

Activity Name	Original Duration	Planned Start	Planned Finish	2011				2012				2013				2014				2015				2016	
				Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
HY/2009/15 - CWB TUNNEL (CBTS SECTION)																									
SUBMISSIONS COMPLYING WITH EPs																									
EM&A Manual (rely on the Master EP's submission EP-364/2009/A Condition 2.5)																									
Baseline Monitoring Report (rely on the Master EP's submission EP-364/2009 Condition 3.3)																									
Monthly EM&A (rely on the masters EP's Submission, EP-364/2009/A Condition 3.4)																									
A dedicated website (rely on the master EP's submission, EP-364/2009/A Condition 4.2)																									
Management organization of main construction companies (FEP Condition 2.6)	1d	02-Oct-10	02-Oct-10																						
Work Schedule (FEP Condition 2.7)	1d	27-Oct-10	27-Oct-10																						
Location Plan (FEP Condition 2.8)	1d	27-Oct-10	27-Oct-10																						
Noise Management plan (FEP Condition 2.9)	1d	27-Oct-10	27-Oct-10																						
Landscape plan (FEP condition 2.10)	1d	31-Jan-11	31-Jan-11																						
EAST VENTILATION ADIT																									
CCT @ Portion 1, 2, 4, 6, 22	1315d	27-Sep-10	03-May-14																						
EV Adit @ Portion 4-Advance Works	526d	27-Sep-10	05-Mar-12																						
EV Adit Portion 1, 2, 6, 22	26d	22-Dec-11	16-Jan-12																						
EV Adit-based on Conforming Design	323d	15-Feb-12	02-Jan-13																						
TCBR1E (TS1 Area)																									
Diaphragm Wall Construction (incl. SI, & tests after completion)	107d	26-Apr-11	10-Aug-11																						
Excavation & Lateral Support, ELS	99d	16-Jul-11	22-Oct-11																						
Cut & Cover Tunnel Construction (incl. backfill)	78d	22-Oct-11	07-Jan-12																						
OHVD and Cable Trough (access from Portion 22)	76d	18-Dec-13	03-Mar-14																						
TCBR2 + TCBR3 (TS2 Area)																									
Diaphragm Wall Construction	118d	06-Jul-12	31-Oct-12																						
Excavation & Lateral Support, ELS	248d	06-Jul-12	10-Mar-13																						
Cut & Cover Tunnel Construction	164d	11-Mar-13	21-Aug-13																						
OHVD Cable Trough (Access from Portion 22)	150d	05-Aug-13	01-Jan-14																						
TCBR1W (TS4 Area)																									
Diaphragm Wall Construction	148d	28-Jun-11	22-Nov-11																						
Excavation & Lateral Support, ELS	319d	28-Jun-11	11-May-12																						
Landing Steps - Demolition/Reconstruct as footpath	40d	28-Jun-11	23-Aug-11																						

◆ Milestone
◆ Milestone
■ Remaining Work
■ Critical Remaining Work
■ Actual Work

1 of 2

China State Construction Engineering (Hong Kong) Ltd.

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel

(CBTS Section)

Prepared by William Caluza			
Date	Revision	Checked	Approved
14-Mar-11	Revision C	ST	KL
	File: 0001a		
	(Layout:HY/2009/15: CWB - Summary)		



中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGRG. (HONG KONG) LTD.

Activity Name	Original Duration	Planned Start	Planned Finish	2011				2012				2013				2014				2015				2016		
				Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Rock Excavation	235d	25-Apr-12	15-Dec-12																							
ME4-Diaphragm Wall	114d	10-May-12	19-Oct-12																							
AS Logistics Area for Mined Tunneling Works	174d	01-Jun-12	07-Feb-13																							
ME4-ELS Works	212d	01-Jun-12	02-Apr-13																							
SCL Entrusted Works	291d	18-Jul-12	09-Sep-13																							
Cut & Cover Tunnel Construction (w/o TS4 +)	111d	17-Dec-12	06-Apr-13																							
ME4-RC Structure	146d	28-Jan-13	21-Aug-13																							
OHVD and Cable Trough (Access from TZ5/TPCWAE/TPCWAW)	180d	17-Jun-13	13-Dec-13																							
MINED TUNNEL																										
CHT Protection Works @ location A, B, C	342d	27-Sep-10	01-Feb-12																							
Tunnel works from West Portal (access from TPCWAE& TZ5)	418d	12-Mar-12	30-Oct-13																							
Tunnel Works from East Portal (Access from TS4 Area)	214d	30-Mar-12	01-Feb-13																							
Tunnel OHVD & Cable Trough	384d	02-Dec-13	22-May-15																							
TPCWAE																										
Drainage Diversion works along Hung Hing Road (Portion 19)	176d	15-Oct-10	24-Jun-11																							
Diaphragm Wall Construction	147d	20-May-11	13-Oct-11																							
Excavation & Lateral Support, ELS	421d	20-May-11	13-Jul-12																							
Rock Excavation	206d	12-Mar-12	03-Oct-12																							
AS Logistics Area for Mined Tunneling works	342d	12-May-12	18-Apr-13																							
Cut & Cover Tunnel Construction	130d	28-Jan-13	06-Jun-13																							
OHVD and Cable Trough (Access from TZ5/TPCWAW)	182d	18-Feb-15	18-Aug-15																							
TPCWAW & PORTION 11																										
Diaphragm Wall Construction + Portion 11	222d	25-Oct-13	03-Jun-14																							
Excavation & Lateral Support, ELS	478d	25-Oct-13	14-Feb-15																							
Cut & Cover Tunnel Construction	143d	30-Dec-14	21-May-15																							
OHVD and Cable Trough Installation (Access from Portion 11)	235d	22-May-15	11-Jan-16																							

- ◆ Milestone
- ◆ Milestone
- Remaining Work
- Critical Remaining Work
- Actual Work

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China State Construction Engineering (Hong Kong) Ltd.
Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel
(CBTS Section)

Prepared by William Caluza			
Date	Revision	Checked	Approved
14-Mar-11	Revision C	ST	KL
	File: 0001a		
	(Layout:HY/2009/15: CWB - Summary)		



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2010												2011												2012												2013
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan		
38030	Request comment from RMO & TD comment for modify their current T	14d	30-03-11 A	15-04-11 A																																						
38040	Notice FEHD	1d	18-04-11 A	18-04-11 A																																						
38050	Water pipe diversion	2d	22-04-11 A	23-04-11 A																																						
38060	Modify of temporary hoarding at TTA area	2d	28-04-11 A	29-04-11 A																																						
38070	Stabilization works at the existing abutment by others	59d	01-04-11 A	30-11-11	0d																																					
Remaining / Re-install Pipe Piles and Sheet Piles																																										
Remaining Pile Piling Works at Zone A to Zone F																																										
39000	Submission of method statement & ICE certificate for 100mm grout pipe at Zone E and Zone F	1d	01-03-11 A	01-03-11 A																																						
39010	Request consent by the engineer for 100mm grout pipe at Zone E and Zone F	7d	29-03-11 A	29-03-11 A																																						
39020	Drilling of 100mm for grouting works at Zone F (12 nos)	30d	29-03-11 A	26-04-11 A																																						
39030	Drilling of 100mm for grouting works at Zone E (8 nos)	20d	26-04-11 A	09-05-11 A																																						
39040	Grouting of 100mm at Zone F (12 nos)	5d	03-05-11 A	08-05-11 A																																						
39050	Grouting of 100mm at Zone E (8 nos)	3d	09-05-11 A	11-05-11 A																																						
39060	Request engineer's provide detail information for strengthening works at abutment A	14d	12-05-11 A	16-06-11 A																																						
39070	Review design and method statement for pipe piling works	14d	24-05-11 A	27-06-11 A																																						
39080	Submission of method statement and ICE certificate for pipe piling works at Zone A to Zone F	1d	28-06-11 A	29-06-11 A																																						
39090	Request consent by the engineer for pipe pile works at Zone A to Zone F	7d	28-07-11 A	04-08-11 A																																						
39100	Drilling of 219mm for pipe pile wall at Zone F (25 nos)	13d	17-09-11	03-10-11	60d																																					
39110	Drilling of 219mm for pipe pile wall at Zone E (17 nos)	9d	16-09-11	26-09-11	75d																																					
39120	Grouting of 219mm at Zone F (25 nos)	11d	26-09-11	10-10-11	74d																																					
39130	Grouting of 219mm at Zone E (17 nos)	9d	21-09-11	30-09-11	80d																																					
39140	Drilling of 100mm for grouting works at Zone C (15 nos)	4d	09-09-11	14-09-11	60d																																					
39145	*Re-drilling of 100mm for grouting works at Zone C (9 nos)	2d	15-09-11	16-09-11	60d																																					
39150	Drilling of 100mm for grouting works at Zone D (18 nos)	5d	09-09-11	15-09-11	75d																																					
39160	Drilling of 100mm for grouting works at Zone E (19 nos)	5d	27-09-11	03-10-11	75d																																					
39170	Drilling of 100mm for grouting works at Zone F (13 nos)	3d	04-10-11	07-10-11	60d																																					
39175	*Re-grouting of 100mm at Zone A & B (52 nos)	8d	15-09-11	23-09-11	86d																																					
39180	Grouting of 100mm at Zone C (15 nos)	3d	15-09-11	17-09-11	85d																																					
39185	*Re-grouting of 100mm at Zone C (9 nos)	2d	19-09-11	20-09-11	85d																																					
39190	Grouting of 100mm at Zone D (18 nos)	4d	16-09-11	20-09-11	85d																																					
39200	Grouting of 100mm at Zone E (19 nos)	4d	04-10-11	08-10-11	75d																																					
39210	Grouting of 100mm at Zone F (13 nos)	4d	08-10-11	12-10-11	72d																																					
39220	Completion of works for pile pipe wall at Zone A to Zone F	0d		12-10-11	72d																																					
Pile Piling Works at Stage 1 Zone D near LCSD Garden																																										
40000	Prepare and review ELS design and method statement at stage 1 (L-sharp)	30d	13-04-11 A	20-05-11 A																																						
40010	Submission of method statement and ICE certificate for pipe piling works at stage 1 Zone D near LCSD Garden	14d	26-05-11 A	28-06-11 A																																						
40020	Request consent by the engineer for pipe pile works at stage 1 Zone D near LCSD Garden	7d	29-06-11 A	25-07-11 A																																						
40030	Drilling of 100mm for grouting works at stage 1 Zone D near LCSD Garden (35 nos)	7d	26-07-11 A	02-08-11 A																																						
40040	Grouting of 100mm at stage 1 Zone D near LCSD Garden (35 nos)	7d	03-08-11 A	19-08-11 A																																						
40050	Drilling of 273mm for pipe pile wall at stage 1 Zone D near LCSD Garden (35 nos)	18d	10-08-11 A	31-08-11	60d																																					
40060	Grouting of 273mm at stage 1 Zone D near LCSD Garden (35 nos)	14d	25-08-11	09-09-11	90d																																					
40070	Drilling of 100mm for grouting works at stage 1 Zone D near LCSD Garden (35 nos)	7d	01-09-11	08-09-11	60d																																					
40080	Grouting of 100mm at stage 1 Zone D near LCSD Garden (35 nos)	7d	10-09-11	19-09-11	90d																																					
40090	Completion of works for pile pipe wall at stage 1 Zone D near LCSD Garden	0d		19-09-11	90d																																					
Revised Basement Carpark Setting Out at stage 1 Zone F and Zone G																																										
50000	Revised basement carpark setting out alignment at stage 1 Zone F and Zone G	6d	21-07-11 A	27-07-11 A																																						
50010	Removal completed shoring at stage 1 Zone F and Zone G	7d	22-07-11 A	30-07-11 A																																						
50020	Removal completed sheet piling at stage 1 Zone F	10d	22-07-11 A	01-08-11 A																																						

Activity ID	Activity Name	Rem Dur	Start	Finish	2011																
					September					October				November				December			
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	05	12
3MRP - Sep 2011 to Dec 2011																					
01 - CONTRACT DATES																					
01.1 - Conditions																					
0110-1100	PMI for Section 1 of the Works	0		01-Dec-11															◆ PMI for Section 1 of the		
01.2 - Possession of Site																					
0120-1500	Possession to Portion XI	0	05-Oct-11*								◆ Possession to Portion XI										
0120-1600	Possession to Portion IA	0	10-Nov-11*																◆ Possession to Portion IA		
0120-1700	Possession to Portion IB	0	10-Nov-11*																◆ Possession to Portion IB		
0120-1800	Possession to Portion IC	0	10-Nov-11*																◆ Possession to Portion IC		
0120-1900	Possession to Portion ID	0	10-Nov-11*																◆ Possession to Portion ID		
0120-2000	Possession to Portion X	0	10-Nov-11*																◆ Possession to Portion X		
0120-2100	Possession to Portion III	0	31-Dec-11*																		
0120-2200	Possession to Portion VA	0	31-Dec-11*																		
0120-2300	Possession to Portion VB	0	31-Dec-11*																		
0120-2400	Possession to Portion VC	0	31-Dec-11*																		
0120-2500	Possession to Portion VD	0	31-Dec-11*																		
01.5 - Period of Site Possession for each Portion																					
0150-1000	Site possession Period Portion VI	2075	20-Jan-11 A	25-May-17																	
0150-1100	Site Possession Period Portion VIIA	2075	04-Aug-11 A	25-May-17																	
0150-1200	Site Possession Period Portion VIIB	883	04-Aug-11 A	18-Feb-14																	
0150-1300	Site Possession Period Portion VIIC	1262	04-Aug-11 A	04-Mar-15																	
0150-1400	Site Possession Period Portion VIID	883	04-Aug-11 A	18-Feb-14																	
0150-1500	Site Possession Period Portion XI	681	05-Oct-11	15-Aug-13																	
0150-1600	Site Possession Period Portion IA	2024	10-Nov-11	25-May-17																	
0150-1700	Site Possession Period Portion IB	832	10-Nov-11	18-Feb-14																	
0150-1800	Site Possession Period Portion IC	1211	10-Nov-11	04-Mar-15																	
0150-1900	Site Possession Period Portion ID	832	10-Nov-11	18-Feb-14																	
0150-2000	Site Possession Period Portion X	2024	10-Nov-11	25-May-17																	
0150-2100	Site Possession Period Portion III	1973	31-Dec-11	25-May-17																	
0150-2200	Site Possession Period Portion VA	1973	31-Dec-11	25-May-17																	
0150-2300	Site Possession Period Portion VB	927	31-Dec-11	14-Jul-14																	
0150-2400	Site Possession Period Portion VC	1973	31-Dec-11	25-May-17																	
0150-2500	Site Possession Period Portion VD	1314	31-Dec-11	05-Aug-15																	
02 - PRE-CONSTRUCTION WORKS																					
02.1 - Permit & Licence Application																					
0210-1300	Apply for XP from HyD	12	21-Mar-11 A	01-Oct-11																	
0210-1400	XP issued by HyD	0		01-Oct-11																	
0210-1500	Dumping Permit from CEDD	36	10-Mar-11 A	25-Oct-11																	
02.2 - Contractor's Submission																					
0220-1160	Detailed Works Programme - Approval from ER	0	30-Jul-11 A	25-Aug-11 A																	
0220-1190	Revise Temp. Drainage Management Plan	7	10-Aug-11 A	26-Sep-11																	
0220-1200	Temp. Drainage Management Plan - Approval from ER	14	10-Sep-11 A	10-Oct-11																	
0220-1250	Concrete Ready Mix/Design Mix - Concrete Plant Trials & Approval	18	04-Aug-11 A	07-Oct-11																	
0220-1260	Drainage Pipes & Materials - Submission	25	15-Sep-11 A	14-Oct-11																	

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

Contract HY/2009/19

Three Month Rolling Programme (21 SEP - 20 DEC 2011)

Activity ID	Activity Name	Rem Dur	Start	Finish	2011																			
					September					October				November				December						
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	05	12	19		
0410-1020	Utility Coordination and Liaison	48	01-Dec-11	28-Jan-12																				
0410-1030	Setting Out and Utility Detection & Protection at Portion XI	18	14-Feb-12	05-Mar-12																				
0410-1040	ELS - Manhole 1-A to SP1 (~10m)	8	06-Mar-12	14-Mar-12																				
0410-1050	Construct/Modify Manholes 1-A and SP1	36	15-Mar-12	28-Apr-12																				
0410-1060	1500mm Dia. Pipe Laying and Testing - Manhole 1-A to SP1 (~10m)	8	30-Apr-12	09-May-12																				
0410-1070	Backfilling & Reinstatement Manhole 1-A to SP1	8	10-May-12	18-May-12																				
0410-1080	ELS - Manhole SP1 to SP2 (~34m)	26	19-May-12	18-Jun-12																				
05 - SECTION 2 & 2A OF THE WORKS																								
05.2 - Cut & Cover Tunnel Ch 4932-5149																								
05.2.1 - D-Wall Construction																								
0521-1660	Site Establishment (Portion VIIB and VIIC)	14	04-Aug-11 A	07-Oct-11																				
0521-1661	Temporary Bridge Across U-channel	8	12-Sep-11 A	28-Sep-11																				
0521-1665	Construction of Temporary Barging Point/Jetty at Portion VIIA	23	08-Aug-11 A	18-Oct-11																				
0521-1670	D-wall Plant Set-up - Base Slab	5	29-Sep-11	06-Oct-11																				
0521-1672	D-wall Plant Set-up - Bentonite Silo	12	07-Oct-11	20-Oct-11																				
0521-1673	D-wall Plant Set-up - Bentonite Mixing & Testing	3	21-Oct-11	24-Oct-11																				
0521-1680	D-wall N95-N106 Pre-drilling (12 nos@3d - 3 rigs)	0	08-Aug-11 A	19-Sep-11 A																				
0521-1690	D-wall N95-N106 Grouting for Existing Seawall Rubble Mound	18	03-Oct-11	25-Oct-11																				
0521-1700	D-wall N95-N106 Guide Wall	11	17-Sep-11 A	03-Oct-11																				
0521-1710	D-wall N95-N106 Construction (12 nos@6.5d - Team 1+2)	46	25-Oct-11	17-Dec-11																				
0521-1720	D-wall N83-N94 Pre-drilling (12 nos@3d - 3 rigs)	6	26-Aug-11 A	26-Sep-11																				
0521-1730	D-wall N83-N94 Grouting for Existing Seawall Rubble Mound	21	27-Sep-11	22-Oct-11																				
0521-1740	D-wall N83-N94 Guide Wall	12	24-Oct-11	05-Nov-11																				
0521-1750	D-wall N83-N94 Construction (12 nos@6.5d - Team 1+2)	40	17-Dec-11	06-Feb-12																				
0521-1760	D-wall N71-N82 Pre-drilling (12 nos@3d - 3 rigs)	3	08-Aug-11 A	22-Sep-11																				
0521-1770	D-wall N71-N82 Grouting for Existing Seawall Rubble Mound	16	16-Sep-11 A	10-Oct-11																				
0521-1780	D-wall N74-N82 Guide Wall	12	10-Oct-11	24-Oct-11																				
0521-1790	D-wall N74-N76 Construction (3 nos@6.5d - Team 3)	20	25-Oct-11	16-Nov-11																				
0521-1795	D-wall N77-N82 Construction (6 nos@6.5d - Team 3)	39	17-Nov-11	31-Dec-11																				
0521-1800	D-wall N59-N70 Pre-drilling (12 nos@3d - 3 rigs)	24	23-Sep-11	22-Oct-11																				
0521-1810	D-wall N59-N70 Grouting for Existing Seawall Rubble Mound	21	24-Oct-11	16-Nov-11																				
0521-1820	D-wall N59-N70 Guide Wall	12	17-Nov-11	30-Nov-11																				
0521-1830	D-wall N65-N70 Construction (6 nos@6.5d - Team 3)	39	02-Jan-12	18-Feb-12																				
0521-1840	D-wall N52-N58 Pre-drilling (7 nos@3d - 2 rig)	21	24-Oct-11	16-Nov-11																				
0521-1850	D-wall N52-N58 Grouting for Existing Seawall Rubble Mound	21	17-Nov-11	10-Dec-11																				
0521-1860	D-wall N52-N58 Guide Wall	12	12-Dec-11	24-Dec-11																				
0521-1880	D-wall N71-N73 Grouting for Existing Seawall Rubble Mound	15	29-Mar-12	18-Apr-12																				
0521-1890	D-wall N71-N73 Guide Wall	12	19-Apr-12	03-May-12																				
0521-1900	D-wall N71-N73 Construction (3 nos@7d - Team 4)	21	04-May-12	28-May-12																				
0521-1910	D-wall Temp End-wall Pre-drilling (7 nos@3d - 1 rig)	35	17-Nov-11	27-Dec-11																				
0521-1920	D-wall Temp Grouting for Existing Seawall Rubble Mound	21	04-Jan-12	31-Jan-12																				
0521-1930	D-wall Temp End-wall Guide Wall	12	01-Feb-12	14-Feb-12																				
0521-1940	D-wall Temp End-wall Construction (3 nos@6d - Team 2)	18	04-May-12	25-May-12																				
0521-1945	D-wall Temp End-wall Construction (4 nos@6d - Team 3)	24	28-Apr-12	26-May-12																				

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

Contract HY/2009/19

Three Month Rolling Programme (21 SEP - 20 DEC 2011)

3MRP

3MRP - Sep 2011 to Dec 2011

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Activity ID	Activity Name	Rem Dur	Start	Finish	2011																		
					September						October						November						December
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	05	12	19	
0521-1950	Site Survey & Setting Out (Portion IA and IC)	3	10-Nov-11	12-Nov-11															Site Survey & Setting Out (Portion IA and IC)				
0521-1960	Site Establishment (Portion IA and IC)	24	10-Nov-11	07-Dec-11															Site Establishment				
0521-1970	D-wall S102-S113 Pre-drilling (12 nos@3d - 2 rigs)	30	10-Nov-11	14-Dec-11															D-wall				
0521-1980	D-wall S102-S113 Guide Wall	12	15-Dec-11	28-Dec-11																			
0521-1990	D-wall S102-S113 Construction (12 nos@6d - Team 1+2)	36	06-Feb-12	19-Mar-12																			
0521-2000	D-wall S90-S101 Pre-drilling (12 nos@3d - 2 rigs)	30	15-Dec-11	18-Jan-12																			
0521-2010	D-wall S90-S101 Guide Wall	12	19-Jan-12	04-Feb-12																			
0521-2020	D-wall S90-S101 Construction (12 nos@6d - Team 1+2)	36	19-Mar-12	04-May-12																			
0521-2030	D-wall S78-S89 Pre-drilling (12 nos@3d - 4 rigs)	15	14-Nov-11	30-Nov-11															D-wall S78-S89 Pre-drilling				
0521-2040	D-wall S81-S89 Guide Wall	12	01-Dec-11	14-Dec-11															D-wall				
0521-2050	D-wall S81-S84 Construction (4 nos@6d - Team 4)	24	15-Dec-11	11-Jan-12																			
0521-2055	D-wall S85-S89 Construction (5 nos@6d - Team 4)	30	12-Jan-12	18-Feb-12																			
0521-2060	D-wall S66-S77 Pre-drilling (12 nos@3d - 2 rigs)	30	01-Dec-11	04-Jan-12																			
0521-2070	D-wall S66-S77 Guide Wall	12	05-Jan-12	18-Jan-12																			
0521-2080	D-wall S68-S77 Construction (10 nos@6d - Team 4)	60	20-Feb-12	03-May-12																			
0521-2090	D-wall S60-S65 Pre-drilling (6 nos@3d - 1 rig)	18	05-Jan-12	28-Jan-12																			
0521-2100	D-wall S60-S65 Guide Wall	12	30-Jan-12	11-Feb-12																			
0521-2120	D-wall S56-S59 Pre-drilling (4 nos@3d - 2 rigs)	12	30-Jan-12	11-Feb-12																			
0521-2130	D-wall S56-S59 Guide Wall	12	13-Feb-12	25-Feb-12																			
0521-2140	D-wall S78-S80 Guide Wall	12	29-Mar-12	14-Apr-12																			
0521-2145	D-wall S78-S80 Construction (3 nos@6d - Team 1)	18	04-May-12	25-May-12																			
0521-2150	D-wall N52-N106 G.I. Preliminary Report / Founding Level	37	22-Nov-11	03-Jan-12																			
0521-2155	D-wall S52-S113 G.I. Preliminary Report / Founding Level	30	12-Jan-12	18-Feb-12																			
0521-2160	D-wall S52-S113/N52-N106 G.I. Final Report / Founding Level	36	20-Feb-12	31-Mar-12																			
0521-2165	D-wall S68-S113/N65-N106 Testing	36	04-May-12	14-Jun-12																			
05.2.2 - Barrette Construction																							
0522-2180	Barrette BC53-BC56 Pre-drilling (4 nos@6d - 2 rigs)	12	10-Nov-11	23-Nov-11															Barrette BC53-BC56 Pre-drilling (4 n				
0522-2190	Barrette BC54-BC56 Grouting for Existing Seawall Rubble Mound	12	24-Nov-11	07-Dec-11															Barrette BC54-B				
0522-2200	Barrette BC54-BC56 Guide Wall	9	08-Dec-11	17-Dec-11															Bar				
0522-2210	Barrette BC54-BC56 Construction (3 nos@6.5d - Team 5)	21	19-Dec-11	11-Jan-12																			
0522-2215	Barrette BC53 Construction (@6.5d - Team 5)	7	29-Mar-12	07-Apr-12																			
0522-2220	Barrette BC57-BC68 Pre-drilling (12 nos@6d - 3 rigs)	24	17-Dec-11	13-Jan-12																			
0522-2230	Barrette BC57-BC68 Grouting for Existing Seawall Rubble Mound	30	31-Dec-11	07-Feb-12																			
0522-2240	Barrette BC57-BC68 Guide Wall	24	14-Jan-12	14-Feb-12																			
0522-2250	Barrette BC57-BC62 Construction (6 nos@6.5d - Team 5)	40	09-Feb-12	26-Mar-12																			
0522-2260	Barrette BC63-BC68 Construction (6 nos@6.5d - Team 5)	40	10-Apr-12	26-May-12																			
0522-2270	Barrette BC43-BC52 Pre-drilling (10 nos@6d - 3 rigs)	20	24-Nov-11	16-Dec-11															Bar				
0522-2280	Barrette BC43-BC52 Grouting for Existing Seawall Rubble Mound	12	15-Dec-11	28-Dec-11																			
0522-2290	Barrette BC43-BC52 Guide Wall	12	29-Dec-11	11-Jan-12																			
0522-2300	Barrette BC50-BC52 Construction (3 nos@6.5d - Team 5)	21	12-Jan-12	08-Feb-12																			
0522-2320	Barrette BC40-BC42 Pre-drilling (3 nos@6d - 1 rig)	18	01-Feb-12	21-Feb-12																			
0522-2330	Barrette BC40-BC42 Grouting for Existing Seawall Rubble Mound	18	22-Feb-12	13-Mar-12																			
0522-2340	Barrette BC40-BC42 Guide Wall	18	14-Mar-12	03-Apr-12																			
0522-2360	Bulkhead BW1-BW7 Pre-drilling (7 nos@5d - 3 rigs)	12	14-Jan-12	31-Jan-12																			

- █ Remaining Level of Effort
- █ Actual Level of Effort
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone

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3MRP

3MRP - Sep 2011 to Dec 2011

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Activity ID	Activity Name	Rem Dur	Start	Finish	2011															
					September						October				November				December	
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	05
1011-2550	Marine piling preparation works, portion III	6	31-Dec-11	06-Jan-12																
1011-2560	Erect Pre-drilling Platform pier F2B	8	02-Jan-12	10-Jan-12																
1011-2570	Erect Pre-drilling Platform pier F2A	8	11-Jan-12	19-Jan-12																
1011-2580	Erect Pre-drilling Platform pier F1B	8	20-Jan-12	01-Feb-12																
1011-2590	Erect Pre-drilling Platform pier F1A	8	02-Feb-12	10-Feb-12																
1011-2600	Pre-drilling pier F2B	10	11-Jan-12	21-Jan-12																
1011-2610	Pre-drilling pier F2A	20	20-Jan-12	15-Feb-12																
1011-2620	Pre-drilling pier F1B	10	02-Feb-12	13-Feb-12																
1011-2630	Pre-drilling pier F1A	20	11-Feb-12	05-Mar-12																
1011-2635	Portion III Marine Pile G.I. Final Report / Founding Level	30	06-Mar-12	12-Apr-12																
1011-2640	Dismantle Pre-drilling Platform Pier F2B	5	26-Jan-12	31-Jan-12																
1011-2650	Dismantle Pre-drilling Platform Pier F2A	5	16-Feb-12	21-Feb-12																
1011-2660	Dismantle Pre-drilling Platform Pier F1B	5	22-Feb-12	27-Feb-12																
1011-2670	Dismantle Pre-drilling Platform Pier F1A	5	06-Mar-12	10-Mar-12																
1011-2680	Remove existing dolphin pier F2	6	22-Feb-12	28-Feb-12																
1011-2690	Remove existing dolphin pier F1	6	12-Mar-12	17-Mar-12																
1011-2700	Erect marine piling platform pier F2	24	19-Mar-12	18-Apr-12																
1011-2710	Erect marine piling platform pier F1	24	19-Mar-12	18-Apr-12																
1011-2720	Dolphin socketed tubular pile pier F2	36	19-Apr-12	31-May-12																
1011-2730	Dolphin socketed tubular pile pier F1	36	19-Apr-12	31-May-12																
10.1.2 - Land Pier Construction																				
Abutment D12																				
1012-1070	Abutment D12 Bored Piles E/B Bridge (4 piles)	48	10-May-12	06-Jul-12																
Pier D08 to D11																				
1012-1010	Site Survey and Setting Out at Portion III	6	31-Dec-11	06-Jan-12																
1012-1015	Pre-drilling for Pilings (D08 to D12) at III (28 no.) (4set)	27	07-Jan-12	10-Feb-12																
1012-1020	Portion III Land Pile G.I. Prelim Report / Founding Level	6	11-Feb-12	17-Feb-12																
1012-1025	Portion III Land Pile G.I. Final Report / Founding Level	24	18-Feb-12	16-Mar-12																
1012-1030	Pier D08 Bored Piles (6 piles)	72	11-Feb-12	09-May-12																
1012-1040	Pier D09 Bored Piles (6 piles)	72	11-Feb-12	09-May-12																
1012-1050	Pier D10 Bored Piles (6 piles)	72	11-Feb-12	09-May-12																
1012-1060	Pier D11 Bored Piles (6 piles)	72	11-Feb-12	09-May-12																
1012-1080	Pier D08/09/10/11 Bored Pile Testing	12	10-May-12	23-May-12																
Pier D05 to D07																				
1012-1260	Pre-drilling for 18 nos Piling at VIIB (2set)	20	08-Aug-11 A	14-Oct-11																
1012-1265	Portion VIIB Land Pile G.I. Final Report / Founding Level	30	15-Oct-11	18-Nov-11																
1012-1270	Pier D07 Bored Piles (6 piles)	108	19-Nov-11	27-Mar-12																
1012-1280	Pier D06 Bored Piles (6 piles)	108	19-Nov-11	27-Mar-12																
1012-1290	Pier D05 Bored Piles (2 piles)	36	28-Mar-12	12-May-12																
1012-1300	Pier D05/D06/D07 Bored Piles Testing	18	14-May-12	02-Jun-12																
10.1.3 - E/B Bridge Construction																				
Bridge D3																				
1013-1000	Design & Procurement of Launching Girder	75	20-Jan-12	23-Apr-12																
1013-1010	Fabrication & Delivery of Launching Girder	75	24-Apr-12	23-Jul-12																

- █ Remaining Level of Effort
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Contract HY/2009/19
Three Month Rolling Programme (21 SEP - 20 DEC 2011)

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Activity ID	Activity Name	Rem Dur	Start	Finish	2011															
					September						October				November				December	
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	05
14 - SECTION 14 OF THE WORKS																				
14.1 - Soft Landscape																				
1410-1000	Transplant. of ex. Trees to Nursery & upkeep	1515	31-Dec-11	17-Jan-17																

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

Contract HY/2009/19

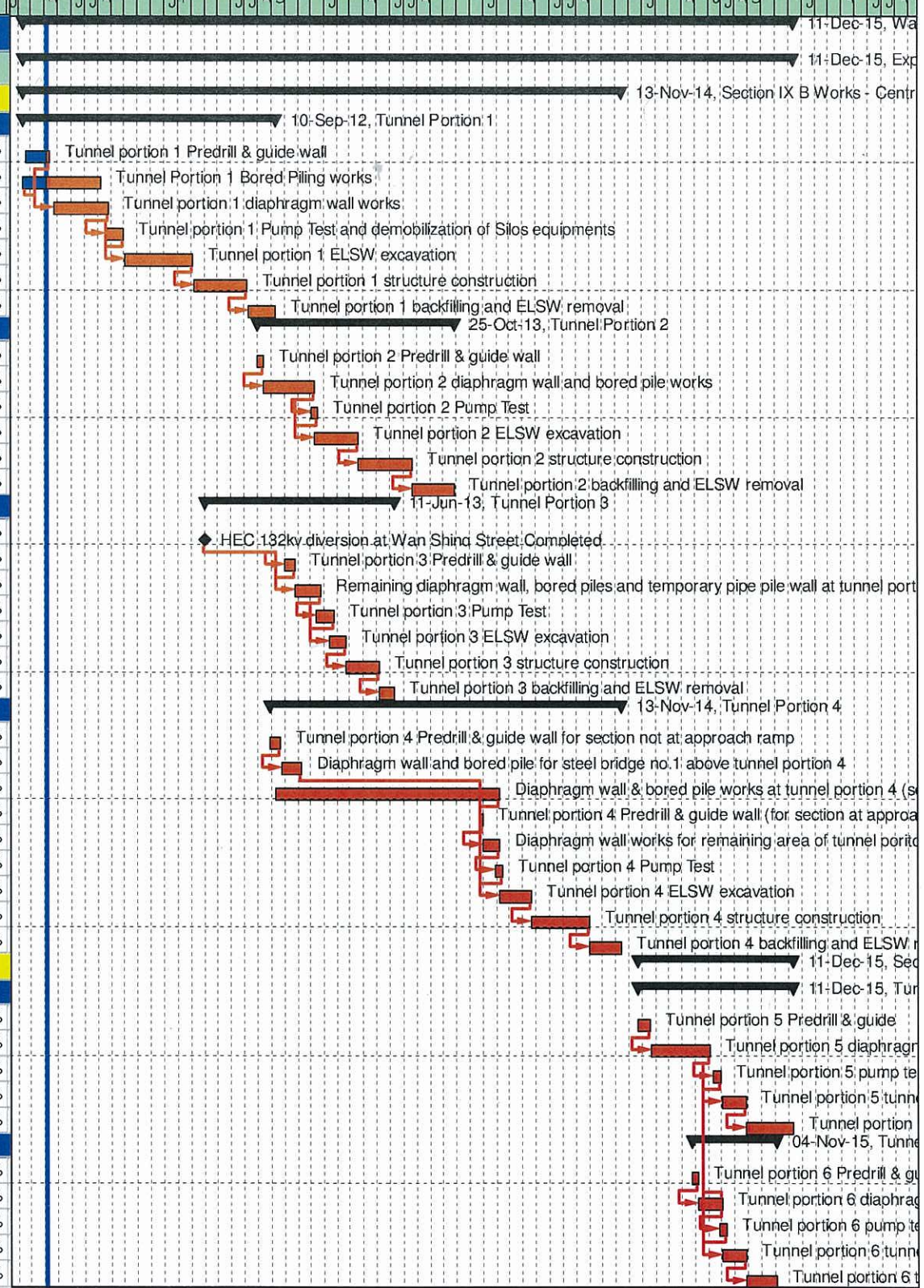
Three Month Rolling Programme (21 SEP - 20 DEC 2011)

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Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai East CONTRACT HK/2009/02

CHUN WO - CRGL JV

Activity ID	Activity Name	OD	Start	Finish	% Complete	Timeline											
						2011	2012	2013	2014	2015	2016						
Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai East																	
Expanded and More Detailed Initial Works Programme																	
Section IX B Works - Central - Wan Chai Bypass Tunnel Structure from chainage 3400 to eastern tunnel																	
Tunnel Portion 1																	
S9B-T1-0005	Tunnel portion 1 Predrill & guide wall	10	18-Feb-11	13-Apr-11	40%	10-Sep-12, Tunnel Portion 1											
S9B-T1-0007	Tunnel Portion 1 Bored Piling works	105	09-Feb-11	08-Aug-11	0%												
S9B-T1-0010	Tunnel portion 1 diaphragm wall works	105	25-Apr-11	27-Aug-11	0%												
S9B-T1-0015	Tunnel portion 1 Pump Test and demobilization of Silos equipments	35	20-Aug-11	30-Sep-11	0%												
S9B-T1-0020	Tunnel portion 1 ELSW excavation	130	03-Oct-11	07-Mar-12	0%												
S9B-T1-0030	Tunnel portion 1 structure construction	100	08-Mar-12	09-Jul-12	0%												
S9B-T1-0040	Tunnel portion 1 backfilling and ELSW removal	54	10-Jul-12	10-Sep-12	0%												
Tunnel Portion 2																	
S9B-T1-0105	Tunnel portion 2 Predrill & guide wall	10	02-Aug-12	13-Aug-12	0%	25-Oct-13, Tunnel Portion 2											
S9B-T2-0010	Tunnel portion 2 diaphragm wall and bored pile works	100	14-Aug-12	10-Dec-12	0%												
S9B-T2-0015	Tunnel portion 2 Pump Test	14	03-Dec-12	18-Dec-12	0%												
S9B-T2-0020	Tunnel portion 2 ELSW excavation	80	11-Dec-12	19-Mar-13	0%												
S9B-T2-0030	Tunnel portion 2 structure construction	100	20-Mar-13	22-Jul-13	0%												
S9B-T2-0040	Tunnel portion 2 backfilling and ELSW removal	80	23-Jul-13	25-Oct-13	0%												
Tunnel Portion 3																	
S9B-T3-0005	HEC 132kv diversion at Wan Shing Street Completed	0	01-Apr-12*		0%	11-Jun-13, Tunnel Portion 3											
S9B-T3-0008	Tunnel portion 3 Predrill & guide wall	20	02-Oct-12	25-Oct-12	0%												
S9B-T3-0010	Remaining diaphragm wall, bored piles and temporary pipe pile wall at tunnel portion 3	50	26-Oct-12	22-Dec-12	0%												
S9B-T3-0015	Tunnel portion 3 Pump Test	30	15-Dec-12	22-Jan-13	0%												
S9B-T3-0020	Tunnel portion 3 ELSW excavation	30	15-Jan-13	20-Feb-13	0%												
S9B-T3-0030	Tunnel portion 3 structure construction	60	21-Feb-13	06-May-13	0%												
S9B-T3-0040	Tunnel portion 3 backfilling and ELSW removal	30	07-May-13	11-Jun-13	0%												
Tunnel Portion 4																	
S9B-T4-0005	Tunnel portion 4 Predrill & guide wall for section not at approach ramp	21	30-Aug-12	22-Sep-12	0%	13-Nov-14, Tunnel Portion 4											
S9B-T4-0010	Diaphragm wall and bored pile for steel bridge no.1 above tunnel portion 4	40	24-Sep-12	10-Nov-12	0%												
S9B-T4-0020	Diaphragm wall & bored pile works at tunnel portion 4 (section not at approach ramp)	420	11-Sep-12	06-Feb-14	0%												
S9B-T4-0025	Tunnel portion 4 Predrill & guide wall (for section at approach ramp)	5	23-Dec-13	30-Dec-13	0%												
S9B-T4-0030	Diaphragm wall works for remaining area of tunnel portion 4 (for section at approach ramp)	30	31-Dec-13	06-Feb-14	0%												
S9B-T4-0035	Tunnel portion 4 Pump Test	14	28-Jan-14	14-Feb-14	0%												
S9B-T4-0040	Tunnel portion 4 ELSW excavation	60	07-Feb-14	19-Apr-14	0%												
S9B-T4-0050	Tunnel portion 4 structure construction	110	22-Apr-14	01-Sep-14	0%												
S9B-T4-0060	Tunnel portion 4 backfilling and ELSW removal	60	02-Sep-14	13-Nov-14	0%												
Section X Works - Central - Wan Chai Bypass Tunnel Structure from western tunnel to chainage 3400																	
Tunnel Portion 5																	
S10-T5-0005	Tunnel portion 5 Predrill & guide	21	23-Dec-14	19-Jan-15	0%	11-Dec-15, Tunnel Portion 5											
S10-T5-0010	Tunnel portion 5 diaphragm wall & bored pile works	110	20-Jan-15	04-Jun-15	0%												
S10-T5-0015	Tunnel portion 5 pump test	14	13-Jun-15	30-Jun-15	0%												
S10-T5-0020	Tunnel portion 5 tunnel ELSW excavation	45	04-Jul-15	25-Aug-15	0%												
S10-T5-0030	Tunnel portion 5 tunnel structure construction	90	26-Aug-15	11-Dec-15	0%												
Tunnel Portion 6																	
S10-T6-0040	Tunnel portion 6 Predrill & guide	12	24-Apr-15	08-May-15	0%	04-Nov-15, Tunnel Portion 6											
S10-T6-0050	Tunnel portion 6 diaphragm wall & bored pile works at Area 10	45	09-May-15	03-Jul-15	0%												
S10-T6-0055	Tunnel portion 6 pump test	14	25-Jun-15	11-Jul-15	0%												
S10-T6-0060	Tunnel portion 6 tunnel ELSW excavation at Area 10	45	04-Jul-15	25-Aug-15	0%												
S10-T6-0070	Tunnel portion 6 tunnel structure construction at Area 10	58	26-Aug-15	04-Nov-15	0%												



<p>俊和 - 中國中鐵聯營 CHUN WO - CRGL JOINT VENTURE</p>	<p>Remaining Level of Effort</p> <p>Actual Level of Effort</p> <p>Actual Work</p> <p>Remaining Work</p> <p>Critical Remaining Work</p>	<p>Milestone</p> <p>Summary</p>	<p>CEDD CONTRACT NO. HK/2009/02</p> <p>Wan Chai Development Phase II - Central Wan Chai Bypass at Wan Chai East (Contract 2)</p> <p>Revised Programme dated 7 April 2011</p>				Date	Revision	Checked	Approved
			07-Apr-11		KT	KY				