Nov-12 A	01-Dec-12 A 03-Sep-12 A 21-Nov-12 A								
Dpencut Excavation Construction of W39 Structure Backfilling Backfilling behind W39 and drainage works II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40	-39	100% 100% 100%	7 20-Aug-12 A 50 04-Sep-12 A 12 26-Nov-12 A	03-Sep-12 A 21-Nov-12 A						1		
Construction of W39 Structure Backfilling Backfilling behind W39 and drainage works II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40	-39	100% 100%	50 04-Sep-12 A 12 26-Nov-12 A	21-Nov-12 A		· ·						
Backfilling Backfilling behind W39 and drainage works II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40	-39	100%	12 26-Nov-12 A									
Backfilling behind W39 and drainage works II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40	-39						 					
II W40 (CSD 3) Clearing & Prepare Piling Platform & Pre-drilling for W40	-39	50%		01-Dec-12 A			1 1 1					
Clearing & Prepare Piling Platform & Pre-drilling for W40			70 04-Mar-13 A	04-Sep-13			!	Backfilling behind W	39 and drainage	works	·	
Excavation for W40		100%	12 03-Oct-11 A	17-Oct-11 A			1 1 1					
		100%	12 20-Aug-12 A	06-Sep-12 A								
Construct W40		100%	40 07-Sep-12 A	13-Oct-12 A								
Backfilling		100%	11 20-Dec-12 A	29-Dec-12 A								
Backfilling behind W40 and drainage works	-39	50%	70 04-Mar-13 A	04-Sep-13				Backfilling behind W	40 and drainage	works		
II W41A												
	1	100%	72 26-Sep-11 A	25-Nov-11 A								
							1 1 1					
						<u> </u>	 				· · · · · · · · · · · · · · · · · · ·	
					-							
-		10070										
	1	100%	71 26-Sep-11 A	25-Nov-11 A								
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-		100%		25-INOV-11 A	_							
		1000/										
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Construction of RW Structure (W48A)		100%	·	06-May-11 A			1 1 1					
Backfilling W47, W48 & W48A		100%	40 28-Aug-12 A	11-Jan-13 A		 	 			 		
Construction of RW Structure (W45)		100%	75 26-Jan-12 A	04-Jun-12 A			 					
Construction of RW Structure (W46)		100%	75 01-Mar-12 A	26-May-12 A								
Backfilling W45 & W46		100%	40 28-Aug-12 A	20-Oct-12 A								
Backfilling behind W45 to W48 and drainage works	-39	50%	70 04-Mar-13 A	04-Sep-13		1	1	Backfilling behind W	45 to W48 and c	rainage works		
II W49												
Clearing & Prepare Piling Platform & Pre-drilling for W49		100%	24 20-Nov-10 A	24-Feb-11 A							·	 I I I
Sheet Pile/Excavate & Construct W49		100%	96 26-Mar-11 A	26-Jul-11 A								
Opencut Excavation		100%	18 26-Mar-11 A	16-Apr-11 A								
Construction of W49 Structure		100%	36 08-Mar-11 A	20-Aug-11 A								
Backfilling	++	100%	15 22-Aug-11 A	12-Nov-11 A								
Backfilling behind W49 and drainage works	-39	50%	70 04-Mar-13 A	04-Sep-13				Backfilling behind W	49 and drainage	works		
Road works Slow Lane (Ch2400 ~ 2650)		100%	20 14-Dec-12 A	04-Jan-13 A								
		100%			 Lane (Ch2650							
	-38			· ·		/ 1 1	1	- Roadworks Drainag	es & Utilities (CH	2400 - 2840)		
	ackfilling behind W40 and drainage works W41A heet Pile/Excavate & Construct W41A pencut Excavation onstruction of W41A Structure ackfilling W41B heet Pile/Excavate & Construct W41B pencut Excavation onstruction of W41B Structure ackfilling W4548 heet Pile/Excavate & Construct W45-48/A pencut Excavation (W45, W46 & W47) pencut Excavation (W45, W46 & W47) pencut Excavation (W48, W48A) onstruction of RW Structure (W47) onstruction of RW Structure (W48) ackfilling W47, W48 & W48A onstruction of RW Structure (W48) ackfilling W45 & W46 ackfilling W45 & W46 ackfilling behind W45 to W48 and drainage works W49 learing & Prepare Piling Platform & Pre-drilling for W49 heet Pile/Excavate & Construct W49 p	ackfilling behind W40 and drainage works-39W41Aheet Pile/Excavate & Construct W41Apencut Excavationonstruction of W41A StructureackfillingW41Bheet Pile/Excavate & Construct W41Bpencut Excavationonstruction of W41B Structurepencut Excavationonstruction of W41B StructureackfillingW4548/Aheet Pile/Excavate & Construct W45-48/Apencut Excavation (W45, W46 & W47)pencut Excavation (W48, W48A)onstruction of RW Structure (W48)onstruction of W49 to W48 and drainage worksheef Pile/Excavate & Construct W49pencut Excavationonstruction of W49 Structureackfillingonstruction of W49 and drainage worksstruction Works, Roadworks & Drainageackfill	ackfilling behind W40 and drainage works-3950%IV41A100%100%be et Pile/Excavate & Construct W41A100%100%onstruction of W41A Structure100%100%ackfilling100%100%IV41B100%100%be et Pile/Excavate & Construct W41B100%100%onstruction of W41B Structure100%100%onstruction of W41B Structure100%100%ackfilling100%100%pencut Excavation100%100%onstruction of W41B Structure100%100%pencut Excavation (W45, W45, 48/A)100%100%pencut Excavation (W45, W46, 4W47)100%100%pencut Excavation (W48, W48A)100%100%onstruction of RW Structure (W47)100%100%onstruction of RW Structure (W48)100%100%onstruction of RW Structure (W48)100%100%onstruction of RW Structure (W48)100%100%onstruction of RW Structure (W46)100%100%ackfilling W45 & W46100%100%ackfilling W45 & W48 and drainage works-3950%IV49100%100%100%pencut Excavation100%100%pencut Excavation100%100%ackfilling behind W49 and drainage works-3950%ackfilling behind W49 and drainage works-3950%struction of W49 Structure100%100%ackfilling behind W49 and drainage works-39<	ack/iling behind W40 and drainage works-3950%7004-Mar-13 AIW41AIMPA </td <td>ack/illing behind W40 and drainage works -39 50% 70 04-Mar-13 A 04-Sep-13 W41A - 100% 72 26-Sep-11 A 25-Nov-11 A pencul Excavation 100% 74 05-Oc:11 A 31-OcC+11 A ackfilling 100% 71 26-Sep-11 A 02-Nov-11 A met PlikeExcavate & Construct W41B 100% 70 05-Oc:11 A 31-Oc:11 A ackfilling 100% 70 05-Oc:11 A 31-Oc:11 A ackfilling 100% 70 01-Mar-11 A 01-Oc:11 A ackfilling 100% 70 01-Mar-11 A 01-Mar-11 A ackfilling 100% 73 01-Mar-11 A 31-Mar-11 A pencul Excavation (W45, W46 & W47) 100% 75 01-Mar-12 A 25-Auy-12 A pencu</td> <td>ackkilling behind W40 and drainage works -39 50% 70 04-Mar-13 A 04-Sep-13 A W41 - 100% 72 28-Sep-11 A 04-Ocl-11 A 04-O</td> <td>ack/ling behind W40 and drainage works 39 50% 70 04-Mar-13 A 04-Sep-13 W41 </td> <td>addiling baird W40 and drainage works 32 32 35 35 35 35 35 35 35 35 35 35 35 35 35</td> <td>abcilling I</td> <td>add ling deal Mar and a fange ox 6 is 100% 11 20-00-12 A 200-12 A</td> <td>gebriefing beine Web and damage works Selfing beine Web and damage works Weth and damage works Web and damage works Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Some transmit of Web and damage works Web Some transmit of Web and damage works Web Some transmit of Web and damage works Some transmit of Web and damage works Some</td> <td>Deck/II in pure W42 and diamage works 99 50% 70 94 Mar 16 A 94 Sep 13 Pec/Mine brained wat and diamage works WHA </td>	ack/illing behind W40 and drainage works -39 50% 70 04-Mar-13 A 04-Sep-13 W41A - 100% 72 26-Sep-11 A 25-Nov-11 A pencul Excavation 100% 74 05-Oc:11 A 31-OcC+11 A ackfilling 100% 71 26-Sep-11 A 02-Nov-11 A met PlikeExcavate & Construct W41B 100% 70 05-Oc:11 A 31-Oc:11 A ackfilling 100% 70 05-Oc:11 A 31-Oc:11 A ackfilling 100% 70 01-Mar-11 A 01-Oc:11 A ackfilling 100% 70 01-Mar-11 A 01-Mar-11 A ackfilling 100% 73 01-Mar-11 A 31-Mar-11 A pencul Excavation (W45, W46 & W47) 100% 75 01-Mar-12 A 25-Auy-12 A pencu	ackkilling behind W40 and drainage works -39 50% 70 04-Mar-13 A 04-Sep-13 A W41 - 100% 72 28-Sep-11 A 04-Ocl-11 A 04-O	ack/ling behind W40 and drainage works 39 50% 70 04-Mar-13 A 04-Sep-13 W41	addiling baird W40 and drainage works 32 32 35 35 35 35 35 35 35 35 35 35 35 35 35	abcilling I	add ling deal Mar and a fange ox 6 is 100% 11 20-00-12 A 200-12 A	gebriefing beine Web and damage works Selfing beine Web and damage works Weth and damage works Web and damage works Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Some transmit of Web and damage works Web and damage works Some transmit of Web and damage works Web Some transmit of Web and damage works Web Some transmit of Web and damage works Some	Deck/II in pure W42 and diamage works 99 50% 70 94 Mar 16 A 94 Sep 13 Pec/Mine brained wat and diamage works WHA

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Activit	y ID	Activity Name	Total Float	Activity % Complete	Original Start Duration	Finish			Q	3	2013		Q	4		2014 Q1	
	001114140	Provide for father and for	· ·out	· ·			41	42	43		44	45	4	6 4	7 48	49	50
	S21N4110	Removal of existing paving		100%	25 06-Aug-11 A	13-Jul-13 A			noval of ex	xistingp	aving						
	S21N4120	Drainages (incl. VO 33 : Drainage details at W48)		100%	25 06-Aug-12 A	05-Apr-13 A	33 : Drainage det	alls at W4	8)	_							
	S21N4130	Utilities (incl. VO 26: Permanent Diversion of existing DN80 WSD Waterm	-28	5%	25 08-Jul-13 A	22-Aug-13	_			Utili	ities (incl.	VO 26: Perma	inent Div	ersion of exis	ting DN80 WS	D Watermain	at Ma WO Su
	S21N4135	Road Surface (Stage 1: CH2400 - CH2520)		100%	75 26-Dec-11 A	24-Feb-12 A											
	S21N4140	Road Surface (Stage 2 : CH2520 - CH2840)	-99	65%	75 08-Jan-13 A	26-Aug-13						ce (Stage 2 : C		CH2840)			
	S21N4141	Road Construction Works (CH2600 - CH3000) for traffic diversion stage 4B-1		100%	75 10-Jan-13 A	04-May-13 A	pristruction Work					-	1				
	S21N4142	Road Construction Works (Fast Lane) for C1/C2 Interface stage 6B		100%	40 21-Jan-13 A	11-May-13 A	Construction W	orks (Fast	Lane) for	r C1/C2	Interface	stage 6B					
	S21N4143	Road Construction Works (Mid Lane) for C1/C2 Interface stage 7B		100%	28 13-May-13 A	09-Jun-13 A	Road Co	nstruction	Works (N	/lid Lane) for C1/ C	2 Interface sta	aģe 7B				
	S21N4144	Road Construction Works (Slow Lane) for C1/ C2 Interface stage 8B		100%	27 10-Jun-13 A	06-Jul-13 A		Road C	onstructio	on Work	s (Slow L	ane) for C1/ C2	2 Interfac	e stage 8B			
	S21N4145	Road Construction Works for C1/ C2 Interface Final stage	-38	5%	36 08-Jul-13 A	04-Sep-13			:		Road C	onstruction Wo	orks for (C1/C2 Interfa	ce Final stage		
	S21N4150	Shift lane for C1/C2 Interface (Stage 1)		100%	0 27-Feb-12 A												
	S21N4152	Shift lane for C1/C2 interface (Stage 2: North Bound along W38 to W46)		100%	0 20-Jan-13 A		along W38 to W4	6)									
	S21N4153	Shift lane for (CH2600 - CH3000) stage 4B-1		100%	0 05-May-13 A		e for (CH2600 -	CH3000)	ståge 4B-	-1							
	S21N4155	Shift lane for C1/ C2 Interface stage 6B		100%	0 12-May-13 A		lane for C1/ C2	Interface s	tage 6B								
	S21N4156	Shift lane for C1/ C2 Interface stage 7B		100%	0 09-Jun-13 A		Shift lane	e for C1/ C	2 nterfac	e stage	7B						
	S21N4157	Shift lane for C1/C2 Interface stage 8B		100%	0 07-Jul-13 A			Shift la	ine for C1	/ C2 Inte	erface stag	ge¦8B		·		·	
	S21N4160	Shift lane for C1/C2 interface Final stage	-38	0%	0 04-Sep-13					<	Shift lar	ne for C1/ C2 in	terface	Final stage			
	Noise Barrie	ers & Road Barriers		<u> </u>													
	Noise Barrie																
ſ		NB31 (CH 0-183.6, W39 - W49)	[100%	80 07-Nov-12 A	17-Jan-13 A											
	S21N3060	NB31 : Excavation and Footing (Bay 1-4)		100%	24 07-Nov-12 A	05-Jan-13 A											
	S21N3070	NB31 : Excavation and Footing (Bay 5 - 7)		100%	24 01-Dec-12 A	08-Jan-13 A											
	S21N3080	NB31 : Erecting H-Column		100%	18 02-Jan-13 A	10-Jan-13 A											
	S21N3090	NB31 (CH 90-183.6) : Installation Panel		100%	18 11-Jan-13 A	17-Jan-13 A											
		Remaining NB31 Installation of Panel	-11	0%	7 26-Jul-13	02-Aug-13	-		¦ Bem	naining	NR31 Insta	allation of Pane	L				
		trol & Survelance System		070						· · · · · · · ·			-+			·	
		TCSS (Gantry G23A) (incl. VO73 Revised Sign Gantry Details)	-12	85%	50 10-Jan-13 A	03-Aug-13				SS (Gam	tn/ (223A)	(incl. VO73 Re	vicod Si	an Gantry De	taile)		
			12	0078	50 10 0an 15 A		-							gri Ganiry De			
		Landscaping Works	-58	0%	40 10-Aug-13	27-Sep-13						Landscapin	a Worko				
			-30	0 /0	40 10-Aug-13	27-3ep-13						Lanuscaping	y works				
	South Bou																
	Preliminarie		1	1000													
	S21S0000	Site Clearance/Access Rd		100%	48 15-Oct-10 A	10-Dec-10 A											
	S21S0010	Site Clearance		100%	36 15-Oct-10 A	26-Nov-10 A											
	S21S0030	Access Road		100%	34 02-Nov-10 A	10-Dec-10 A											
	Slopeworks			i i													, , ,
	S21S5000	Slopeworks Fill(S26)	-60	60.63%	40 25-Mar-13 A	13-Aug-13				Slopew	orks Fill(S	26)					
	S21S5010	Slopeworks Fill(S26) - Lower +50mPD		100%	15 25-Mar-13 A	10-May-13 A	works Fill(S26)	Lower +5									
	S21S5020	Slopeworks Fill(S26) - Upper +55mPD	-60	30%	23 13-May-13 A	13-Aug-13				Slopew	orks Fill(S	26) - Upper +5	5mPD				
	S21S5100	Slopeworks Fill(S27)	-62	85%	120 09-Jan-13 A	15-Aug-13				Slopev	vorks Fill(S27)					
	S21S5110	Slopeworks Fill(S27) - Lower +50mPD		100%	60 09-Jan-13 A	17-Jan-13 A											
	S21S5120	Slopeworks Fill(S27) - Lower +55mPD	-62	70%	60 18-Jan-13 A	15-Aug-13			·	Slopev	vorks Fill(S27) - Lower +	55mPD				
	Extension of	of Culverts															
	S21S1100	Extension of Box Culvert (TP9), Downstream		100%	60 20-Dec-12 A	06-Feb-13 A											
	S21S5130	Temporary Water Diversion		100%	12 20-Dec-12 A	28-Dec-12 A											
	S21S5140	Construction of Base Slab, Wall & Top Slab		100%	48 29-Dec-12 A	06-Feb-13 A											
	Constructio	on of Retaining Wall		, L													
	Retaining W	-												1			
		She et Pile/Excavate & Construct W50 (w/SP)		100%	215 21-May-12 A	23-Apr-13 A	cavate & Constr		i i	i i			- į	i i	1	i i	

ivity	ID	Activity Name	Total	Activity %	Original Start	Finish	2013 2014
,			Float	Complete	Duration		Q3 Q4 Q1
	S21S2010	Sheet Pile & ELS Works		100%	24 21-May-12 A	07-Sep-12 A	<u>41 42 43 44 45 46 47 48 49</u>
	S21S2020	Construction of W50 Structure		100%	75 02-Jan-13 A	19-Mar-13 A	re
	S21S2030	Backfilling	_	100%	50 20-Mar-13 A	23-Apr-13 A	
Ŀ	Retaining W	Vall W51-56 (CSD 3)		<u> </u>		· ·	
		Sheet Pile / Excavate & Construct W51-56 (w/SP)		100%	216 25-Feb-11 A	27-Dec-12 A	
┝	S21S2110	Sheet Pile & ELS Works (W51)		100%	24 25-Feb-11 A	11-May-11 A	
⊢		Construction of W51 Structure	_	100%	42 19-Apr-11 A	14-Jun-11 A	
⊢	S21S2130	Sheet Pile & ELS Works (W52 & W53)		100%	24 28-Jul-11 A	16-Sep-11 A	
$\left - \right $	S21S2130	Construction of W52 & W53 Structure		100%	42 17-Oct-11 A	05-Dec-11 A	
⊢	S21S2140	Backfilling of W51, W52 & W53		100%	24 17-Jan-12 A	27-Dec-12 A	
					24 17-5an-12 A 24 17-Feb-12 A	03-Mar-12 A	
		Sheet Pile & ELS Works (W54, 55 & 56)		100%			
	S21S2170	Construction of W54, 55 & 56 Structure		100%	75 15-Feb-12 A	06-Jul-12 A	
	S21S2180	Backfilling of W54, 55 & 56		100%	30 02-Aug-12 A	27-Dec-12 A	
	S21S2190	Backfilling behind W51 to W56 and drainage works	-39	50%	70 04-Mar-13 A	04-Sep-13	Backfilling behind W51 to W56 and drainage works
_		Vall W51A (CSD 3)					
		Excavate to cut-off level		100%	8 17-Jan-11 A	25-Jan-11 A	
		Capping/Walling for W51A		100%	18 12-Jul-11 A	01-Aug-11 A	
	S21S2165	Backfilling		100%	30 28-Dec-11 A	04-Feb-12 A	
	Retaining W	Vall W35A, (CSD 2)					
	S21S2211	Construction of W35A (w/MP)		100%	198 13-Apr-12 A	05-Dec-12 A	
	S21S2212	Removal of existing concrete structure at W35A		100%	35 13-Apr-12 A	03-Jul-12 A	
	S21S2218	Mini Piles for W35A (8 nos.)		100%	30 25-Jul-12 A	14-Aug-12 A	
	S21S2230	Excavation and tie back installation		100%	25 15-Aug-12 A	09-Oct-12 A	
	S21S2240	Capping/Walling for W35A		100%	40 10-Oct-12 A	24-Nov-12 A	
	S21S2250	Backfilling		100%	6 29-Nov-12 A	05-Dec-12 A	
L	Road Re-co	onstruction Works, Roadworks & Drainage		II			
	S21S3895	Roadwork (South Bound slow lane along W35A)		100%	6 06-Dec-12 A	09-Dec-12 A	
	S21S3896	Roadwork (South Bound slow lane along W50 - W56)	_	100%	30 01-Feb-13 A	29-Apr-13 A	(South Bound slow lane along W50 - W56)
-	S21S3900	Roadworks, Drainages & Utilities (CH 2400 - 2840)	-58	63.83%	150 25-Jan-13 A	28-Sep-13	Roadworks, Drainages & Utilities (CH 2400 - 2840)
_	S21S4001	Removal of Existing Paving	-58	60%	40 25-Jan-13 A	13-Aug-13	Removal of Existing Paving
	S21S4002	Drainages (incl. VO33: Drainage details at W48)	-64	0%	30 26-Jul-13	29-Aug-13	Drainages (incl. VO33: Drainage details at W48)
	S21S4003	Utilities (incl. VO 26 & VO69)	-64	0%	30 30-Aug-13	05-Oct-13	Utilities (incl. VO 26 & VO69)
	S21S4000	Road Surface (CH2400 - CH2840)	-58	20%	65 04-Mar-13 A	16-Oct-13	Road Surface (CH2400 - CH2840)
_	S21S4010	Road Construction Works (Fast Lane) for C1/C2 Interface stage 4A	-50	100%	40 21-Jan-13 A	13-Apr-13 A	n Works (Fast Lane) for C1/C2 Interface stage 4A
	S21S4012	Road Construction Works (Mid Lane) for C1/ C2 Interface stage 5A		100%	27 15-Apr-13 A	25-May-13 A	Road Construction Works (Mid Lane) for C1/C2 Interface stage 5A
	S21S4013	Road Construction Works (Slow Lane) for C1/ C2 Interface stage 6A	50	100%	39 27-May-13 A	30-Jun-13 A	Road Construction Works (Slow Lane) for C1/ C2 Interface stage 6A
	S21S4014	Road Construction Works for C1/ C2 Interface Final stage	-58	15%	45 02-Jul-13 A	28-Sep-13	Road Construction Works for C1/ C2 Interface Final stage
	S21S4030	Shift lane for C1/C2 interface (South Bound along W35A)		100%	0 09-Dec-12 A		
	S21S4031	Shift lane for C1/C2 Interface stage 4A		100%	0 14-Apr-13 A		C2 Interface stage 4A
	S21S4032	Shift lane for C1/C2 Interface stage 5A		100%	0 26-May-13 A		Shift lane for C1/ C2 Interface stage 5A
	S21S4033	Shift lane for C1/C2 Interface stage 6A		100%	0 30-Jun-13 A		Shift lane for C1/C2 Interface stage 6A
	S21S4050	Shift lane for C1/C2 interface (Final stage)	-58	0%	0 28-Sep-13		Shift lane for C1/C2 interface (Final stage)
	Noise Barri	ers			1		
	Noise Barri	er NB29					
	S21S3010	NB29A (CH 0-62.3) on W35A (incl. VO 9: Construction of double leaf acce	-65	0%	20 11-Sep-13	07-Oct-13	NB29A (CH 0-62.3) on W35A (incl. VO 9: Construction of double I
	S21S3011	NB29A (CH 0-62.3) on W35A - Erecting H-Column	-65	0%	10 11-Sep-13	24-Sep-13	NB29A (CH 0-62.3) on W35A - Erecting H-Column
	S21S3012	NB29A (CH 0-62.3) on W35A - Installing Panel	-65	0%	10 24-Sep-13	07-Oct-13	NB29A (CH 0-62.3) on W35A - Installing Panel
	Noise barrie				· · · · ·		

		12					
Activ	ty ID	Activity Name	Total Float	Activity %	Original Start Duration	Finish	2013 2014 Q3 Q4 Q1
				Complete			41 42 43 44 45 46 47 48 49 50
	S21S3020	NB30 (CH 0-201.9) (incl. VO 9: Construction of double leaf access door for	-65	41.69%	104 01-Aug-12 A	07-Oct-13	NB30 (CH 0-201.9) (incl. VO 9: Construction of double leaf access door
	S21S3021	NB30 - Excavation and Footing (bay 1 - bay 3)		100%	75 01-Aug-12 A	22-Nov-12 A	
	S21S3026	NB30 - Excavation and Footing (bay 13 - bay 15)		100%	25 02-May-13 A	14-Jun-13 A	NB30 - Excavation and Footing (bay 13 - bay 15)
	S21S3027	NB30 - Excavation and Footing (bay 4 - bay 12)	-65	10%	45 02-Jul-13 A	11-Sep-13	NB30 - Excavation and Footing (bay 4 - bay 12)
	S21S3028	NB30 : Erecting H-Column	-65	0%	10 11-Sep-13	24-Sep-13	NB30 : Erecting H-Column
	S21S3029	NB30 : Installing Panel	-65	0%	10 24-Sep-13	07-Oct-13	NB30 : Installing Panel
	Noise Barri						
	S21S3030	NB33 (CH 0-143) (incl. VO 9: Construction of double leaf access door for n	-11	93.14%	102 01-Sep-12 A	02-Aug-13	NB33 (CH 0-143) (incl. VO 9: Construction of double leaf access door for noise barrier)
	S21S3031	NB33 : Excavation, construction of Footing & Backfilling (bay 3 - bay 13)		100%	75 01-Sep-12 A	10-Jan-13 A	ay¦3 - bay 13)
	S21S3032	NB33 : Erecting H-Column (bay 3 - bay 13)		100%	15 14-Jan-13 A	17-Jan-13 A	
	S21S3033	NB33 : Installing Panel (bay 3 - bay 13)		100%	12 25-Jan-13 A	02-Mar-13 A	13)
	S21S3034	NB33 : Excavation, construction of Footing & Backfilling (bay 1 - bay 2)		100%	15 07-Mar-13 A	21-Mar-13 A	ction of Footing & Backfilling (bay 1 - bay 2)
	S21S3035	NB33 : Erecting H-Column (bay 1 - bay 2)		100%	7 26-Apr-13 A	27-Apr-13 A	cting H-Column (bay 1 - bay 2)
	S21S3036	NB33 : Installing Panel (bay 1 - bay 2)	-11	0%	7 26-Jul-13	02-Aug-13	NB33 : Installing Panel (bay 1 - bay 2)
	Traffic Con	trol & Survelance System					
	S21S4800	TCSS (Gantry G60A) (incl. VO73 Revised Sign Gantry Details)	-58	15%	45 02-Jul-13 A	28-Sep-13	TCSS (Gantry G60A) (incl. VO73 Revised Sign Gantry Details)
	Landscapir	ng					
	S21S6000	Landscaping Works	-62	0%	40 16-Aug-13	03-Oct-13	Landscaping Works
	Midd le Lai	ne					
	Road Re-co	onstruction Works					
	S21M4030	Roadworks, Drainage & Utilities (CH 2400 - 2840)	-99	0%	65 08-May-12 A	18-Nov-13	Roadworks, Drainage & Utilities (CH 2400 - 2840)
	S21M4035	Removal of Central barrier & Roadmark		100%	25 08-May-12 A	06-Jun-13 A	Removal of Central barrier & Roadmark
	S21M4040	Removal of Existing Paving		100%	25 18-May-12 A	06-Jun-13 A	Removal of Existing Paving
	Noise Barri	ers		I			
	Noise barri	er NB32, G23A & G60A					
	S21M380	Excavate to cut-off level (Stage 1: Bay 1 - Bay 2)		100%	7 31-Jan-13 A	25-Feb-13 A	1 - Bay 2)
	S21M390	Construction for NB32 (Stage 1: Bay 1 - Bay 2)		100%	15 25-Feb-13 A	16-Mar-13 A	1 Bay 1 - Bay 2)
	S21M391	Excavate to cut-off level (Stage 2: Bay 3 - Bay 26)	-99	85%	15 18-May-13 A	29-Jul-13	Excavate to cut-off level (\$tage 2: Bay 3 - Bay 26)
	S21M392	Construction for NB32 (Stage 2: Bay 3 - Bay 26 with G23A and G60A)	-99	52%	50 31-May-13 A	26-Aug-13	Construction for NB32 (Stage 2: Bay 3 - Bay 26 with G23A and G60A)
	S21M393	Erecting H-Column, NB32	-80	0%	20 26-Aug-13	18-Sep-13	Erecting H-Column, NB32
	S21M394	Installing Panel & Road Barrier, NB32	-80	0%	30 18-Sep-13	26-Oct-13	Installing Panel & Road Barrier, NB32
	S21M400	Backfilling (Stage 1: Bay 1 - Bay 2)		100%	10 18-Mar-13 A	20-Apr-13 A	age 1: Bay 1 - Bay 2)
	S21M401	Backfilling (Stage 2: Bay 3 - Bay 26)	-99	5%	20 15-Jul-13 A	17-Sep-13	Backfilling (Stage 2: Bay 3 - Bay 26)
	S21M403	Road Lighting Works	-99	0%	10 17-Sep-13	30-Sep-13	Road Lighting Works
	S21M404	Remaining Roadworks & Road Surfacing	-99	0%	40 30-Sep-13	18-Nov-13	Remaining Roadworks & Road Surfacing
	Read v For	Pre-Handover Retaining Wall of Section 1					
	HRW0010	Ready For Pre-Handover Retaining Wall W35, W36, W38, W39, W40, W4	-11	0%	7 26-Jul-13	02-Aug-13	Ready For Pre-Handover Retaining Wall W35, W36, W38, W39, W40, W44, W45, W46, W47, W48,
	HRW0011	Ready For Pre-Handover Retaining Wall W35A, W50, W51, W52, W53, W		0%	7 26-Jul-13	02-Aug-13	Ready For Pre-Handover Retaining Wall W35A, W50, W51, W52, W53, W54, W55, W56
	Section 2						
		200					
	Site Area S			1000/			
	PHSA2220	Possession of SA22 (Day0)	177	100%	0 26-Feb-10 A	01 Dec 40	
	SA220000	Site Area SA22 Works Period (incl. VO 28: Provision of hoarding at site bo		86.92%	1216 26-Feb-10 A	31-Dec-13	Site Area SA22 Works Period (inc
	SA220010	Site Area SA22 Works Completion	177	0%	0 085 05 5ch 10 4	31-Dec-13	Site Area SA22 Works Completion
	SA220020	Temporary Traffic Management (Detail shall refer to supplementary inform	177	83.86%	985 25-Feb-10 A	31-Dec-13	Temporary Traffic Management (I
	SA220030	Overall Utilities Diversion (Detail shall refer to supplementary information)	177	83.86%	985 25-Feb-10 A	31-Dec-13	Overall Utilities Diversion (Detail s
	North Bou						
	Preliminari	es					

	13														
Activity ID	Activity Name	Total	Activity %	Original Start	Finish			00	2013					2014	
		Float	Complete	Duration		41	42	Q3 43	44	45	Q4 46	47	48	Q1 49	50
S22N0000	Site Clearance/Access Rd (W56A&W56B)		100%	90 26-Feb-10 A	18-Jun-10 A		1				• • •			F 	1
S22N0001	Site Clearance - Stage 1 (Near W56A)		100%	30 26-Feb-10 A	01-Apr-10 A							1	1	1 1 1 1	1
S22N0002	Access Road - Stage 1 (Near W56A)		100%	30 22-Mar-10 A	29-Apr-10 A										
S22N0003	Site Clearance - Stage 2 (Near W56B)		100%	30 19-Apr-10 A	25-May-10 A										, , ,
S22N0004	Access Road - Stage 2 (Near W56B)		100%	30 13-May-10 A	18-Jun-10 A							1	- - - - - - - - - - - - - - - - - - -	- 	
S22N0030	Erection of Temp Safety Fence (N/B ch2840-3150)		100%	60 10-May-10 A	21-Jul-10 A								1 1 1	 	1
S22N0040	Erection of Temp Safety Fence (N/B ch2840-3000)		100%	30 10-May-10 A	14-Jun-10 A								1 1 1	 	
S22N0050	Erection of Temp Safety Fence (N/B ch3000-3150)		100%	30 15-Jun-10 A	21-Jul-10 A				-+	- 	+ 	+ 	 	⊨ 	
Slopework	5														
S22N5000	Slopeworks Cut & U-Channel/Berm (S29-sn), C4		100%	421 22-Jul-10 A	17-Dec-11 A										
S22N5010	Slopeworks (S29) & U-channel/Berm - Stage 1 (Cutslope)		100%	12 22-Jul-10 A	04-Aug-10 A							1	1	1	1
S22N5020	Slopeworks (S29) - Stage 1 (Soil Nail Installation : QRS)		100%	12 26-Mar-11 A	09-Apr-11 A								1 1 1	 	1
S22N5040	Slopeworks (S29) & U-Channel/Berm - Stage 2 (Cutslope)		100%	50 19-Aug-10 A	19-Oct-10 A					- -	+	+ 	 	⊭ 	
S22N5050	Slopeworks (S29) - Stage 2 (Soil Nail Installation : MNOP)		100%	21 02-Apr-11 A	30-Apr-11 A		1					1 1 1	1 1 1	1 1 1 1	
S22N5070	Slopeworks (S29) & U-Channel/Berm - Stage 3 (Cutslope)		100%	28 21-Oct-10 A	13-Nov-10 A								, 1 1 1	, 	
S22N5080	Slopeworks (S29) - Stage 3 (Soil Nail Installation : IJKL)	1	100%	36 27-Jun-11 A	08-Aug-11 A								 	 	л 1 1
S22N5100	Slopeworks (S29) & U-Channel/Berm - Stage 4 (Cutslope)		100%	36 26-Oct-11 A	07-Dec-11 A										1 1 1
S22N5110	Slopeworks (S29) - Stage 4 (Soil Nail Installation : EFGH)		100%	36 07-Nov-11 A	28-Nov-11 A					- -	+ 1 1	+ ! !	 	+ ! !	
S22N5130	Slopeworks (S29) & U-Channel/Berm - Stage 5 (Cutslope)		100%	36 03-Jan-13 A	31-Jan-13 A	Cutslope)							1 1 1	1 1 1	1
S22N5140	Slopeworks (S29) - Stage 5 (Soil Nail Installation : ABCD)		100%	36 21-Nov-11 A	03-Jan-13 A								1 1 1	1 1 1	
S22N5160	Slopeworks (S29) & U-Channel/Berm - Stage 6 (Cutslope)	46	30%	36 22-Apr-13 A	24-Aug-13				Slopeworks (S	S29) & U-Cha	nnel/Berm - S	tage 6 (Cutslo	pe)	1 1 1 1	, 1 1
Constructio	on of Retaining Wall		<u> </u>	I											1
	Vall W56A, (CSD 1)														,
S22N2154	Excavate to cut-off level (Stage 1, Bay 1 - 5)		100%	60 20-Apr-11 A	06-Jul-11 A							1	1	 	
S22N2155	Excavate to cut-off level (Stage 2, Bay 5 - 9)		100%	50 26-Sep-11 A	24-Nov-11 A								1 1 1	 	
S22N2160	Base Slab for W56A		100%	141 05-Jul-11 A	19-Dec-11 A		1						1 1 1	1 1 1 1	, 1 1
S22N2165	Base Slab for W56A (Stage 1), South		100%	50 05-Jul-11 A	17-Sep-11 A							1			1
S22N2166	Base Slab for W56A (Stage 2), North		100%	56 04-Jun-12 A	14-Jul-12 A										,
S22N2170	Wall Stem		100%	172 11-Aug-11 A	17-Nov-12 A							1	- - - - - - - - - - - - - - - - - - -	1 1 1) 1 1
S22N2171	Wall Stem (Bay 1e & 1f)		100%	25 11-Aug-11 A	23-Sep-11 A							1	- 1 1 1	- 1 1 1	1
S22N2173	Wall Stem (Bay 1c & 1d, 1a & 1b, 1g)		100%	25 26-Sep-11 A	26-Oct-11 A								1 1 1	 	
S22N2174	Wall Stem (Bay 2a, 2bnb, 2b)		100%	75 16-Jul-12 A	13-Oct-12 A								1 1 1	 	
	Wall Stem (Bay 2c, 2d)		100%	30 06-Aug-12 A	03-Nov-12 A										·
	Wall Stem (Bay 3)		100%	25 31-Aug-12 A	17-Nov-12 A								1 1	 	1 1
S22N2186	Backfilling		100%	30 19-Nov-12 A	26-Jan-13 A								1 1 1	, 1 1 1	1 1 1
	Vall W56B (AD 1)												1 1 1	1 1 1	
	Prepare Piling Platform for W56B		100%	37 02-Oct-10 A	11-Feb-11 A								1 1 1	 	
S22N2220	Pre-drilling for W56B		100%	37 02-Oct-10 A	15-Nov-10 A						+			 	[
S22N2240	Pipe Pile for W56B		100%	98 20-Nov-10 A	21-Mar-11 A								1 1 1 1	1 1 1 1	
	Pipe Pile for W56B - Stage 1		100%	75 20-Nov-10 A	23-Feb-11 A								 	 	1 1 1
	Pipe Pile for W56B - Stage 2		100%	75 31-Jan-11 A	23-Sep-11 A								1 1 1	1 1 1	1
S22N2250	Construction of W56B		100%	276 17-Sep-11 A	06-Apr-13 A	в							1 1 1	1 1 1	1
S22N2251	Excavation (W56B), upper		100%	75 17-Sep-11 A	05-Jan-12 A				 			: 	 	 	 ! !
S22N2252	Excavation (W56B), Middle		100%	60 06-Jan-12 A	26-May-12 A									 	
S22N2254	Excavation (W56B), bottom		100%	60 11-May-12 A	29-Sep-12 A								1	 	1
S22N2260	Base Slab (W56B), (Bay 1 -3)		100%	25 27-Jul-12 A	10-Sep-12 A								1 1 1 1	1 1 1 1	
S22N2262	Base Slab (W56B), (Bay 4 - 8)		100%	60 27-Sep-12 A	10-Nov-12 A								- 1 1	 	u 1
S22N2264	Base Slab (W56B), (Bay 9, 10 & 12A)		100%	35 27-Jul-12 A	13-Oct-12 A							; ; ; ;	 	 	
			10070				1			1	1	1	1	1	<u> </u>

		14													
Activity	ID	Activity Name	Total	Activity %	Original Start	Finish		1	02	2013		01			2014 Q1
			Float	Complete	Duration		41	42	Q3 43	44	45	Q4 46	47	48	49 50
	S22N2270	Wall Stem (W56B), (Bay 1 - 3, Total 18 pours)		100%	75 01-Nov-12 A	06-Apr-13 A	Bay 1 - 3, Tota	ll 18 pours)							
	S22N2274	Wall Stem (W56B), (Bay 4 - 8, Total 30 pours)		100%	75 12-Nov-12 A	06-Apr-13 A	Bay 4 - 8, Tota	l 30 pours)							
	S22N2276	Wall Stem (W56B), (Bay 9 - 10, Total 12 pours)		100%	75 24-Nov-12 A	06-Apr-13 A	(Bay 9 - 10, Tot	al 12 pours							
	S22N2290	Backfilling (Bay 1 to Bay 3)		100%	15 10-Jan-13 A	19-Jan-13 A									
	S22N2292	Backfilling (Bay 4 to Bay 10)		100%	30 14-Jan-13 A	05-Mar-13 A				 	 	 			
	Roadworks	& Drainage													
	S22N4000	Roadworks, Drainages & Utilities (CH 2840 - 3140)	-5	40.89%	129 15-Jan-13 A	26-Oct-13		1	1	1	1	Roadworks,	Drainages & l	Jtilities (CH 28	40 - 3140)
	S22N4010	Roadworks Stage 1 (CH 2840 - 3000)		100%	30 15-Jan-13 A	29-Mar-13 A	2840 - 3000)								
	S22N4030	Drainages Stage 1 (CH2840 - 3000)		100%	30 15-Jan-13 A	05-Mar-13 A	p)								
	S22N4040	Road Surface Works		100%	30 21-Mar-13 A	23-Apr-13 A	e Works			- L	- <u>-</u>				
	S22N4042	Roadworks Stage 2 (CH3000 - 3140)	3	90%	30 18-Mar-13 A	29-Jul-13			Roadworks	Stage 2 (CH3	8000 - 3140)				
	S22N4044	Drainages Stage 2 (CH3000 - 3140)		100%	30 20-Feb-13 A	11-Apr-13 A	2 (CH3000 - 31	40)							
	S22N4046	Road Surface Works	3	50%	30 17-May-13 A	15-Aug-13	i		Roa	d Surface Wo	orks				
	S22N4048	Road Construction Works Remain Fast Lane (along CH2840 - 3140)	-5	0%	50 26-Aug-13	26-Oct-13						Road Const	ruction Works	Remain Fast I	ane (along CH2840 - 3
	Noise Barri	ers													
	Noise Barri														
	S22N3020	NB31A (CH 0-21.9) on W56A (incl. VO 9: Construction of double leaf acce		100%	74 15-Oct-12 A	22-Nov-12 A	pr for noise ban	rier)							
	S22N3021	NB31A (CH 0-21.9) on W56A : Erecting H-Column		100%	38 15-Oct-12 A	19-Oct-12 A					 				
	S22N3022	NB31A (CH 0-21.9) on W56A : Installing Panel		100%	36 22-Oct-12 A	22-Nov-12 A									
	South Bou									 	- - - -			· 	
	Preliminario														
	S22S0000	Site Clearance/Access Rd		100%	84 01-Apr-10 A	16-Jul-10 A									
	S22S0010	Site Clearance		100%	72 01-Apr-10 A	02-Jul-10 A									
	S22S0010	Access Road		100%	72 01 Apr 10 A 72 20-Apr-10 A	16-Jul-10 A									
				100 /8		10-301-10 A									· · · · · · · · · · · · · · · · · · ·
	Slopeworks S22S5000	Slopeworks Cut(S28-sn) (incl. VO15: Revised Layout of Slope S28)		100%	198 21-Oct-10 A	17-Aug-11 A									
		Slopeworks Cut(S28) - Stage 1 (Cutslope)		100%	23 21-Oct-10 A	16-Nov-10 A									
	S22S5010					08-Feb-11 A									
	S22S5030	Slopeworks Cut(S28) - Stage 1 (Soil Nail Installation : IJKL)		100%	23 17-Nov-10 A										
	S22S5040	Slopeworks Cut(S28) - Stage 2 (Cutslope)		100%	37 11-Dec-10 A	03-Jan-11 A				 					
	S22S5060	Slopeworks Cut(S28) - Stage 2 (Soil Nail Installation : EFGH)		100%	37 08-Feb-11 A	23-Mar-11 A									
	S22S5070	Slopeworks Cut(S28) - Stage 3 (Cutslope)		100%	36 06-Jul-11 A	17-Aug-11 A									
	S22S5090	Slopeworks Cut(S28) - Stage 3 (Soil Nail Installation : ABCD)		100%	36 20-Aug-11 A	04-Oct-11 A									
	S22S5100	Slope Reinstatement Works (Bridge 12B)	-48	0%	40 29-Aug-13	17-Oct-13			I	 	Slo	ppe Reinstate	ement Works (Bridge 12B)	
		on of Retaining Wall								 		- 1 	.		
		Vall RWB12B			1					1 1 1	1 1 1				
		Pre-drilling for RWB12B		100%	24 16-Jul-10 A	12-Aug-10 A									
	S22S2120	Piles for RWB12B		100%	116 13-Aug-10 A	20-Nov-10 A									
	S22S2130	Excavate to cut-off level		100%	60 26-Jan-11 A	09-Apr-11 A									
	S22S2140	Capping/Walling for Bay 1-2, RWB12B		100%	60 28-Mar-11 A	10-May-12 A									
	S22S2142	Capping/Walling for Bay 3-6, RWB12B		100%	75 11-May-12 A	03-Sep-12 A									
	S22S2150	Backfilling		100%	60 04-Sep-12 A	22-Jun-13 A	В	ackfilling							
	Road Re-co	onstruction Works, Roadworks & Drainage													
	S22S4000	Road Re-construction Works (CH 2840 - 3450)	-60	29.09%	185 06-May-13 A	31-Dec-13		1	1	1	1	1		Road Re-o	nstruction Works (CH
	S22S4405	Road and Drainages Works for Fast Lane (CH2840 - 3000)	-40	85%	45 06-May-13 A	02-Aug-13			Road and	Drainages W	orks for Fast	Lane (CH28	40 - 3000)		
	S22S4410	Road Surface Works for Fast Lane (CH2840 - 3000)	-40	0%	12 02-Aug-13	16-Aug-13			Roa	d Surface W	orks for Fast	Lane (CH284	0 - 3000)		
	S22S4415	Road Re-Construction Works for Mid 2 Lane (CH2840 - 3000)	-40	0%	30 16-Aug-13	21-Sep-13				F	oad Re-Con	struction Wor	ks for Mid 2 La	ane (CH2840 -	3000)
	S22S4420	Road and Drainages Works for Fast and Mid Lane (CH3000 - 3450)	-40	0%	30 16-Aug-13	21-Sep-13				- -	oad and Dra	inages Works	s for Fast and	Mid Lane (CH3	000 - 3450)
	S22S4425	Road Surface Works for Fast Lane and Mid Lane (CH3000 - 3450)	-40	0%	12 21-Sep-13	07-Oct-13					Road S	urface Work	s for Fast Lane	and Mid Lane	(CH3000 - 3450)

ctivity ID	Activity Name	Total	Activity %	Original Start	Finish				2013	
	Activity Name	Float	Complete	Duration	FINISH			Q3		
S22S4430	Road and Drainages Works for Slow Lane (CH2840 - 3450)	-40	0%	12 07-Oct-13	22-Oct-13	41	42	43	44	45
S22S4435	Road Surface Works for Slow Lane (CH3000 - 3450)	-9	0%	7 22-Oct-13	30-Oct-13					
S22S4440	Road Construction Works Remaining Works (along CH2840 - 3450)	-60	0%	7 21-Dec-13	31-Dec-13	_				
S22S4500	Roadworks for Realignment of Existing Shek Lin Road	-28	0%	30 18-Oct-13	21-Nov-13	-				
	trol & Survelance System		0,0							
S22S4820	TCSS - (Gantry 60) (incl. VO73 Revised Sign Gantry Details)	-9	0%	50 29-Aug-13	30-Oct-13					
	n of Existing Bridge 12	Ŭ	0,0							
S22S1300	Demolish Existing Parapet & Stitching Works for bridge 12 & 12B (incl. VO	-60	0%	70 08-Oct-13	31-Dec-13					
S22S1315	VO 3: Existing Bridge 12 pile cap construction	00	100%	30 17-Sep-10 A	15-Feb-11 A	_				
S22S1322	Removal of Existing Steel Barrier and Surface	39	40%	8 22-Jul-13 A	31-Jul-13	_		Bemoval o	of Existing Steel	Barrier and S
S22S1323	Stitching Works of Existing Bridge Decks B12 and B12B	39	0%	20 31-Jul-13	23-Aug-13	_			Stitching Works	
S22S1324	Road Surface of B12B for TW Slip Road	39	0%	7 23-Aug-13	31-Aug-13				Road Surfac	
S22S1324	· · ·	-60	0%	12 08-Oct-13	22-Oct-13	_				
S22S1320	Breaking the existing stitch of B12 and condition survey	-60	0%	18 10-Oct-13	31-Oct-13	_				
				8 01-Nov-13		_				
S22S1329	Removal M.J and Replacement M.J	-60	0%		09-Nov-13	_				_
S22S1331	Stitching Works for B12	-60	0%	35 11-Nov-13	20-Dec-13					
S22S1332	Road Surface Works	-60	0%	7 21-Dec-13	31-Dec-13					
Landscapin			· · · · ·							
S22S6000	Landscaping Works	-48	0%	50 18-Oct-13	14-Dec-13					
Site Area S	SA23									
PHSA2320	Possession of SA23 (Day180)		100%	0 04-May-10 A						
SA230000	Site Area SA23 Works Period	-47	77.35%	586 16-Jul-10 A	05-Dec-13					
SA230010	Site Area SA23 Works Completion	203	0%	0	05-Dec-13					
South Bou	ind									
Preliminarie	es									
S23S0000	Site Clearance / Site Access	10	92.5%	144 28-Dec-11 A	07-Aug-13			Site Cle	earance / Site Ac	ccess
S23S1000	Site Clearance		100%	72 28-Dec-11 A	27-Dec-12 A			·		
S23S2000	Site Access	10	85%	72 28-Dec-12 A	07-Aug-13			Site Ac	cess	
Slopeworks) 5		<u> </u>		I					
S21N2638	Slopeworks Fill (S27)		100%	99 29-Nov-12 A	24-Jan-13 A					
S21N26381	Slopeworks Fill (S27) - Stage 1, +45mPD		100%	33 29-Nov-12 A	07-Dec-12 A					
S21N26382	Slopeworks Fill (S27) - Stage 2, +50mPD		100%	33 08-Dec-12 A	31-Dec-12 A					
S21N26383	Slopeworks Fill (S27) - Stage 3, +55mPD		100%	33 04-Jan-13 A	24-Jan-13 A					
Landscapin										
S23S6000	Landscaping Works	-40	0%	50 07-Oct-13	05-Dec-13					
Site Area S										
PHSA2410	Possession of SA24 (Day180)		100%	0 04-May-10 A						
		-47		· · ·	05-Dec-13					
SA240000	Site Area SA24 Works Period		83.12%	788 04-May-10 A						
SA240010	Site Area SA24 Works Completion	203	0%	0	05-Dec-13					
North Bou										
Preliminarie										
S24N0000	Site Clearance/Access Rd		100%	89 25-Aug-10 A	09-Dec-10 A					
S24N0010	Site Clearance		100%	72 25-Aug-10 A	19-Nov-10 A					
S24N0020	Access Road		100%	72 07-Sep-10 A	09-Dec-10 A					
Slopeworks										
S24N5000	Slopeworks Cut(S31A)		100%	150 01-Jun-11 A	25-Nov-11 A					
S24N5010	Slopeworks Cut (S31A) & Soil Nail : Stage 1 (Upper +80mPD)		100%	60 01-Jun-11 A	06-Aug-11 A			1 1	1 1	1

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Q4			2014 Q1	
46	47	48	49	50
+	nages Works f	, ,	,	
Road Surfa	ce Works for S	Slow Lane (Cl	13000 - 3450))
1 1 1		Road Const	ruction Worl	ks Remainir
R	oadworks for I	Realignment o	f Existing Sh	ek Lin Roa
TCSS - (Ga	ntry 60) (incl. '	VO73 Revised	Sign Gantr	v Details)
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1		Damaliah E		
1	}	Demolish E	xisting Parap	et & Stitchi
Surface		1 1 1	 	
ridge Decks	B12 and B12E	\$	 	
r TW Slip Ro	ad		r	
emoval of exi	; sting central b	¦ 'arrier along B	12 and Erec	tion breakin
	e existing stite			
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Remov	al M.J and Re	1	1	1
	Stil	tching Works		
		Road Surfa	ce Works	
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1		SA24 Works		
	Site Area	SA24 Works	Completion	
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Activity ID	16 Activity Name	Total	Activity %	Original Start	Finish				2013				2014	
activity iD		Float	Complete	Duration	FILISI			Q3		Q4			Q1	
S24N5020	Slopeworks Cut (S31A) & Soil Nail : Stage 2 (Lower +72mPD)		100%	60 08-Aug-11 A	22-Oct-11 A	41	42	43	44	45 46	47	48	49	50
S24N5030			100%	30 24-Oct-11 A	25-Nov-11 A									
S24N5810			100%	60 19-Mar-13 A	08-May-13 A	Scaffolding & S	; Soil Nail Ins	tallation (Area 4	4)			 		1 1 1
S24N5831		24	45%	75 30-Apr-13 A	19-Sep-13					ope Reinstatement Works	(Bridge 12ASA	(incl. VO74)		
	ction of Retaining Wall							· · · · · · · · · · · · · · · · · · ·	1					 -
	g Wall W56B-2 (Bay 12) (AD)													
	0 Prepare Piling Platform for W56B-2		100%	24 02-Oct-10 A	07-Feb-11 A									
	0 Pre-drilling for W56B-2		100%	18 28-Oct-10 A	18-Nov-10 A									
	0 Retaining Wall W56B-2		100%	255 21-Jan-11 A	01-Dec-11 A									1
S24N214			100%	75 21-Jan-11 A	23-Sep-11 A									
	0 Excavation, upper		100%	75 26-Sep-11 A	13-Jan-12 A									
S24N215			100%	60 26-Sep-11 A	19-Apr-12 A									1
	5 Excavation, Bottom		100%	75 11-May-12 A	26-Jul-12 A									
S24N216			100%	75 27-Jul-12 A	25-Aug-12 A									
	2 Retaining Wall Structure (Bay 12B)		100%	40 01-Oct-12 A	23-Nov-12 A							i J		i
	0 Drainage & Backfilling W56B-2		100%	75 27-Feb-13 A	22-May-13 A	Drainage & Ba	ekfilling W							
	g Wall W57A		100 /8	13 21-1 60-10 A	22-101ay-13 A									
	0 Construction of W57A	-59	96%	35 26-Jun-13 A	27-Jul-13			Constructio	n of W57A					
	2 Construction of Structure W57A (W57B - bay1 to bay2)	-33	100%	20 26-Jun-13 A	23-Jul-13 A					57A (W57B - bay1 to bay2				
	Backfilling	-59	80%		23-Jul-13 27-Jul-13			Backfilling		57A (W57B - Day1 to Day2				
		-09	0076	7 22-Jul-13 A	27-Jul-13		L	Backining						
	g Wall W57B (AD 2) 0 Prepare Piling Platform for W57B	1	100%	18 11-Jan-11 A	31-Jan-11 A									
			100%											
	0 Pre-drill for W57B		100%	20 01-Apr-11 A	13-Apr-11 A									
	0 Piles for W57B		100%	45 01-Apr-11 A	14-May-11 A									
	0 Excavate at W57B		100%	75 26-May-11 A	23-Aug-11 A									
	0 Retaining Wall W57B	00	100%	75 19-Apr-12 A	11-Dec-12 A					-70				
	0 Backfilling & Drainage W57B	-60	97%	60 25-Jan-13 A	27-Jul-13		-	Backfilling	& Drainage W	р/В				
	g Wall W57C, (CSD 2)	1 1	1000(
	2 Pre-drilling for W57C		100%	20 26-Mar-11 A	19-Apr-11 A									
S24N240			100%	45 01-Apr-11 A	14-May-11 A									
S24N240			100%	75 26-May-11 A	23-Aug-11 A									
S24N240			100%	75 19-Apr-12 A	13-Dec-12 A									
S24N242		-60	97%	54 25-Jan-13 A	27-Jul-13			Backfilling	& Drainage for	W57C				
	g Wall RWB12A	1										; ; 		
S24N150			100%	195 04-Jun-11 A	31-Jan-12 A									1
	0 Piling of RWB12A, Stage 1 (28/34 nos)	ļļ	100%	60 04-Jun-11 A	31-Aug-11 A									
S24N151			100%	24 01-Sep-11 A	23-Sep-11 A									1 1 1
S24N151			100%	36 26-Nov-11 A	10-Jan-12 A									
S24N152			100%	60 23-Apr-12 A	17-Apr-13 A	Base Slab, RV								
	2 Construction of Wall, RWB12A		100%	40 18-Apr-13 A	07-Jun-13 A		1	al, RWB12A						,
S24N153			100%	20 09-May-13 A	25-Jun-13 A		Backfilling							1
S24N154	0 Construction the wing slab of RWB12A	-35	0%	30 24-Aug-13	30-Sep-13				1	Construction the wing s	ab of RWB12	4		
	ks, Drainage & Utilities													1 1 1
S24N4000		-40	0%	109 27-Jul-13	05-Dec-13					· · ·	Roadwor	ks, Drainages	& Utilities (c	h3140-34
S24N4015	6 Road and Drainage Works	-60	0%	10 27-Jul-13	08-Aug-13			- i	and Drainage	i i				
S24N4025		-60	0%	14 08-Aug-13	24-Aug-13					Works for Mid and Slow I	ane			
S24N4026		-60	0%	0	24-Aug-13			♦	TTA - Stage	4B-3				
S24N4035	Road Construction Fast Lane and Remaining Works (along CH3140 - 3400)	-40	0%	50 08-Oct-13	05-Dec-13						Road Co	hstruction Fas	t Lane and F	{emaining

ctivity ID	Activity Name	Total	Activity %	Original Start	Finish			2013	
		Float	Complete	Duration		41	42	Q3 43 44	45
Landscapi	ing					41	42	43 44	40
S24N6000	Landscaping Works	-40	0%	50 08-Oct-13	05-Dec-13				
Site Area	SA25								
PHSA2520	Possession of SA25 (Day270)	i	100%	0 04-May-10 A					
SA250000	Site Area SA25 Works Period (incl, Provision of hoarding at site boundary	212	83.9%	770 04-May-10 A	26-Nov-13				
SA250010	Site Area SA25 Works Completion	212	0%	0	26-Nov-13				
SA250020	Temporary Traffic Management (Detail shall refer to supplementary inform	170	86.54%	765 04-May-10 A	26-Nov-13				·
SA250030	Overall Utility Diversion (Detail shall refer to supplementary information)	170	86.54%	765 04-May-10 A	26-Nov-13				
South Bo									
Preliminar									
S25S0000	Site Clearance/Access Rd (ch3400-3600)		100%	97 20-Oct-10 A	16-Feb-11 A				
S25S0010	Site Clearance (ch3400-3600)		100%	75 20-Oct-10 A	18-Jan-11 A				
S25S0020	Access Road (ch3400-3600)		100%	75 15-Nov-10 A	16-Feb-11 A				
Slopework									
S25S5000	Slopeworks Fill(S30A)		100%	60 15-Oct-12 A	10-Nov-12 A				
S25S5010	Slopeworks Fill (S30A) - Stage 1: +53.5mPD		100%	30 15-Oct-12 A	30-Oct-12 A				
S25S5020	Slopeworks Fill (S30A) - Stage 2: 55.8mPD		100%	30 31-Oct-12 A	10-Nov-12 A			· · · · · · · · · · · · · · · · · · ·	
S25S5110	Slope Reinstatement Works (Bridge 13A)	-32	0%	25 28-Aug-13	26-Sep-13				Slope Reinstate
S25S5140	Slope Reinstatement Works (Bridge LB1)	-32	0%	25 27-Sep-13	28-Oct-13				
S25S5150	Slope Reinstatement Works (S30A)	-32	0%	25 29-Oct-13	26-Nov-13				
		-52	078	23 23-001-13	20-1100-13				
	ion of Retaining Wall Wall W58B, (CSD 2)							· · · · · · · · · · · · · · · · · · ·	·
S25S2020		1	100%	25 01-Nov-10 A	30-Nov-10 A				
S25S2020			100 %	10 01-Nov-10 A	31-Dec-10 A				
S25S2050			100 %	75 13-May-11 A	15-Sep-12 A				
S25S2050			100%	45 05-Nov-12 A	08-Feb-13 A				
			100%	45 05-110V-12 A	00-Feb-13 A				
Hoad He-c S25S4000	construction Works, Roadworks & Drainage	273	100%	100 07 Ech 12 A	06 htt 10			Deadworke Drains and 9	
	Roadworks, Drainages & Utilities (CH 3400 - 3600)	273	100%	109 27-Feb-13 A	26-Jul-13		the for Mid	Roadworks, Drainages &	Utilities (CH 3400
S25S4025	Road Works for Mid and Slow Lane		100%	60 27-Feb-13 A	03-Jun-13 A			and Slow Lane	
S25S4030	Drainages Works		100%	60 04-Mar-13 A	19-Apr-13 A	rks			
S25S4040	Road Surface for Mid and Slow Lane		100%	10 31-May-13 A	21-Jun-13 A			e for Mid and Slow Lane	
S25S4060	Removal of existing central barrier and forming temporary road (CH 3350		100%	12 24-Jun-13 A	09-Jul-13 A		Rem	oval of existing central barri	er and forming ten
S25S4070	Road Construction and Remaining Works (along CH 3400 - 3600)	-20	0%	30 08-Oct-13	12-Nov-13				
S25S4200	Slip Road H	15	0%	50 02-Aug-13	30-Sep-13				Slip Road H
	riers & Road Barriers								
Noise Barr		1					¦	· · · · · · · · · · · · · · · · · · ·	
S25S3000			100%	95 13-Nov-12 A	04-Feb-13 A				
S25S3010			100%	36 13-Nov-12 A	03-Jan-13 A				
S25S3020			100%	36 23-Jan-13 A	04-Feb-13 A				
	ntrol & Survelance System	1	1						
S25S4810	TCSS - Stage 1 (Bridge 13A)		100%	30 08-Apr-13 A	25-May-13 A	TCSS - Stage	e 1 (Bridge	13A)	
Site Area	SA26								
PHSA2620	Possession of SA26 (Day0)		100%	0 26-Feb-10 A					
SA260000	Site Area SA26 Works Period	-72	86.92%	1216 26-Feb-10 A	31-Dec-13				
SA260010	Site Area SA26 Works Completion	-72	0%	0	31-Dec-13				
SA260020	Temporary Traffic Management (Detail shall refer to supplementary inform	-60	86.67%	983 26-Feb-10 A	31-Dec-13		:		
	Overall Utility Diversion (Detail shall refer to supplementary information)	-	86.67%					·	

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Q4			2014 Q1	
46	47	48	49	50
1	Landscap	ing Works	, , ,	1 1 1
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	Site Area SA2		1	vision ot no
	Site Area SA2			
	Temporary Tr	affic Manager	nent (Detail	shall refer t
	Overall Utility	Diversion (De	tail shall ref	er to supple
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	s (Bridge 13A		, , ,	, , ,
Slope Reinst	tatement Work	ks (Bridge LB1)	
	Slope Reinsta	atement Work	s (S30A)	
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Road	Construction	and Remainin	g Works (al	ong CH 340
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	<	Site Area S	A26 Works (Completion
1 1 1		Temporary	Traffic Mana	gement (De
L	L	Overall Utili	y Diversion	Detail shal
1			1	1

	18														
Activity ID	Activity Name	Total	Activity %	Original Start	Finish			Q3	2013		Q4			2014 Q1	
		Float	Complete	Duration		41	42	43	44	45	46	47	48	49	50
SA260040	Additional work to existing ball valves, HKCG	19	0%	52 26-Jul-13	25-Sep-13					Additional wo	rk to existing	ball valves, H	KCG		1
North Bou	Ind										1				1
Preliminari															, !
S26N0000	Site Clearance/Access Rd (Tai Wo Road)		100%	150 26-Feb-10 A	28-Aug-10 A				 	 	! ! !	 	 		,
S26N0010	Site Clearance (Tai Wo Road)		100%	75 26-Feb-10 A	31-May-10 A										
S26N0020	Access Road (Tai Wo Road)		100%	75 01-Jun-10 A	28-Aug-10 A										1
Slopework										1 1 1					1
S26N5000	Slopeworks Cut(S31A-sn)		100%	150 01-Jun-11 A	25-Nov-11 A										1
S26N5010	Slopeworks Cut(S31A-sn) - Stage 1 (Upper +65mPD)		100%	50 01-Jun-11 A	06-Aug-11 A				 	 	! ! !	 	 		, !
S26N5020	Slopeworks Cut(S31A-sn) - Stage 2 (Middle +60mPD)		100%	50 08-Aug-11 A	22-Oct-11 A										1
S26N5030	Slopeworks Cut(S31A-sn) - Stage 3 (Lower +55mPD)		100%	50 24-Oct-11 A	25-Nov-11 A										1
S26N5040	Remaining Works of S31A	-14	0%	40 16-Sep-13	05-Nov-13					1	Remainii	ng Works of S	31A		1
Constructi	on of Retaining Wall														1
Retaining \	Wall W59										 	 	 		, , ,
S26N2000	Excavate & Construct W59 (w/SP)		100%	286 01-Mar-12 A	22-Mar-13 A	(w/SP)				 	1 1 1	1 1 1	 		:
S26N2002	W59: Base Slab of Bay 1-3		100%	60 01-Mar-12 A	04-Jun-12 A										, !
S26N2004	W59: Wall of Bay 1-3		100%	60 02-Jul-12 A	24-Dec-12 A										1
S26N2006	W59: Base Slab & Wall of Bay 9-12a		100%	56 19-Apr-12 A	12-Jan-13 A										1
S26N2008	W59: Excavation + Soil Nail for Bay 4-8		100%	45 19-Apr-12 A	09-Jul-12 A										1
S26N2012	W59: Base Slab of Bay 4-8		100%	40 16-Jul-12 A	24-Dec-12 A						T	T			
S26N2014	W59: Wall of Bay 4-8		100%	75 27-Aug-12 A	02-Feb-13 A										1
S26N2020	Backfilling		100%	24 23-Apr-12 A	22-Mar-13 A										<i>i</i> 1
Roadworks	s, Drainage & Utilities			,											1
S26N4000	Roadworks, Drainages & Utilities (ch3400-3720)	-40	0%	98 09-Aug-13	05-Dec-13								ks, Drainages	& Utilities (cl	n3400-37
S26N4035	Removal of existing paving	-34	0%	7 09-Aug-13	17-Aug-13			💻 Rei	moval of existi			1 1 1			
S26N4055	Road and Drainage Works for Slow and Mid Lane	-34	0%	25 17-Aug-13	16-Sep-13				Roa	ad and Draina	ge Works for	Slow and Mid	Lane		1
S26N4065	Road Surface for Slow and Mid Lane	-34	0%	10 16-Sep-13	28-Sep-13					Road Surfac	e for Slow an	d Mid Lane	1		1
S26N4075	Road Construction Fast Lane and Remaining Works (along CH3400 - 3720)	-40	0%	50 08-Oct-13	05-Dec-13						1	Road Co	hstruction Fas	t Lane and R	{emainin;
Traffic Con	trol & Survelance System		<u> </u>												<i>i</i> 1
	TCSS - (15m High mast M9), (SEC Poles SC24/ S24) & (Gantry 24) (incl	-14	0%	40 16-Sep-13	05-Nov-13			·¦			TCSS - (15m High ma	st M9), (SEC I	Poles SC24/	S24) & (C
Modificatio	on of Existing Bridge		<u> </u>		I										1
	on of Existing Bridge 13														1
S26N1200	VO 27: Temporary access and lighting for inspection on Bridge Deck interi		100%	10 02-Jan-12 A	17-Jan-12 A						1				1
S26N1210	Construction of Temporary Pier supports & Installation of Jacks	-60	2.24%	134 22-Jul-13 A	31-Dec-13		_			 	1	1	Constructio	n of Tempora	ary Pier s
S26N1260	Removal of existing central barrier along B13, Erection breaking platform a	-60	10%	14 22-Jul-13 A	09-Aug-13		···¦····	Remov	al of existing	central barrie	along B13, E	rection break	ing platform a	nd re-constru	ction of e
S26N1270	Breaking the existing stitch of B13 and conditional survey	-60	0%	25 27-Jul-13	24-Aug-13				Breaking the		1	1	1		1
S26N1330	Removal existing M.J, Bridge Jacking and replacement bearing & M.J	-60	0%	35 26-Aug-13	07-Oct-13					Remova	existing M.J	, Bridge Jacki	ng and replac	ement bearin	g & M.J
S26N1340	TTA - Stage 4B-4	-60	0%	0	07-Oct-13					🔷 TTA - S	age 4B-4	1 1 1	1 1 1		i 1
S26N1350	Stitch Works for B13	-60	0%	35 08-Oct-13	18-Nov-13						Sti	tch Works for	B13		/ 1
S26N1360	Road Surfacing and Road Diversion	-60	0%	35 19-Nov-13	31-Dec-13							÷	Road Surfa	cing and Roa	ad Divers
Landscapi	ng	1	·												1
S26N6040	Landscaping Works (CH3400 - 3720)	-34	0%	50 28-Sep-13	28-Nov-13					1 1	i 1	Landscapin	Works (CH3	400 - 3720)	1
South Bou	und									1 1 1		1 1 1	1 1 1		1
Preliminari										1 1 1		1 1 1	1 1 1		1
S26S0000	Site Clearance/Access Rd (Tai Wo Road)		100%	129 26-Feb-10 A	04-Aug-10 A										,
S26S10	Site Clearance (Tai Wo Road)		100%	80 26-Feb-10 A	05-Jun-10 A										1
S26S20	Access Rd (Tai Wo Road)		100%	80 29-Apr-10 A	04-Aug-10 A										1
Slopework			<u> </u>	·	~										(

	19							
ctivity ID	Activity Name	Total	Activity %	Original Start	Finish		2013 2014 2014 Q3 Q4 Q1	
		Float	Complete	Duration		41 42	43 44 45 46 47 48 49	50
S26S5000	Slopeworks Fill(S32)	-48	0%	24 18-Feb-13 A	05-Oct-13		Slopeworks Fill(S32)	
S26S5010	Slopeworks Fill (S32) - Stage 1 (Lower +42mPD)		100%	20 18-Feb-13 A	30-May-13 A	Slopeworks Fill (S32) -	Stage 1 (Lower +42mPD)	
S26S5020	Slopeworks Fill (S32) - Stage 2 (Upper +45mPD)	-48	10%	20 08-Jun-13 A	05-Oct-13		Slopeworks Fill (S32) - Stage 2 (Upper +45mPD)	
S26S5110	Slope Reinstatement Works (besides LB3)	24	0%	24 04-Mar-13 A	18-Sep-13		Slope Reinstatement Works (besides LB3)	
S26S5120	Slope Reinstatement Works (besides LB3) - Lower: below +24mPD	24	50%	20 04-Mar-13 A	26-Aug-13		Slope Reinstatement Works (besides LB3) - Lower: below +24mPD	
S26S5130	Slope Reinstatement Works (besides LB3) - Upper: above +24mPD	24	0%	20 27-Aug-13	18-Sep-13		Slope Reinstatement Works (besides LB3) - Upper: above +24mPD	
Constructi	on of Retaining Wall							
Retaining	Wall RWTW1, (CSD 1)							
S26S1289	Pre-drilling for RWTW1 part 1		100%	11 26-May-11 A	08-Jun-11 A			
S26S1290	Construct RWTW1N & RWTW1S	-47	90.77%	325 26-Nov-11 A	29-Aug-13		Construct RWTW1N & RWTW1S	
S26S1391	Temp. Working Platform		100%	30 26-Nov-11 A	17-Dec-11 A			
S26S1392	Construction of Structure (mini piles)		100%	60 04-Jan-12 A	31-Jan-12 A			
S26S1394	Construction of Structure (part 1, Half of North & South RW)		100%	50 29-Dec-11 A	17-Feb-12 A			
S26S1395	Backfilling (part 1, Half of North & South RW)		100%	30 18-Feb-12 A	23-Feb-13 A	h RW)		
S26S1401	ELS Works, Excavation and Protection Existing Gas Main		100%	20 25-Mar-13 A	21-Jun-13 A	ELS Works, E	xcavation and Protection Existing Gas Main	
S26S1402	Construction of Structure (part 2, Remaining RW)		100%	35 19-Apr-13 A	17-Jul-13 A	c	onstruction of Structure (part 2, Remaining RW)	
S26S1403	Backfilling (part 2, Remaining RW)	-47	20%	15 21-Jun-13 A	08-Aug-13		Backfilling (part 2, Remaining RW)	
S26S1404	Roadworks	-47	0%	18 09-Aug-13	29-Aug-13		Roadworks	
Retaining	Wall RWTW2, (CSD 1)		,,					
S26S1379	Pre-drilling for RWTW2		100%	12 12-Jan-11 A	25-Jan-11 A			
S26S1380	Piling/Excavate & Construct RWTW2	-37	96.71%	609 26-May-11 A	17-Aug-13		Piling/Excavate & Construct RWTW2	
S26S1381	Minipile Piling works, Stage 1 (Half Bay 1)		100%	50 26-May-11 A	24-Sep-11 A			
S26S1382	Piling platform for Stage 2 (Bay 2-4)		100%	9 19-Apr-12 A	04-Jun-12 A			
S26S1383	Minipile piling works, stage 2 (31 nos.)		100%	58 04-Jun-12 A	08-Aug-12 A			
S26S1384	Base slab of RWTW2 (stage 1 & 2: half Bay1 & Bay 2-4)		100%	75 26-Nov-11 A	10-Nov-12 A			
S26S1386	Wall of RWTW2 (stage 1 & 2: half Bay1 & Bay 2-4)		100%	48 12-Nov-12 A	22-Jan-13 A			
S26S1520	Construction of Remain of RWTW2 (stage 3: Remaining Half Bay 1, Conn		100%	50 18-Feb-13 A	04-Jun-13 A	Construction of Rem	in of RWTW2 (stage 3: Remaining Half Bay 1, Connection to LB2)	
S26S1530	Backfilling of RWTW2		100%	20 02-May-13 A	18-Jun-13 A	Backfilling of R	WTW2	
S26S1540	Roadworks	-37	0%	20 26-Jul-13	17-Aug-13		Roadworks	
Retaining	Wall RWTW3, (VO)							
			100%	12 28-Dec-10 A	11-Jan-11 A			
		-41	96.61%	708 01-Aug-11 A	22-Aug-13		Pilling/Excavate/& Construct RWTW3	
			100%	24 01-Aug-11 A	23-Sep-11 A			
S26S1592			100%	24 28-Dec-11 A	28-Jan-12 A			
S26S1593			100%	20 03-Jul-12 A	31-Jul-12 A			
S26S1596			100%	60 20-Aug-12 A	10-Nov-12 A			
S26S1598			100%	60 17-Sep-12 A	14-Jan-13 A			
S26S1600			100%	25 22-Jan-13 A	12-Apr-13 A	ary cut to slope toe		
			100%	40 13-Apr-13 A	17-Jun-13 A		II Slope (Bay 1 -Bay 7)	
S26S1604			100%	40 12-Nov-12 A	12-Dec-12 A			
S26S1606		-41	50%	20 19-Jun-13 A	06-Aug-13		VO 51.1: Remaining Rockfill below LB3	
S26S1608		-41	20%	30 26-Jun-13 A	22-Aug-13		VO 51.1: Roadworks	
	Wall RWTW3A							
	Construction of RWTW 3A	59	92.85%	168 01-Oct-12 A	08-Aug-13		Construction of RWTW 3A	
			100%	32 01-Oct-12 A	15-Nov-12 A			
S26S1628			100%	25 16-Nov-12 A	24-Nov-12 A			
			100%	70 26-Nov-12 A	27-Apr-13 A	nstruction RWTW 3A		
S26S1658	Backfill RWTW 3A		100%	20 06-May-13 A	15-Jun-13 A	Backfill RWTW	DM I I I I I I I I I I I I I I I I I I I	

	20														
Activity ID	Activity Name	Total Float	Activity %	Original Start Duration	Finish				Q3	2013	Q4			2014 Q1	
			Complete				41	42	43	44	45 46	47	48	49	50
		59	60%	30 26-Jun-13 A	08-Aug-13				Roadw	vorks					
	Wall W60 & W61A (CSD 2)														
S26S2020	Pre-drilling for W60 & W61A		100%	7 06-May-11 A	24-Jun-11 A				 			 			
S26S2030	Mini Piles for W60 & W61A		100%	30 15-Jun-11 A	20-Aug-11 A										
S26S2040	Excavation		100%	50 19-Apr-12 A	25-Aug-12 A	1									
S26S2050	Construct Cap & Wall		100%	52 06-Jun-12 A	31-Aug-12 A										
S26S2060	Backfilling		100%	30 04-Sep-12 A	10-Apr-13 A										
Temporary	Bridge bet. RWTW2 & RWTW1					1									
S26S2520	TTA Stage 5		100%	0 27-Sep-12 A					·!			1			
Road Re-c	onstruction Works, Roadworks, Drainage & Utilities		JJ									1			
S26S4000	Roadworks, Drainages & Utilities (Landing between B13A & B15A within C		100%	62 18-Feb-13 A	21-Jun-13 A		- Ro	adworks, [Drainages & Uti	lities (Landing	between B13A & B15A wit	hin CH 3600 -	3720)		
S26S4002	Removal of existing paving of landing area		100%	12 18-Feb-13 A	09-Apr-13 A) paving	g of land	ing area							
S26S4005	Road Works		100%	25 10-Apr-13 A	31-May-13 A		ad Work	6							
S26S4006	Drainages Works		100%	15 23-Apr-13 A	30-May-13 A	Dra	inages V	Vorks						L	
S26S4010	Road Surface Works (incl. VO14: Revised Layout of Police Observation Pl		100%	10 01-Jun-13 A	21-Jun-13 A		- Ro	ad Surface	Works (incl. V	/014: Revised	Layout of Police Observat	on Platform a	t CH3700)		
Noise Barr	iers & Road Barriers														
Noise Barr															
S26S3000			100%	60 15-Mar-13 A	18-Jun-13 A		Cor	struct Nois	e Barrier & Bea	am Barrier. NF	335				
S26S3010			100%	30 15-Mar-13 A	11-May-13 A				ation Works. N		······				
S26S3020	Construct Noise Barrier : Installation of H-coulmn & Panel NB35		100%	7 17-May-13 A	18-Jun-13 A				i i	i.	oulmn & Panel NB35				
S26S3030		-48	0%	10 31-Aug-13	12-Sep-13						aining Works of NB35				
		-40	0 78	10 31-Aug-13	12-360-13										
S26S4800	ntrol & Survelance System	-13	84.27%	57 12-Mar-13 A	05-Aug-13				TCSS			- - - -			
	TCSS - Stage 1 (LB1) (VSLS Pole P55)	54				·				C. Store 1 /I	B1) (VSLS Pole P55)			 	
S26S4810		-28	95%	30 12-Mar-13 A	12-Aug-13										
S26S4820	TCSS - Stage 1 (LB2) TCSS - Stage 1 (LB3), (Gantry G101) (incl. VO73 Revised Sign Gantry Det		30%	15 15-Jul-13 A 30 10-Jun-13 A	07-Aug-13					Stage 1 (LB2)			Contru Dotoil		
S26S4830		-13	70%	30 10-Jun-13 A	05-Aug-13				1055-	Stage I (LD3)	, (Gantry G101) (incl. VO7:	Revised Sigr	Gantry Detail	\$)	
Landscapi															
S26S6000	Landscaping Works	-48	0%	60 05-Oct-13	16-Dec-13								dscaping Worl	I I L	
S26S6010	Landscaping Works - Stage 1, East of B13A	-48	0%	30 05-Oct-13	11-Nov-13						Land	i	s - Stage 1, Ea	i i	
S26S6040	Landscaping Works - Stage 2, West of B13A	-48	0%	30 11-Nov-13	16-Dec-13							Lan	dscaping Worl	ks - Stage 2, V	Vest of I
Middle La															
	onstruction Works, Roadworks & Drainage														
S26S4014	Removal of existing paving (CH3400 - CH3720)	-10	0%	25 26-Aug-13	24-Sep-13						Removal of existing paving	. 1	J		
S26S4019	Road Works and Surface Works (CH3400 - 3720)	-10	0%	30 25-Sep-13	31-Oct-13						Road Wo	ks and Surfac	e Works (CH3	400 - 3720)	
Construct	ion of Bridge 12B														
S22S1310	Construction of Bridge 12B		100%	367 15-Apr-10 A	20-Jul-13 A				Construction of	Bridge 12B					
Preparato	ry and Enabling Works														
S22S1210	Prepare Piling Platform		100%	38 15-Apr-10 A	31-May-10 A										
S22S1220	Pre-drilling Works		100%	26 15-Apr-10 A	15-May-10 A					·	· · · · · · · · · · · · · · · · · · ·			L	
	tion Works of Bridge 12B														
S22S1230	Socketed H-Pile (B12BP8)		100%	62 01-Jun-10 A	13-Aug-10 A										
S22S1250	Modify Pile caps & Additional Foundation (B12BP8)		100%	101 02-Jul-10 A	30-Oct-10 A										
S22S1250	Excavation & ELS Works		100%	36 02-Jul-10 A	12-Aug-10 A										
S22S12S1 S22S1260	VO 17.1: Modify Pilecap of Bridge 12, Pier 5, 6 & 7 (Deleted)			48 18-May-12 A	28-May-12 A						· · · · · · · · · · · · · · · · · · ·				
			100%												
S22S1270	VO 17.1: Modify Pilecap of Bridge 12, Pier 8 (Deleted)		100%	48 18-May-12 A	28-May-12 A										
S22S1280	VO 17.2: Piling for C9		100%	24 26-Jul-11 A	20-Aug-11 A										
S22S1290	VO 17.2: Piling for C10		100%	20 26-Sep-11 A	08-Oct-11 A							1			

	21											
Activity ID	Activity Name	Total	Activity %	Original Start	Finish			2013	04		2014	
		Float	Complete	Duration		41	42	Q3 43 44 45	Q4 46	47	Q1 48 49	50
S22S1340	VO 17.2: Pilecap construction of C9		100%	60 06-Mar-12 A	02-Jun-12 A							
S22S1350	VO 17.2: Pilecap construction of C10		100%	54 01-Jun-12 A	21-Aug-12 A							
S22S1400	VO 17.2: Backfilling & Site Formation		100%	24 11-May-12 A	05-Jan-13 A							
S22S1410	VO 17.2: Pier Construction of C9 & C10		100%	94 01-Jun-12 A	20-Sep-12 A							
S22S1420	VO 17.2: Pier Construction of C9		100%	60 01-Jun-12 A	31-Jul-12 A							
S22S1430	VO 17.2: Pier Construction of C10		100%	75 28-Aug-12 A	13-Oct-12 A							1
S22S1440	Construction of 12B North Abutment		100%	75 26-Aug-11 A	31-Oct-11 A							
S22S1450	VO 17.2: Deck Construction (Bearings, Drainage & MJ inculded)		100%	179 20-Dec-12 A	20-Jul-13 A		`	VO 17.2: Deck Construction (Bearings, Dra	aihage & MJ ind	ulded)		
S22S1460	VO 17.2: Scaffolding & Falsework		100%	35 20-Dec-12 A	28-Mar-13 A	alsework						
S22S1470	VO 17.2: Deck Formwork, Steel Fixing and Concreting - C9 - C10 (Stage 1)		100%	65 14-Mar-13 A	12-Jul-13 A		VO	17 2: Deck Formwork, Steel Fixing and Co	ncreting - C9 -	C10 (Stage 1)		
S22S1480	VO 17.2: Deck Formwork, Steel Fixing and Concreting - NA to C9 (Stage 2)		100%	65 23-Mar-13 A	12-Jul-13 A		🗖 vo	17 2: Deck Formwork, Steel Fixing and Co	ncreting - NA tr	o C9 (Stage 2)		
S22S1500	Stressing		100%	5 15-Jul-13 A	20-Jul-13 A			Stressing				
S22S1520	Parapet (Steel Barrier)	-48	0%	15 26-Jul-13	12-Aug-13			Parapet (Steel Barrier)				
S22S1540	Road surface & road work	-48	0%	14 13-Aug-13	28-Aug-13			Road surface & road wor	k			
Construct	ion of Bridge 12A											
S24S1280	Construction of Bridge 12A (incl. VO29 & VO37: revised piling details and	52	95.68%	451 25-Aug-10 A	17-Aug-13			Construction of Bridge 12A (in	d. VO29 & VO	37: revised pilina	details and pile caps	s sleevina
	and Enabling Works											
S24N1210	Site Clearance		100%	42 25-Aug-10 A	14-Oct-10 A							
S24N1210	Haul Road		100%	42 25-Aug-10 A	14-Oct-10 A							
S24N1220	Gas main Diversion, HKCG		100%	55 25-Aug-10 A	22-Apr-11 A							
S24N1230	11 KV Cable Diversion		100%	55 25-Aug-10 A	30-Oct-10 A	_						
S24N1250	Telephone Cable Diversion		100%	55 25-Aug-10 A	30-Oct-10 A							
	ture and Pier Construction											
South Abu												
S24N1260	Piling-South Abutment		100%	29 15-Oct-10 A	19-Jan-11 A							
S24N1261	Preparing piling platform		100%	18 15-Oct-10 A	05-Nov-10 A				-++			
S24N1262	Pre-drilling		100%	18 15-Oct-10 A	05-Nov-10 A							
S24N1263	Piling (21nos)		100%	43 27-Nov-10 A	19-Jan-11 A							
S24N1310	Excavation & Cap-South Abutment		100%	35 04-May-11 A	04-Jun-11 A							
S24N1360	Pier & backfill, South Abutment		100%	36 27-Jun-11 A	17-Aug-11 A							
Pier 1												
S24N1270	Piling-Pier 1 (15nos)		100%	30 02-Mar-11 A	07-Apr-11 A							
S24N1320	Cap-Pier 1 & Backfill		100%	36 23-May-11 A	05-Jul-11 A							
S24N1370	Pier 1 (Pierhead included)		100%	96 26-Sep-11 A	17-Dec-11 A							
Pier 2												
S24N1280	Piling-Pier 2 (15nos)		100%	38 02-Aug-10 A	15-Sep-10 A							
S24N1330	Cap-Pier 2 & Backfill		100%	38 20-Nov-10 A	19-Jan-11 A							
S24N1380	Pier 2 (Pierhead included)		100%	96 14-Apr-11 A	12-Aug-11 A							
Pier 3												
S24N1290	Piling-Pier 3 (15nos)		100%	38 16-Feb-11 A	27-Apr-11 A							
S24N1340	Cap-Pier 3 & Backfill		100%	32 26-May-11 A	04-Jul-11 A					1	1	
S24N1390	Pier 3 (pierhead included)		100%	96 11-Jul-11 A	02-Nov-11 A							
North Abut	tment											
S24N1300	Pre-drilling & Preparation for Piling (incl. VO 39: Revised Foundation for N		100%	24 26-May-11 A	23-Jun-11 A							
S24N1302	ELS for North abutment		100%	75 19-Jan-12 A	07-Nov-12 A							
C04N112E0	Cap-North Abutment		100%	25 08-Nov-12 A	20-Nov-12 A							
S24N1350			1			1			1 1	1	1	1

vity ID	Activity Name	Total	Activity %	Original Start	Finish	2013 2014
ity ib		Float	Complete	Duration		Q3 Q4 Q1
S24N1410	Deck-South Abutment to Pier 1	_	100%	62 07-Dec-11 A	26-Apr-12 A	<u>41 42 43 44 45 46 47 48 49 50</u>
S24N1420	Deck-Pier 1 to Pier 2		100%	75 23-Apr-12 A	30-Aug-12 A	
S24N1430	Deck-Pier 2 to Pier 3	_	100%	75 02-Jun-12 A	22-Dec-12 A	
S24N1434	Erection of Falsework	_	100%	25 29-Dec-12 A	22-Jan-13 A	
S24N1440	Deck-Pier 3 to North Abutment		100%	60 22-Jan-13 A	30-Apr-13 A	3 to North Abutment
S24N1444	Dismantling of Falsework	24	75%	25 14-May-13 A	02-Aug-13	Dismantling of Falsework
S24N1450	Parapet (icl, precast concrete skin)	_	100%	21 18-Feb-13 A	09-Jul-13 A	Parapet (icl, precast concrete skin)
S24N1457	Erecting Railing (Short Column and barrier)	52	0%	10 26-Jul-13	06-Aug-13	Erecting Railing (Short Column and barrier)
S24N1463	Noise Barrier (Erecting H-Column and Panel)	52	70%	15 06-Jun-13 A	31-Jul-13	Noise Barrier (Erecting H-Column and Panel)
S24N1470	Road Lighting	52	0%	12 31-Jul-13	14-Aug-13	Road Lighting
S24N1480	Surfacing	52	0%	12 31-Jul-13	14-Aug-13	Surfacing
S24N1490	Inspection and Handover of Bridge 12A	52	0%	3 14-Aug-13	17-Aug-13	Inspection and Handover of Bridge 12A
Construct	tion of Bridge LB2					
	Construction of Bridge LB2 (incl. VO29 & 37: revised piling details and pile	-48	95.12%	641 16-Apr-11 A	31-Aug-13	Construction of Bridge LB2 (incl. VO29 & 37: revised piling details and pile caps sleevin
	bry and Enabling Works		00.1270			
S26S1205	Gas main Diversion at East Abutment (No Connection)		100%	15 24-Jan-13 A	28-Feb-13 A	t (No Connection)
S26S1205	Temporary Traffic Arrangement for Piling Work		100%	75 28-Dec-11 A	04-Jun-12 A	
			100 %	75 20-Dec-11 A	04-3011-12 A	
	ture and Pier Construction					
TW4	Evenuetien and lateral evenent		1000/	00 05 Mar 10 A	00 km 10 A	
S26S1203	Excavation and lateral support	_	100%	20 05-Mar-12 A	30-Jun-12 A	
S26S1204	Coring and backfill for Piling works		100%	75 02-Jul-12 A	28-Jul-12 A	
S26S1212	Piling-TW4 (20)		100%	49 30-Jul-12 A	17-Oct-12 A	
S26S1217	Pile Load Test (1 Tension & 2 compression)	_	100%	25 31-Oct-12 A	22-Nov-12 A	
S26S1222	Cap-TW4 & Backfill		100%	35 23-Nov-12 A	05-Feb-13 A	
S26S1225	Pier-TW4 Pier		100%	35 06-Feb-13 A	16-Mar-13 A	
TW5		1				
S26S1206	Els, coring and backfill for Piling works		100%	30 19-Jun-12 A	12-Oct-12 A	
S26S1210	Piling-TW5 (20)		100%	40 09-Nov-12 A	21-Dec-12 A	
S26S1220	Cap-TW5 & Backfill		100%	24 23-Jan-13 A	22-Feb-13 A	
S26S1227	Pier-TW5 Pier		100%	35 23-Feb-13 A	05-Mar-13 A	
East Abutr						
S26S1214	Piling-East Abutment, Stage 1		100%	36 16-Apr-11 A	30-Jun-11 A	
S26S1218	Piling-East Abutment, (stage 2, 6 nos. piles remain)	_	100%	18 29-Oct-12 A	08-Nov-12 A	
S26S1219	Pile Load Test (1 compression)		100%	15 28-Nov-12 A	11-Dec-12 A	
S26S1224	Excavation & Pilecap (Delay by gasmain)		100%	28 04-Mar-13 A	27-Mar-13 A	elay by gasmain)
S26S1234	East Abutment		100%	30 02-Apr-13 A	29-Apr-13 A	ment
S26S1254	Backfilling		100%	14 04-Jun-13 A	10-Jun-13 A	Backfilling
West Abut						
S26S1202	Els, coring & backfill for Piling works		100%	75 26-Nov-11 A	08-Oct-12 A	
S26S1216	Piling-West Abutment (28)		100%	65 09-Oct-12 A	30-Nov-12 A	
S26S1226	Excavation & Pilecap		100%	28 27-Dec-12 A	01-Feb-13 A	
S26S1236	West Abutment		100%	35 02-Feb-13 A	10-Apr-13 A	
S26S1256	Backfilling	-30	80%	14 29-Apr-13 A	29-Jul-13	Backfilling
Decking a	and Finishing					
S26S1238	Bridge Decking (Bearings, Drainage & MJ inculded)	-48	62.82%	84 18-Mar-13 A	31-Aug-13	Bridge Decking (Bearings, Drainage & MJ inculded)
S26S1240	Falsework Erection of Deck - West Abutment to TW4		100%	14 18-Mar-13 A	30-Apr-13 A	Erection of Deck - West Abutment to TW4
S26S1241	Bridge Deck - West Abutment to TW4		100%	48 20-Apr-13 A	08-Jun-13 A	Bridge Deck - West Abutment to TW4

	23								
Activity ID	Activity Name	Total	Activity %	Original Start	Finish	2013		2014	
		Float	Complete	Duration		Q3 41 42 43 44 45	Q4 46 47	Q1 48 49	50
S26S1242	Falsework Dismantling of deck - West Abutment to TW4	-23	40%	10 10-Jul-13 A	01-Aug-13	Falsework Dismantling of deck - West	Abutment to TW4		
S26S1243	Falsework Erection of Deck - TW4 to TW5		100%	14 18-Mar-13 A	30-Apr-13 A	Erection of Deck - TW4 to TW5			
S26S1244	Bridge Deck - TW4 to TW5		100%	48 24-Apr-13 A	19-Jun-13 A	Bridge Deck - TW4 to TW5			
S26S1245	Falsework Dismantling of deck - TW4 to TW5	-23	40%	10 10-Jul-13 A	01-Aug-13	Falsework Dismantling of deck - TW4 t	o TW5		
S26S1246	Falsework Erection of Deck - TW5 to East Abutment		100%	14 08-May-13 A	29-May-13 A	Falsework Erection of Deck - TW5 to East Abutment			
S26S1247	Bridge Deck - TW5 to East Abutment		100%	48 15-May-13 A	06-Jul-13 A	Bridge Deck - TW5 to East Abutment			
S26S1248	Falsework Dismantling of deck - TW5 to East Abutment	15	40%	10 10-Jul-13 A	01-Aug-13	Falsework Dismantling of deck - TW5 t	o East Abutment		
S26S1260	Parapet (icl, precast concrete skin)	-48	35%	25 08-Jul-13 A	14-Aug-13	Parapet (icl, precast concrete skir	ı)		
S26S1265	Road Lighting	-48	0%	5 14-Aug-13	20-Aug-13	— Road Lighting			
S26S1270	Surfacing	-48	0%	10 20-Aug-13	31-Aug-13	Surfacing			
S26S1310	Handover Inspection of LB2 (TTA Stage 11)	-48	0%	0	31-Aug-13	Handover Inspection of LE	32 (TTA Stage 11)		
Constru	ction of Bridge LB3								
S26S1280	Construction of Bridge LB3(incl. excavation & backfill) (incl. VO29 & VO37)	-32	89.51%	267 26-Feb-11 A	27-Aug-13	Construction of Bridge LB3	incl. excavation & b	ackfill) (incl. VO29 & VO37)	
	cture & Abutment	02	00.0170		27 / 109 10				
S26S1320			100%	60 26-Feb-11 A	14-May-11 A				
S26S1320			100%	60 14-May-11 A	26-Jul-11 A	_			
S26S1340			100 %	36 07-Dec-11 A	21-Jan-12 A			·····	
S26S1340					13-Jul-12 A				
			100%	45 19-Jan-12 A	13-JUI-12 A				
	and Finishing		4000/						
S26S1370			100%	257 19-Apr-12 A	24-Nov-12 A				
S26S1371	Falsework and Scaffolding		100%	36 19-Apr-12 A	31-Aug-12 A			· · · · · · · · · · · · · · · · · · ·	
S26S1372			100%	69 05-Sep-12 A	24-Nov-12 A				
S26S1373			100%	24 21-Dec-12 A	09-Jan-13 A				
S26S1375			100%	20 26-May-13 A	20-Jul-13 A	Parapet (icl, precast concrete skin)			
S26S1376		-32	50%	20 19-Jun-13 A	06-Aug-13	Erecting of Short Column			
S26S1377	Installing M-Barrier	-32	0%	7 07-Aug-13	14-Aug-13				
S26S1378		-32	0%	8 15-Aug-13	23-Aug-13	Surfacing			
S26S1385	Handover Inspection of LB3	-32	0%	3 24-Aug-13	27-Aug-13	Handover Inspection of LB3			
Constru	ction of Bridge LB1								
S26S1400	Construction of Bridge LB1 (incl. VO29 & VO37: revised piling details and	42	95.52%	643 03-May-10 A	28-Aug-13	Construction of Bridge LB1	(incl. VO29 & VO37	: revised piling details and pile	caps sleevii
Prepara	tory and Enabling Works								
S26S1405	Site Clearance		100%	75 03-May-10 A	06-Aug-10 A				
S26S1406	Site Clearance - Stage 1 (LB1-North Abutment)		100%	60 03-May-10 A	14-Jul-10 A				
S26S1407	Site Clearance - Stage 2 (LB1-TW3)		100%	60 27-May-10 A	06-Aug-10 A				
S26S1410	Access Road		100%	75 03-May-10 A	31-Jul-10 A				
S26S1411	Access Road - Stage 1 (LB1-North Abutment)		100%	60 03-May-10 A	14-Jul-10 A				
S26S1412	Access Road - Stage 2 (LB1-TW3)		100%	60 20-May-10 A	31-Jul-10 A				
S26S1450	SA25-Site Clearance (TW1 & TW2)		100%	53 26-Mar-11 A	02-Jun-11 A				
S26S1455	SA25 - Access Road (TW1 & TW2)		100%	53 26-Mar-11 A	02-Jun-11 A				
S26S1465	VO 31: Fencing for Former Lot 1308 S.B in D.D.6		100%	10 27-Jun-11 A	09-Jul-11 A				
Substru	cture and Pier Construction		·		, 				
North Ab									
S26S1420			100%	51 01-Jun-10 A	31-Jul-10 A				
S26S1430	D Excavation & Cap-North Abutment		100%	54 11-Nov-10 A	28-Dec-10 A				
S26S1440	D Pier & backfill, North Abutment		100%	56 26-Jan-11 A	04-Apr-11 A				
TW3				<u> </u>					
S26S1422	2 Piling-TW3		100%	54 28-Dec-10 A	21-Mar-11 A				

Float Complete Duration Q3 Q4 Q1		24											
No. Factor No. No. No. No. No.No.	Activity ID	Activity Name				Finish							
Bits Part Weil and Valued Part Weil and Valued Part Weil and Valued Statistic Viral With 1 1998 7 1998			Float	Complete	Duration		41	42			47		
Port Port Port Port Port Port Port Port Setting Continue Site	S26S1432	Cap & Backfill - TW3		100%	45 26-May-11 A	19-Jul-11 A		• • •					
Section Maps Maps G. 2000 (Maps Maps G. 2000 (Maps Maps	S26S1442	Pier-TW3 (Pierhead included)		100%	75 08-Aug-11 A	17-Dec-11 A							
SB1110 Co. & Bord1 1970 67 27 ± 11/1 1978 1970 SB1141 O & A Sol 11 1970 72 1970	TW1							 					
Bit Mark Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark Mark Tay Lange Mark Mark Tay Lange Mark MUK Mark Tay Lange Mark <	S26S1460	Piling-TW1		100%	70 21-Oct-10 A	11-Nov-10 A							
Note Note <th< td=""><td>S26S1470</td><td>Cap & Backfill - TW1</td><td></td><td>100%</td><td>36 27-Jan-11 A</td><td>19-Feb-11 A</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	S26S1470	Cap & Backfill - TW1		100%	36 27-Jan-11 A	19-Feb-11 A							
Setting Nuc, TW2 I 905 41 3940-11 A 154-011 A Setting Nuc, TW2 Prestance, Color I 005 52 31 Jun 1 1169-131 A Setting Nuc, TW2 Prestance, Color I 005 52 31 Jun 1 1169-131 A Setting Nuc, TW2 Prestance, Color I 005 52 31 Jun 1 1169-131 A Setting Nucley Setting Nucley Setting 005 50 72 Jun 1 1169-114 A Setting Nucley Setting 005 50 72 Jun 1 1169-114 A 1169-114 A Setting Nucley Setting 005 50 72 Jun 1 1169-114 A 1169-114 A Setting Nucley Setting 1055 50 72 Jun 1 1169-124 A 1169-124 A Setting Nucley Setting 1055 1169-124 A 1148-124 A 1148-124 A Setting Nucley Setting 1055 1169-124 A 1148-124 A 1148-124 A Setting Nucley Setting 1055 1169-124 A 1148-124 A 1148-124 A Setting	S26S1480	Pier-TW1 (Pierhead included)		100%	75 23-May-11 A	08-Jul-11 A							
Bitseler Capit Result	TW2			11									
Secting / Part / W2 Prevalue code) Upus, P 3 (4)-11 A 11 - Te 12 A Decking / Part / Painsible	S26S1462	Piling-TW2		100%	41 28-Mar-11 A	15-Apr-11 A							
Seleta Peri Yue (Preckas structured) Park Jun (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckas structured) Peri Yue (Preckas structured) Seleta Peri Yue (Preckastructured) Peri Yue (Preckas structured)	S26S1472	Cap & Backfill - TW2		100%	45 21-Jun-11 A	15-Jul-11 A							
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S26S1611 Access Road Income Income Income S26S1612 Gas main Diversion at North/South Abutment, HKCG Income Income <td>Preparato</td> <td>ory and Enabling Works</td> <td></td>	Preparato	ory and Enabling Works											
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S26S1700 SA25 Haul Road Image: Construction of Construction Image: Construction of Construction S26S1630 Piling-North Abutment & P1 Image: Construction Image: Construction Image: Construction S26S1630 Piling-North Abutment Image: Construction Image: Construction Image: Construction Image: Construction S26S1630 Piling-North Abutment Image: Construction Image: Cons	S26S1620	Gas main Diversion at North/South Abutment, HKCG		100%	37 01-Jun-10 A	15-Jul-10 A	1						
S26S1710SA25-Gas Main diversion at South Abutment & P1Image: ConstructionSubstructionNorth AbutmentS26S1630Piling-North AbutmentImage: ConstructionS26S1631Pre-drilling & Preparing of piling platform100%6516-Jul-10 A30-Sep-10 AS26S1632Piling-North Abutment100%2016-Jul-10 A07-Aug-10 AS26S1632Piling-March abutment100%4509-Aug-10 A09-Aug-10 A	S26S1690	SA25-Site Clearance		100%	25 26-Feb-11 A	26-Mar-11 A	1						
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S26S1632 Piling 100% 45 09-Aug-10 A 30-Nov-10 A	S26S1630	Piling-North Abutment		100%	65 16-Jul-10 A	30-Sep-10 A							
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	S26S1632	Piling		100%	45 09-Aug-10 A	30-Nov-10 A							
	S26S1650	Excavation & Cap-Nouth Abutment		100%	50 04-Jan-11 A	04-Apr-11 A							
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		25														
Activ	/ity ID	Activity Name	Total	Activity %	Original Start	Finish			Q3	2013		Q4			2014 Q1	
			Float	Complete	Duration		41	42	43	44	45	46	47	48	49	50
	S26S1670	Construction of Abutment-Nouth Abutment		100%	50 27-Oct-11 A	17-Dec-11 A										
	S26S1930	Backfill Stage 1, North Abutment		100%	24 01-Mar-12 A	14-Apr-12 A					· · · · · · · · · · · · · · · · · · ·		; ; ; ;		, , , , , , , , , , , , , , , , , , ,	
	S26S1940	Backfill Stage 2, North Abutment		100%	60 15-Oct-12 A	24-Apr-13 A	e 2, North Abut	ment		1			1			1
	South Abut	ment														
	S26S1720	Piling-South Abutment		100%	90 02-Dec-10 A	23-Mar-11 A										ĺ
	S26S1721	Pre-drilling & Preparing of piling platform		100%	30 20-Aug-10 A	20-Sep-10 A				1 1 1 1			1 1 1		1 1 1 1	i i
	S26S1722	Piling		100%	60 10-Jan-11 A	17-Mar-11 A										
	S26S1750	Excavation & Cap-South Abutment		100%	40 26-May-11 A	14-Jul-11 A										
	S26S1780	Abutment, South Abutment		100%	38 26-Oct-11 A	17-Dec-11 A										1
	S26S1950	Backfill Stage 1, South Abutment		100%	24 01-Mar-12 A	04-Jul-12 A		1 1 1		1			1 1 1			
	S26S1960	Backfill Stage 2, South Abutment		100%	43 19-Nov-12 A	25-Feb-13 A										
	S26S1970	COD: 13ASA 18 days additional Drainage works (if RFI can be replied befo		100%	18 01-Apr-13 A	19-Apr-13 A	8 days addition	al Draina	ge works (if RFI ca	an be replied	before 4-12-2012	:)				1
	P1									+ 	+ I I I I I I I I I I I I I I I I I I I		+ 		⊨⊧ 	
	S26S1730	Piling-P1		100%	20 18-Oct-10 A	30-Nov-10 A				1 1 1			1 1 1			
	S26S1760	Cap & Backfill - P1		100%	33 26-May-11 A	30-Jun-11 A				1 1 1			1 1 1			
	S26S1790	Pier-P1		100%	75 26-Jul-11 A	24-Oct-11 A		8		1 1 1			1			
	S26S1820	Pier-P1 Pierhead		100%	48 14-Feb-12 A	19-Apr-12 A							1			
	P2		1	<u> </u> _											 	
	S26S1740	Piling-P2		100%	35 28-Mar-11 A	16-Apr-11 A										
	S26S1770	Cap & Backfill - P2		100%	38 26-May-11 A	11-Jul-11 A										
	S26S1800	Pier-P2		100%	75 26-Oct-11 A	27-Jan-12 A										
	S26S1910	Pier-P2 Pierhead		100%	53 01-Aug-12 A	12-Oct-12 A										1
	P3		I	<u> </u>						 			 		 	
	S26S1640	Piling-P3		100%	50 26-Feb-11 A	19-Mar-11 A										
	S26S1660	Cap & Backfill -P3		100%	50 26-May-11 A	30-Jul-11 A				1 1 1			1 1 1			ł
	S26S1680	Pier-P3		100%	96 26-Sep-11 A	20-Jan-12 A		8		1 1 1			1			
	S26S1920	Pier-P3 Pierhead		100%	48 19-Apr-12 A	31-Jul-12 A							1			
				10070		01 001 12 1										
		nd Finishing Decking (Bearings, drainage & MJ included) (incl. VO 45: Details of Draina		100%	110 01 km 12 A	01-Mar-13 A			alls of Drainage A	rrangamant						
	S26S1808 S26S1810			100%	110 01-Jun-12 A			0 45. Dei	ans of Drainage A	grangement						
		Balanced Cantilever deck at P1		100%	0 01-Jun-12 A	20-Jul-12 A										
	S26S1811	Preparing of Travelling Form		100%	12 01-Jun-12 A	25-Sep-12 A		1 1 1		1 1 1			1			
	S26S1812	Construction of Cantiliver Deck at P1		100%	55 15-Jun-12 A	04-Aug-12 A							: : :		 	
	S26S1816	South End Span (South abutment-P1)		100%	197 13-Aug-12 A	09-Nov-12 A		1 1 1		1 1 1					 	1
	S26S1818	South End Span		100%	50 13-Aug-12 A	10-Nov-12 A										
	S26S1830	Balanced Cantilever deck at P2 & Stitching (P1-P2)		100%	78 19-Nov-12 A	14-Jan-13 A										
	S26S1831	Preparing of Travelling Form		100%	12 19-Nov-12 A	08-Dec-12 A										
	S26S1832	Balanced Cantilever deck at P2		100%	50 10-Dec-12 A	05-Jan-13 A					· · · · · · · · · · · · · · · · · · ·			· · ·	, 	
	S26S1833	Stitching (P1-P2)		100%	18 11-Jan-13 A	14-Jan-13 A		- - 		 						1
	S26S1840	Balanced Cantilever deck at P3 & Stitching (P2-P3)		100%	73 20-Aug-12 A	17-Jan-13 A				 						1
	S26S1841	Preparing of Travelling Form		100%	12 20-Aug-12 A	05-Sep-12 A		1								
	S26S1842	Balanced Cantilever deck at P3		100%	43 06-Sep-12 A	05-Nov-12 A		1		1 1 1						1
	S26S1843	Stitching (P2-P3)		100%	18 15-Jan-13 A	17-Jan-13 A		 		 			 			;
	S26S1850	North End Span & Stitching (Nouth Abutment-P3)		100%	96 29-Oct-12 A	01-Mar-13 A	(butment-P3)	1		1 1 1 1			1			
	S26S1851	End Spans for B13A		100%	29 29-Oct-12 A	01-Feb-13 A		1		1 1 1			1 1 1			1
	S26S1852	Post Tentioning Works		100%	18 18-Feb-13 A	01-Mar-13 A		1 1 1		1 1 1			1 1 1			1
	S26S1860	Parapet (icl, precast concrete skin)		100%	24 19-Mar-13 A	25-May-13 A	Parapet (icl, p	recast co	ndrete skin)	1 1 1						1
	S26S1863	Erection of Short Column and Barrier		100%	12 03-May-13 A	15-Jun-13 A	Erec	tion of Sh	ort Column and Ba	arrier			1 1 1		 	1
	S26S1873	Noise Barrier (Erection of H-Column and Panel)		100%	12 03-May-13 A	11-Jun-13 A	Noise	Barrier (E	rection of H-Colur	nn and Pane	l)		±		LL 	

	26														
Activity ID	Activity Name	Total	Activity %	Original Start	Finish					2013	-			2014	
		Float	Complete	Duration		41	4	12	Q3 43	44	45	Q4 46	47	Q1 48 49	50
S26S1875	Lighting		100%	12 25-May-13 A	11-Jun-13 A	Lighti	nģ								
S26S1880	Surfacing		100%	12 25-May-13 A	21-Jun-13 A	s	Surfacing	g							
S26S1900	Handover Inspection of Bridge 13A		100%	3 21-Jun-13 A	22-Jun-13 A	0 1	Handove	er Inspe	ction of Bride	e 13A			1 1 1		
Ready Fo	r Pre-Handover Retaining Wall of Section 2														
HRW0020	Ready For Pre-Handover Retaining Wall W56A, W56B, W57A, W57B, W5	32	0%	7 31-Aug-13	09-Sep-13					Ready	For Pre-Ha	ndover Retaini	ng Wall W56A	, W56B, W57A, W57B, W	57C, W59 a
HRW0021	Ready For Pre-Handover Retaining Wall W58, W60, W61A, RWTW1, RW	22	0%	7 13-Sep-13	21-Sep-13						Ready For Pr	e-Handover R	taining Wall	w58, W60, W61A, RWTW	1, RWTW2
Section 3							-								
Site Area	SA26A														
PHSA26A2	Possession of SA26A (Day0)	1	100%	0 26-Feb-10 A											
SA26A000	Site Area SA26A Works Period	-22	87.06%	1215 26-Feb-10 A	30-Dec-13									Site Area SA26A Works	s Period
SA26A010	Site Area SA26A Works Completion	-22	0%	0	30-Dec-13									Site Area SA26A Works	S Completior
SA26A020	Temporary Traffic Arrangement (Detail shall refer to supplementary inform	-16	86.85%	983 26-Feb-10 A	30-Dec-13	I	1			1 1 1			1 1 1	Temporary Traffic Arran	
SA26A030	Overall Utilities Diversion (Detail shall refer to supplementary information)	-16	86.85%	983 26-Feb-10 A	30-Dec-13		-						1	Overall Utilities Diversio	1
North Bou															
Preliminar															
S26AN000	Site Clearance/Access Rd		100%	75 26-Feb-10 A	18-Jun-10 A										
S26AN010	Site Clearance		100%	60 26-Feb-10 A	12-May-10 A					1 1 1					
S26AN020	Access Rd		100%	60 07-Apr-10 A	18-Jun-10 A										
Slopework			10070												
S26AN502	Cut Slope (S37A)		100%	48 26-Apr-12 A	03-Jul-12 A										
S26AN506	Cut Slope (S40-sn, Including removal of existing retaining wall)		100%	168 19-Jun-10 A	08-Jan-11 A										
S26AN508	Slopeworks Cut(S40) - Stage 1 (Cut Slope and Erect Scaffolding)		100%	11 19-Jun-10 A	16-Jul-10 A		-								
S26AN510	Slopeworks Cut(S40) - Stage 1 (Soil Nail Installation : QRST)		100%	11 19-Jul-10 A	18-Aug-10 A										
S26AN514	Slopeworks Cut(S40) - Stage 2 (Cut Slope and Erect Scaffolding)		100%	14 19-Aug-10 A	17-Sep-10 A										
S26AN516	Slopeworks Cut(S40) - Stage 2 (Soil Nail Installation : MNOP)		100%	14 10 Adg 10 A	26-Dec-10 A										
S26AN518	Slopeworks Cut(S40) - Stage 3 (Cut Slope and Erect Scaffolding)		100%	17 18-Aug-10 A	17-Sep-10 A										
S26AN520	Slopeworks Cut(S40) - Stage 3 (Soil Nail Installation : IJKL)		100%	17 27-Dec-10 A	01-Feb-11 A										
S26AN522	Slopeworks Cut(S40) - Stage 4 (Cut Slope and Erect Scaffolding)		100%	12 28-Jan-11 A	15-Feb-11 A										
S26AN524	Slopeworks Cut(S40) - Stage 4 (Soil Nail Installation : EFGH)		100%	12 02-Feb-11 A	19-Feb-11 A										
S26AN525	Slopeworks Cut(S40) - Stage 5 (Cut Slope and Erect Scaffolding)		100%	15 29-Oct-11 A	16-Nov-11 A										
S26AN526	Slopeworks Cut(S40) - Stage 5 (Soil Nail Installation : ABCD)		100%	18 16-Nov-11 A	07-Dec-11 A										
S26AN528	Removal of Existing Retaining Wall		100%	30 11-Apr-11 A	20-May-11 A		-								
S26AN530	Cut Slope (S41-sn)		100%	138 19-Jun-10 A	02-Dec-10 A										
S26AN531	Cut Slope (S41-sn) - Stage 1 (Cut Slope and Erect Scaffolding)		100%	11 19-Jun-10 A	16-Jul-10 A										
S26AN532	Cut Slope (S41-sn) - Stage 1 (Soil Nail Installation : MNOPQ)		100%	11 19-Jul-10 A	13-Aug-10 A										
S26AN533	Cut Slope (S41-sn) - Stage 2 (Cut Slope and Erect Scaffolding)		100%	26 23-Aug-10 A	17-Sep-10 A					1 1 1					
S26AN534	Cut Slope (S41-sn) - Stage 2 (Soil Nail Installation : IJKL)		100%	26 28-Dec-10 A	27-Jan-11 A										
S26AN535	Cut Slope (S41-sn) - Stage 3 (Cut Slope and Erect Scaffolding)		100%	20 20-Sep-10 A	27-Nov-10 A										
S26AN536	Cut Slope (S41-sn) - Stage 3 (Soil Nail Installation : EFGH)		100%	19 30-May-11 A	22-Jun-11 A										
S26AN537	Cut Slope (S41-sn) - Stage 4 (Cut Slope and Erect Scaffolding)		100%	12 26-Oct-11 A	08-Nov-11 A									· · · · · · · · · · · · · · · · · · ·	
S26AN538	Cut Slope (S41-sn) - Stage 4 (Soil Nail Installation : ABCD)		100%	12 03-Dec-12 A	14-Jan-13 A	D)									
S26AN540	Slope 7NW-B/C 349		100%	75 02-Oct-10 A	25-Nov-10 A										
S26AN541	Erect Scaffolding & Soil Nail Installation (7NW-B/C 349) - Stage 1 (EF) 52n		100%	15 02-Oct-10 A	19-Oct-10 A										
S26AN542	Erect Scaffolding & Soil Nail Installation (7NW-B/C 349) - Stage 2 (ABCD)		100%	72 20-Oct-10 A	25-Nov-10 A										
S26AN550	Slope 7NW-A/C35-sn		100%	200 01-Sep-10 A	20-Nov-10 A	1								· · · · · · · · · · · · · · · · · · ·	
S26AN560	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 1 (OP) 2		100%	10 01-Sep-10 A	11-Sep-10 A										
S26AN570	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 2 (KLMN		100%	40 13-Sep-10 A	19-Oct-10 A										
				'		i	i			i.	i	i	i	<u>i i</u>	i

	27	Total	Activity 0/	Original Stort	Finish	2013 2014
ctivity ID	Activity Name		Activity % Complete	Original Start Duration	Finish	Q3 Q4 Q1
S26AN580	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 3 (GHIJ)		100%	57 30-Sep-10 A	19-Oct-10 A	<u>41 42 43 44 45 46 47 48 49 50</u>
S26AN590	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 4 (CDEF)		100%	62 20-Oct-10 A	19-Nov-10 A	
S26AN650	Erect Scaffolding & Soil Nail Installation (7NW-A/C35-sn) - Stage 5 (AB) 20		100%	31 01-Nov-10 A	20-Nov-10 A	
S26AN660	Slope 7NW-A/CR39		100%	80 22-Nov-10 A	28-Mar-11 A	
S26AN670	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 1 (JK) 28n		100%	10 22-Nov-10 A	15-Dec-10 A	
S26AN680	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 2 (DEFGH		100%	40 16-Dec-10 A	25-Feb-11 A	
S26AN690	Erect Scaffolding & Soil Nail Installation (7NW-A/CR39) - Stage 3 (ABC) 1		100%	30 22-Feb-11 A	28-Mar-11 A	
S26AN930	Erect Scaffolding & Soil Nail Installation (Area 6-1)	105	90%	75 20-Feb-13 A	03-Aug-13	Erect Scaffolding & Soil Nail Installation (Area 6-1)
	ion of Retaining Wall					
	Wall W65C (w/SP)					
	Sheet Pile/Excavate & Construct W65C (w/SP)		100%	150 27-Jun-11 A	25-Jul-11 A	
	Sheet Pile and Excavation		100%	24 27-Jun-11 A	25-Jul-11 A	
	Construction of Structure W65C		100%	72 27-Jun-11 A	25-Jul-11 A	
	Backfilling		100%	24 27-Jun-11 A	25-Jul-11 A	
	Wall W68					
	Sheet Pile/Excavate & Construct W68 (w/SP)		100%	99 15-Nov-10 A	16-Jul-12 A	
	Sheet Pile and Excavation		100%	19 15-Nov-10 A	04-Dec-10 A	
	Construction of Structure W68		100%	75 26-Aug-11 A	24-Nov-11 A	
	Backfilling		100%	54 01-Jun-12 A	16-Jul-12 A	
	Wall W69 on Mini-Piles (AD 3)					
	Prepare Piling Platform for W69		100%	24 21-Sep-10 A	10-Oct-10 A	
	Pre-drilling for W69		100%	24 10-Sep-10 A	10-Oct-10 A	
	Pipe Pile for W69		100%	77 20-Oct-10 A	24-Dec-10 A	
	Pipe Pile for W69 - Stage 1 (south)		100%	38 20-Oct-10 A	19-Nov-10 A	
	Pipe Pile for W69 - Stage 2 (north)		100%	26 20-Nov-10 A	19-Dec-10 A	
	Excavate and Tension Piles W69		100%	110 26-Mar-11 A	11-Aug-11 A	
S26AN150	Excavation and Installation of Tension Piles - Stage 1 (south)		100%	55 26-Mar-11 A	04-Jun-11 A	
S26AN151			100%	55 13-Jun-11 A	16-Aug-11 A	
S26AN152			100%	120 26-Aug-11 A	19-Jan-12 A	
S26AN153			100%	75 26-Aug-11 A	24-Nov-11 A	
S26AN154			100%	40 06-Feb-12 A	15-Mar-13 A	
	i Backfilling		100%	75 01-Jun-12 A	16-Jul-12 A	
	Wall W70					
	Sheet Pile/Excavate & Construct W70 (w/SP)		100%	165 03-Dec-10 A	15-Mar-13 A	ict W70 (w/SP)
S26AN171			100%	18 03-Dec-10 A	14-Dec-10 A	
S26AN172	Construction of Structure W70 (w/SP)		100%	75 18-Jul-11 A	15-Oct-11 A	
	Drainage & Backfilling		100%	54 18-Feb-13 A	28-Jun-13 A	Drainage & Backfilling
S26AN174		69	85%	60 18-Mar-13 A	05-Aug-13	Backfilling behind W68 to W70 and drainage works
S26AN184		69	0%	35 06-Aug-13	14-Sep-13	Erect Scaffolding & Soil Nail Installation
Retaining	Wall W72A (w/SP)					
	Sheet Pile/Excavate & Construct W72A (w/SP)		100%	92 30-Oct-10 A	21-Nov-11 A	
	Sheet Pile and Excavation		100%	34 30-Oct-10 A	31-Jan-11 A	
S26AN192	Construction of Structure W72A (w/SP)		100%	46 03-Jan-11 A	24-Mar-11 A	
	Draiage & Backfilling		100%	68 01-Jun-11 A	21-Nov-11 A	
	Construction Works, Roadworks & Drainage					
S26AN430	Slip Road R (From W72A to W73) Stage 1 (incl. VO 36: Slip Road R & Dra		100%	15 30-Jan-12 A	25-Jul-12 A	
S26AN431	Slip Road R (From W70 to B18A) Stage 1.1 formation		100%	15 26-May-12 A	13-Jun-12 A	
S26AN432			100%	15 14-Jun-12 A	03-Jul-12 A	

	28													
Activity ID	Activity Name	Total Float	Activity % Complete	Original Start Duration	Finish			2013 Q3		Q4			2014 Q1	
000 4 1 4 00	Dire David D (Even WZ0 to D104) Object 4 descent 0 and dest	rioat				41	42	43 44	45	46	47	48	49	50
S26AN433		07	100%	15 04-Jul-12 A	26-Jul-12 A									
S26AN435		67	80.65%	93 18-May-12 A	15-Aug-13			Slip Road R (Fr						
S26AN436		67	90%	30 18-May-12 A	06-Aug-13			Slip Road R (From						
S26AN437		67	90%	30 27-Jun-12 A	09-Aug-13			Slip Road R (From	i		i			
S26AN438		67	90%	50 14-Jul-12 A	15-Aug-13			Slip Road R (Fr	rom W70 to B1				•,	
S26AN447		19	0%	45 23-Sep-13	16-Nov-13			E			onstruction Slip			A)
S26AN448	3 Construction Slip Road Q (At W65C)	19	0%	45 23-Sep-13	16-Nov-13			E			onstruction Slip	Road Q (At V	V65C)	
S26AN451		-16	23.18%	168 24-Jun-13 A	30-Dec-13			 	 	1 1	1 1 1	Road and [Prainage Wo	rks (CH 37
S26AN452	2 Removal of existing central barrier and forming temporary road (CH3720-4		100%	12 24-Jun-13 A	20-Jul-13 A		Remova	al of existing central	barrier and for	ming tempora	ary road (CH37	20-4100)		
S26AN452	25 TTA - Stage 4B-2		100%	0	21-Jul-13 A		🔷 TTA - S	Stage 4B-2						
S26AN453	Road and Drainage Works for Slow and Mid Lane (CH3720 - 3850)	16	40%	20 08-Jul-13 A	08-Aug-13			Road and Drainag	e Works for Slo	ow and Mid L	ane (CH3720 ·	3850)		
S26AN454	4 Road Surface Works for Slow and Mid Lane (CH3720 - 3850)	16	0%	10 09-Aug-13	20-Aug-13			Road Surface	e Works for Slo	wand Mid La	ane (CH3720 -	3850)		
S26AN455	5 Removal of existing central barrier (CH4100-4550)	-16	0%	8 08-Aug-13	17-Aug-13			Removal of exi	isting central b	arrier (CH410	0-4550)			
S26AN456	8 Road Works for Fast and Mid Lane (CH3850 - CH4550)	-16	0%	20 17-Aug-13	10-Sep-13			Roa	d Works for Fa	ast and Mid La	ane (CH3850 -	, CH4550)		
S26AN457	7 Road Surface Works for Fast and Mid Lane (CH3850 - 4550)	-16	0%	10 10-Sep-13	23-Sep-13				Road Surface	e Works for F	ast and Mid La	ne (CH3850	4550)	
S26AN458	8 Road Works for Fast Lane (CH3720 - 3850)	-11	0%	20 23-Sep-13	18-Oct-13				R	oad Works fo	r Fast Lane (C	H3720 - 3850)	
S26AN459	9 Road Surface Works for Fast Lane (CH3720 - 3850)	-11	0%	10 18-Oct-13	30-Oct-13					Road Sur	face Works for	Fast Lane (C	H3720 - 385	,O,)
S26AN460	Road and Drainage Works for Slow Lane (CH4250 - 4550)	-16	0%	35 23-Sep-13	05-Nov-13					Road a	nd Drainage V	orks for Slow	Lane (CH4	250 - 4550
S26AN46	1 Road Surface Works for Slow Lane (CH4250 - 4550)	-16	0%	10 05-Nov-13	16-Nov-13						bad Surface W			
S26AN462		-16	0%	35 16-Nov-13	30-Dec-13							Road Cons		
S26AN470		17	0%	88 03-Aug-13	18-Nov-13	_					load and Drain			-
S26AN471		17	0%	35 03-Aug-13	13-Sep-13			Bo	ad and Draina					
S26AN47		17	0%	8 13-Sep-13	24-Sep-13				1	-	Fast Lane (CH			
S26AN482		17	0%	45 24-Sep-13	18-Nov-13							1	ining Morko	
		17	0%	43 24-Sep-13	10-1100-13					_	load Construct			
	ontrol & Survelance System	54	00(50 00 4								D.I. 0050		
S26AN480		51	0%	50 09-Aug-13	08-Oct-13					(G25, G26, G	327, G28 & SE	Poles SC58/	358) (Incl. v	073 Revis
	tion of Existing Bridge													
S26AN200		9	0%	104 24-Jun-13 A	28-Nov-13					1	 Modification 	of Existing B	ridge 15	
S26AN230		29	50%	12 24-Jun-13 A	01-Aug-13		De	emolish of Central B						
S26AN240		29	0%	15 02-Aug-13	19-Aug-13			1	ncrete Edge fo		1			
S26AN250	Removal existing M.J and install new M.J for Slow and Mid Lane (S/B)	29	0%	8 20-Aug-13	28-Aug-13			Removal	existing M.J an	nd in stall new	M.J for Slow a	nd Mid Lane (S/B)	
S26AN260	Raising of Concrete Edge for S/B (CH3800 - 4020) and N/B (CH3900 - 4020) 9	0%	25 23-Sep-13	24-Oct-13			Ε		Raising of C	oncrete Edge f	or S/B (CH38	00 - 4020) a	nd N/B (CH
S26AN270	Removal existing M.J and install new M.J for Fast Lane (S/B and N/B)	9	0%	10 24-Oct-13	05-Nov-13					Remov	al existing M.J	and install ne	w M.J for Fa	st Lane (S/
S26AN280	Removal existing M.J and install new M.J for Slow and Mid Lane (N/B)	9	0%	20 05-Nov-13	28-Nov-13						Removal e	isting M.J and	l install new	M.J for Slo
Landsca	ping													
S26AN610	D Landscaping Works	87	20%	29 15-Mar-13 A	26-Aug-13			Landscapir	ng Works					
South B	ound													
Prelimina	aries													
S26AS000			100%	164 26-Feb-10 A	14-Sep-10 A									
S26AS010	0 Site Clearance		100%	75 26-Feb-10 A	18-Jun-10 A									
S26AS020			100%	75 31-May-10 A	14-Sep-10 A									
Slopewo														
S26AS510		18	0%	95 26-Jul-13	16-Nov-13					<u> </u>	ope Reinstater	hent Works (F	ridge 15A)	
S26AS515		18	0%	30 26-Jul-13	29-Aug-13	—		Backfilling	a Slope	0				
S26AS520		18	0%	50 20-501-13	30-Oct-13						nstallation			
S26AS520 S26AS540												datmont		
		18	0%	15 31-Oct-13	16-Nov-13						ope Surface Ti	eaunent		
	ction of Retaining Wall													
Retaining	g Wall W65A								1					

	29		· · · · ·										
ivity ID	Activity Name	Total Float	Activity % Complete	Original Start Duration	Finish			2013 Q3		Q4		2014 Q1	
00701000	Sheet Pile/Excavate & Construct W65A				00. Apr. 11. A	41	42	43 44	45	46	47	48 49	9 50
S27S1000			100%	83 28-Dec-10 A	08-Apr-11 A								
S27S1001	Sheet Pile & Excavation		100%	32 28-Dec-10 A	07-Feb-11 A								
S27S1002			100%	50 11-Apr-11 A	13-Aug-11 A				<u> </u>				
	Backfilling behind W65A and drainage works	43	0%	40 30-Aug-13	18-Oct-13		1 1 1		Ba	aokfilling behind	W65A and drain	age works	
	Wall W65B, (CSD 1)		i i				8						
			100%	36 26-Jul-11 A	17-Dec-12 A		, ,						
S27S1041	HyD Lighting relocation		100%	36 26-May-11 A	18-Jun-11 A		1						
S27S1042			100%	42 15-Oct-10 A	03-Dec-10 A								
S27S1043	COD: CLP overhead cable		100%	75 15-Jan-11 A	11-Apr-11 A		1 1 1						
S27S1044	Relocaltion of Existing Electric Poles, CLP		100%	24 15-Feb-11 A	11-Apr-11 A		1 1 1						
S27S1060	Capping/Walling for W65B		100%	42 06-Apr-11 A	20-Aug-11 A		1 1 1						1
S27S1070	Backfilling for W65A & B		100%	75 10-Sep-11 A	21-Jul-12 A					1			1
S27S1090	COD: DAN 273- revised thrust box detail and additional works for DN1220		100%	30 17-Dec-12 A	24-Jan-13 A	nal works for D	N1220						
S27S1110	Backfilling behind W65B and drainage works	43	0%	40 30-Aug-13	18-Oct-13				Ba	aokfilling behind	W65B and drain	age works	
Road Re-C	onstruction Works, Roadworks, Drainage & Utilities		,	·	, 		1 1						
S26AS400	Roadworks, Drainages & Utilities (CH 4020 - 4500)	35	80.47%	399 14-Feb-12 A	28-Oct-13					Roadworks,	Drainages & Utiliti	es (CH 4020 - 45	(00
S26AS410	Roadworks, Drainages & Utilities Stage 1 (ch4020-ch4200 & Tai Po Tai W		100%	110 14-Feb-12 A	11-Dec-12 A	Wo Road)							
S26AS411	Removal of existing paving		100%	25 14-Feb-12 A	02-Jul-12 A								
S26AS412	Utilities		100%	75 14-Feb-12 A	31-Jul-12 A								
S26AS416	Drainages		100%	75 27-Jun-12 A	31-Jul-12 A	—							
S26AS418	Road Surface & Roadmark - Stage 1		100%	5 14-Jul-12 A	11-Dec-12 A		1						1
S26AS420	Roadworks, Drainages & Utilities Stage 2(ch4200-ch4500)		100%	737 14-Feb-12 A	28-Sep-12 A					- 1			
S26AS422	Removal of existing paving		100%	50 14-Feb-12 A	12-Jan-13 A								
S26AS424	Utilities		100%	75 14-Feb-12 A	28-May-12 A		1						
S26AS426	Drainages		100%	75 27-Jun-12 A	11-Aug-12 A								
S26AS428	Road Surface & Roadmark - Stage 2		100%	8 10-Sep-12 A	28-Sep-12 A		1 1 1						
S26AS430	Roadworks Stage 3 (ch4020-ch4200 & Tai Po Tai Wo Road)		100%	35 28-Jan-13 A	21-Jun-13 A		adworks	tage 3 (ch4020-ch4200 & Ta	i Po Tai Wo	Rhad)			
S26AS440	Road Construction and Remaining Works (along CH4020 - 4500)	-16	85%	75 28-Jan-13 A	08-Aug-13			Road Construction a	1		CH4020 - 4500)		
S27S4090	HyD/Lighting (Existing Street Light removal by HyD Lightings	10	100%	52 26-May-11 A	25-Jun-11 A				narionanin	g works (along	0114020 4300)		
S27S4090	Slip Road K (utilities & drainage), Stage 1 (excl. WSD connection)		100 %	75 14-Feb-12 A	19-Apr-12 A								
S27S4100	Slip Road K (utilities & drainage roadwork), Stage 2 (incl. WSD connection)			50 18-May-12 A	15-Oct-12 A		1						
		2E	100%								utilition drainlann	8 roadwark	
S27S4110	Slip Road S (utilities, drainage & roadwork)	35	0%	50 28-Aug-13	28-Oct-13					i joiip Ruad S	utilities, drainage	a ruauwurk)	
S27S4160	TTA Stage 0		100%	0 07-Oct-12 A			1 1 1						1
	iers & Road Barriers						1 1 1						
	ier NB36 & NB37		1000										
	Construct Noise Barrier & Beam Barrier, NB36 & NB37		100%	255 28-Dec-11 A	05-Jul-12 A								
	Noise Barrier : Foundation Works		100%	75 28-Dec-11 A	31-Jan-12 A								
	Noise Barrier : Installation of H-column & Panel		100%	60 01-Feb-12 A	05-Jul-12 A								
	Remaining NB36 installation of panel		100%	7 25-May-13 A	15-Jun-13 A	Rem	aining NB3	6 installation of panel					
	trol & Survelance System												
S26AS480	TCSS (ch3720 - ch4820)	92	62.41%	56 30-Nov-12 A	20-Aug-13			TCSS (ch 3720	- ch4820)	-			, , , , ,
S26AS481	TCSS - Stage 1 (ch3720 - ch3900)		100%	24 11-Mar-13 A	19-Apr-13 A	1 (ch3720 - ch3	900)						
S26AS482	TCSS - Stage 2 (ch3900 - ch4080)		100%	24 19-Apr-13 A	06-Jun-13 A	TCSS - S	tage 2 (ch	3900 - ch4080)					
S26AS483	TCSS - Stage 3 (ch4080 - ch4260), (Gantry G59) (incl. VO73 Revised Sign		100%	24 22-Jan-13 A	06-Jun-13 A	TCSS - S	tage 3 (ch	4080 - ch4260), (Gantry G59) (incl. VO73	Revised Sign (antry Details)		
S26AS484	TCSS - Stage 4 (ch4260 - ch4440), (Gantry G58) (incl. VO73 Revised Sign		100%	24 30-Nov-12 A	21-Dec-12 A	ed Sign Gantry	Details)						
	TCSS - Stage 5 (ch4440 - ch4620)	92	50%	24 24-Dec-12 A	08-Aug-13			TCSS - Stage 5 (ch4	1440 - ch462) v			
S26AS485					-	1		U U	1	1			

	30															
Activity ID	Activity Name	Total	Activity %	Origina		Finish					2013	-			2014	
		Float	Complete	Duration	ו			41	42	Q3 43	44		Q4 46 47	48	Q1 49	50
Slopwork	S				•	•					• • •					
S26ANS50	Slopeworks & Reinforced Earth Wall Bridge 18A		100%	72	2 26-Feb-11 A	27-May-11 A										
Construc	tion of Bridge 18A							1								
S26AN94	COD: DAN 327 DN800/ 400 - Additional pipeline and thrust blocks	102	85%	75	5 06-Aug-12 A	08-Aug-13				COD: D	AN 327 DN80	0/ 400 - Additional	pipeline and thrust	blocks		
S26ANS10	Construct East & West Abutment of Bridge 18A		100%	91	1 28-Mar-11 A	19-Aug-11 A										
S26ANS12	Construct East Abutment (RE Wall part 1) & Bearing (Bridge 18A)		100%	36	6 28-Mar-11 A	14-May-11 A										
S26ANS14	Construction West Abutment (RE Wall part 1) & Bearing (Bridge 18A)		100%	36	6 08-Jul-11 A	19-Aug-11 A		1								
S26ANS15	Construction East RE Wall (part 2)		100%	50) 19-Aug-11 A	26-Oct-12 A										
S26ANS16	Construction West RE Wall (part 2)		100%	50) 19-Aug-11 A	27-Oct-12 A				·!	- -			!	. L	L
S26ANS18	Bridge 18A Decking and Watermain Diversion	_	100%	162	2 19-Jul-11 A	24-Jan-12 A		1								
S26ANS60	Erecting Temporary Bridge Support		100%	48	3 24-Jun-11 A	16-Jul-11 A		1								
S26ANS70	Construction of Deck		100%	60	0 27-Oct-11 A	07-Jan-12 A										
S26ANS80	Construct remaining RE wall (East & West) (incl. VO 21, VO38 and VO79)		100%	4(0 15-Dec-11 A	29-Apr-13 A	remain	: ng RE w	all (East &	West) (incl. VC	21, VO38 an	d VO79)				
S26ANS82	Drainage, Utilities & Watermain Installation (incl.VO 53:Concrete Plinths fo	_	100%	50	28-Dec-12 A	15-Jun-13 A		Drain	age, Utilitie	s & Watermain	Installation (ii	ncl.VO 53:Concrete	e Plinths for PCCW	Cable Ducts &	VO 78 CLP C	T Details)
S26ANS90	Road Surfacing		100%	1(07-May-13 A	19-Jun-13 A		🔜 Roa	ad Surfacin	g						
S26ANS92	TTA Stage 1		100%	() 22-Jun-13 A			🔷 ті	A Stage 1							1
Roadworl	cs, Drainage & Utilities					<u> </u>										
	Diversion of water mains at existing bridge 18	109	85%	25	5 20-Feb-13 A	30-Jul-13	1	:		Diversion o	f water mains	at existing bridge 1	8			1 1 1
	n of Existing Bridge 18									·	 					
S26ANS30		15	90%	30) 24-Jun-13 A	29-Jul-13				Demolition of	of Existing Brid	dge 18				J 8 8
Site Area																
PHSA2720	Possession of SA27		100%	() 26-Mar-10 A											
SA270000	Site Area SA27 Works Period	17	90.06%		26-Mar-10 A	20-Nov-13		1						27 Works Period	d	
SA270000 SA270010	Site Area SA27 Works Completion	17	90.08%	(20-Nov-13										
	Temporary Traffic Arrangement (Detail shall refer to supplementary inform				9 26-Mar-10 A	20-Nov-13							Site Area SA			bll refer to c
SA270020		15	89.78%			20-Nov-13		1			1 1 1		Overall Utilitie	affic Arrangeme		
SA270030	Overall Utilities Diversion (Detail shall refer to supplementary information)	15	89.78%	958	9 26-Mar-10 A	20-100-13	1				1				ian shan reie	r to supple
South Bo																
Slopewor			1000/	100												
South Bc Slopewor \$27\$0000 \$27\$0001 \$27\$\$0002			100%		27-Mar-10 A	03-Sep-10 A		1								
S27S0001	Site Clearance (Stage 1)		100%		27-Mar-10 A	18-May-10 A										
	Site Clearance (Stage 2)		100%) 19-Jun-10 A	05-Aug-10 A										1 1 1
S27S0004	Access Rd (Stage 1)		100%		0 30-Apr-10 A	18-Jun-10 A										
S27S0005	Access Rd (Stage 2)		100%		20-Jul-10 A	03-Sep-10 A										
S27S5000	Slopeworks Cut(S34)		100%		6 28-Dec-10 A	23-Feb-11 A										1 1
S27S5100	Slopeworks Cut(S42), Fill(S43)		100%		5 28-Dec-10 A	29-Mar-11 A										
S27S5101	Slopeworks Cut(S42)		100%		28-Dec-10 A	11-Mar-11 A										1 1 1
S27S5102			100%		26-Oct-11 A	06-Jan-12 A										1
S27S5110	Slopeworks Cut(S37)		100%		02-Feb-11 A	02-Feb-11 A										
S27S5111	Slopeworks Cut(S37) - Stage 1, +40mPD		100%		2 18-Nov-10 A	01-Feb-11 A										
S27S5112			100%		2 30-Jan-12 A	19-Apr-12 A										
S27S5120	Slopeworks Fill(S38)(Including removal of existing retaining wall)		100%		6 13-Apr-12 A	21-Aug-12 A										
S27S5121	Slopeworks Fill(S38) : Removal of existing retaining wall		100%		13-Apr-12 A	19-May-12 A										
S27S5122			100%		4 26-May-12 A	08-Jun-12 A				1 1 1	 	· · · · · · · · · · · · · · · · · · ·		 	 -	,
S27S5123	Slopeworks Fill(S38) - Stage 2, +34mPD		100%		11-Jun-12 A	11-Jul-12 A										7 1 1
S27S5124	Slopeworks Fill(S38) - Stage 3, formation level		100%	24	11-Jul-12 A	21-Aug-12 A										1
S27S5130	Slopeworks Cut(S39)		100%	138	3 19-Jun-10 A	23-Feb-11 A										1 1 1
S27S5131	Slopeworks Cut(S39) - Stage 1, +37mPD		100%	46	6 19-Jun-10 A	12-Aug-10 A										1
								;	I			; i	:	;		

ctivity ID	Activity Name	Total	Activity %	Original Start	Finish				2013					2014	
		Float	Complete	Duration		44	40	Q3		45	Q4	47	40	Q1	
S27S5132	Slopeworks Cut(S39) - Stage 2, +35mPD		100%	46 13-Aug-10 A	07-Oct-10 A	41	42	43	44	45	46	47	48	49	50
S27S5133	Slopeworks Cut(S39) - Stage 3, formation level		100%	46 28-Dec-10 A	23-Feb-11 A				·						
S27S5150	Slope Reinstatement Works (S42)	70	0%	40 30-Jul-13	13-Sep-13				Slo	ope Reinstatem	eht Works (S4	2)			
	ion of Retaining Wall W66/67 (CSD 2) & W71														
S27S1100	W66 & W67 (CSD 2)		100%	45 02-Oct-10 A	19-Mar-11 A										
S27S1101	Base Slab (W66)		100%	30 02-Oct-10 A	01-Nov-10 A										
S27S1102	Wall Stem (W66)		100%	30 02-Nov-10 A	26-Dec-10 A										
S27S1103	Base Slab (W67)		100%	30 08-Nov-10 A	25-Dec-10 A										
S27S1113	Wall Stem (W67)		100%	24 28-Feb-11 A	19-Mar-11 A										
S27S1115	Backfill for W66&67		100%	61 27-Jun-11 A	15-Oct-11 A		1								
S27S1200	Retaining Wall W71 (Bay1 - Bay5)		100%	110 02-Jun-10 A	12-Oct-10 A										
S27S1210	Retaining Wall W71 : Base Slab		100%	55 02-Jun-10 A	06-Aug-10 A			-							
S27S1220	Retaining Wall W71 : Wall Stem		100%	55 07-Aug-10 A	12-Oct-10 A										
S27S1230	Backfill for W71		100%	50 27-Jun-11 A	24-Aug-11 A										
	s, Drainage & Utilities		10070			_									
S27S4000	Roadworks, Drainages & Utilities - Stage 1 (CH 3900 - 4740)	15	72.57%	357 13-Apr-12 A	20-Nov-13							adworks Dr	ainages & Utili	ities - Stane	1 (CH 390)
S27S4004	Utilities - Stage 1 (W66 & W67)		100%	60 13-Apr-12 A	19-Apr-12 A							+		······	
S27S4006	Road and Drainages Works - Stage 1		100%	60 11-May-12 A	31-Jul-12 A										
S27S4010	Road Surface - Stage 1		100%	50 28-Jul-12 A	11-Dec-12 A										
S27S4010	Roadmark and Lane Shifting - Stage 1		100 %	30 12-Dec-12 A	27-Dec-12 A										
S27S4012	Removal of existing paving - Stage 2 (Remaining CH4500 - 4740)	15	0%	25 30-Jul-13					Bomoval	of existing pavi	ctore 2 (
			0%		27-Aug-13								Lane - Stage 2		
S27S4035 S27S4045	Road and Drainage Works for Slow Lane - Stage 2 (incl. VO 55: Provision			30 28-Aug-13	03-Oct-13								-		
	Road Surface Works for Slow Lane	15	0%	10 04-Oct-13	16-Oct-13						ad Surface W				
S27S4055	Road Construction and Remaining Works (along CH4500 - 4740)	15	0%	30 17-Oct-13	20-Nov-13						H	oad Construc	tion and Rema	aining works	along CF
	tion of Bridge 15A				<u></u>										
	ory and Enabling Works														
S26AS205	Site Clearance		100%	102 01-Jun-10 A	30-Sep-10 A										
S26AS210	Hual Road		100%	102 01-Jun-10 A	30-Sep-10 A										
S26AS215	11KV Diversion, CLP		100%	102 01-Jun-10 A	30-Sep-10 A										
S26AS225	2 nos. Existing fresh water mains diversion		100%	36 26-Jan-11 A	11-Mar-11 A										
S26AS235	Existing tel cable diversion, PCCW		100%	36 26-Jan-11 A	11-Mar-11 A							 			
S26AS245	HyD/Lighting		100%	60 26-Jan-11 A	09-Apr-11 A										
Substruc	ture and Pier Construction														
South Abu	utment, P1 to P5														
S26AS220	Piling - South Abutmentt, P1 to P5 (incl. VO29: revised piling details)		100%	335 02-Jul-10 A	16-Aug-11 A										
S26AS230	Excavation & Cap-South Abutment, P1 to P5 (incl. VO6: Bridge 15A cap sl		100%	173 07-Feb-11 A	05-Sep-11 A										
S26AS240	Pier & backfill, South Abutment, P1 to P5		100%	112 13-Jun-11 A	26-Oct-11 A										
South Abu	utment														
S26AS770	Piling - South Abutment		100%	71 02-Jul-10 A	07-Feb-11 A		1								
S26AS780	Cap & Backfill - South Abutment		100%	37 07-Feb-11 A	22-Mar-11 A										
S26AS790	South Abutment		100%	21 13-Jun-11 A	14-Jul-11 A		1 1 1								
S26AS800	COD: 15ASA Wingwall		100%	14 13-Jun-11 A	14-Jul-11 A										· · · · · · · · · · · · · · · · · · ·
P1															
S26AS610	Piling - P1		100%	66 18-Jan-11 A	09-Apr-11 A										
S26AS620	Cap & Backfill - P1		100%	37 26-May-11 A	09-Jul-11 A										
S26AS630	Pier - P1		100%	36 11-Jul-11 A	22-Sep-11 A										

ctivity ID	32 Activity Name	Total Activity %	Original Start	Finish	2013 2014
	Activity Name	TotalActivity %FloatComplete		FINISH	Q3 Q4 Q1
S26AS640	Piling - P2	100%	66 26-Apr-11 A	27-May-11 A	<u>41 42 43 44 45 46 47 48 49 50</u>
S26AS650	Cap & Backfill - P2	100%	37 09-Jun-11 A	23-Jul-11 A	
S26AS660	Pier - P2	100%	36 26-Aug-11 A	22-Oct-11 A	
P3		10070			
S26AS670	Piling - P3	100%	66 28-Dec-10 A	01-Feb-11 A	
S26AS680	Cap & Backfill - P3	100%	37 26-Mar-11 A	14-May-11 A	
S26AS700		100%	36 09-May-11 A	21-Jun-11 A	
P4		10070			
S26AS548	Piling - P4	100%	63 09-Feb-11 A	26-Mar-11 A	
S26AS550	Cap & Backfill - P4	100%	46 07-Apr-11 A	16-May-11 A	
S26AS550	Pier - P4	100%	36 27-Jun-11 A	08-Aug-11 A	
		100 %	30 27-3011-11 A	08-Aug-11 A	
P5 S26AS570	Piling - P5	100%	54 23-May-11 A	23-Jul-11 A	
S26AS570					
	Cap & Backfill - P5	100%	36 04-Aug-11 A	16-Sep-11 A	
S26AS590	Pier - P5	100%	36 18-Nov-11 A	29-Feb-12 A	
P6		1000/			
S26AS222	Piling-P6 Stage 1 (6 no.)	100%	20 26-Nov-11 A	19-Dec-11 A	
S26AS226	Piling-P6 Stage 2 (Remain, 9 no.)	100%	30 18-May-12 A	26-May-12 A	
S26AS232	Cap & Backfill - P6	100%	36 05-Oct-12 A	09-Nov-12 A	
S26AS242		100%	12 20-Nov-12 A	13-Dec-12 A	
North Abut					
S26AS224	Piling-North Abutment, Stage 1 (11no.)	100%	36 07-Oct-11 A	17-Nov-11 A	
S26AS228	Piling-North Abutment, Stage 2 (Remain, 16 no.)	100%	60 11-May-12 A	16-Jul-12 A	
S26AS234	Excavation & Cap-North Abutment	100%	30 08-Aug-12 A	18-Dec-12 A	
S26AS236	Abutment	100%	20 24-Dec-12 A	18-Jan-13 A	
S26AS244	Backfilling	100%	50 22-Jan-13 A	15-May-13 A	kfilling
Decking a	and Finishing				
S26AS250	Bridge Deck (7 spans) (Bearing, Drainage & MJ included) (incl. VO 44: Re	100%	314 26-Nov-11 A	28-Mar-13 A	Bearing, Drainage & MJ included) (incl. VO 44: Revised Drainage Arrangement for Bridge 15A Deck)
S26AS251	Bridge Deck - Pier 1 to South Abutment	100%	75 26-Nov-11 A	26-May-12 A	
S26AS252	Bridge Deck - Pier 2 to Pier 1	100%	75 11-May-12 A	29-Aug-12 A	
S26AS253	Bridge Deck - Pier 3 to Pier 2	100%	75 01-Jun-12 A	06-Nov-12 A	
S26AS254	Falsework dismantling of deck - Pier 3 to Pier 2	100%	18 03-Dec-12 A	22-Feb-13 A	to Pier 2
S26AS255	Bridge Deck - Pier 4 to Pier 3	100%	75 11-Aug-12 A	22-Dec-12 A	
S26AS256	Falsework dismantling of deck - Pier 4 to Pier 3	100%	18 25-Feb-13 A	03-May-13 A	rk dismantling of deck - Pier 4 to Pier 3
S26AS257	Bridge Deck - Pier 5 to Pier 4	100%	75 27-Aug-12 A	31-Jan-13 A	
S26AS258	Falsework dismantling of deck - Pier 5 to Pier 4	100%	18 11-Mar-13 A	30-May-13 A	Falsework dismantling of deck - Pier 5 to Pier 4
S26AS259	Falsework Erection of deck - Pier 6 to Pier 5	100%	18 03-Dec-12 A	23-Feb-13 A	Pier 5
S26AS260	Bridge Deck - Pier 6 to Pier 5	100%	75 29-Dec-12 A	19-Apr-13 A	Pier 6 to Pier 5
S26AS261	Falsework dismantling of deck - Pier 6 to Pier 5	100%	18 06-May-13 A	14-Jun-13 A	Falsework dismanting of deck - Pier 6 to Pier 5
S26AS262	Falsework Erection of deck - North Abutment to Pier 6	100%	18 31-Dec-12 A	04-Feb-13 A	Pier 6
S26AS263	Bridge Deck - North Abutment to Pier 6	100%	50 14-Jan-13 A	28-Mar-13 A	tment to Pier 6
S26AS264	Falsework dismantling of deck - North Abutment to Pier 6	100%	18 13-May-13 A	14-Jun-13 A	Falsework dismantling of deck - North Abutment to Pier 6
S26AS269	Parapet (icl, precast concrete skin)	100%	50 06-Dec-12 A	08-Jun-13 A	Parapet (icl, precast concrete skin)
S26AS270	Noise Barrier for Bridge 15A	100%	25 27-Mar-13 A	12-Jun-13 A	Noise Barrier for Bridge 15A
S26AS272	Surfacing	100%	10 10-May-13 A	20-Jun-13 A	Surfacing
S26AS275	Lighting	100%	7 04-May-13 A	07-Jun-13 A	Lighting
S26AS280	Handover Inspection of Bridge 15A	100%	3 20-Jun-13 A	22-Jun-13 A	Handover Inspection of Bridge 15A
	r Pre-Handover Retaining Wall of Section 3	<u> </u>	<u> </u>		

ity ID	Activity Name	Total		Original Start	Finish			2013	01	2014	
		Float	Complete	Duration		41 4	Q3 42 43	44 45	Q4 46 47	Q1 48 49	5
HRW0030	Ready For Pre-Handover Retaining Wall W65C, W68, W69, W70, W72A	99	0%	7 03-Aug-13	10-Aug-13			dy For Pre-Handover Retaining W			_
HRW0031	Ready For Pre-Handover Retaining Wall W65A, W65B, W66, W67, W71	106	0%	7 26-Jul-13	02-Aug-13		🛄 Ready	For Pre-Handover Retaining Wall	W65A, W65B, W66, W67	, W71	
Section 4											
Site Area S	SA28										
PHSA2820	Possession of SA28 (Day0)		100%	0 26-Feb-10 A							
SA280000	Site Area SA28 Works Period	160	85.49%	1216 26-Feb-10 A	18-Jan-14					Site Area SA2	28 Work
SA280010	Site Area SA28 Works Completion	160	0%	0	18-Jan-14	······································				Site Area SA2	28 Work
SA280030	Temporary Traffic Arrangement (Detail shall refer to supplementary inform	128	85.2%	983 26-Feb-10 A	18-Jan-14					Temporary Tr	affic Ar
SA280040	Overall Utilities Diversion (Detail shall refer to supplementary information)	128	85.2%	983 26-Feb-10 A	18-Jan-14					Overall Utilitie	∍s Ďivei
North Bou	nd										
Preliminarie	es										
S28N0000	Site Clearance/Access Rd		100%	239 26-Feb-10 A	19-Feb-11 A					·	· L
S28N0010	Site Clearance (ch 4830-5250)	_	100%	75 26-Feb-10 A	05-Jun-10 A						
S28N0020	Site Clearance (ch 5250-5700)		100%	75 17-Apr-10 A	23-Jul-10 A						
S28N0110	Access Rd (ch 4830-5250)	1	100%	75 30-Jun-10 A	04-Oct-10 A						
S28N0120	Access Rd (ch 5250-5700)		100%	75 09-Sep-10 A	19-Feb-11 A						
Slopeworks	S										
S28N5000	Slopeworks Fill S44		100%	36 28-Dec-11 A	11-Feb-12 A						
S28N5010	Slopeworks Fill S45	62	0%	40 03-Sep-13	22-Oct-13			Slope	works Fill S45		
Constructio	on of Retaining Wall		11								
Retaining W	Vall W72B (CSD 1)										
S28N2010	Prepare Piling Platform for W72B		100%	13 14-Sep-10 A	29-Sep-10 A				· · · · · · · · · · · · · · · · · · ·	·	
S28N2020	Pre-drilling for W72B		100%	13 14-Sep-10 A	29-Sep-10 A						
S28N2040	Piling works		100%	24 01-Mar-11 A	21-Mar-11 A						
S28N2050	Capping/Walling for W72B		100%	50 26-May-11 A	25-Jul-11 A						
S28N2051	Pile Cap for W72B		100%	30 26-May-11 A	09-Jun-11 A						
S28N2052	Walling for W72B		100%	75 21-Jun-11 A	17-Sep-11 A				· · · · · · · · · · · · · · · · · · ·		
S28N2060	Backfilling		100%	68 26-Sep-11 A	15-Dec-11 A						
Retaining W	Vall W73 (CSD 1)	1	<u>, </u>								
S28N2071	Excavation & ELS		100%	24 14-Sep-10 A	13-Oct-10 A						
S28N2072	W73 wall Structure (7 bays)		100%	45 01-Mar-11 A	20-Apr-11 A						
S28N2073	Base Slab W73		100%	24 01-Mar-11 A	28-Mar-11 A				· · · · · · · · · · · · · · · · · · ·		
S28N2074	Wall Stem & W73		100%	24 25-Mar-11 A	20-Apr-11 A						
S28N2080	Backfill		100%	75 09-Jul-11 A	24-Dec-11 A						
Retaining W	Vall for Accom. Underpass Extn. (CSD 1)										
S28N230	Pre-drilling for Accommodation Underpass Extension		100%	30 30-Jun-10 A	04-Aug-10 A						
S28N240	Prepare Piling Platform for Accom.Underpass Extn		100%	30 30-Jun-10 A	04-Aug-10 A						
S28N250	Piling works		100%	45 01-Mar-11 A	25-Mar-11 A						
S28N260	Capping/Walling (incl. VO71: Details of typical section for slip road R verge		100%	54 26-Mar-11 A	03-Jun-11 A						
S28N270	Capping (AUE)		100%	45 26-Mar-11 A	25-May-11 A						1
S28N280	Walling (AUE)		100%	55 26-May-11 A	30-Jul-11 A						
S28N290	Backfilling		100%	62 26-Sep-11 A	17-Dec-11 A		· · · · · · · · · · · · · · · · · · ·			·	·
Retaining V	Vall W74	1	, , , , , , , , , , , , , , , , , , , ,	J							
S28N2105	Liasion with location resident for slip road diversion		100%	75 26-Feb-10 A	05-Jun-10 A						
S28N2115	Utilities Diversion		100%	60 07-Jun-10 A	17-Aug-10 A						
S28N2120	Temporary road and pedestrian diversion		100%	60 18-Aug-10 A	29-Oct-10 A						
000010405	Pre-drilling for Piles		100%	15 21-Oct-10 A	19-Nov-10 A		· <mark>-</mark> 		·····	·	·

	34		·													
Activity ID	Activity Name	Total Float	Activity % Complete	Origina Duratior		Finish			Q3	2013		Q4			2014 Q1	
		Tioat					41	42	43	44	45	46	47	48	49	50
S28N2130	5		100%		26-Mar-11 A	18-Apr-11 A										
S28N2134			100%		6 07-Jan-13 A	01-Feb-13 A		1							1 1 1	1 1 1
S28N2135			100%		5 21-Feb-13 A	22-Apr-13 A	r W74 (Stage 1	¦ Bay1 - 3)								
S28N2140	Temporary Work for Excavation (Stage 1: Bay1 - 3)		100%	20) 27-Jun-12 A	31-Jul-12 A			, , , ,	, , , ,	, , , 	, , ,	' ' !	, , , ,	' ' ' 	, , , ,
S28N2145			100%	18	3 18-Jul-12 A	31-Jul-12 A										
S28N2150	Pile Head Trimming and bearing plate (Stage 1: Bay1 - 3)		100%	14	27-May-13 A	11-Jun-13 A	Pile He	e ad Trimmii	ng and bearing	-	1					
S28N2155	Retaining Wall Construction (Stage 1: Bay1 - 3)	57	26.67%	45	5 11-Jun-13 A	02-Sep-13				🛓 Retaining	Wall Constru	ction (Stage	1: Bay1 - 3)			
S28N2156	Base Slab (W74) (Bay 1- 3)	57	80%	30) 25-May-13 A	01-Aug-13		:	Base Slab	(W74) (Bay 1	1-3)					
S28N2158	Wall Stem (W74) (Bay 1- 3)	57	10%	30) 23-Jul-13 A	02-Sep-13		C			n (W74) (Bay					
S28N2160	Retaining Wall Construction (Stage 2: Bay 4 - 9)	-5	40.59%	202	2 23-Apr-13 A	16-Dec-13							Reta	aining Wall Co	onstruction (S	Stage 2: Ba
S28N2161	Falsework removal bewteen NLK deck P8 - P9		100%	26	3 23-Apr-13 A	20-Jul-13 A			alsework remo	val bewteen N	NLK deck P8 -	P9				
S28N2162	Piling work for W74 (Stage 2: Bay 4 - 9)	-5	20%	50) 24-Jun-13 A	10-Sep-13		1	i I	Piling	work for W74	Stage 2: Bay	4 - 9)			
S28N2164	Temporary Work for Excavation (Stage 2: Bay 4 - 9)		100%	18	3 27-Jun-12 A	17-Jul-12 A									1	
S28N2165	Excavation and Tie Back to Formation Level (Stage 2: Bay 4 - 9)		100%	19) 18-Jul-12 A	31-Jul-12 A										
S28N2167	Base Slab (W74) (Bay 4 - 9)	-5	0%	25	5 11-Sep-13	11-Oct-13					Base	\$lab (W74) (E	Bay 4 - 9)		1 	· [
S28N2168	Wall Stem (W74) (Bay 4 - 9)	-5	0%	30) 12-Oct-13	16-Nov-13						Wa	l Stem (W74)	(Bay 4 - 9)		
S28N2190		-5	0%	25	5 18-Nov-13	16-Dec-13								kfilling	1 1 1	
	rier NB43 (AD5)												1			
S28N2500			100%	127	7 01-Jun-10 A	10-Feb-11 A										
S28N2510			100%		6 16-Nov-10 A	26-Dec-10 A						·		·	 	
S28N2520	Noise Barrier Construction Stage 1 (Bay 1 - 3)		100%	72	2 03-Feb-12 A	14-Aug-12 A										
S28N2525			100%	75	5 09-Jan-13 A	18-Jun-13 A	Noi	; ise Barrier (onstruction Sta	age 2 (Bay 4 -	9)				1	
S28N2526		-6	0%) 25-Sep-13	01-Nov-13					1	Noise Ban	¦ rier Constructi	¦ ion Stage 3 rei	, maining (Bay	v 4 - 7) Wa
S28N2530			100%		5 29-Dec-12 A	31-Jan-13 A								 		,
S28N2531	Erection of Steel Post & Panel (Bay 4 - 9)	-6	0%) 01-Nov-13	13-Nov-13					- <mark> </mark> - <mark> </mark> 	Erect	tion of Steel P	ost & Panel (E		
	Construction Works, Roadworks, Drainage & Utilities	Ū	0 / 0													
	VO 25: Construction of Cross road Ducts & traffic signal Drawpits at propo		100%	1() 27-Apr-11 A	12-Sep-12 A	Road West									
S28N3900	CLP & Gasmian Diversion, Tear Drop/Slip Road T(incl. VO 19: Protection f		100%		5 15-Oct-11 A	12-Jun-12 A										
S28N3902	DN400 landfill gasmain at NB41-stage 1		100%		5 21-Nov-12 A	28-Nov-12 A										
S28N3904	DN400 landfill gasmain at NB41-stage 2		100%		5 17-Dec-12 A	02-Mar-13 A	ge 2									
S28N3906	New Joint Box construction for CLP 132kV		100%) 24-Dec-12 A	14-May-13 A	v Joint Box con	1								
S28N3910	Watermain, traffic light, road drains & gully, Tear Drop/Slip Road T (incl. V		100%		5 15-Aug-11 A	11-Mar-13 A	ins & gully, Tea	ar Drop/Slip	Road T (incl. V	052)						
S28N3920	COD: TTA Case 50 Stage 1 & 2 (Epron ordered: 16-12-11, expected delive		100%		16-Dec-11 A	21-Apr-12 A										
S28N3970	Pavement at Tear Drop Area, Slip Road T & Traffic diversion		100%) 18-May-12 A	11-Mar-13 A	ip Road T & Tr									
S28N4002	Roadworks, Drainages & Utilities, TWSRW Road from NB41-bay 6 to NB4		100%) 18-May-12 A	23-Mar-13 A			n NB41-bay 6 to	1	Ĩ				 	
S28N4004	Drainage, Utilities & Removal of existing paving (incl.TTA & VO 77 Provisio		100%	75	5 18-May-12 A	11-Mar-13 A	existing paving	g (incl.TTA	& VO 77 Provisi	on of cable du	uct for power	supply)			1 1	1 1
S28N4006	Road surfacing, Tai Wo Service Road West from NB41-bay 6 to NB42-ba		100%	60) 22-Jan-13 A	23-Mar-13 A	ervice Road W	est from NB	41-bay 6 to NB4	42-bay12 (incl	I. VO 81 main	tenan <i>c</i> e aces	s for NB41 & N	NB42)		
S28N4010	Roadworks to NKL Flyover and Ramps	-10	96%	175	5 30-Jan-13 A	02-Aug-13		1	Roadwork	s to NKL Flyo	over and Ram	p¦s				
S28N4012	Roadworks to NKL Flyover and Ramp - South Ramp to SA		100%	50) 30-Jan-13 A	24-Jul-13 A		<u>.</u>	Roadworks to	NKL Flyover	and Ramp - S	oputh Ramp to	SA			
S28N4014	Roadworks to NKL Flyover and Ramp - North Ramp to NA	-8	75%	20) 13-Jun-13 A	31-Jul-13			Roadworks	to NKL Flyov	ver and Ramp	- North Ram	p to NA		· L	· · · · · · · · · · · · · · · · · · ·
S28N4020	Road Marking of New Lam Kam Bridge and Final Diversion of South Boun	-10	30%	1() 23-Jul-13 A	02-Aug-13		; c	Road Mar	king of New L	am Kam Brid	ge and Final I	Diversion of S	outh Bound T	raffic from NI	LK Bridge t
S28N4024	Road and Drainage Works (along W74 and NB38)	-5	0%	20) 17-Dec-13	11-Jan-14								Road a	and Drainag	,e Works (a
S28N4030	300d, 1200d watermain (chA9.00-ch182.00) & Firemains	50	80.61%	362	2 06-Aug-10 A	19-Oct-13	1	1	1	1 1 1	30	0¦d, 1200d wa	termain (chA9	00-ch182.00	& Firemains	s
S28N4040	Cable Detection and Trial Pit Excavation		100%	72	2 06-Aug-10 A	19-Sep-10 A										
S28N4050	Sheet Pile & ELS		100%	72	2 20-Sep-10 A	15-Feb-11 A		J	 	- L	- L	1 1 1	1 1 1		L	· L
S28N4060	TBM Boring and Installation of Sleeve Pipe		100%) 16-Feb-11 A	23-Mar-11 A									1 1 1	
S28N4070	Water Pipe installation - inside the sleeve pipe (ch0.00-ch70.00)		100%) 24-Mar-11 A	28-Jul-11 A										
S28N4080	Water Pipe installation (DN1200 chA9.00-0 & DN300 CHA7.3 - 0)		100%		5 19-May-12 A	19-Nov-12 A										
020114000			10076	1.							1		1		1 1	

	35					
Activity ID	Activity Name	Total	Activity %	Original Start	Finish	2013 2014
		Float	Complete	Duration		Q3 Q4 Q1 41 42 43 44 45 46 47 48 49 50
S28N4090	Water Pipe installation (DN1200 CH70-165 & CH210-530 approx)		100%	75 28-Dec-11 A	02-Mar-13 A	170-165 & CH210-530 appr <mark>ox</mark>)
S28N4202	Water Pipe installation (DN1200 CH185 -210 cross road)		100%	75 28-Nov-12 A	02-Mar-13 A	1185 -210 cross/road)
S28N4220	Water Pipe installation (DN300 CH70 -166)		100%	75 21-Jan-13 A	09-Apr-13 A	tion (DN300 CH70 -166)
S28N4230	Water Pipe installation (DN300 CH166 -247)		100%	75 04-Jun-12 A	09-Apr-13 A	tion (DN300 CH166 -247)
S28N4240	Water Pipe installation (DN300 CHBB5 - 49)		100%	75 15-Feb-13 A	09-Apr-13 A	tion (DN300 CHBB5 - 49)
S28N4250	Water Pipe installation (DN600 CHB0-84 & CHC0-76 Cross Road)		100%	75 28-Nov-12 A	26-Apr-13 A	installation (DN600 CHB0-84 & CHC0-76 Cross Road)
S28N4260	Remaining Works for Water Pipe installation (DN1200 CH183 - 227 cross r	-1	0%	75 14-Aug-13	13-Nov-13	Remaining Works for Water Pipe installation (DN1200 (
S28N4270	Remaining Works for Water Pipe installation (DN1200 CH280 - 330)	90	70%	75 14-May-13 A	29-Aug-13	Remaining Works for Water Pipe installation (DN1200 CH280 - 330)
S28N4280	Remaining Works for Water Pipe installation (DN1200 CH515 - 529)	90	0%	30 26-Jul-13	29-Aug-13	Remaining Works for Water Pipe installation (DN1200 CH515 - 529)
S28N4290	Remaining Works for Water Pipe installation (DN600 CHB2.8 - 30.2)	50	10%	60 08-Jul-13 A	19-Oct-13	Remaining Works for Water Pipe installation (DN600 CHB2.8 - 30.
S28N4300	Remaining Works for Water Pipe installation (DN600 CHC10.4 - 28.4)	50	10%	60 08-Jul-13 A	19-Oct-13	Remaining Works for Water Pipe installation (DN600 CHC10.4 - 2)
S28N4310	Remaining Works for Water Pipe installation (DN300 CH183 - 227 cross ro	-1	0%	75 14-Aug-13	13-Nov-13	Remaining Works for Water Pipe installation (DN300 C
S28N4320	Remaining Works for Water Pipe installation (DN300 CHBB0 - 11)	-1	0%	45 13-Nov-13	08-Jan-14	Remaining Works for Water Pi
S28N4330	Roadworks, Drainages & Utilities at TWSRW Road from NB38 to NB41-ba	-6	0%	0 26-Nov-12 A	01-Nov-13	Roadworks, Drainages & Utilities at TWSRW Road from NB3
S28N4340	CLP Tie-in (Cross road and joint bay)		100%	75 26-Nov-12 A	04-Jun-13 A	CLP Tie-in (Cross road and joint bay)
S28N4350	Removal existing paving, Drainage & Utilities (incl.TTA case 50 stage 7 &	-6	0%	35 14-Aug-13	25-Sep-13	Removal existing paving, Drainage & Utilities (incl.TTA case 50 stage 7 & 8 a
S28N4360	Road Works and Road surfacing at Tai Wo Service Road West from NB38	-6	0%	30 25-Sep-13	01-Nov-13	Road Works and Road surfacing at Tai Wo Service Road Wo
S28N4370	Road Works and Road Surfacing at Slip Road T (Slow Lane)	-6	0%	30 25-Sep-13	01-Nov-13	Road Works and Road Surfacing at Slip Road T (Slow Lane)
S28N4380	Roadworks, Drainages & Utilities at TWSRW Road from NB38 to NB41- b	-11	0%	94 25-Sep-13	18-Jan-14	Roadworks, Drainages & U
S28N4390	Removal existing paving, Drainage & Utilities (incl.TTA case 50 stage 9 &	-1	0%	35 25-Sep-13	07-Nov-13	Removal existing paving, Drainage & Utilities (incl.TTA ca
S28N4400	Road Works and Road surfacing at Tai Wo Service Road West from NB38	-1	0%	35 07-Nov-13	18-Dec-13	Road Works and Road surfacing at Tai
S28N4410	Road Works and Road Surfacing at Slip Road T (Fast Lane)	-1	0%	35 07-Nov-13	18-Dec-13	Road Works and Road Surfacing at Slip
S28N4420	Remaining Road Works at Slip Road T and TWSRW Road from NB38 to	-11	0%	15 31-Dec-13	18-Jan-14	Remaining Road Works at
S28N4430	CLP Tie-in (joint bay)		100%	75 01-Dec-12 A	04-Jun-13 A	CLP Tie-iņ (joint bay
S28N4440	Transition Road Construction Works for TWSRW Road C2/C3 interface	117	70%	60 10-Jun-13 A	15-Aug-13	Transition Road Construction Works for TWSRW Road C2/C3 interface
Noise Barri	iers & Road Barriers					
Noise Barri	ier NB38, NB39, NB40 & NB41 (AD5)					
S28N2301	WSD/DSD/HKCG/PCCW/HGC/CATV/NWT/HKBN/TGT/CLP Diversion		100%	124 19-May-10 A	15-Oct-10 A	
S28N2302	Temporary Noise Barrier Installation		100%	45 18-Oct-10 A	26-Dec-10 A	
S28N2303	Pre-Drilling for NB39 & NB41		100%	21 26-Jan-11 A	22-Feb-11 A	
S28N2304	Confirmation of Founding Level		100%	14 26-Mar-11 A	12-Apr-11 A	
S28N2310	Excavation		100%	10 03-Feb-12 A	14-Feb-12 A	
S28N2314	Noise barrier Construction (NB38 - NB41)	-6	84.93%	937 26-Apr-11 A	14-Jan-14	Noise barrier Construction (
S28N2316	Noise barrier Construction NB38	79	0%	30 14-Aug-13	18-Sep-13	Noise barrier Construction NB38
S28N2318	Noise barrier Construction NB39 (base slab)		100%	75 19-Apr-12 A	31-Dec-12 A	
S28N2320	Noise barrier Construction NB41 (incl. VO 23: Provision of Drainage of Noi		100%	50 26-Apr-11 A	25-Jun-11 A	
S28N2330	Noise barrier Construction NB39 (Wall)	74	50%	30 27-Feb-13 A	25-Sep-13	Noise barrier Construction NB39 (Wall)
S28N2340	Erection of steel and panel (NB41)		100%	24 11-May-12 A	05-Jun-12 A	
S28N2350	Erection of steel and panel (NB39)	74	0%	10 25-Sep-13	08-Oct-13	Erection of steel and panel (NB39)
S28N2355	Erection of steel and panel (NB38)	79	0%	10 18-Sep-13	02-Oct-13	Erection of steel and panel (NB38)
S28N2370	Noise Barrier Construction NB40 (Bay1 to Bay3)	-6	0%	50 01-Nov-13	02-Jan-14	Noise Barrier Construction NB40
S28N2380	Noise Barrier Construction NB40 (Bay4 to Bay5)	107	55%	40 25-Mar-13 A	15-Aug-13	Noise Barrier Construction NB40 (Bay4 to Bay5)
S28N2385	Erection of steel and panel (NB40)	-6	0%	10 02-Jan-14	14-Jan-14	Erection of steel and panel
	trol & Survelance System					
S28N4800	TCSS (ch4820-ch5640) & (Gantry G29) (incl. VO73 Revised Sign Gantry D	. 107	30%	40 29-Apr-13 A	27-Aug-13	TCSS (ch4820-ch5640) & (Gantry G29) (incl. VO73 Revised Sign Gantry Details)
Landscapir						
S28N6000	Landscaping Works (ch4820 - 5640)	67	0%	50 16-Aug-13	16-Oct-13	Landscaping Works (ch4820 - 5640)
South Bou			0,0			

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ctivity ID	Activity Name	Total Float	Activity % Complete	Original Start Duration	Finish		2013 Q3	Q4			2014 Q1	
		liteat	Complete			41 42	43 44 45	46	47	48	49	50
Prelimina			· · ·									
S28S0000	, , , , , , , , , , , , , , , , , , ,		100%	0 23-Jun-10 A	01-Feb-11 A							
S28S0010			100%	75 23-Jun-10 A	18-Sep-10 A			· · · · · · · · · · · · · · · · · · ·	 			
S28S0020			100%	75 27-Jul-10 A	01-Feb-11 A							
	ks, Drainage & Utilities											
S28S4010		-6	73.33%	454 11-May-12 A	17-Dec-13				Roa	dworks, Dra	ainages & Utilit	ies (CH48
S28S4012	Removal of existing paving - Stage 1 (CH5300 - 5700 & Slip Road W)		100%	75 11-May-12 A	08-Jun-13 A	Removal of existing	paving - Stage 1 (CH5300 - 5700 & Slip F	Road W)				
S28S4016	Utilities - Stage 1		100%	75 11-May-12 A	08-Feb-13 A				}			
S28S4020	Road and Drainages Works - Stage 1 (incl.VO 75 Modification of existing S		100%	75 11-May-12 A	25-Jun-13 A	Road and I	rainages Works - Stage 1 (incl.VO 75 Mod	lification of e	xisting SAV Cl	hamber)		
S28S4021	Road Surface and Roadmark - Stage 1 (Slow Lane)		100%	30 18-Mar-13 A	18-Jul-13 A		oad Surface and Roadmark - Stage 1 (Slo	v Lane)				
S28S4025	Removal of existing paving - Stage 2 (CH5300 - 5700 & Slip Road W)	-6	30%	30 19-Jul-13 A	19-Aug-13		Removal of existing paving -	Stage 2 (CH	\$00 - 5700 &	\$lip Road W	/)	
S28S4027	Utilities - Stage 2 (CH5300 - 5700) (incl. VO 77 Provision of cable duct for	-6	0%	30 20-Aug-13	24-Sep-13		Utilities - Stag	e 2 (CH5300	- 5700) (incl.	VO 77 Provi	ision of cable	duct for po
S28S4029	Road and Drainages Works - Stage 2	-6	0%	30 20-Aug-13	24-Sep-13		Road and Dra	inages Work	s - Stage 2			
S28S4031	Road Surface and Roadmark - Stage 2 (Fast Lane)	-6	0%	30 25-Sep-13	31-Oct-13			Road Surf	ace and Road	mark - Stage	e 2 (Fast Lane	э)
S28S4085	Remaining Road Works at Slip Road W	-6	0%	40 01-Nov-13	17-Dec-13				Rer	haining Road	d Works at Sli	ip Road W
Noise Bar	rriers 44 & Road Barriers											
Noise Ba	rrier NB44									 		
S28S2000	0 Excavation for NB44		100%	219 25-Aug-10 A	24-May-11 A	_						
S28S2010	0 Excavation for NB44 (Bay1& Bay2)		100%	44 25-Aug-10 A	18-Oct-10 A							
S28S2020			100%	44 19-Oct-10 A	08-Dec-10 A							
S28S2030			100%	44 26-Apr-11 A	26-May-11 A							
S28S2040			100%	36 26-Aug-11 A	10-Oct-11 A							
S28S2050			100%	43 14-Oct-11 A	03-Dec-11 A							
S28S2060			100%	282 26-Mar-11 A	20-Dec-11 A	· · · · · · · · · · · · · · · · · · ·		1 1 1 1				- L
S28S2070			100%	32 26-Mar-11 A	15-Apr-11 A							
S28S2080			100%	32 06-Apr-11 A	21-Apr-11 A				1 1 1	1		1 1 1
			100%	32 26-May-11 A	04-Jun-11 A	_						
S28S2100			100%	30 26-Apr-11 A	26-May-11 A	_						
S28S2110			100%	24 26-Sep-11 A	25-Oct-11 A							
S28S2120			100%	24 26-Oct-11 A	22-Nov-11 A	_						
S28S2120				24 23-Nov-11 A	22-N0V-11 A	_						
52652130			100%			_						
S28S2140			100%	24 23-Nov-11 A	20-Dec-11 A					1 1 1		
S28S2150			100%	23 23-Nov-11 A	20-Dec-11 A			, , , ,		 		- <mark> </mark>
S28S2090 S28S2100 S28S2110 S28S2110 S28S2120 S28S2120 S28S2140 S28S2140 S28S2160 S28S2160 S28S4800 S28S4800 S28S4800 S28S4800 S28S4800 S28S4800 S28S4800 S28S1200 S28S1200 S28S1250 S28S1250		00	100%	18 23-Nov-11 A	20-Dec-11 A	_						
S28S2170		68	0%	7 26-Jul-13	02-Aug-13		Remaining NB44 installation of panel					
Traffic Co	ontrol & Survelance System							000				
S28S4800		61	42.58%	130 28-Feb-13 A	24-Oct-13			CSS				
S28S4810		104	70%	24 28-Feb-13 A	03-Aug-13		TCSS - Stage 1 (ch4820 - ch5520)			 		-
S28S4850		61	0%	24 24-Sep-13	24-Oct-13			CSS - Stage	5 (ch5520 - c	h5640), (Ga	antry G56) (inc	.∥. VO73 R€
Modificat	tion of Existing Bridge									 		
S28S1200	-	-11	0%	123 03-Aug-13	31-Dec-13				1	1	on of Lam Kai	m Rd. Flyo
S28S1240	Diversion for modification kerb and road reconstruction (N/B)	-11	0%	43 03-Aug-13	24-Sep-13		Diversion for	nodification I	erb and road	reconstructio	on (N/B)	
S28S1250	Removal central barrier and road construction	-11	0%	40 24-Sep-13	12-Nov-13			Rem	oval central ba	rier and roa	d constructio	ก่
S28S1260	Diversion for modification kerb and road reconstruction (S/B)	-11	0%	40 12-Nov-13	31-Dec-13				1	Diversion	for modification	on kerb and
Road Con	nstruction and Road Resufacing									1		
S28S4960	Road Construction and Resurfacing S/B for SA28	-6	0%	60 01-Nov-13	13-Jan-14				;	Roa	d Constructio	n and Resi
Site Area	SA29									1 1 1		
PHSA2920	Possession of SA29 (Day270)		100%	0 27-Jul-10 A								

		37		·						
Activit	y ID	Activity Name	Total Float	Activity % Complete	Original Duration	Start	Finish		2013 Q3	
								41 42	43 44	45
	SA290000	Site Area SA29 Works Period (incl. VO002 & VO0011: Fencing details alo	164	81.8%		27-Jul-10 A	14-Jan-14			
	SA290010	Site Area SA29 Works Completion	164	0%	0		14-Jan-14			
	SA290020	Temporary Traffic Arrangement (Detail shall refer to supplementary inform	132	81.52%		27-Jul-10 A	14-Jan-14			
	SA290030	Overall Utilities Diversion (Detail shall refer to supplementary information)	132	81.52%	764	27-Jul-10 A	14-Jan-14			
	North Bour									
	Preliminarie	25								
	S29N0000	Site Clearance/Access Rd		100%	60	26-Jan-11 A	09-Apr-11 A			
	Roadworks,	, Drainage & Utilities								
	S29N4010	Roadworks, Realignment of Tai Wo Service Rd. West (NB42)		100%	58	13-Apr-12 A	21-Jan-13 A	t (NB42)		
	S29N4020	Roadworks, Realignment of Tai Wo Service Rd. West (exclude NB42)		100%	38	15-Jan-13 A	28-Mar-13 A	t of Tai Wo Service Rd. We	st (exclude NB42)	
	S29N4100	Gravity Sewer Line (4 sections) (incl. VO 8 & VO 35: Revised layout of Sou		100%	111	03-Jan-11 A	15-Dec-12 A	Southern Trunk Sewer & M	anhole Schedule)	
	S29N4110	Gravity Sewer Line - Stage 1 (STS10.30-80)		100%	60	03-Jan-11 A	31-Mar-12 A			
	S29N4120	Gravity Sewer Line - Stage 2 (STS10.10-30)		100%	60	01-Apr-11 A	30-Jul-11 A			
	S29N4130	Gravity Sewer Line - Stage 2 (STS10.80-105)		100%	63	28-May-11 A	15-Dec-12 A			
	Noise Barrie	ers & Road Barriers								
	Noise Barrie	er NB42 on Mini-Piles (AD)								
	S29N2000	WSD/DSD/HKCG/PCCW/HGC/CATV/NWT/HKBN/TGT/CLP Diversion		100%	72	11-Apr-11 A	11-Jul-11 A			
	S29N2020	Footing for NB42 (Bay1 - Bay9) (incl. VO 7: Construction of modified noise		100%	110	06-Dec-10 A	05-Jul-11 A			
	S29N2030	Footing for NB42 (Bay1 - Bay5)		100%	60	06-Dec-10 A	05-Jul-11 A			
	S29N2040	Footing for NB42 (Bay6 - Bay9)		100%	50	06-Dec-10 A	05-Jul-11 A			
	S29N3000	Construct Noise Barrier & Beam Barrier (incl. VO 23. Provision of Drainage		100%	60	26-Sep-11 A	01-Aug-12 A			
	Landscapin	a		<u> </u>						
		Landscaping Works (Near NB43)	-6	0%	50	13-Nov-13	14-Jan-14			
	Site Area S	A32								
	PHSA3210	Possession of SA32 (Day365)		100%	0	25-Feb-11 A				
	SA320000	Site Area SA32 Works Period		100%	-	26-Feb-11 A	17-Nov-11 A			<mark> </mark>
	SA320010	Site Area SA32 Works Completion	-10	0%	0		16-Jan-14			
	General				-					
	S32G0000	Site Clearance/TTM		100%	72	26-Mar-11 A	25-Jun-11 A			
	S32G4005	Application XP for Construct Roadside Fully Variable Message Sign	-9	60%		11-Mar-13 A	22-Aug-13		Amplication X	P for Construct F
	S32G4005	Construct Roadside Fully Variable Message Sign (RFVMS3)(include duct, f		0%		23-Aug-13	23-Oct-13			
	S32G4015	Construct Roadside Fully Variable Message Sign (RFVMSS)(include duct, f		0%		23-Aug-13	23-Oct-13			
	S32G4025	Construct Roadside Fully Variable Message Sign (RFVMS2)(include duct, f						_		
	S32G4035			0%		24-Oct-13 10-Dec-13	09-Dec-13 16-Jan-14			
		Construct Roadside Fully Variable Message Sign (TP04)(include duct, footi	-9	0%						
	S32G4060	VO 13: Relocation of existing Directional Signs in the Vicinity of Lam Kam		100%	10	27-Apr-11 A	11-Sep-12 A			
		on of New Lam Kam Road								
	Substructu	ire and Pier Construction								
	South Ram	p								
	S28N1213	Temporary Work for Excavation		100%	15	27-Jul-12 A	13-Aug-12 A			
	S28N1214	Excavation		100%	20	23-Jul-12 A	08-Aug-12 A			
	S28N1215	Construction of South Ramp (incl. VO72: revised North & South Ramps Re		100%	145	23-Jul-12 A	26-Jan-13 A	orth & South Ramps Retain	ing Wall)	
	S28N1216	Base Slab		100%	60	23-Jul-12 A	19-Oct-12 A			
	S28N1217	Wing Wall		100%	75	24-Sep-12 A	31-Dec-12 A			
	S28N1227	Backfilling to South Ramp		100%	40	28-Dec-12 A	25-Jan-13 A			
	Pier NLKP1									
	S28N1200	Gas Main Diversion		100%	45	28-Dec-11 A	28-Jan-12 A			
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ctivity ID	Activity Name	Total A	Activity % Complete	Original Start Duration	Finish	2013									2014		
							41	42	Q3 43	44	45	Q4 46	47	48	Q1 49	50	
S28N1234	Cap and Pier (incl. VO29: revised piling details)		100%	70 03-Oct-12 A	26-Nov-12 A		••										
S28N1236	Pile Cap		100%	25 03-Oct-12 A	11-Oct-12 A											;	
S28N1238	Pier		100%	45 15-Oct-12 A	26-Nov-12 A					1 1 1	1 1 1	1					
South Abu	utment			/	/				·!	- L	L	1	±	 		,	
S28N1220	Gas Main Diversion		100%	24 28-Dec-11 A	30-Jan-12 A						1	1	1			1	
S28N1230	Piling Work (24shp)		100%	60 15-Feb-12 A	28-Jul-12 A											1	
S28N1240	Cap and Abutment (incl. VO29: revised piling details)		100%	115 15-Oct-12 A	25-Jan-13 A	\$)											
S28N1250	Pile Cap		100%	40 15-Oct-12 A	10-Nov-12 A											i	
S28N1260	Abutment		100%	50 12-Nov-12 A	15-Dec-12 A				·!	- L	L	1	±	 			
S28N1270	Backfilling to South Abutment		100%	40 28-Dec-12 A	25-Jan-13 A												
Pier NLKP	22				I						1 1 1 1	1 1 1	1 1 1			L	
S28N1254	Piling Work (28shp)		100%	57 20-Sep-10 A	11-Nov-10 A								1			1	
S28N1259	Pile Cap Construction (incl. VO29: revised piling details)		100%	46 06-Dec-10 A	10-Feb-11 A								1		1		
S28N1261	Pier Construction		100%	36 11-Feb-11 A	18-Jul-11 A					- -							
Pier NLKP	23																
S28N1271	Pre-drilling for Piles		100%	11 11-Sep-10 A	24-Sep-10 A												
S28N1272			100%	21 12-Sep-10 A	15-Oct-10 A								1			,	
S28N1273	Piling Work (24shp)		100%	68 20-Sep-10 A	16-Nov-10 A					1 1 1	1 1 1	1					
S28N1274	Temporary Shoring System		100%	31 17-Nov-10 A	03-Dec-10 A				·	 	 	 	: 	 	 		
S28N1275	Excavation to Formation Level		100%	10 06-Dec-10 A	18-Dec-10 A											J	
S28N1276	Pile Head Trimming and bearing plate		100%	11 20-Dec-10 A	24-Dec-10 A	_					 					I.	
S28N1277	Pile Cap Construction (incl. VO29: revised piling details)		100%	24 20-Dec-10 A	05-Jan-11 A						1 1 1 1	1 1 1	1 1 1			i.	
S28N1278	Backfilling		100%	30 26-Feb-11 A	01-Apr-11 A	_							1		1		
S28N1279			100%	61 02-Apr-11 A	11-Jun-11 A					 - 			¦ 				
Pier NLKP			100 /8		THOUTHTA												
S28N1281	Gas main Diversion		100%	120 13-May-10 A	31-Jul-10 A								1		1		
S28N1281	Pre-drilling for Piles				14-Aug-10 A						1 1 1	1	1				
S28N1283	Confirmation of Founding Level		100%	9 01-Aug-10 A 22 16-Aug-10 A	31-Aug-10 A											1	
									·¦	 	 	 	 	 	 		
S28N1284	Piling Work (16shp)		100%	63 01-Sep-10 A	30-Sep-10 A						1 1 1	1	1			1	
S28N1285	Temporary Shoring System		100%	44 20-Oct-10 A	23-Oct-10 A	_											
S28N1286	Excavation to Formation Level		100%	7 25-Oct-10 A	28-Oct-10 A												
S28N1287	Pile Head Trimming and bearing plate		100%	14 29-Oct-10 A	06-Nov-10 A												
S28N1288	Pile Cap Construction (incl. VO29: revised piling details)		100%	21 08-Nov-10 A	19-Nov-10 A				; ; ; ; ;								
S28N1289	Backfilling		100%	30 20-Dec-10 A	11-Jan-11 A											ı	
S28N1290	Pier Construction		100%	71 02-Feb-11 A	26-Mar-11 A											J	
Pier NLKP																1	
S28N1301	Gas main Diversion		100%	120 13-May-10 A	31-Aug-10 A												
S28N1302	Pre-drilling for Piles		100%	7 01-Sep-10 A	11-Sep-10 A									 			
S28N1303	Confirmation of Founding Level		100%	14 13-Sep-10 A	25-Sep-10 A												
S28N1304	Piling Work (16shp) (incl. VO001: Revised Layout of Piles at New Lam Ka		100%	62 26-Sep-10 A	19-Oct-10 A						I I						
S28N1305	Temporary Shoring System		100%	44 20-Oct-10 A	05-Nov-10 A						1 1 1						
S28N1306	Excavation to Formation Level		100%	7 08-Nov-10 A	12-Nov-10 A												
S28N1307	Pile Head Trimming and bearing plate		100%	14 15-Nov-10 A	27-Nov-10 A				1 1 1	1 1 1 - L	 	: : : :	: : : !	 		L	
S28N1308	Pile Cap Construction (incl. VO29: revised piling details)		100%	21 29-Nov-10 A	11-Dec-10 A												
S28N1309	Backfilling		100%	30 13-Dec-10 A	18-Dec-10 A											1	
S28N1310	Pier Construction		100%	74 28-Dec-10 A	28-Mar-11 A												
Pier NLKP																	
S28N1321	Gas main Diversion		100%	150 13-May-10 A	10-Nov-10 A												

ctivity ID	Activity Name	Total Acti	ivity %	Original Start Duration	Finish	2013								2014		
Savity D			mplete			Q3 Q4							Q1			
S28N1322	Pre-drilling for Piles		100%	14 21-Jul-10 A	23-Feb-11 A	41	42	43	44	45	46	47	48	49 50		
S28N1323	Confirmation of Founding Level		100%	14 21-Jul-10 A	25-Feb-11 A					 		1 1 1				
S28N1324	Piling Work (23shp)		100%	75 28-Feb-11 A	28-Mar-11 A	—				1 1 1 1						
S28N1325	Temporary Shoring System		100%	44 26-May-11 A	18-Jul-11 A	—	1			1 1 1						
S28N1326	Excavation to Formation Level		100%	7 05-May-11 A	23-Jun-11 A	—										
S28N1327	Pile Head Trimming and bearing plate		100%	14 29-Jun-11 A	05-Jul-11 A											
S28N1328	Pile Cap Construction (incl. VO29: revised piling details)		100%	23 28-Jul-11 A	24-Aug-11 A	—				, 1 1 1						
S28N1329	Backfilling		100%	28 26-Sep-11 A	29-Oct-11 A	—				 		1 1 1		1		
S28N1330	Pier Construction		100%	71 28-Sep-11 A	12-Nov-11 A	—				1 1 1 1						
Pier NLKP							1			1 1 1 1						
S28N1341	Realignment of Existing slip road		100%	45 19-May-10 A	13-Jul-10 A				 	 		 				
S28N1342	Existing Water main Diversion		100%	45 14-Jul-10 A	03-Sep-10 A	_										
S28N1343	Pre-drilling for Piles		100%	7 04-Sep-10 A	18-Sep-10 A	-				, 1 1 1				1		
S28N1344	Confirmation of Founding Level		100%	14 13-Sep-10 A	25-Sep-10 A					1 1 1		1				
S28N1345	Piling Work (16shp)		100%	62 26-Jan-11 A	28-Feb-11 A					1 1 1		1 1 1				
S28N1346	Temporary Shoring System		100%	44 08-Mar-11 A	16-Apr-11 A					 	·	 				
S28N1347	Excavation to Formation Level		100%	7 08-Mar-11 A	16-Apr-11 A	_	1			1 1 1 1			1 1 1 1 1 1			
S28N1348	Pile Head Trimming and bearing plate		100%	14 27-Apr-11 A	17-May-11 A	_										
S28N1349	Pile Cap Construction (incl. VO29: revised piling details)		100%	21 19-May-11 A	31-May-11 A	_										
S28N1350	Backfilling		100%	30 26-Sep-11 A	01-Nov-11 A	_										
S28N1351	Pier Construction		100%	72 03-Oct-11 A	24-Dec-11 A					, , , , ,				·		
			100%	72 03-001-11 A	24-Dec-TTA											
			100%	45 10 May 10 A	10 10 10 4	_				1 1 1				1		
S28N1361	Realignment of Existing slip road		100%	45 19-May-10 A	13-Jul-10 A	_				1 1 1						
S28N1363	Existing Water main Diversion		100%	45 14-Jul-10 A	03-Sep-10 A	_	1			1 1 1 1						
S28N1364	Pre-drilling for Piles		100%	18 04-Sep-10 A	25-Sep-10 A					 		 				
S28N1365	Confirmation of Founding Level		100%	14 27-Sep-10 A	13-Oct-10 A	_										
S28N1366	Piling Work (24shp)		100%	75 14-Jan-11 A	05-Feb-11 A	_				, 1 1 1				1		
S28N1367	Temporary Shoring System		100%	44 26-Apr-11 A	25-May-11 A				 	 		1 1 1		1		
S28N1368	Excavation to Formation Level		100%	30 26-Sep-11 A	22-Oct-11 A					 						
S28N1369	Pile Head Trimming and bearing plate		100%	7 15-Oct-11 A	22-Oct-11 A		; 			, , ,		1 1 1 1 1	 	·		
S28N1370	Pile Cap Construction (incl. VO29: revised piling details)		100%	24 26-Oct-11 A	02-Nov-11 A	_										
S28N1371	Backfilling		100%	24 26-Nov-11 A	23-Dec-11 A	_										
S28N1372	Pier Construction		100%	72 21-Dec-11 A	31-Jan-12 A											
			1000							1 1 1		1 1 1				
S28N1381	Realignment of Existing slip road		100%	45 19-May-10 A	13-Jul-10 A						1 1 1 	¦ 				
S28N1382 S28N1383	Existing Water main Diversion Pre-drilling for Piles		100% 100%	45 14-Jul-10 A 14 04-Sep-10 A	03-Sep-10 A 20-Sep-10 A	_				1 1 1 1						
S28N1384	Confirmation of Founding Level		100%	14 21-Sep-10 A	08-Oct-10 A	_	1									
S28N1385	COD: Drainage (ADN 72, 86, 121, 145, 225), Fire Services Mains (DAN 20		100%	75 21-Sep-10 A	21-Oct-11 A	_										
S28N1386	Piling Work (24shp)		100%	75 22-Oct-11 A	19-Dec-11 A	_	1			1 1						
S28N1387	Temporary Shoring System		100%	30 01-Feb-12 A	19-Apr-12 A					 	1 1 1					
S28N1388	Excavation to Formation Level		100%	36 19-Apr-12 A	26-Jun-12 A					 						
S28N1389	Pile Head Trimming and bearing plate		100%	12 27-Jun-12 A	11-Jul-12 A					 						
S28N1399	Pile Cap Construction (incl. VO29: revised piling details)		100%	12 12-Jul-12 A	01-Aug-12 A											
S28N1390	Backfilling		100%	12 28-Jul-12 A	14-Sep-12 A					1 1 1 1						
S28N1391 S28N1392	Pier Construction		100%	40 15-Sep-12 A	18-Oct-12 A							; 				
			100 /6	+0 10-0ep-12 A	10-00E12 A					1 1 1		1				
			1000/	75 00 00+ 11 4	07 los 10 4					1 1 1						
S28N1401	132 kv Cable Diversion		100%	75 26-Oct-11 A	27-Jan-12 A			1	1	 	-					

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Activit	y ID	Activity Name	Total	Activity %	Original Start	Finish		i.			20	13							014	
			Float	Complete	Duration		41	42		Q3 43		44	45		Q4 46	47	4	8	Q1 49	50
	S28N1402	Existing Water main Diversion		100%	50 23-Apr-12 A	16-Aug-12 A		1										F	1	
	S28N1405	Piling Work (17shp)		100%	60 23-Jul-12 A	19-Sep-12 A														
	S28N1409	Pile Cap construction (incl. VO29: revised piling details)		100%	25 03-Oct-12 A	01-Dec-12 A													1	
	S28N1411	Pier Construction		100%	25 11-Dec-12 A	29-Dec-12 A														
	North Abut	ment																		
	S28N1422	Existing Water Main Utilities Diversion		100%	30 09-Jul-12 A	30-Aug-12 A						1							1	
	S28N1426	Piling Work (24shp)		100%	60 20-Sep-12 A	12-Nov-12 A		1 1 1				 							1	
	S28N1428	Pile Cap Construction (incl. VO29: revised piling details)		100%	30 26-Nov-12 A	02-Jan-13 A		 ! !						+						
	S28N1430	Abutment		100%	30 05-Jan-13 A	24-Jan-13 A														
	S28N1580	Backfilling		100%	20 20-May-13 A	31-May-13 A	Backfilling													
	North Ramp)																		
	S28N1434	COD: RFI 399 HP Gas Main Clashing with abutment (incl. trail pit excavation)		100%	50 19-Sep-12 A	31-Dec-12 A	pit e xca vation)	1 1 1				1							1	
	S28N1435	Construction of North Ramp (incl. VO72: revised North & South Ramps Ret		100%	148 06-Nov-12 A	08-May-13 A	uction of North	Ramp (ir	1 c . VO7	2: revise	d North	& South	n Ramps I	Retaining	g Wall)					
	S28N1436	Temporary Work for Excavation		100%	24 06-Nov-12 A	26-Jan-13 A													1	
	S28N1437	Excavation		100%	22 22-Nov-12 A	06-Feb-13 A														
	S28N1438	Base Slab		100%	14 31-Dec-12 A	05-Mar-13 A													1	
	S28N1439	Wing Wall		100%	48 01-Feb-13 A	08-May-13 A	Wall	1 1 1				1							1	
	S28N1449	Backfilling		100%	20 06-May-13 A	07-Jun-13 A	Backfilli	ήg						+						
	Decking a	nd Finishing																	1	
	S28N1440	Decking (Bearing, Drainage & MJ included) (incl. VO 40: NLK - Revised Dr		100%	559 27-Jun-11 A	14-May-13 A	king (Bearing,	brainage	& MJ in	cluded) ((incl. VC	O 40: NL	K - Revise	ed Drain	age Arra	ngement fo	or Bridge [Deck)		
	S28N1450	NLK Deck; P4 - P5		100%	75 27-Jun-11 A	23-Sep-11 A														
	S28N1460	NLK Deck; P3 - P4		100%	75 26-Oct-11 A	27-Jan-12 A						1								
	S28N1470	NLK Deck; P2 - P3		100%	72 11-May-12 A	16-Aug-12 A		J				L 					·	 		
	S28N1475	Falsework erection of deck: P1 - P2		100%	50 29-Sep-12 A	21-Dec-12 A						1						1		
	S28N1480	NLK Deck; P1 - P2		100%	62 06-Nov-12 A	30-Jan-13 A														
	S28N1484	Falsework dismantling of deck: P1 - P2		100%	18 21-Mar-13 A	30-Apr-13 A	dismantling of	deck: P1	- P2											
	S28N1485	Falsework erection of deck: South Abutment - P1		100%	25 10-Dec-12 A	30-Jan-13 A						1							1	
	S28N1490	NLK Deck; South Abutment - P1		100%	60 03-Jan-13 A	18-Mar-13 A	Pi1	J				L 					·	 		
	S28N1495	Falsework dismantling of deck: South Abutment - P1		100%	18 15-Apr-13 A	11-May-13 A	work dismantli	ng of dec	k: South	Abutme	ent - P1									
	S28N1500	NLK Deck; P5 - P6		100%	75 26-Nov-11 A	04-Jun-12 A													1	
	S28N1510	NLK Deck; P6 - P7		100%	75 16-Jun-12 A	06-Oct-12 A														
	S28N1520	NLK Deck; P7 - P8		100%	75 03-Sep-12 A	22-Dec-12 A						1							1	
	S28N1524	Falsework dismantling of deck: P7 - P8		100%	26 07-Jan-13 A	01-Feb-13 A		J 			L	L 					· l	 	k 	
	S28N1525	Falsework erection of deck: P8 - P9		100%	18 29-Oct-12 A	29-Jan-13 A						1							1	
	S28N1530	NLK Deck; P8 - P9	_	100%	75 20-Dec-12 A	29-Mar-13 A														
	S28N1534	Falsework dismantling of deck: P8 - P9		100%	26 23-Apr-13 A	20-Jul-13 A	i 	1	Falsev	vork dism	nantling	of deck	: P8 - P9							
	S28N1535	Falsework erection of deck: P9 - P10		100%	34 10-Dec-12 A	23-Jan-13 A		1 1 1			1									
	S28N1540	NLK Deck; P9 - P10		100%	65 18-Jan-13 A	25-Apr-13 A	P9- P10	 				L 					·	 		
	S28N1544	Falsework dismantling of deck: P9 - P10	-6	10%	18 20-May-13 A	14-Aug-13				Fals	sework	dismant	ing of dec	k: P9 - F	P10				1	
	S28N1545	Falsework erection of deck: P10 - North Abutment		100%	18 17-Jan-13 A	21-Feb-13 A	Abutment													
	S28N1550	NLK Deck; P10 - North Abutment		100%	55 21-Feb-13 A	14-May-13 A	(Deck; P10 - N	brth Abu	tment		1								1	
	S28N1554	Falsework dismantling of deck: P10 - North Abutment		100%	18 20-May-13 A	08-Jun-13 A	Falsewo	ork disma	nt <mark>ing</mark> of	deck: P1	10 - Noi	rth Abutr	ment					1 		
	S28N1570	Parapet (P3 - P6)	_	100%	45 03-Dec-12 A	18-Apr-13 A	°6)	J				L 					·	 		
	S28N1660	Parapet (SA - P3 & P6 - NA)		100%	65 28-Feb-13 A	26-Jun-13 A		Parapet	(SA - P3	& P6 - N	NA)	1							1	
	S28N1680	Noise Barriers, Surfacing and Road Lighting	-11	85%	30 10-May-13 A	31-Jul-13			N	oise Bar	rriers, S	urfacing	and Road	d Lig htin	g					
	S28N1690	Inspection Handover of NLK Bridge	-11	0%	3 31-Jul-13	03-Aug-13			ļ	Inspectio	onHand	dover of	NLK Bridg	ge					1	
	S28N1700	TTA Stage 9	-11	0%	0 03-Aug-13			1 1 1	♦	TTA Stag	ge 9								1	
	S28N1710	Diversion for modifying kerb and laying asphalt paving road (N/B) reconstr	-11	0%	43 03-Aug-13	24-Sep-13		 				¢	Diversion f	or modif	fying kerk	and laying	g aşphalt p	paving road	d (N/B) re	constructio
								1			1			I				i	i	

		41					
Act	ivity ID	Activity Name	Total	Activity %	Original Start	Finish	2013 2014
			Float	Complete	Duration		Q3 Q4 Q1 41 42 43 44 45 46 47 48 49 50
	S28N1715	Road Construction Works (N/B) C2/C3 interface	-11	0%	43 03-Aug-13	24-Sep-13	Road Construction Works (N/B) C2/C3 interface
	S28N1720	Diversion for removing central barriers Stage 2	-11	0%	40 24-Sep-13	12-Nov-13	Diversion for removing central barriers Stage 2
	S28N1730	Diversion for modifying kerb and laying asphalt paving road (S/B) reconstru	-11	0%	40 12-Nov-13	31-Dec-13	Diversion for modifying kerb and
	S28N1735	Road Construction Works (S/B) C2/C3 interface	-11	0%	40 12-Nov-13	31-Dec-13	Road Construction Works (S/B)
	Ready For	Pre-Handover Retaining Wall of Section 4		<u> </u>			
	HRW0040	Ready For Pre-Handover Retaining Wall W72B, W73 and W74	-2	0%	7 31-Dec-13	08-Jan-14	Ready For Pre-Handover Re
	Section 5			<u> </u>			
	Site Area S	N01					
	PHSA3120	Possession of SA31 (Day0)		100%	0 26-Feb-10 A		
	SA310000	Site Area SA31 Works Period (incl. VO42, VO52, VO59 & VO65)	330	99.32%	884 26-Feb-10 A	31-Jul-13	Site Area SA31 Works Period (incl. VO42, VO52, VO59 & VO65)
	SA310010	Site Area SA31 Works Completion	330	0%	0	31-Jul-13	Site Area SA31 Works Completion
	South Bou						
	Preliminarie		1	1000			
		Site Clearance/TTM/Access Rd/Utility Diversion (Incl. Liason and Coordina		100%	252 26-Feb-10 A	31-Dec-10 A	
		, Drainage & Utilities					
	Portion 1		1			[
	S31S4620	Portion 1 - CH 0 to CH 50 (From Hong Lok Yuen Junction to WSD Gate)		100%	146 20-Jun-11 A	16-Mar-13 A	pm Hong Lok Yuen Junction to WSD Gate)
	S31S4630	Site Clearance		100%	7 20-Jun-11 A	27-Jun-11 A	
	S31S4640	Excavation road formation level		100%	50 28-Jun-11 A	25-Aug-11 A	
	S31S4648	Unchartted Towngas / CLP		100%	65 16-Jan-12 A	10-Aug-12 A	
	S31S4650	Trial Pit for Towngas DN400 HP		100%	14 16-Jan-12 A	04-Feb-12 A	
	S31S4660	Additional Towngas DN400 HP preparation and materials deliverary		100%	50 06-Feb-12 A	27-Apr-12 A	
	S31S4670	Additional Towngas DN400 HP laying works		100%	12 28-Apr-12 A	26-May-12 A	
	S31S4675	Uncharted CLP 11kV Existing diversion (Ducting & Cabling, Tie - in and un		100%	65 30-Jul-12 A	10-Aug-12 A	
	S31S4678	UU diversion		100%	67 15-Dec-11 A	18-Dec-12 A	
	S31S4679	Excavation for UU diversion		100%	20 15-Dec-11 A	10-Jan-12 A	
	S31S4680	Additional CLP 11kV Existing Diversion (Ducting & Cabling, Tie-in and unc		100%	10 25-Apr-12 A	10-Aug-12 A	
	S31S4690	Additional CLP 132 kV (New Lay)		100%	17 02-Apr-12 A	18-Jun-12 A	
	S31S4700	Additional CLP 132kV (Existing)		100%	22 11-Aug-12 A	16-Aug-12 A	
	S31S4710	Additional UU work (HGC, HKBN, TGT & NWT)		100%	35 06-Aug-12 A	18-Dec-12 A	
	S31S4720	Excavation and DN 600 FW & DN 300 SW		100%	68 28-Jun-11 A	09-Nov-12 A	
	S31S4725	Roadwork	270	0%	0 15-Oct-12 A	29-Jul-13	Roadwork
	S31S4730	Footpath & Kerb	270	90%	30 20-Dec-12 A	29-Jul-13	Footpath & Kerb
	S31S4740	Roadwork		100%	30 15-Oct-12 A	16-Mar-13 A	
	Portion 2						
	S31S4750	Portion 2 - CH 50 to 80 (From WSD Gate to Hong Lok Yuen)	269	96.53%	108 20-Jun-11 A	30-Jul-13	Portion 2 - CH 50 to 80 (From WSD Gate to Hong Lok Yuen)
	S31S4760	Site clearance		100%	7 20-Jun-11 A	27-Jun-11 A	
		UU Diversion		100%	82 28-Mar-12 A	05-Oct-12 A	
		Slopeworks S45A		100%	18 28-Mar-12 A	21-Apr-12 A	
		Additional CLP 132kV (New Lay & clashing with existing)		100%	45 25-Apr-12 A	18-Jun-12 A	
	S31S4780	Additional CLP 11kV New Lay (Ducting & Cabling and Tie-in)		100%	46 19-Jun-12 A	27-Jul-12 A	
	S31S4790	UU works (HKBN & New Lay HGC)		100%	12 27-Aug-12 A	05-Oct-12 A	
		Footpath & kerb and Diversion of footpath	269	75%	15 10-Sep-12 A	30-Jul-13	Footpath & kerb and Diversion of footpath
	S31S4810	Roadwork		100%	21 25-Oct-12 A	25-Feb-13 A	
	Portion 3						
	S31S5000	Portion 3 - New Footpath (CH0 to 175)		100%	165 11-Jun-11 A	15-Jan-13 A	
	S31S5010	Formation level of footpath		100%	45 04-Jan-12 A	28-Feb-12 A	

		42													
Activit	y ID	Activity Name	Total	Activity %	Original Start	Finish				2013				2014	
			Float	Complete	Duration		41	42	Q3 43	44	45	Q4 46 47	48	Q1 49	50
	S31S5020	Preparation for footpath & Cycle Track Diversion		100%	7 11-Jun-11 A	18-Jun-11 A		-							
	S31S5025	Unchartted Towngas DN400 HP		100%	178 29-May-12 A	05-Jan-13 A									ſ
	S31S5030	Additional UU works (CLP 132kV & 11kv)		100%	17 10-Oct-12 A	16-Jan-13 A									
	S31S5035	Roadworks		100%	215 07-Sep-12 A	16-Mar-13 A									I
	S31S5040	Footpath Sub-base, kerb and concrete surface		100%	17 07-Sep-12 A	30-May-13 A	Footpath S	ųb-base, ke	rb and concrete	surface					ſ
	S31S5050	CLP Overhead wooden Pole		100%	12 26-Dec-12 A	07-Jan-13 A		1							ſ
	S31S5060	New cycle track formation level		100%	15 28-Nov-12 A	06-Apr-13 A	ation level								
	S31S5070	New cycle track (Bitonminous Layer)		100%	10 29-Jan-13 A	25-Apr-13 A	ack (Bitonmino	ous Layer)							
	S31S5080	New Kerb		100%	7 07-Jan-13 A	23-Apr-13 A									
	S31S5090	Public Lighting & TCSS Ductings (incl. VO 77 Provision of cable duct for po		100%	7 06-Oct-12 A	23-Apr-13 A	ng & TCSS Duc	tings (incl.	VO 77 Provisior	n of cable duc	t for power supply)				
	S31S5100	New public lightings poles		100%	15 17-Apr-13 A	20-Apr-13 A	ntings poles								
	S31S5110	Reconstruction carriage way		100%	7 05-Mar-13 A	20-Apr-13 A	ı carriageway	; ; ;						, , , , , , , , , , , , , , , , , , ,	
	S31S5120	Traffic Lights	268	0%	5 26-Jul-13	31-Jul-13			Traffic Lig	nts					
	S31S5130	Roadworks (Other area not affected by towngas)		100%	60 21-May-12 A	16-Mar-13 A	fected by town	gas)							
	S31S5132	Roadworks (Remaining area affected by towngas)		100%	19 26-Dec-12 A	15-Jan-13 A									
		, Drainage & Utilities													
	S31S4820	Eastbound Roadworks		100%	50 07-Jan-13 A	08-Apr-13 A	rks	i 	; ; ; ;						
	S31S4830	Westbound Roadworks		100%	50 17-Jan-13 A	20-Apr-13 A	adworks								
9	Section 7														
	Site Area S	SA41													
	PHSA4110	Possession of SA41 (Day0)		100%	0 26-Feb-10 A									, , , , , , , , , , , , , , , , , , ,	
	SA410000	Site Area SA41 Works Period	-327	58.07%	1581 26-Feb-10 A	19-May-15	I	1		1 1	1 1 1 1		1		
	SA410010	Site Area SA41 Works Completion	-327	0%	0	19-May-15								LL	
	Temporary	/ Site Office													
	S41G0000	Site Clearance / TTM		100%	60 26-Feb-10 A	12-May-10 A									
	S41G9000	Construction of ER & Contractor's Office (incl. VO 24: Office Renovation)		100%	60 26-Feb-10 A	12-May-10 A									
	S41G9100	Temp Warehouse, Fabrication & Equip Yard	-330	59.2%	1419 13-May-10 A	24-Feb-15									
	S41G9120	Dismantle of ER & Contractor's Office	-267	0%	68 24-Feb-15	19-May-15									
	Site Area S	SA42 (Core Storage & Works Area)													
	PHSA4210	Possession of SA42 (Day0)		100%	0 26-Feb-10 A										
	SA410040	Site Area SA42 Works Period	0	78.81%	1581 26-Feb-10 A	25-Jun-14		<u>.</u>		-					
	SA420010	Site Area SA42 Works Completion	0	0%	0	25-Jun-14*								 	
	Site Area S	SA43													
	PHSA4310	Possession of SA43 (Day90)		100%	0 04-May-10 A						1 I 1 I 1 I 1 I 1 I				
	SA410020	Site Area SA43 Works Period	-328	55.57%	1492 04-May-10 A	19-May-15		1	1	1 1 1	1 1 1 1	1	1	1 I 1 I 1 I	
	SA410030	Site Area SA43 Works Completion	-328	0%	0	19-May-15*									
	Mulching I	Production Area		· · · · · ·	· · · · · · · · · · · · · · · · · · ·	, 									
	S41G010	Site Clearance		100%	59 27-May-10 A	05-Aug-10 A									
	S41G020	Site Clearance (Mulching Office Area)		100%	45 27-May-10 A	20-Jul-10 A									
	S41G030	Site Clearance (Wood Storage Area)		100%	45 12-Jun-10 A	05-Aug-10 A									
	S41G040	Construction of Mulching Production Yard		100%	60 06-Aug-10 A	18-Oct-10 A									
	S41G050	Temp Warehouse, Fabrication & Equip Yard (Site allcated for period till 8	336	100%	1260 13-Sep-10 A	26-Jul-13			Temp Wareh	ouse, Fabrica	ition & Equip Yard (Site allcated for perio	d till 8 May 201	2) : Expected	l productio
	S41G060	Mulching Production Phase 1 (45m3)	-	100%	63 13-Sep-10 A	09-Oct-10 A									
	S41G070	Mulching Production Phase 2 (45m3) (incl. VO16, VO 18)		100%	63 21-Dec-10 A	21-Feb-11 A									
	S41G080	Mulching Production Phase 3 (45m3)		100%	63 20-Feb-11 A	24-Apr-11 A									
	S41G090	Mulching Production Phase 4 (45m3)		100%	63 24-Apr-11 A	26-Jun-11 A									
	S41G100	Mulching Production Phase 5 (45m3)		100%	63 27-Jun-11 A	28-Aug-11 A									
		!				J	L	-	•				;		

	43														
tivity ID	Activity Name	Total	Activity %	Original Start	Finish				2013		-04			2014	
		Float	Complete	Duration		41	42	Q3 43	44	45	Q4 46	47	48	Q1 49	-
S41G110	Mulching Production Phase 6 (45m3)		100%	63 29-Aug-11 A	30-Oct-11 A										_
S41G120	Mulching Production Phase 7 (45m3)		100%	63 31-Oct-11 A	01-Jan-12 A										
S41G130	Mulching Production Phase 8 (45m3)		100%	63 02-Jan-12 A	31-Mar-12 A										
S41G140	Mulching Production Phase 9 (45m3)		100%	63 02-Apr-12 A	31-Dec-12 A										
S41G260	Dismantle of Mulching Production Yard	-268	0%	68 24-Feb-15	19-May-15										
S41G270	Dismantle of Mulching Production Yard : Removing Mulching Office	-268	0%	48 24-Feb-15	24-Apr-15						T				
S41G280	Dismantle of Mulching Production Yard : Removing Security Fence and Se	-268	0%	20 24-Apr-15	19-May-15										
Section 8															
Establish	ment Works														
S21G8000	SA21 Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14										
Section 9								·							
	mant Marks														
	ment Works	00	0.01												_
S22G8000	SA22 Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14										
S23G8000	SA23 Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14					i 1	1	· · · · · · · · · · · · · · · · · · ·			
S24G8000	SA24 Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14				.		+	· · · · · · · · · · · · · · · · · · ·			
S25G8000	SA25 Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14							I I			_
S26G8000	SA26 Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14										1
Section 10															
Establish	ment Works														
S26AG800	SA26A Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14						1	1 1 1 1		1	
S27G8000	SA27 Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14			·!			+	· · · · · · · · · · · · · · · · · · ·			
Section 11															
Establish	ment Works														
S28G8000	SA28 Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14				1	1	1	: :		1	
S29G8000	SA29 Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14										
Section 12															
	ment Works	00	00/												
S30AG800	SA30A Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14			1			1				_
S30G8000	SA30 Establishment Works	-29	0%	365 26-Jul-13	25-Jul-14			1	1	1	1	· · ·			_
Section 13								 			· · ·	· · · · · · · · · · · · · · · · · · ·			
Establish	ment Works														
S30AG810	Remainder of Establishment Works (Exclude Section 8 to 12)	-29	0%	365 26-Jul-13	25-Jul-14										
Section 14	L														
Route Net	twork Maintenance (Subject to the the Engineer's Ins	struc	tion)												
S21G7000	Tentative Start Date for SA21 Route Maintenance Works		100%	0 17-Sep-10 A											
S22G7000	Tentative Start Date for SA22 Route Maintenance Works		100%	0 26-Feb-10 A								 		 	
S23G7000	Tentative Start Date for SA23 Route Maintenance Works		100%	0 25-Aug-10 A											
S24G7000	Tentative Start Date for SA24 Route Maintenance Works		100%	0 25-Aug-10 A											
S25G7000	Tentative Start Date for SA25 Route Maintenance Works		100%	0 20-Oct-10 A											
S26AG700	Tentative Start Date for SA26A Route Maintenance Works		100%	0 26-Feb-10 A											
S26G7000	Tentative Start Date for SA26 Route Maintenance Works		100%	0 26-Feb-10 A				·				 			
S27G7000	Tentative Start Date for SA27 Route Maintenance Works		100%	0 27-May-10 A											
S28G7000	Tentative Start Date for SA28 Route Maintenance Works		100%	0 26-Feb-10 A											
S29G7000	Tentative Start Date for SA29 Route Maintenance Works		100%	0 20-Oct-10 A											
S30AG700	Tentative Start Date for SA30A Route Maintenance Works		100%	0 25-Aug-10 A		—									
S30G7000	Tentative Start Date for SA30 Route Maintenance Works		100%	0 26-Feb-10 A											
0000/000			100 /0	0 20-1 60-10 A						1	1			1	_

	44												
Activity ID	Activity Name	Total	Activity %	Original Start	Finish			2013 Q3		04		2014 Q1	
		Float	Complete	Duration		41	42	43 44	45	Q4 46 47	48	49	50
S31G7000	Tentative Start Date for SA31 Route Maintenance Works		100%	0 26-Feb-10 A			1		1			1	
Section 17	(Subject to Excision and Instruct by Engineer with	nin 819	days)				1 1 1 1						1
General													8
SC150025	Validity Period	327	99%	819 25-Feb-10 A	03-Aug-13		1	Validity Period					1 8 8
SC150030	Latest Date for the Engineer to Issue EI	327	0%	0	03-Aug-13			Latest Date for the Engine	er to Issue EI				
Site Area S	SA28 & SA30											1	-
PHSA2840	Possession of SA28 & SA30		100%	0 26-Feb-10 A									1 1 1
SA280005	Site Area SA28 Works Period	318	0%	0 24-May-12 A	12-Aug-13			Site Area SA28 Works	s Period				
SA280020	Site Area SA28 & SA30 Works Completion	318	0%	0	12-Aug-13		8	Site Area SA28 & SA3	30 Works Comp	letion			1
All Area					- 3 -		 					 	
Preliminario							1 1 1						1
S28N1000	Site Clearance/TTM/Access Rd/Utility Diversion	265	99%	45 24-May-12 A	03-Aug-13		1	Site Clearance/TTM/Acces	ss Rd/I Itility, Dive	ersion			1 1 1
		200	0070	40 24 May 12 /	00 / 10								1 1 1
Site Area S	Possession of SA30A		1000/	0 27-Jul-10 A			1						1
SA30A005	Site Area SA30A Works Period	318	100% 88.52%	155 23-May-12 A	12-Aug-13		 	Site Area SA30A Work	ke Daried				:
				,			1		1				1
SA30A020	Site Area SA30A Works Completion	318	0%	0	12-Aug-13		1 1 1	Site Area SA30A Work	ks Completion				1
North Bou							1					1	1
Preliminario													1
	Site Clearance/TTM/Access Rd/Utility Diversion		100%	75 14-May-12 A	23-May-12 A								,
	, Drainage & Utilities	1	1 1				- - 						1 8 8
S30AN415	Section 17 subject to Excision Works Instruction date (Trunk Sewer Line)	-23	93.96%	245 23-May-12 A	12-Aug-13		1	Section 17 subject to E	Excision Works	Instruction date (Tru	unk SewerLine)		1
S30AN420	Issung of latest design drawing		100%	75 24-May-12 A	05-Sep-12 A		1 1 1						1 8 8
S30AN430	Procurement & delivery of Trunk Sewer pipe (Stage 1)		100%	75 06-Sep-12 A	17-Sep-12 A								1
S30AN440	Design clarification period	-10	98%	60 06-Sep-12 A	27-Jul-13			Design clarification period				 	
S30AN450	Procurement & delivery of Trunk Sewer pipe (Stage 2)	-10	99%	75 01-Nov-12 A	27-Jul-13		1	Procurement & delivery of Tru	unk Sewer pipe	(Stage 2)		1	1
S30AN460	Underground Utilities cable detection before ELS works		100%	60 17-Aug-12 A	24-Aug-12 A								
S30AN470	Gravity Sewer Line STS10_170 to 160 (22m Long)		100%	90 05-Dec-12 A	06-Feb-13 A	ng)							1
S30AN480	M/H 170 and M/H160 construction (6m depth)		100%	75 05-Dec-12 A	23-Jan-13 A								1
S30AN490	Pipe laying and concrete surround works		100%	60 05-Dec-12 A	07-Jan-13 A		: : : :		 		·	 	: : : :
S30AN500	Backfilling (2 Layers + Temp fill)		100%	30 08-Jan-13 A	06-Feb-13 A		1 1 1						1
S30AN510	Gravity Sewer Line STS10_160 to 150 (40m Long)	-22	84.95%	95 27-Feb-13 A	12-Aug-13			Gravity Sewer Line ST	FS10_160 to 150	(40m Long)			- -
S30AN520	M/H150 construction (5m depth)		100%	40 27-Feb-13 A	16-Mar-13 A	th)							1 1 1
S30AN530	Pipe laying and concrete surround works (Stage 1)		100%	25 18-Mar-13 A	30-Apr-13 A	g and concrete							1
S30AN540	Construction of Temporary Access for Villager		100%	8 30-Apr-13 A	10-May-13 A	truction of Temp							
S30AN550	Pipe Laying and concrete works (Stage 2)	-22	70%	21 13-May-13 A	02-Aug-13		1	Pipe Laying and concrete v					
S30AN560	Backfilling (15 Layers)	-22	0%	8 02-Aug-13	12-Aug-13		1 1 1	Backfilling (15 Layers))				1
S30AN570	Gravity Sewer Line STS10_120 to 130 (41m Long)		100%	120 17-Sep-12 A	03-Jan-13 A		 						1
S30AN580	M/H 120 and M/H130 construction (3.5m & 4m depth)		100%	70 24-Sep-12 A	12-Oct-12 A		1 1 1						1
S30AN585	Pipe Laying & concrete surround works		100%	30 14-Nov-12 A	20-Nov-12 A		 						: : :
S30AN590	Backfilling (15 Layers)		100%	20 21-Nov-12 A	03-Jan-13 A				1				
S30AN600	Gravity Sewer Line STS10_130 to 140 (40m Long)		100%	88 08-Jan-13 A	18-Mar-13 A	30 to 140 (40m	Long)						
S30AN610	M/H 140 construction (4.5m depth)		100%	40 08-Jan-13 A	19-Jan-13 A								
S30AN620	Pipe Laying & concrete Surround works		100%	40 14-Jan-13 A	28-Jan-13 A								1
S30AN630	Backfilling (12 Layers)		100%	25 01-Mar-13 A	18-Mar-13 A								1 1 1
S30AN640	Gravity Sewer Line STS10_140 to 150 (38m Long)		100%	80 28-Feb-13 A	18-May-13 A	ravity Sewer Lin	e STS10_	140 to 150 (38m Long)				 I I	J I I I
S30AN650	Pipe Laying and concrete surround works		100%	50 28-Feb-13 A	18-Mar-13 A	round works	- 						J 1 1
S30AN660	Backfilling (15 Layers)		100%	30 22-Mar-13 A	18-May-13 A	ackfilling (15 La	yers)						1

	45															
Activity ID	Activity Name	Total	Activity %	•		Finish			02	2013		04			2014	
		Float	Complete	Duration			41	42	Q3 43	44	45	Q4 46	47	48	Q1 49	50
S30AN670	Gravity Sewer Line STS10_120 to 110 (33m Long)		100%	205	03-Aug-12 A	17-Nov-12 A										
S30AN680	M/H 110 construction (2.7m depth)		100%	30	03-Aug-12 A	15-Sep-12 A										
S30AN690	Pipe laying and concrete surround works		100%	40	06-Oct-12 A	26-Oct-12 A		· · · · · · · · · · · · · · · · · · ·	·							
S30AN700	Backfilling (9 Layers)		100%	20	01-Nov-12 A	17-Nov-12 A										
S30AN710	Gravity Sewer Line STS10_100 to 105a (56.5m Long)		100%	75	03-Aug-12 A	15-Dec-12 A										
S30AN720	M/ H 100, M/ H 105 and M/ H 105a construction (2.5m depth)		100%	45	03-Aug-12 A	27-Jun-13 A		☐ M/ H 100,	M/ H 105 and	M/H 105a cc	Instruction (2.5	m depth)				
S30AN730	Pipe Laying and concrete surround works		100%	50	17-Sep-12 A	06-Oct-12 A										
S30AN740	Construction of temporary access for Villager		100%	30	08-Oct-12 A	22-Oct-12 A										
S30AN750	Backfilling (5 Layers)		100%	25	24-Oct-12 A	15-Dec-12 A										
S30AN760	Gravity Sewer Line STS10_105a to 110 and STS10_105 to STS10_105a	-23	0%	8	24-Jun-13 A	12-Aug-13			Gra	wity Sewer Lir	ne STS10_105	a to 110 and S	+ TS10_105 to	STS10_105a		
S30AN770	Modification of existing DN2200 valve chamber	-23	0%	0	26-Jul-13				Modification	n of existing D	N2200 valve o	hamber				
S30AN780	Pipe Laying and concrete surround works (2.5m depth)	-23	70%	26	24-Jun-13 A	03-Aug-13			Pipe La	iying and con	crete surround	works (2.5m d	epth)			
S30AN790	Backfilling (7 Layers)	-23	0%	7	03-Aug-13	12-Aug-13			Bac	kfilling (7 Lay	ers)			- 		

APPENDIX C IMPLEMENTATION SCHEDULE OF ENVIRONMENTAL MITIGATION MEASURES (EMIS)

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

Air Quality - Schedule of Recommended Mitigation Measures

Impost	Mitigation Magauraa	Timing	Implen	nentation	Status
Impact	Mitigation Measures	rinning	Aug 13	Sep 13	Oct 13
Air Quality during	• Restricting heights from which materials are dropped, as far as practicable to minimize the fugitive dust arising from unloading/loading.	During construction	V	V	V
Construction	• All stockpiles of excavated materials or spoil of more than 50m ³ shall be enclosed, covered or dampened during dry or windy conditions.		@	@	V
	• Effective water sprays shall be used to control potential dust emission sources such as unpaved haul roads and active construction areas.		V	V	V
	All spraying of materials and surfaces shall avoid excessive water usage.		V	V	V
	• Vehicles that have the potential to create dust while transporting materials shall be covered, with the cover properly secured and extended over the edges of the side and tail boards.		V	V	V
	Materials shall be dampened, if necessary, before transportation.		V	V	V
	• Travelling speeds shall be controlled to reduce traffic induced dust dispersion and resuspension within the site from the operating haul trucks.		V	V	V
	• Vehicle washing facilities shall be provided to minimize the quantity of material deposited on public roads.		V	V	@

Noise - Schedule of Recommended Mitigation Measures

Impost	Mitigation Manauroa	Timina	Implen	nentation	Status
Impact	Mitigation Measures	Timing	Aug 13	Sep 13	Oct 13
Noise during	• Use of silenced plant or plant equipped with mufflers or dampers in substitute of ordinary plant.	During	V	V	V
Construction	Reduce the number of equipment and their percentage on-time.	construction	V	V	V
	• 3.5 m and 5.5 m high temporary noise barrier at culvert construction work area (Figure 2a of the Environmental Permit).		V	V	V
	• 3 m high temporary noise barrier along the northern edge of Bridge 12 at ground level (Figure 2b of the Environmental Permit).		V	V	V
	• 2 m high temporary noise barrier along the northern edge of Bridge 12 at bridge level (Figure 2b of the Environmental Permit).		In progress	In progress	In progress
	• 2.5 m high temporary noise barrier along Tai Wo Service Road West (Figure 2c of the Environmental Permit).		V	V	V
	3.5m high temporary noise barrier along Tai Wo Services Road West near Tai Hang (Figure2c of the Environmental Permit).		In progress	In progress	In progress

Water Quality - Schedule of Recommended Mitigation Measures

Impost	Mitigation Macauraa	Timing	Implem	nentation	Status
Impact	Mitigation Measures	Timing	Aug 13	Sep 13	Oct 13
Water quality	Demolition and reconstruction of bridges	During			
during	 Prevent off-site migration through use of sheet piles. 	construction	V	V	V
Construction	Minimize duration of works as far as practical.		V	V	V
	• All sewer and drainage connections should be sealed to prevent debris, soil, sand, etc, from entering public sewers/drains.		V	V	V
	• Site surface runoff should be settled to remove sand/silt before it is discharged into the existing storm drains.		V	V	V
	River training works				
	 Inspection and testing of water quality in the nullah on the Tai Po River. 		N/A	N/A	N/A
	Road Widening Works and Earthworks				
	 Wastewater generated from any concrete batching washdown of equipment or similar activities should be discharged into foul sewers, after the removal of settable solids, and pH adjustment as necessary. All sewage discharges from the study area should meet the TM standards and approval from EPD through the licensing process is required. 		V	V	V
	• Sand traps, oil interceptors and other pollution prevention installations should be provided, properly cleaned and maintained.		V	V	V
	 Runoff from exposed working areas, unfinished slopes and from unlined temporary channels should be directed to stilling basins and/or silt traps before discharging to the drainage outfalls. 		V	V	V
	 Regular inspections of stilling basins and/or silt traps are required to ensure that sediment is not conveyed into the existing drainage system. 		V	V	V
	Open stockpiles should be covered with a tarpaulin cover.		@	@	V
	• During the wet season, any exposed top soils should be covered with a tarpaulin, shotcreted or hydroseeded.]	V	V	V
	• Sand and silt from wash-water from vehicle washing should be settled out before discharging into storm drains.]	V	V	V
	Fuels should be stored in bunded areas such that spillage can be easily collected.]	V	V	V

Waste - Schedule of Recommended Mitigation Measures

Impost	Mitigation Maggurag	Timing	Implen	nentation	Status
Impact	Mitigation Measures	rining	Aug 13	Sep 13	Oct 13
Waste	General Waste	During			
Management	Transport of wastes off site as soon as possible.	construction	@	@	@
during	Maintenance of accurate waste records		V	V	V
Construction	Minimization of waste generation for disposal (via reduction/recycling/re-use).		V	V	V
	No on-site burning will be permitted.		V	V	V
	Use of re-useable metal hoardings/signboards.		V	V	V
	Vegetation from site clearance				
	Segregation of materials to facilitate disposal.		V	V	V
	• Mulching to reduce bulk and where possible review opportunities for the possible beneficial use within landscaping areas.		V	V	V
	Demolition Wastes				
	Segregation of materials to facilitate disposal.		V	V	V

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

Ecology - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implem	nentation	Status
impact	Mitigation Measures	rinnig	Aug 13	Sep 13	Oct 13
Ecology	Accurate Delineation of Works Area	During			
during Construction	 Boundaries of proposed works areas shall be clearly identified and Decarated from external areas by a physical barrier to prevent encroachment of adjacent habitats. 	construction	V	V	V
	• Individual trees which fall within the works areas but which work plans show do not require removal are to be retained and fenced off to maximize protection.		V	V	V
	Vegetation Clearance				
	No fires shall be lit within the works area for the purpose of burning cleared vegetation.		V	V	V
	• The Contractor shall give consideration to mulching the cleared vegetation for recycling within the works area /		V	V	V

adjacent land.			
Dust generation			
Vehicle washing facilities to be provided at every discernible or designated vehicle exit point;	V	V	
All temporary site access roads shall be sprayed with water to suppress dust as necessary;	V	V	
All dusty materials should be sprayed with water immediately prior to any handling; and	V	V	
• All debris should be covered entirely by impervious sheeting or stored in a sheltered debris collection area.	V	V	
Surface Run-off			
 Bund and cover stock piles to avoid run-off; 	V	V	
 Channel any run-off through a system of oil, grease and sediment / silt traps and reuse water on site where ever practical; 	V	V	
 All vehicle maintenance to be undertaken within a bunded area; and 	N/A	N/A	
Maximize vegetation retention on-site to maximize absorption (minimize transport).	V	V	

Landscape and Visual Impact - Schedule of Recommended Mitigation Measures

Impact	Mitigation Massuras	Timing	Implementation Status			
	Mitigation Measures		Aug 13	Sep 13	Oct 13	
Landscape	Preservation of Existing Vegetation	During				
and Visual	 Trees identified for retention within the project limit would be protected during the works 	construction	V	V	V	
during	The tree transplanting and planting works shall be implemented by approved Landscape Contractors		V	V	V	
Construction	Temporary Works Areas					
	• Where feasible the works areas would be screened using hoarding and existing vegetation would be retained where possible to reduce the landscape and visual impacts arising from the construction activity. The landscape of these works areas would be restored following the completion of the construction phase.		V	V	V	
	Hoarding					
	• A hoarding would be erected where practicable in the most visually sensitive locations to screen the temporary construction works from the local VSR's.		V	V	V	
	Top Soils					
	• The works will result in disturbance to extensive areas of topsoil. Topsoil worthy of retention should be stockpiled for use following completion of the civil engineering works. It should either be temporarily vegetated with hydroseeded grass or turned over on a regular basis.		N/A	N/A	N/A	
	Protection of Important Landscape Features					
	 Important features such as temples, Island House and kilns within the study area, although remote from the proposed works retained and adequately protected. 		V	V	V	

Legend: V = implemented; x = not implemented; @ = partially implemented;

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

APPENDIX D SUMMARY OF ACTION AND LIMIT LEVELS

Appendix D - Summary of Action and Limit Levels

Location	Action Level	Limit Level
AM1A	302.1 μg/m ³	500 μg/m ³
AM2	301.9 μg/m ³	500 μg/m ³
AM3	301.9 μg/m ³	500 μg/m ³
AM4A	302.3 μg/m ³	500 μg/m ³

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

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

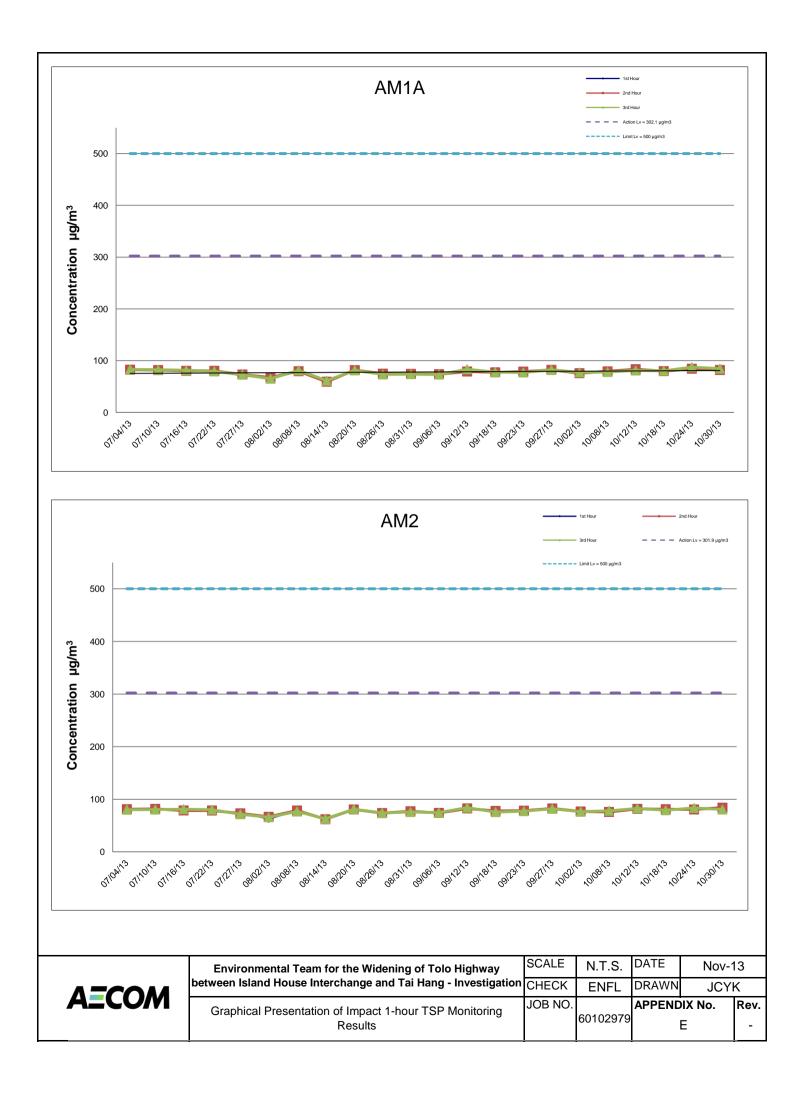
Location	Action Level	Limit Level
AM1A	176.6 μg/m ³	260 μg/m³
AM2	178.6 μg/m³	260 μg/m³
AM3	193.1 μg/m³	260 μg/m³
AM4A	198.5 μg/m ³	260 μg/m ³

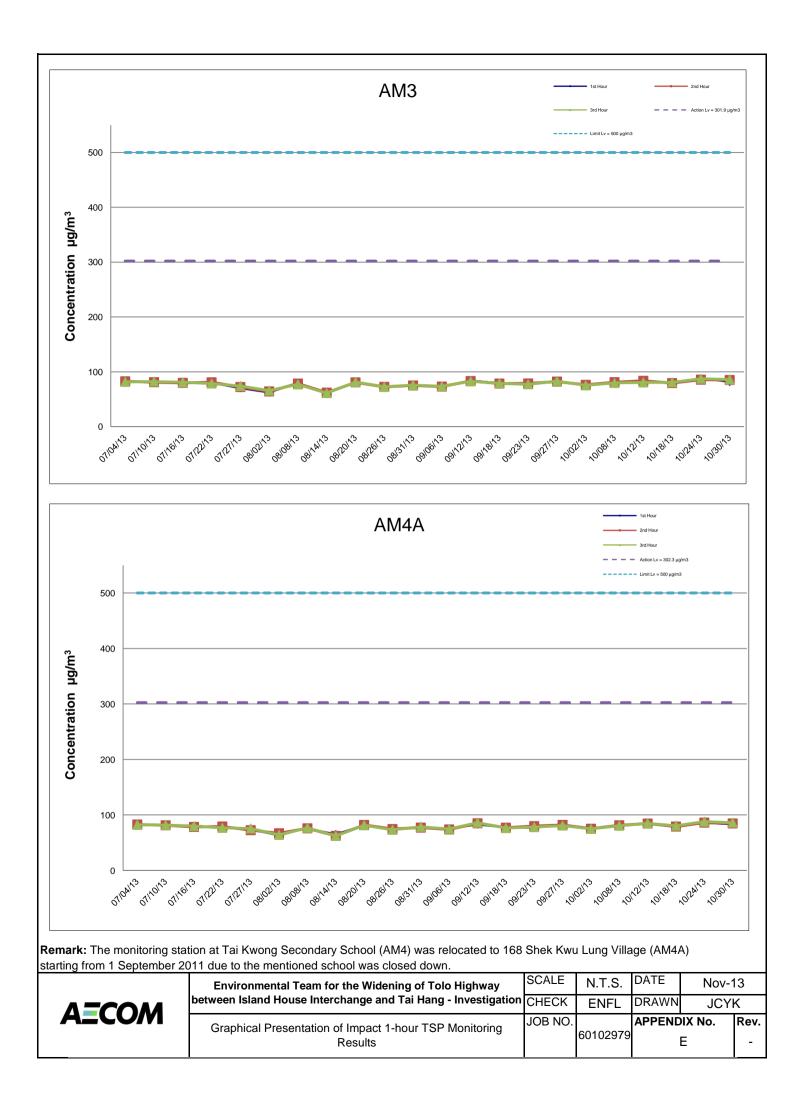
Table 3 – Action and Limit Levels for Construction Noise (0700-1900 hrs of normal weekdays)

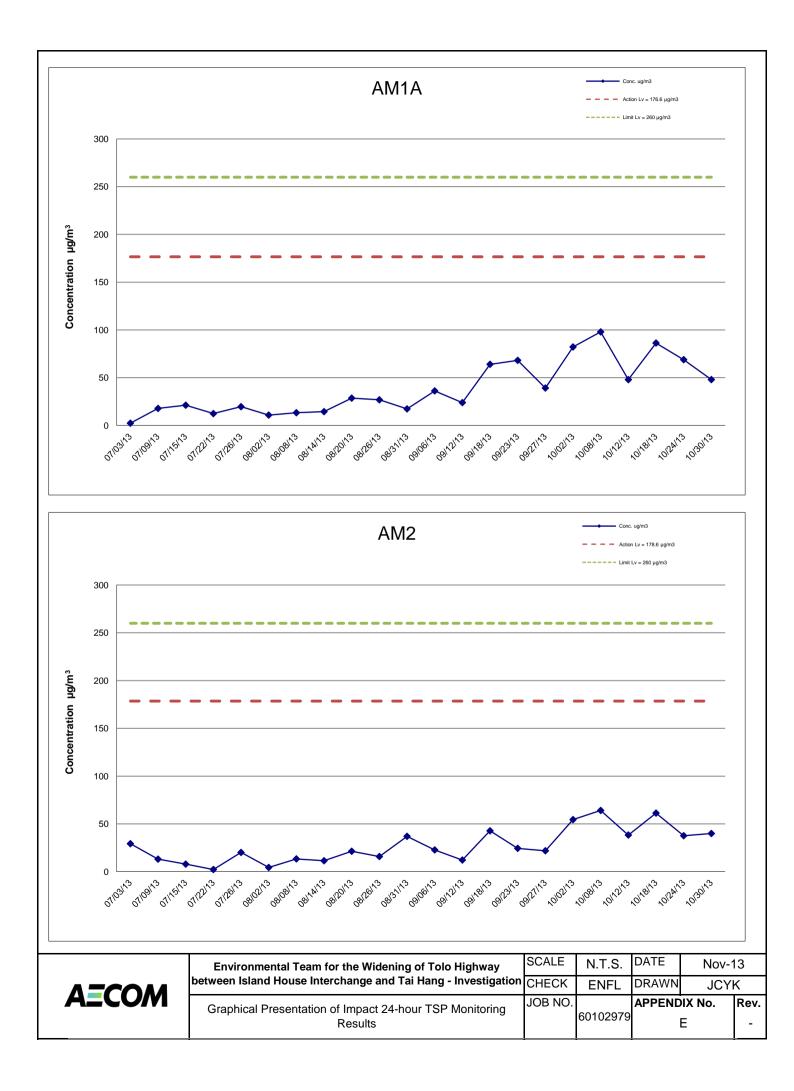
Location	Action Level	Limit Level
NM1A	When one documented	75 dB(A)
NM2	complaint, related to 0700 –	75 dB(A)
NM3	1900 hours on normal	65/70 dB(A)*
NM4		75 dB(A)
NM5	weekdays, is received	75 dB(A)
NM6	from any one of the sensitive	65/70 dB(A)*
NM7	receivers	75 dB(A)

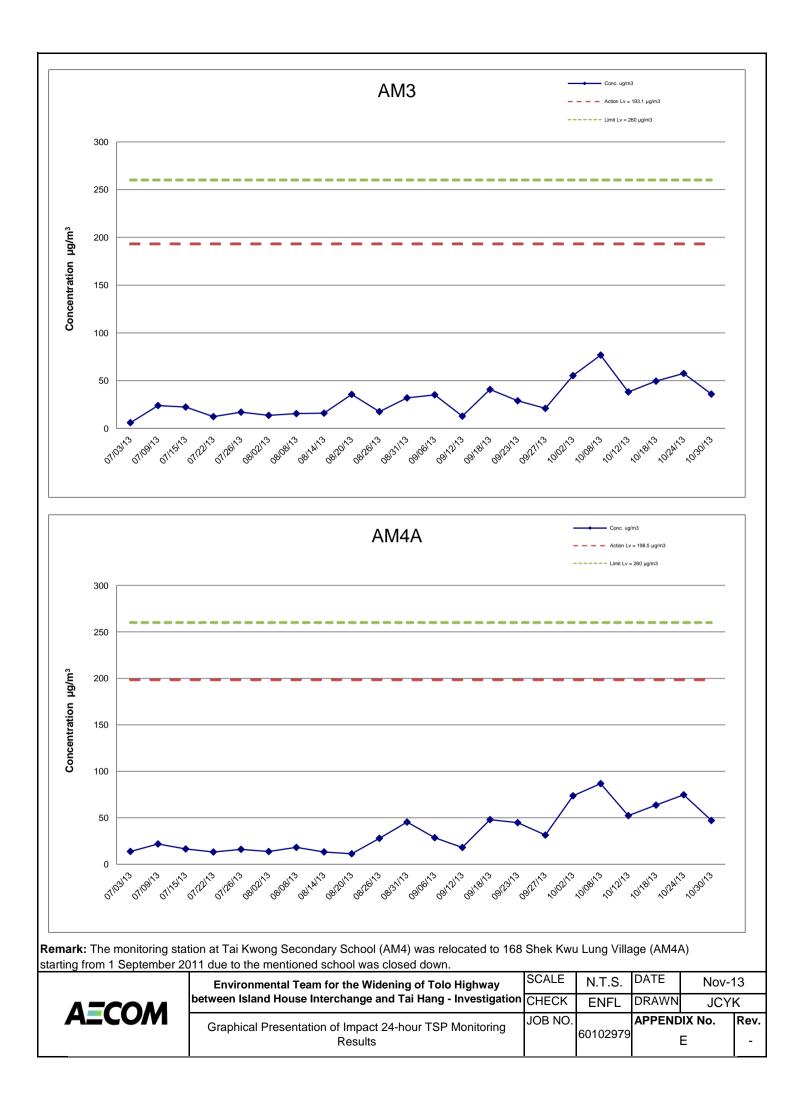
*Daytime noise Limit Level of 70 dB(A) applies to education institutions, while 65dB(A) applies during school examination period

APPENDIX E GRAPHICAL PRESENTATION OF IMPACT AIR QUALITY MONITORING RESULTS

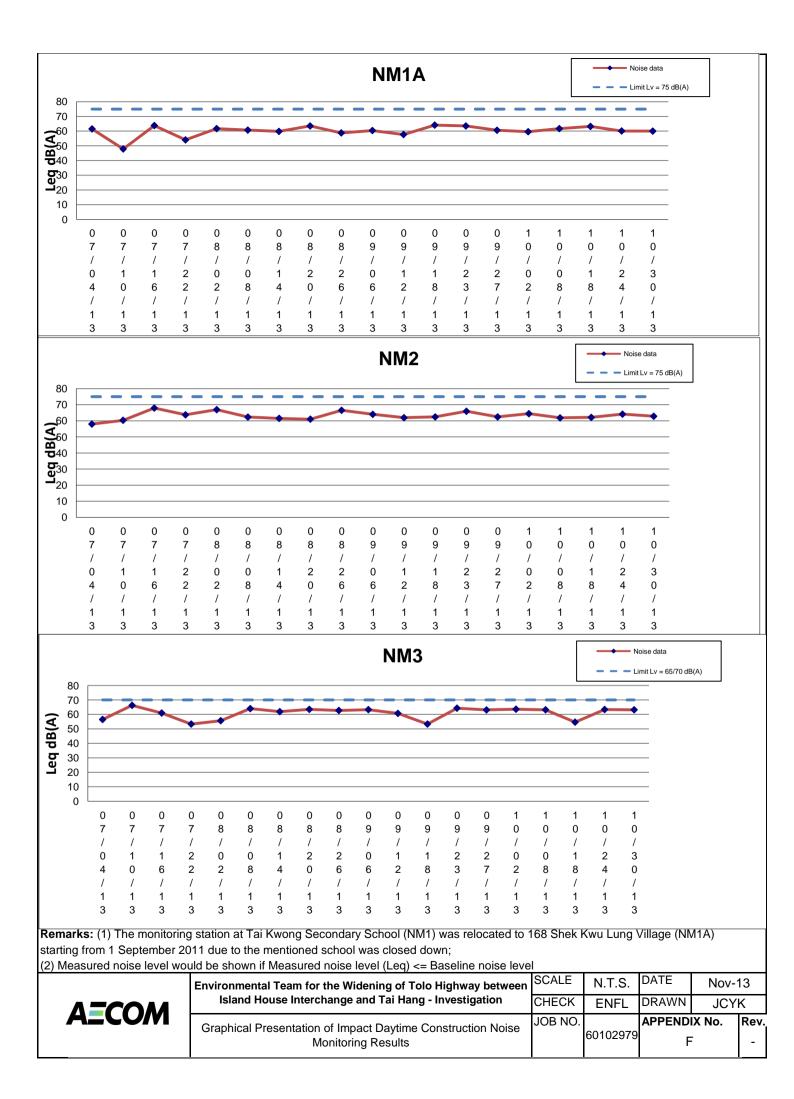


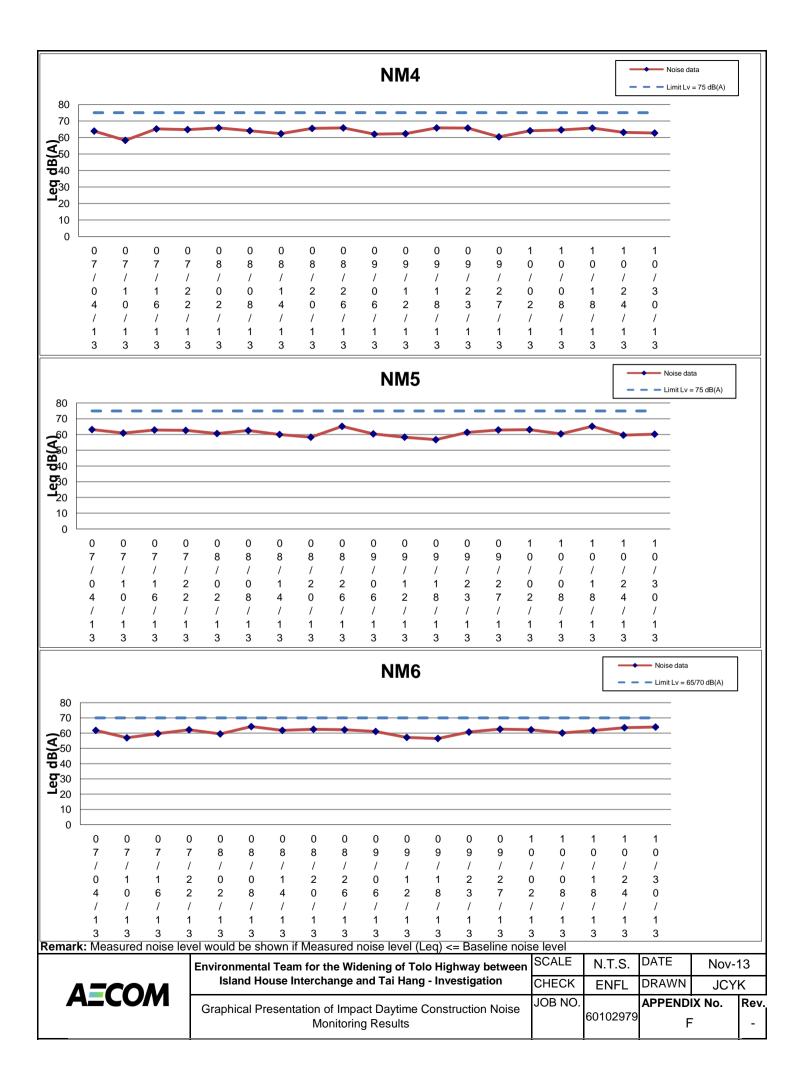


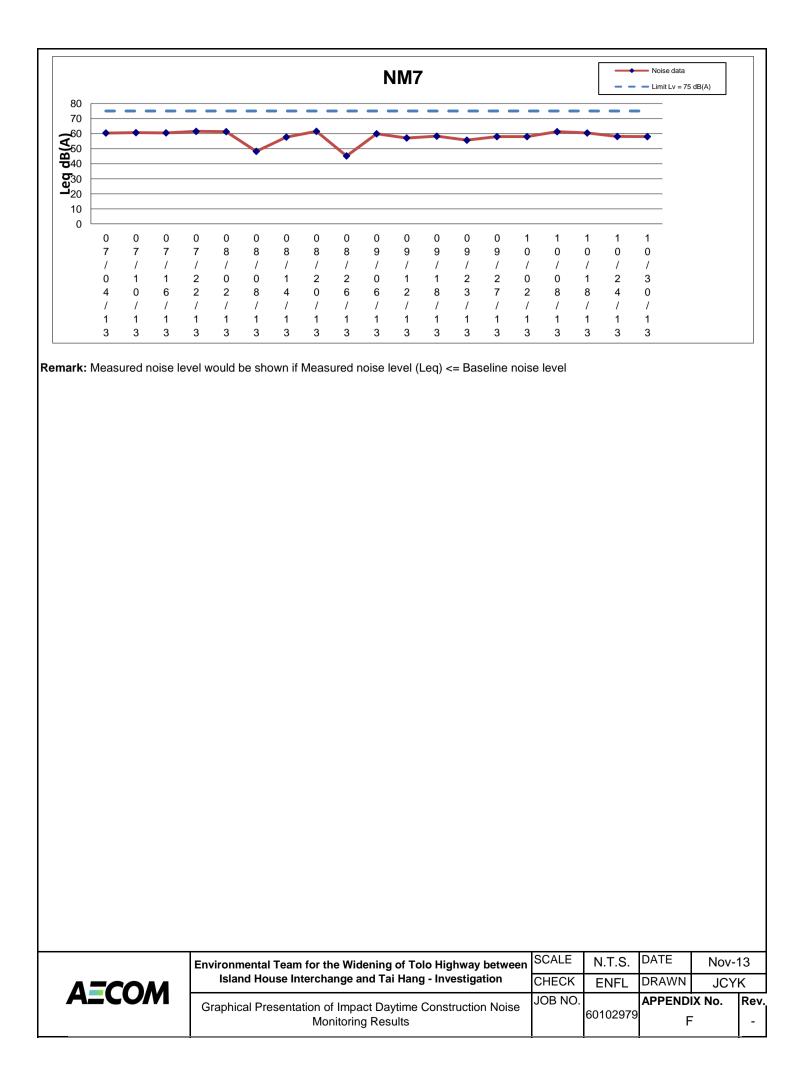




APPENDIX F GRAPHICAL PRESENTATION OF IMPACT DAYTIME CONSTRUCTION NOISE MONITORING RESULTS







APPENDIX G CUMULATIVE STATISTICS ON COMPLAINTS, NOTIFICATIONS OF SUMMONS AND SUCCESSFUL PROSECUTIONS

Appendix G

Statistics on Complaints, Notifications of Summons and Successful Prosecutions

	Date Received	Subject	Status	Total no. followed up by ET during this period	Total no. followed up by ET since project commencement
Environmental complaints	7 October 2013	EPD referred a complaint about dust emission in construction site of the Tolo Highway widening construction works at Ma Wo, causing nuisance to the complainant.	Closed	1	33
Notification of summons	-		-	0	0
Successful Prosecutions				0	0