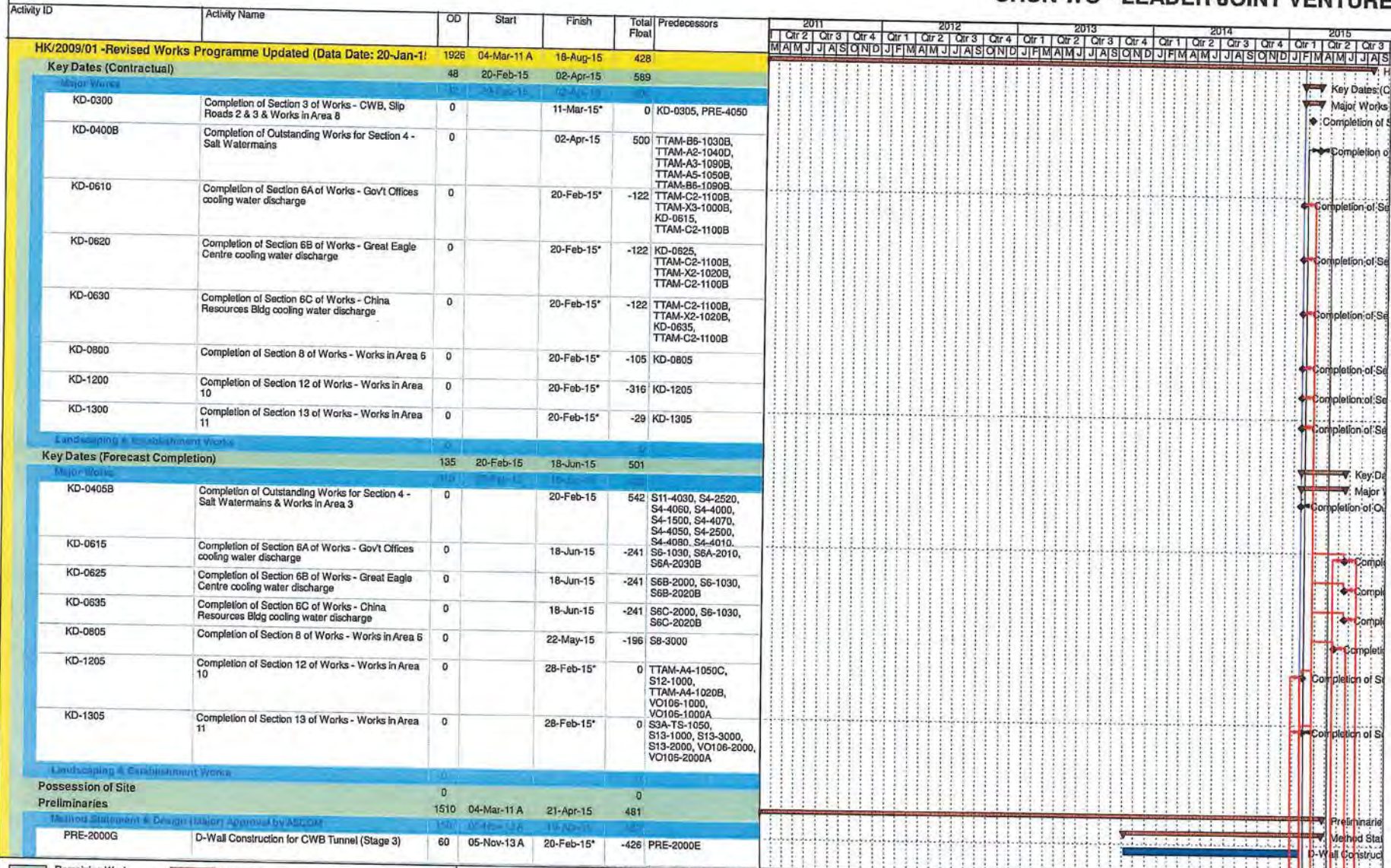


CEDD CONTRACT HK/2009/01

CHUN WO - LEADER JOINT VENTURE



- Remaining Work
- Actual Work
- Summary Bar
- Critical Remaining Work
- Milestone
- Summary
- Summary Bar

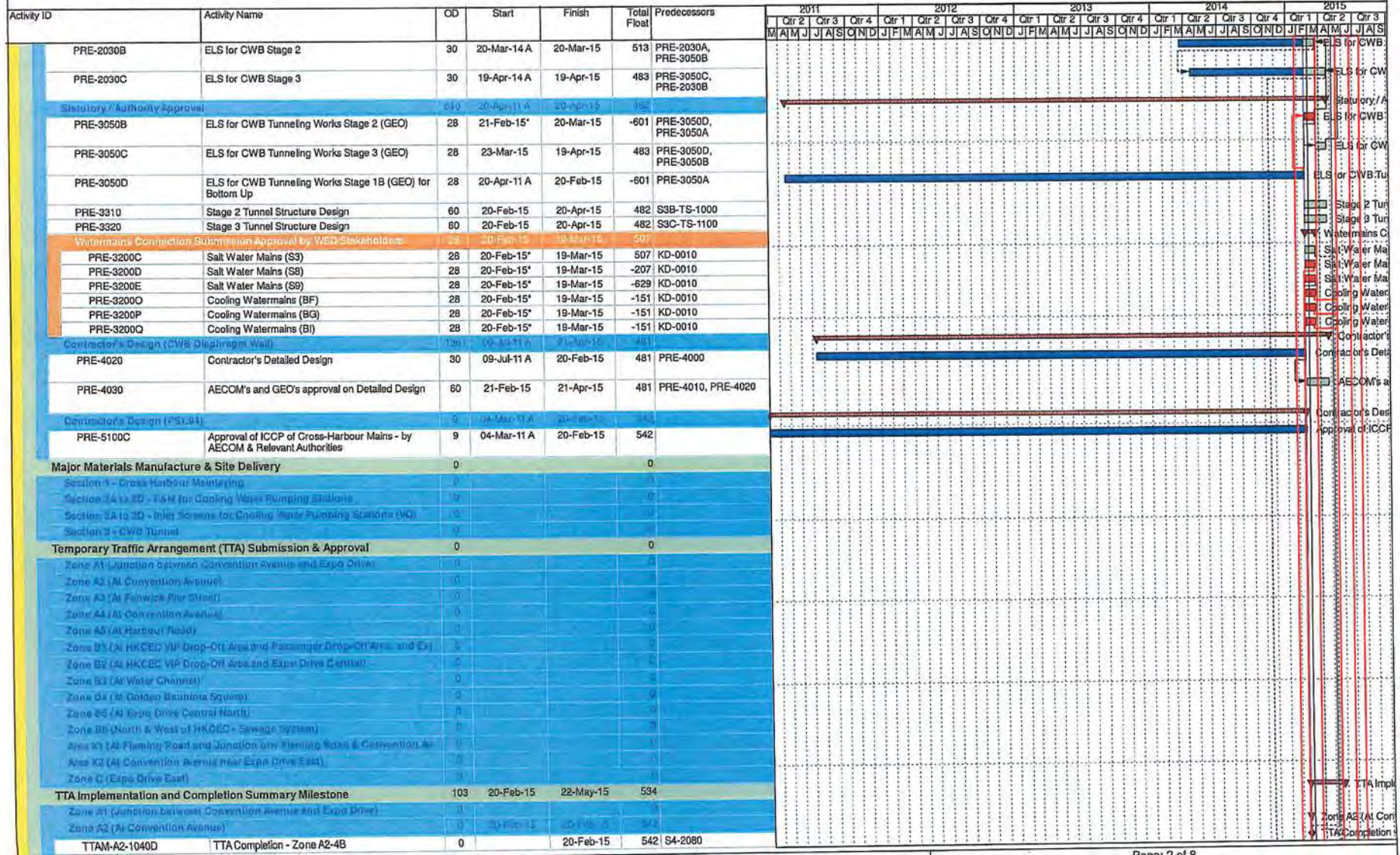
CEDD CONTRACT NO. HK/2009/01

Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)

WORK PROGRAMME Rev. 6E 3mths Rolling Programme (Data Date on:20-Feb-15)

CEDD CONTRACT HK/2009/01

CHUN WO - LEADER JOINT VENTURE









- Remaining Work
- Actual Work
- Summary Bar
- Critical Remaining Work
- Milestone
- Summary
- Summary Bar

Activity ID	Activity Name	OD	Start	Finish	Total Float	Predecessors	Schedule																											
							2011				2012				2013				2014				2015											
							Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1				
Testing and Commissioning S4-1520 Connection to Existing Mains (S8B) 7 20-Mar-15 28-Mar-15 -207 S4-1510, TP-1210, TP-1200, PRE-3200D S9 (DN450) Salt Watermains & Sewer 7 20-Mar-15 28-Mar-15 -207 Testing and Commissioning S4-2520 Connection to Existing Mains (S9) 7 20-Mar-15 26-Mar-15 507 S4-2510, PRE-3200E, TP-1110 Stormwater Drainage 0 Sewage System for Re-Provisioned Cooling Water Pumping Station 0 Section 5 of the Works - Works in Area 7 & Pipe Pile Wall P2 0 Section 6A of the Works - Cooling Water Discharge System (3 nos. Govt T 455 20-Jan-14 A 17-Jun-15 -241 S6A-1100 Over CWB - CHBF (92m) 7 21-May-15 27-May-15 -241 S3C-TS-2160, S9-1050 S6A-1200 Zone X1-1 - CHBF (11m) 21 19-Apr-15 09-May-15 -223 TTAM-X3-1030A, TTAM-X3-1000A, S4-1000 S6A-1210 Zone X1-2 - CHBF (5m) 21 19-Apr-15 09-May-15 -223 TTAM-AA-1120B S6A-1220 Zone X1-3 - CHBF (7m) 21 02-May-15 22-May-15 -236 S6A-1230 S6A-1230 Zone X1-4A - CHBF (21m) & S3 (21m) Connection Point 24 20-Jan-14 A 01-May-15 -236 TTAM-X3-1030A S6A-1240 Zone C3-1 - CHBF (16m) Test and Connection Point 60 22-Jun-14 A 22-May-15 -236 TTAM-C3-1000A Testing & Commissioning S6A-2010 CCTV & Pressure Test of CHBF 7 28-May-15 03-Jun-15 -241 S6A-1100, S6A-1050, S6A-1040, S6A-1200, S6A-1020, S6A-1030, S6A-1240, S6A-1210, S6A-1010, S6A-1230 S6A-2020 Cleaning & Sterilization of CHBF 7 04-Jun-15 10-Jun-15 -241 S6A-2010 S6A-2030A Future Connection to Existing Mains (CHBF) at temporary water channel 7 11-Jun-15 17-Jun-15 -241 S6A-2020 S6A-2030B Permanent Diversion of Discharge Water to Proposed Discharge Main 0 17-Jun-15 -241 S6A-2020, S6A-2010, TP-1310, TP-1350, S6A-2030A, PRE-3200C Section 6B of the Works - Cooling Water Intake & Discharge System (Gre 344 22-Jun-14 A 17-Jun-15 -241 S6B-1100 Over CWB - CHBG (92m) 7 21-May-15 27-May-15 -241 S3C-TS-2160, S9-1050 S6B-1220 Zone C3-1 - CHBG (16m) Test and Connection Point 60 22-Jun-14 A 22-May-15 -236 TTAM-C3-1000A Testing & Commissioning S6B-2000 CCTV & Pressure Test of CHBG 7 28-May-15 03-Jun-15 -241 S6B-1020, S6B-1220, S6B-1200A, S6B-1210, S6B-1200, S6B-1020A, S6B-1000, S6B-1010, S6B-1030, S6B-1050 S6B-2010 Cleaning & Sterilization of CHBG 7 04-Jun-15 10-Jun-15 -241 S6B-2000 S6B-2020A Future Connection to Existing Mains (CHBG) at temporary water channel 7 11-Jun-15 17-Jun-15 -241 S6B-2010 S6B-2020B Permanent Diversion of Discharge Water to Proposed Discharge Main 0 17-Jun-15 -241 S6B-2020A, PRE-3200P Section 6C of the Works - Cooling Water Discharge System (China Resou 344 22-Jun-14 A 17-Jun-15 -241 S6C-1100 Over CWB - CHBI (100m) 7 21-May-15 27-May-15 -241 S3C-TS-2160, S9-1050 S6C-1600 Zone C3-1 - CHBI (16m) Test and Connection Point 60 22-Jun-14 A 22-May-15 -236 TTAM-C3-1000A Testing & Commissioning 21 26-Mar-15 26-Mar-15 -241																																		

- Remaining Work
- Actual Work
- Summary Bar
- Critical Remaining Work
- Milestone
- Summary
- Summary Bar

CEDD CONTRACT NO. HK/2009/01
 Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)
 WORK PROGRAMME Rev. 6E 3mths Rolling Programme (Data Date on:20-Feb-15)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																	
						March			April			May			June								
						08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21		
3MRP - March 2015 to June 2015																							
02 - PRE-CONSTRUCTION WORKS																							
02.3 - Method Statement / Shop Drawings																							
0230-1380	MS Landscape Deck Structure - Submission	28	20-Mar-15	16-Apr-15	854																		
0230-1390	MS Landscape Deck Structure - ER Review & Comment	28	17-Apr-15	14-May-15	854																		
0230-1400	MS Landscape Deck Structure - Resubmission	28	15-May-15	11-Jun-15	854																		
0230-1611	MS Noise Semi Enclosure - Submission	60	20-Mar-15	18-May-15	256																		
0230-1612	MS Noise Semi Enclosure - ER Review / Comment	28	19-May-15	15-Jun-15	256																		
0230-1690	MS Approach Ramp - ER Approval	14	01-Feb-15 A	02-Apr-15	289																		
A10110	MS for Partition Walls and outstanding columns at APS Basement - ER No Adverse Comment	9	01-Feb-15 A	28-Mar-15	7																		
A10520	MS EVB Basement & Mezzanine Construction - No Adverse Comment	14	04-Apr-15	17-Apr-15	26																		
A10640	MS for Demolition of existing Westbound Bridge - Submission	7	20-Feb-15 A	26-Mar-15	2																		
A10650	MS Demolition of existing Westbound Bridge - ER Review / Comment	14	27-Mar-15	09-Apr-15	2																		
A10660	MS Demolition of existing Westbound Bridge - Resubmission	14	10-Apr-15	23-Apr-15	2																		
A10670	MS Demolition of existing Westbound Bridge - No Adverse Comment	14	24-Apr-15	07-May-15	2																		
A10680	MS for Connection of EVB and EVA - Submission	10	10-Mar-15 A	29-Mar-15	1																		
A10690	MS for Connection of EVB and EVA - ER Review & Comment	12	30-Mar-15	10-Apr-15	1																		
A10700	MS for Connection of EVB and EVA - Resubmission	6	11-Apr-15	16-Apr-15	1																		
A10710	MS for Connection of EVB and EVA - ER No Adverse Comment	10	17-Apr-15	26-Apr-15	1																		
A5940	MS for Temporary Steel Tower under existing W/B Bridge - ER No Adverse Comment	2	15-Feb-15 A	21-Mar-15	54																		
A7580	MS Temporary Bridge TA2 - Resubmission	3	16-Mar-15 A	22-Mar-15	3																		
A7590	MS Temporary Bridge TA2 - ER No Adverse Comment	6	23-Mar-15	28-Mar-15	3																		
A8931	MS for installation of Temporary JTI sign gantry- Submission	0	10-Mar-15 A	15-Mar-15 A																			
A8941	MS for installation of Temporary JTI sign gantry - ER Review & Comment	0	16-Mar-15 A	19-Mar-15 A																			
A8951	MS for installation of Temporary JTI sign gantry - Resubmission	5	20-Mar-15	24-Mar-15	18																		
A8961	MS for installation of Temporary JTI sign gantry - ER No Adverse Comment	5	25-Mar-15	29-Mar-15	18																		
02.4 - Contractor's Design and Build Items																							
0240-1113	Noise Enclosure Structural - Shop Drawings	0	02-Jan-14 A	20-Mar-15	172																		
0240-1180	HGHK Permanent Carpark Design - ER/HGHK Review and Comment	80	20-Mar-15	07-Jun-15	32																		
0240-1270	Landscaping Design - Submission	90	20-Mar-15*	17-Jun-15	700																		
A5890	Temp Bridge "TA2" Design (Foundation & Structure) - ER No Adverse Comment	2	01-Dec-14 A	22-Mar-15	4																		
A5900	Temp Bridge "TA2" - Fabrication	2	01-Dec-14 A	22-Mar-15	4																		
A8991	Design for Trial Panels > Green Roof & Wall- ER No Adverse Comment	21	20-Mar-15	09-Apr-15	0																		
A9001	Design for Trial Panels > Green Roof & Wall - Fabrication	48	10-Apr-15	27-May-15	0																		
02.5 - Bridge Segment/Beam Off-site Precasting																							
0250-1720.19	Precast Beam Bridge C1 2021-C	4	26-Jan-15 A	23-Mar-15	292																		
0250-1720.20	Precast Beam Bridge C1 2122-A	18	11-Feb-15 A	06-Apr-15	278																		
0250-1720.21	Precast Beam Bridge C1 2122-B	18	12-Feb-15 A	06-Apr-15	278																		
0250-1720.22	Precast Beam Bridge C1 2122-C	18	12-Feb-15 A	06-Apr-15	45																		
0250-1720.23	Precast Beam Bridge C1 2122-D	18	07-Apr-15	24-Apr-15	242																		
0250-1720.25	Precast Beam Bridge C1 2122-E	18	25-Apr-15	12-May-15	242																		
0250-1720.26	Precast Beam Bridge C1 2122-F	18	13-May-15	30-May-15	242																		
0250-1720.27	Precast Beam Bridge E E3E2-A	18	20-Mar-15	06-Apr-15	45																		
0250-1720.28	Precast Beam Bridge E E3E2-B	18	07-Apr-15	24-Apr-15	45																		
0250-1720.29	Precast Beam Bridge E E3E2-C	18	25-Apr-15	12-May-15	45																		
0250-1720.30	Precast Beam Bridge E E4E3-A	18	13-May-15	30-May-15	45																		
0250-1720.31	Precast Beam Bridge E E4E3-B	18	31-May-15	17-Jun-15	45																		
0250-2070	Bridge F1C Pier 36 T-span Segment Off-site Casting (13 nos.)	31	20-Mar-15	19-Apr-15	263																		

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

Contract HY/2009/19

Three Months Rolling Programme (20 March to 19 June 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																	
						March			April			May			June								
						08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21		
0250-2080	Bridge F1C Pier 37 T-span Segment Off-site Casting (11 nos.)	27	20-Apr-15	16-May-15	263																		
0250-2090	Bridge F1C Abut D12 End-span Segment Off-site Casting (7 nos.)	22	20-Mar-15	10-Apr-15	272																		
0250-2100	Bridge F1C Pier 38 End-span Segment Off-site Casting (6 nos.)	19	11-Apr-15	29-Apr-15	280																		
0250-2110	Bridge F2C Pier 39 T-span Segment Off-site Casting (13 nos.)	9	11-Jan-15 A	29-Mar-15	334																		
0250-2120	Bridge F2C Pier 38 End-span Segment Off-site Casting (5 nos.)	10	09-Jan-15 A	29-Mar-15	272																		
0250-2130	Bridge F2C Pier 40 End-span Segment Off-site Casting (5 nos.)	0	09-Feb-15 A	10-Mar-15 A																			
0250-2140	Bridge F3C Pier 41 T-span Segment Off-site Casting (13 nos.)	31	02-May-15	01-Jun-15	300																		
0250-2160	Bridge F3C Pier 40 End-span Segment Off-site Casting (5 nos.)	16	17-May-15	01-Jun-15	281																		
0250-2170	Bridge F3C Pier 43 End-span Segment Off-site Casting (6 nos.)	19	02-Jun-15	20-Jun-15	281																		
A2410	Completion of Beam Off-Site Pre casting (Pier 17 - 20)	0		30-May-15	200																		

03 - PRELIMINARY WORKS

03.3 - Interface Works

0330-1100	Temporary Relocate FEHD On top of Tunnel (Portion IA)	12	01-Apr-15	17-Apr-15	114																	
A7630.1	TTA for Relocation of Cul-De-Sac > Stage 2	10	06-Mar-15 A	31-Mar-15	91																	
A7631	Relocation of Cul-De-Sac > Excavate & install Manhole > Stage 2	0	06-Mar-15 A	18-Mar-15 A																		
A7631.1	Relocation of Cul-De-Sac > Backfilling > Stage 2	2	18-Mar-15 A	21-Mar-15	93																	
A7631.2	Relocation of Cul-De-Sac > Sheetpile Removal > Stage 2	2	22-Mar-15	23-Mar-15	116																	
A7631.3	Relocation of Cul-De-Sac > Paving Preparation > Stage 2	2	23-Mar-15	25-Mar-15	94																	
A7631.4	Relocation of Cul-De-Sac > Concreting of Pavement + Testing > Stage 2	2	25-Mar-15	27-Mar-15	94																	
A7631.5	Relocation of Cul-De-Sac > Asphalt paving > Stage 2	3	01-Apr-15	07-Apr-15	91																	
A7632	TTA for Relocation of Cul-De-Sac > Stage 3	20	08-Apr-15	30-Apr-15	91																	
A7632.12	Relocation of Cul-De-Sac > Opening of Existing Pavement > Stage 3	2	09-Apr-15	10-Apr-15	91																	
A7632.13	Relocation of Cul-De-Sac > Drive sheetpile & Erect Copperdam > Stage 3	1	11-Apr-15	11-Apr-15	110																	
A7632.14	Relocation of Cul-De-Sac > Excavation + Blinding > Stage 3	2	12-Apr-15	13-Apr-15	110																	
A7632.15	Relocation of Cul-De-Sac > Lay Granular Bedding > Stage 3	1	13-Apr-15	14-Apr-15	92																	
A7632.16	Relocation of Cul-De-Sac > Lay 450, 750 and 1200 drain > Stage 3	3	14-Apr-15	17-Apr-15	92																	
A7632.17	Relocation of Cul-De-Sac > Cast Manhole Benching (2nos) > Stage 3	2	17-Apr-15	20-Apr-15	92																	
A7632.18	Relocation of Cul-De-Sac > Erect Formwork and Cast Manhole (2nos)> Stage 3	2	20-Apr-15	22-Apr-15	92																	
A7632.19	Relocation of Cul-De-Sac > Backfilling > Stage 3	3	22-Apr-15	25-Apr-15	92																	
A7632.21	Relocation of Cul-De-Sac > Concreting of Pavement + Testing > Stage 3	1	25-Apr-15	27-Apr-15	92																	
A7632.22	Relocation of Cul-De-Sac > Asphalt paving > Stage 3	3	27-Apr-15	30-Apr-15	92																	
A7634	Relocation Cul-De-Sac	0		30-Apr-15	92																	
A9200	Installation of JTI Gantry - Footing(Nosing)	0	10-Mar-15 A	14-Mar-15 A																		
A9201	Installation of JTI Gantry - Install Holding down Bolts	0	10-Mar-15 A	13-Mar-15 A																		
A9202.1	Auto Toll and HKE Commissioning	0	20-Jan-15 A	15-Mar-15 A																		
A9203	Installation of JTI Gantry - Erection of Sign Gantry	5	16-Mar-15 A	25-Mar-15	12																	
A9204	Installation of JTI Gantry - Install Sign Board	2	26-Mar-15	27-Mar-15	13																	
A9205	Installation of JTI Gantry - Install Lightings	2	28-Mar-15	30-Mar-15	13																	
A9205.1	Reinstatement of Pavement (Connection of HKEC)	5	26-Mar-15	31-Mar-15	12																	

05 - SECTION 2 & 2A OF THE WORKS

05.1 - Cut & Cover Tunnel Ch 4855-4932 (APS Footprint)

05.1.1 - D-Wall Construction

A5990	D-Wall Interface Coring	14	20-Mar-15*	08-Apr-15	40																		
A6000	D-Wall Grouting/Pressure Grouting	3	09-Apr-15	11-Apr-15	40																		
05.1.3 - APS & Tunnel Structure																							
0513-1316	APS Bay 17 Col - (Reb. Fix + Concrete)	2	11-Mar-15 A	21-Mar-15	55																		
0513-1530	Tunnel Bay 17 -Tunnel Roof - Steel Fixing	0	19-Feb-15 A	07-Mar-15 A																			
0513-1540	Tunnel Bay 17 -Tunnel Roof - (Concrete)	0	08-Mar-15 A	08-Mar-15 A																			
A3800	Tunnel Bay 20 -Tunnel Roof - Steel Fixing	0	12-Mar-15 A	12-Mar-15 A																			

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

Contract HY/2009/19

Three Months Rolling Programme (20 March to 19 June 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																	
						March				April				May				June					
						08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21		
A3810	Tunnel Bay 20 -Tunnel Roof - (Concrete)	0	13-Mar-15 A	13-Mar-15 A		I Tunnel Bay 20 -Tunnel Roof - (Concrete)																	
A3813	APS Bay 21 Col - (Reb. Fix + Concrete)	2	11-Mar-15 A	21-Mar-15	69	■ APS Bay 21 Col - (Reb. Fix + Concrete)																	
A3990	Tunnel Bay 21 -Tunnel Roof - Steel Fixing	0	14-Feb-15 A	12-Mar-15 A		■ Tunnel Bay 21 -Tunnel Roof - Steel Fixing																	
A4000	Tunnel Bay 21 -Tunnel Roof - (Concrete)	0	13-Mar-15 A	13-Mar-15 A		I Tunnel Bay 21 -Tunnel Roof - (Concrete)																	
A4000.1	Tunnel Bay 21 -Tunnel Roof - Steel Fixing - Remaining Works	14	20-Mar-15	02-Apr-15	56	■ Tunnel Bay 21 -Tunnel Roof - Steel Fixing - Remaining Works																	
A4000.2	Tunnel Bay 21 -Tunnel Roof - (Concrete) - Remaining Works	1	03-Apr-15	03-Apr-15	56	■ Tunnel Bay 21 -Tunnel Roof - (Concrete) - Remaining Works																	
A5414	APS Basement (Bay 21-North) - Staircase - Falseworks/Formworks	8	09-Mar-15 A	30-Mar-15	6	■ APS Basement (Bay 21-North) - Staircase - Falseworks/Formworks																	
A5424	APS Basement (Bay 21-North) - Staircase - Rebar-Fixing + Concreting	14	30-Mar-15	18-Apr-15	6	■ APS Basement (Bay 21-North) - Staircase - Rebar-Fixing + Concreting																	
A5425	APS Basement (Bay 21-North) - Partition wall	14	20-Mar-15	08-Apr-15	15	■ APS Basement (Bay 21-North) - Partition wall																	
A5426	APS Basement (Bay 21-South) - Staircase - Falseworks/Formworks	12	18-Apr-15	04-May-15	6	■ APS Basement (Bay 21-South) - Staircase - Falseworks/Formworks																	
A5427	APS Basement (Bay 21South) - Staircase - Rebar-Fixing + Concreting	14	04-May-15	20-May-15	8	■ APS Basement (Bay 21South) - Staircase - Rebar-Fixing + Concreting																	
A5427.1	APS Basement (Bay 21-South) - Partition wall	14	18-Apr-15	06-May-15	6	■ APS Basement (Bay 21-South) - Partition wall																	
A5427.2	APS Basement (Bay 20) - Partition wall	14	18-Apr-15	06-May-15	6	■ APS Basement (Bay 20) - Partition wall																	
A5427.3	APS Basement (Bay 19) - Partition wall	14	06-May-15	22-May-15	6	■ APS Basement (Bay 19) - Partition wall																	
A5427.4	APS Basement (Bay 18) - Partition wall	10	09-Mar-15 A	31-Mar-15	19	■ APS Basement (Bay 18) - Partition wall																	
A5427.5	APS Basement (Bay 17) - Partition wall	10	09-Mar-15 A	31-Mar-15	47	■ APS Basement (Bay 17) - Partition wall																	
A5427.6	BHW Coring at C15 & C19 Interface	0	06-Feb-15 A	02-Mar-15 A		W Coring at C15 & C19 Interface																	
A5454	Vertical Saw Cutting of BHW @ 9M(H) X 32M(L)	3	03-Mar-15 A	23-Mar-15	5	■ Vertical Saw Cutting of BHW @ 9M(H) X 32M(L)																	
A5465	Horizontal Saw Cutting of BHW @ 9M(H) X 32M(L)	8	16-Mar-15 A	28-Mar-15	0	■ Horizontal Saw Cutting of BHW @ 9M(H) X 32M(L)																	
A5474	Removal of BHW Saw Cutted Blocks	10	30-Mar-15	13-Apr-15	0	■ Removal of BHW Saw Cutted Blocks																	
A5484	Removal of BHW > Prepare CJ By Breaker Machine	4	14-Apr-15	17-Apr-15	0	■ Removal of BHW > Prepare CJ By Breaker Machine																	
A5495.1	Complete In situ Stitch	5	18-Apr-15	23-Apr-15	0	■ Complete In situ Stitch																	
A5496	Complete Centerwall	10	24-Apr-15	06-May-15	0	■ Complete Centerwall																	
A5497	Complete OHVD	10	07-May-15	18-May-15	0	■ Complete OHVD																	
A5498	Complete Tunnel Roof	10	19-May-15	29-May-15	0	■ Complete Tunnel Roof																	
A5830	Completion of Outstanding Works at APS & Tunnel	0		29-May-15	0	◆ Completion of Outstanding Works																	
05.1.4 - Tunnel Structure																							
A5393	Tunnel Bay 16 -Tunnel Roof - Steel Fixing	0	14-Feb-15 A	07-Mar-15 A		■ Tunnel Bay 16 -Tunnel Roof - Steel Fixing																	
A5394	Tunnel Bay 16 -Tunnel Roof - (Concrete)	0	08-Mar-15 A	08-Mar-15 A		I Tunnel Bay 16 -Tunnel Roof - (Concrete)																	
A5395	Weak Seam Rectification works for sub-standard D-Wall	8	10-Mar-15 A	30-Mar-15	48	■ Weak Seam Rectification works for sub-standard D-Wall																	
A5396	Complete Tunnel Roof	0		20-Mar-15	0	◆ Complete Tunnel Roof																	
05.1.5 - EVB Sub-structure & Tunnel																							
A10530	Tunnel Roadside/Profile Barrier and Cable Trough Portion IB & ID > Bay 14-16	14	20-Mar-15	08-Apr-15	1	■ Tunnel Roadside/Profile Barrier and Cable Trough Portion IB & ID > Bay 14-16																	
A10540	Tunnel Roadside/Profile Barrier and Cable Trough Portion IB & ID > Bay 16-19	14	09-Apr-15	24-Apr-15	1	■ Tunnel Roadside/Profile Barrier and Cable Trough Portion IB & ID > Bay 16-19																	
A5513	Tunnel Roadside/Profile Barrier and Cable Trough Portion IB & ID > Bay 19-21	14	25-Apr-15	12-May-15	1	■ Tunnel Roadside/Profile Barrier and Cable Trough Portion IB & ID > Bay 19-21																	
A5514	Tunnel Roadside/Profile Barrier and Cable Trough Portion IVIIB & IXB	14	13-May-15	29-May-15	1	■ Tunnel Roadside/Profile Barrier and Cable Trough Portion IVIIB & IXB																	
A5524	EVB Basement (Zone A1) - Partition Wall (Reb. Fix + Concreting) > CH4850-CH4875	14	07-Apr-15	22-Apr-15	74	■ EVB Basement (Zone A1) - Partition Wall (Reb. Fix + Concreting) > CH4850-CH4875																	
A5534	EVB Basement (Zone A1) - Staircase-2nos.(Reb. Fix + Concreting) >CH4850-CH4875	14	23-Apr-15	09-May-15	130	■ EVB Basement (Zone A1) - Staircase-2nos.(Reb. Fix + Concreting) >CH4850-CH4875																	
A5544	EVB Basement (Zone A2) - Partition Wall (Reb. Fix + Concreting)> CH4875-CH4900	14	11-May-15	26-May-15	130	■ EVB Basement (Zone A2) - Partition Wall (Reb. Fix + Concreting)> CH4875-CH4900																	
A5554	EVB Basement (Zone A2) - Staircase-1nos.(Reb. Fix + Concreting)> CH4875-CH4900	14	27-May-15	11-Jun-15	130	■ EVB Basement (Zone A2) - Staircase-1nos.(Reb. Fix + Concreting)> CH4875-CH4900																	
A5564	EVB Basement (Zone B1) - Partition Wall (Reb. Fix + Concreting)> CH4900-CH4920	14	12-Jun-15	29-Jun-15	130	■ EVB Basement (Zone B1) - Partition Wall (Reb. Fix + Concreting)> CH4900-CH4920																	
A5744	EVB Mezzanine (Zone A1) - (Reb. Fix + Concreting)> CH4850-CH4875	14	23-Apr-15	09-May-15	74	■ EVB Mezzanine (Zone A1) - (Reb. Fix + Concreting)> CH4850-CH4875																	
A5754	EVB Mezzanine (Zone A1) - Staircase-2nos.(Reb. Fix + Concreting)> CH4850-CH4875	14	11-May-15	26-May-15	74	■ EVB Mezzanine (Zone A1) - Staircase-2nos.(Reb. Fix + Concreting)> CH4850-CH4875																	
A5764	EVB Mezzanine (Zone A2) - (Reb. Fix + Concreting)> CH4875-CH4900	14	27-May-15	11-Jun-15	74	■ EVB Mezzanine (Zone A2) - (Reb. Fix + Concreting)> CH4875-CH4900																	
A5784	EVB Mezzanine (Zone B1) - Partition Wall (Reb. Fix + Concreting)> CH4900-CH4920	14	12-Jun-15	29-Jun-15	74	■ EVB Mezzanine (Zone B1) - Partition Wall (Reb. Fix + Concreting)> CH4900-CH4920																	
05.2 - Cut & Cover Tunnel Ch 4932-5149																							
05.2.3 - ELS																							
A10400	Tunnel Bay 1 & 2 Duct room wall steam	7	13-Mar-15 A	26-Mar-15	64	■ Tunnel Bay 1 & 2 Duct room wall steam																	
A4192	Pump Sump E - Storm Water Room Collection	7	20-Mar-15	26-Mar-15	64	■ Pump Sump E - Storm Water Room Collection																	

- Remaining Level of Effort ◆ ◆ Milestone
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Three Months Rolling Programme (20 March to 19 June 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																	
						March			April			May			June								
						08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21		
05.2.4 - Tunnel Structure																							
0524-2535	Waterproof Top Slab Bay 1 to Bay 4	2	20-Mar-15	21-Mar-15	117																		
05.2.5 - Road & Miscellaneous Works																							
0525-2882	Backfill above Tunnel Structure Bay 1 to Bay 4	5	23-Mar-15	27-Mar-15	117																		
0525-2900	Tunnel Roadside/Profile Barrier (excl vent bldg)	27	05-Aug-14 A	15-Apr-15	44																		
0525-2940	Backfill above Tunnel Structure Bay 5 to Bay 9	0	28-Nov-14 A	17-Mar-15 A																			
A10410	Paving Bay 13 - 5	0	16-Feb-15 A	19-Mar-15 A																			
A10420	Paving Bay 4 - 1	3	26-Mar-15	28-Mar-15	151																		
A10430	Drainage Bay 13 - 5	0	23-Feb-15 A	16-Mar-15 A																			
A10440	Drainage Bay 4 - 1	14	23-Mar-15	05-Apr-15	1631																		
A10450	Provisioning of Carwash Machine - Temp FEHD	10	20-Mar-15	31-Mar-15	114																		
A10460	Road & Carpark Marking - Temp. FEHD	5	18-Mar-15 A	07-Apr-15	123																		
A10470	Lighting - Temp FEHD	5	20-Mar-15	25-Mar-15	119																		
A10480	Portal Wall at top of tunnel	0	09-Feb-15 A	25-Feb-15 A																			
A10527	Remove Tunnel Falseworks Bay 14-16	7	20-Mar-15	27-Mar-15	8																		
A10528	Remove Tunnel Falseworks Bay 16-19	7	24-Mar-15	31-Mar-15	16																		
A10529	Remove Tunnel Falseworks Bay 19-21	7	27-Mar-15	07-Apr-15	16																		
A10589.2	Remedial Works - Bay 9 OHVD - WestBound	10	20-Mar-15	31-Mar-15	47																		
A10589.6	Remedial Works - Concrete Repair Works > Honeycombs/laitance, etc.	2	09-Mar-15 A	21-Mar-15	43																		
A10589.7	Waterproofing of D-Walls Bay 1-13	10	20-Mar-15	31-Mar-15	43																		
A10589.8	Waterproofing of D-Walls Bay 14-21	14	20-Mar-15	08-Apr-15	43																		
A10590	Complete Remaining work at C/C Tunnel	0		08-Apr-15	43																		
06 - SECTION 3 OF THE WORKS																							
06.2 - Box Culvert U1																							
A9180	In-Situ Testing of Drainage Pipe	7	19-Jan-15 A	27-Mar-15	37																		
06.3 - Admin Building																							
0630-3119.24	Grd. Beam - (GL > G2-K6) - Rebar Fixing (Grd. Beam & Pile Cap)	1	03-Mar-15 A	20-Mar-15	47																		
0630-3119.25	Grd. Beam - (GL > G2-K6) - Erect Formworks (Grd. Beam & Pile Cap)	6	20-Mar-15	27-Mar-15	47																		
0630-3119.26	Grd. Beam - (GL > G2-K6) - Concreting (Grd. Beam & Pile Cap)	1	27-Mar-15	28-Mar-15	47																		
0630-3119.27	Grd. Beam - (GL > G2-K6) - Formworks, sheet-Pile Removal and Backfill	5	28-Mar-15	07-Apr-15	47																		
0630-3119.84	Grd. Beam - (GL > A1-B6) - Install Capping Plate	0	06-Mar-15 A	20-Mar-15	27																		
0630-3119.85	Grd. Beam - (GL > A1-B6) - Rebar Fixing (Grd. Beam & Pile Cap) + Formworks	6	20-Mar-15	26-Mar-15	27																		
0630-3119.86	Grd. Beam - (GL > A1-B6) - Concreting (Grd. Beam & Pile Cap)	7	27-Mar-15	02-Apr-15	35																		
0630-3119.87	Grd. Beam - (GL > A1-B6) - Formworks, Sheet-Pile Removal and Backfill	6	02-Apr-15	13-Apr-15	26																		
0630-3121.49	Grd. Beam - (GL > P3-R6) - Back Fill	0	07-Feb-15 A	06-Mar-15 A																			
08 - SECTION 5 WORK																							
08.1 - Retaining Wall 'F' Substructure																							
A7671	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40a	0	07-Feb-15 A	04-Mar-15 A																			
A7672	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40b	0	30-Jan-15 A	06-Mar-15 A																			
A7673	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS41a	0	04-Feb-15 A	06-Mar-15 A																			
A7740.1	Retaining Wall F Pre-Bored H-Pile - H - Installing H-Pile > BS45a	0	31-Dec-14 A	24-Feb-15 A																			
A7740.2	Retaining Wall F Pre-Bored H-Pile - H - Extract H-Pile due to Collapse of soil > BS45a	0	25-Feb-15 A	03-Mar-15 A																			
A7740.3	Retaining Wall F Pre-Bored H-Pile - H - Grout plug > BS45a	0	04-Mar-15 A	06-Mar-15 A																			
A7740.4	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS45a	5	06-Mar-15 A	25-Mar-15	331																		
A7791	Retaining Wall F Pre Bored - H > Pile Testing	18	26-Mar-15	18-Apr-15	331																		
A7792.1	Construction of pile cap for Retaining Wall F > C4-1	8	20-Apr-15	28-Apr-15	331																		
A7792.2	Construction of pile cap for Retaining Wall F > C4-2	8	29-Apr-15	08-May-15	331																		
A7792.3	Construction of pile cap for Retaining Wall F > C5-1	8	09-May-15	18-May-15	331																		
A7792.4	Construction of pile cap for Retaining Wall F > C5-2	8	19-May-15	27-May-15	331																		

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Three Months Rolling Programme (20 March to 19 June 2015)






Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																	
						March			April			May			June								
						08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21		
A7792.5	Construction of pile cap for Retaining Wall F > C5-3	8	28-May-15	05-Jun-15	331													Construction of pile cap fo					
A7792.6	Construction of pile cap for Retaining Wall F > C5-4	8	06-Jun-15	15-Jun-15	331													Construction					
A7800	Complete Pre-Bored H-Pile > Retaining Wall	0		25-Mar-15	331													◆ Complete Pre-Bored H-Pile > Retaining Wall					
09 - SECTION 6 OF THE WORKS																							
09.2 - Westbound - Pier 26-27																							
0920-2110	Pier 26-2 Pre-Bored H-Piles	6	07-Feb-15 A	26-Mar-15	145													Pier 26-2 Pre-Bored H-Piles					
0920-2111	Pier 26-1 Pre-Bored H-Piles	8	09-Mar-15 A	30-Mar-15	145													Pier 26-1 Pre-Bored H-Piles					
0920-2112	Pier 26-3 Pre-Bored H-Piles	12	30-Mar-15	16-Apr-15	145													Pier 26-3 Pre-Bored H-Piles					
0920-2113	Pier 26-4 Pre-Bored H-Piles	12	16-Apr-15	30-Apr-15	145													Pier 26-4 Pre-Bored H-Piles					
10 - SECTION X OF THE WORKS																							
10.1 - E/B Bridges (Bridge D, E and F)																							
10.1.1 - Marine Pier Construction																							
Pier F01 to F02																							
1011-2900	F1B Pier/Column Construction	12	20-Mar-15	02-Apr-15	617													F1B Pier/Column Construction					
1011-2910	F1B Crosshead Construction	18	07-Apr-15	27-Apr-15	617													F1B Crosshead Construction					
1011-2930	Bearing installation pier F1B/F2B	12	28-Apr-15	12-May-15	617													Bearing installation pier F1B/F2B					
10.1.3 - E/B Bridge Construction																							
All E/B Bridges (Common)																							
1013-1720	Permanent Noise Barrier Type B1 E/B Bridge Ch 962-1059 (132m)	0	02-Dec-14 A	09-Mar-15 A														Permanent Noise Barrier Type B1 E/B Bridge Ch 962-1059 (132m)					
1013-1730	Permanent Noise Barrier Type A1 E/B Bridge Ch 826-962 (136m)	0	05-Dec-14 A	17-Mar-15 A														Permanent Noise Barrier Type A1 E/B Bridge Ch 826-962 (136m)					
A7621	Remaining E/B Bridges Bitumin Paving Works + Marking - Bridge D1 & D2	0	18-Mar-15 A	19-Mar-15 A														Remaining E/B Bridges Bitumin Paving Works + Marking - Bridge D1 & D2					
10.1.4 - Bridge E / Hing Fat Slip Road																							
Bridge Construction																							
A9260	Bridge E (Pier 18-19) - Rebar Fix > Diaphragm + Slab + Pipe install	0	13-Feb-15 A	26-Feb-15 A														Bridge E (Pier 18-19) - Rebar Fix > Diaphragm + Slab + Pipe install					
A9270	Bridge E (Pier 18-19) - Formworks > Slab	0	26-Feb-15 A	26-Feb-15 A														Bridge E (Pier 18-19) - Formworks > Slab					
A9280	Bridge E (Pier 18-19) - Concreting > Diaphragm + Slab	0	27-Feb-15 A	27-Feb-15 A														Bridge E (Pier 18-19) - Concreting > Diaphragm + Slab					
A9310	Bridge E (Pier 18-19) - Stitching > Reb. Fix + Concretin	0	20-Feb-15 A	16-Mar-15 A														Bridge E (Pier 18-19) - Stitching > Reb. Fix + Concretin					
A9360	Bridge E (Pier 17 - 18) - Rebar Fix > Diaphragm + Slab + Pipe install	0	17-Feb-15 A	02-Mar-15 A														Bridge E (Pier 17 - 18) - Rebar Fix > Diaphragm + Slab + Pipe install					
A9370	Bridge E (Pier 17 - 18) - Formworks > Slab	0	02-Mar-15 A	02-Mar-15 A														Bridge E (Pier 17 - 18) - Formworks > Slab					
A9380	Bridge E (Pier 17 - 18) - Concreting > Diaphragm + Slab	0	03-Mar-15 A	03-Mar-15 A														Bridge E (Pier 17 - 18) - Concreting > Diaphragm + Slab					
A9400	Bridge E (Pier 17 - 18) - Stitching > Reb. Fix + Concretin	0	17-Feb-15 A	16-Mar-15 A														Bridge E (Pier 17 - 18) - Stitching > Reb. Fix + Concretin					
A9450	Bridge E (Pier 19 - D1) - Rebar Fix > Diaphragm + Slab + Pipe install	0	18-Feb-15 A	07-Mar-15 A														Bridge E (Pier 19 - D1) - Rebar Fix > Diaphragm + Slab + Pipe install					
A9460	Bridge E (Pier 19 - D1) - Formworks > Slab	0	07-Mar-15 A	07-Mar-15 A														Bridge E (Pier 19 - D1) - Formworks > Slab					
A9470	Bridge E (Pier 19 - D1) - Concreting > Diaphragm + Slab	0	09-Mar-15 A	09-Mar-15 A														Bridge E (Pier 19 - D1) - Concreting > Diaphragm + Slab					
A9472	Bridge E (Pier E1 - D1) - Temporary L3 Parapet Railings	0	18-Feb-15 A	13-Mar-15 A														Bridge E (Pier E1 - D1) - Temporary L3 Parapet Railings					
A9500	Bridge E (Pier 16 - 19) - Lightings	1	24-Feb-15 A	20-Mar-15	1													Bridge E (Pier 16 - 19) - Lightings					
A9510	Bridge E (Pier 17 - 19) - MJ	1	18-Mar-15 A	21-Mar-15	0													Bridge E (Pier 17 - 19) - MJ					
A9520	Bridge E (Pier 17 - 19) - install pre-cast Parapet	0	06-Mar-15 A	18-Mar-15 A														Bridge E (Pier 17 - 19) - install pre-cast Parapet					
A9521	Bridge E (Pier 17 - 19) - Instatall L3 Railing/Parapet	1	18-Mar-15 A	20-Mar-15	7													Bridge E (Pier 17 - 19) - Instatall L3 Railing/Parapet					
A9540	Bridge E (Pier 17 - D1) - Drainage Gully	0	16-Mar-15 A	20-Mar-15	1													Bridge E (Pier 17 - D1) - Drainage Gully					
A9560	Bridge E (Pier 19 - D1) - Parapet	14	30-Mar-15	17-Apr-15	789													Bridge E (Pier 19 - D1) - Parapet					
A9561	Bridge E (Pier 19 - D1) - Noise Barrier > Post + Panel	14	18-Apr-15	05-May-15	789													Bridge E (Pier 19 - D1) - Noise Barrier > Post + Panel					
A9570	Bridge E (Pier 19 - D1) - Green Wall	2	06-May-15	08-May-15	789													Bridge E (Pier 19 - D1) - Green Wall					
A9590	Bridge E (Pier D1) - MJ	2	17-Mar-15 A	21-Mar-15	4													Bridge E (Pier D1) - MJ					
A9600	Bridge E (Pier 17 - D1) - Asphalting	5	21-Mar-15	26-Mar-15	0													Bridge E (Pier 17 - D1) - Asphalting					
A9610	Bridge E (Pier 17 - D1) - Road Marking	4	23-Mar-15	27-Mar-15	0													Bridge E (Pier 17 - D1) - Road Marking					
A9620	Bridge E (Pier 17 - D1) - Signage	5	20-Mar-15	25-Mar-15	2													Bridge E (Pier 17 - D1) - Signage					
10.2 - W/B Bridges (Bridge C and F)																							
10.2.2 - Bridge Construction																							

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Three Months Rolling Programme (20 March to 19 June 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																	
						March			April			May			June								
						08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21		
All W/B Bridges (Common)																							
A11770	Decommissioning of Exis. Fire mains & Fire Hyd. at Meddian Barrier	3	30-Mar-15	01-Apr-15	11																		
A11780	Installation of New Fire Mains	7	30-Mar-15	09-Apr-15	7																		
A11790	Install Temporary Lighting at Existing E/B Bridge	5	30-Mar-15	07-Apr-15	9																		
A11800	Installation of Temporary L3 Railings	5	11-Apr-15	17-Apr-15	0																		
A11810	Install Traffic Signage	1	16-Apr-15	17-Apr-15	0																		
A8060	Saw Cutting/Opening of Median Barrier at Existing W/B bridge > (Pier 15-21 & 44-49)	13	30-Mar-15	11-Apr-15	0																		
A8061	Opening of Median Barrier > (Pier 15-21 & 44-49) - Paving + Rd. marking	6	12-Apr-15	17-Apr-15	0																		
A8061.1	Saw - Cutting of Slab at W/B Bridge (Pier 26-44) - Along Meddian Beams - Part 1	23	15-Nov-14 A	18-Apr-15	10																		
A8530	Saw - Cutting of Slab at W/B Bridge (Pier 26-44) - Remaining Area - Part 2	13	20-Apr-15	02-May-15	12																		
A8540	Saw - Cutting of Slab at W/B Bridge (Pier 17-26)	7	03-May-15	09-May-15	102																		
A9820.1	Erection of Fixed Gantry - Erect Main Structure > Pier 34-35	10	20-Apr-15	30-Apr-15	105																		
A9820.2	Erection of Fixed Gantry - Erect Cantilever Structure > Pier 34-35	10	02-May-15	13-May-15	105																		
A9820.3	Erection of Fixed Gantry - miscellaneous Parts & Support > Pier 34-35	10	14-May-15	25-May-15	105																		
10.3 - Middle Bridge (Bridge F)																							
10.3.1 - Pier Construction																							
Abutment D12																							
1031-1058	Abut D12 (Approach Ramp Area) - Reb Fix + Concrete Pour 3	7	27-Dec-14 A	27-Mar-15	72																		
A10720	Construct Abutment D12 Existing W/B & E/B Bridge - Excav. Bored Pile (4 nos)	0	13-Mar-15 A	16-Mar-15 A																			
A10730	Construct Abutment D12 W/B Bridge - Prepare CJ	10	20-Mar-15	31-Mar-15	147																		
A10740	Construct Abutment D12 - Construct Abut D12 Pile Cap + Backfill	14	01-Apr-15	20-Apr-15	147																		
10.4 - Bridge Deck Demolition																							
10.4.1 - Existing W/B Bridge (Part 1)																							
A6340	Demolish W/B Bridge Deck Pier 28-29 (7 beams) > by Crane - A	14	02-May-15	19-May-15	10																		
A6350	Demolish W/B Bridge Deck Pier 29-30 (7 beams) > by Crane - A	7	19-May-15	27-May-15	10																		
A6360	Demolish W/B Bridge Deck Pier 30-31 (7 beams) > by Crane - A	14	19-May-15	04-Jun-15	11																		
A6370	Demolish W/B Bridge Deck Pier 31-32 (7 beams) > by Crane - A	7	27-May-15	04-Jun-15	10																		
A6380	Demolish W/B Bridge Deck Pier 32-33 (7 beams) > by Crane - A	14	27-May-15	12-Jun-15	10																		
A6390	Demolish W/B Bridge Deck Pier 33-34 (7 beams) > by Crane - A	7	04-Jun-15	12-Jun-15	10																		
A6400	Demolish W/B Bridge Pier 29 > by Crane - B	10	27-May-15	08-Jun-15	16																		
A6400.1	Demolish W/B Bridge Pier 29 - Pile Cap	14	08-Jun-15	25-Jun-15	16																		
A6420	Demolish W/B Bridge Pier 30 > by Crane - B	10	04-Jun-15	16-Jun-15	16																		
A6420.2	Demolish W/B Bridge Pier 33 > by Crane - B	10	12-Jun-15	25-Jun-15	10																		
A6631	Erect/Assemble LG1 + T&C > Erect Leg Support At Pier 41-44	6	20-Apr-15	25-Apr-15	0																		
A6632	Erect/Assemble LG1 + T&C > Install Main Beam/Girder Support - Middle Span at Bay 42 - 43	14	25-Apr-15	13-May-15	0																		
A6633	Erect/Assemble LG1 + T&C > Install Main Beam/Girder Support - End Span at Bay 43 - 44	14	13-May-15	29-May-15	0																		
A6634	Erect/Assemble LG1 + T&C > Install Main Beam/Girder Support - End Span at bay 41 - 42	14	13-May-15	29-May-15	0																		
A6635	Erect/Assemble LG1 + T&C > Install Mounting Support & Cables	10	29-May-15	10-Jun-15	0																		
A6636	Erect/Assemble LG1 + T&C > Install Miscellaneous Parts & support	8	10-Jun-15	19-Jun-15	0																		
A6650	Demolish W/B Bridge Deck Pier 43 to 44 (6 beams) > by LG1	6	19-Jun-15	27-Jun-15	0																		
A8079.1	Pier 28 Erect Falsework at existing W/B Bridge prior to demolition	6	20-Mar-15	26-Mar-15	38																		
A8079.11	Pier 29 Erect Falsework at existing W/B Bridge prior to demolition	6	27-Mar-15	02-Apr-15	46																		
A8079.12	Pier 30 Erect Falsework at existing W/B Bridge prior to demolition	0	26-Feb-15 A	07-Mar-15 A																			
A8079.14	Pier 32 Erect Falsework at existing W/B Bridge prior to demolition	6	07-Apr-15	13-Apr-15	47																		
A8079.15	Pier 33 Erect Falsework at existing W/B Bridge prior to demolition	4	11-Mar-15 A	25-Mar-15	66																		
A8079.16	Pier 34 Erect Falsework at existing W/B Bridge prior to demolition	6	14-Apr-15	20-Apr-15	48																		
A8079.18	Pier 27 Erect Falsework at existing W/B Bridge prior to demolition	0	09-Mar-15 A	16-Mar-15 A																			
A8079.19	Pier 26 Erect Falsework at existing W/B Bridge prior to demolition	0	04-Mar-15 A	09-Mar-15 A																			
A8079.2	Pier 25 Erect Falsework at existing W/B Bridge prior to demolition	6	21-Apr-15	27-Apr-15	104																		
A8079.21	Pier 24 Erect Falsework at existing W/B Bridge prior to demolition	6	27-Apr-15	04-May-15	104																		

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 -  Remaining Work
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- ◆ Milestone

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Three Months Rolling Programme (20 March to 19 June 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																	
						March			April			May			June								
						08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21		
A8079.22	Pier 23 Erect Falsework at existing W/B Bridge prior to demolition	6	04-May-15	09-May-15	104													■	Pier 23 Erect Falsework at existing W/B Bridge prior to dem				
A8079.3	Pier 22 Erect Falsework at existing W/B Bridge prior to demolition	6	09-May-15	15-May-15	104													■	Pier 22 Erect Falsework at existing W/B Bridge prior				
A8079.4	Pier 21 Erect Falsework at existing W/B Bridge prior to demolition	6	15-May-15	21-May-15	106													■	Pier 21 Erect Falsework at existing W/B Bridge				
A8079.5	Pier 20 Erect Falsework at existing W/B Bridge prior to demolition	6	21-May-15	27-May-15	136													■	Pier 20 Erect Falsework at existing W				
A8079.6	Pier 19 Erect Falsework at existing W/B Bridge prior to demolition	6	27-May-15	02-Jun-15	136													■	Pier 19 Erect Falsework at ex				
A8079.7	Pier 18 Erect Falsework at existing W/B Bridge prior to demolition	6	02-Jun-15	08-Jun-15	136													■	Pier 18 Erect Falsewo				
A8079.8	Pier 17 Erect Falsework at existing W/B Bridge prior to demolition	6	08-Jun-15	13-Jun-15	185													■	Pier 17 Erect Fa				
10.4.2 - Existing E/B Bridge																							
A4862	Demolition (Pier E4 - Pier E3) - Mobilization and Prep.	3	19-Jun-15	23-Jun-15	0													■	Dem				
A4872	Demolition (Pier E4 - Pier E3) - Saw-Cut Deck/Slab	7	24-Jun-15	02-Jul-15	0													■					
10.5 - Temporary Bridge																							
10.5.1 - Temporary Bridge 'TA'																							
1051-2036	Temporary Bridge TA1 Removal	14	03-Jun-15	18-Jun-15	0													■	Temporar				
A10750	TA2-(Pier TA21-22) > Intall Bearing	3	19-Mar-15 A	23-Mar-15	22		■												TA2-(Pier TA21-22) > Intall Bearing				
A10760	TA2-(Pier TA21-22) > Parapet Removal @ Bridge E	6	24-Mar-15	30-Mar-15	22		■												TA2-(Pier TA21-22) > Parapet Removal @ Bridge E				
A10770	TA2-(Pier TA21-22) > Main Beam Fabrication (TA21-22) > Batch 1	3	31-Mar-15	02-Apr-15	22			■											TA2-(Pier TA21-22) > Main Beam Fabrication (TA21-22) > Batch 1				
A10780	TA2-(Pier TA21-22) > Main Beam Erection > Batch 1	1	07-Apr-15	07-Apr-15	22				■										TA2-(Pier TA21-22) > Main Beam Erection > Batch 1				
A10790	TA2-(Pier TA21-22) > Main Beam Fabrication (TA21-22) > Batch 2	5	08-Apr-15	13-Apr-15	22				■										TA2-(Pier TA21-22) > Main Beam Fabrication (TA21-22) > Batch 2				
A10800	TA2-(Pier TA21-22) > Main Beam Erection > Batch 2	1	14-Apr-15	14-Apr-15	22					■									TA2-(Pier TA21-22) > Main Beam Erection > Batch 2				
A10810	TA2-(Pier TA21-22) > Intall Bondeck	6	15-Apr-15	21-Apr-15	22					■									TA2-(Pier TA21-22) > Intall Bondeck				
A10820	TA2-(Pier TA21-22) > Deck Rebar Fixing	5	22-Apr-15	27-Apr-15	22						■								TA2-(Pier TA21-22) > Deck Rebar Fixing				
A10830	TA2-(Pier TA21-22) > Intall Holding Down Bolts for L3 Railings	2	28-Apr-15	29-Apr-15	22							■							TA2-(Pier TA21-22) > Intall Holding Down Bolts for L3 Railings				
A10840	TA2-(Pier TA21-22) > Deck Concreting	1	30-Apr-15	30-Apr-15	22								■						TA2-(Pier TA21-22) > Deck Concreting				
A10850	TA2-(Pier TA21-22) > Intall L3 Railings	3	01-May-15	03-May-15	27									■					TA2-(Pier TA21-22) > Intall L3 Railings				
A10860	TA2-(Pier TA22-23) > Install TA23 Tower	1	23-Apr-15	24-Apr-15	2													■	TA2-(Pier TA22-23) > Install TA23 Tower				
A10870	TA2-(Pier TA22-23) > Intall Scaffolding at TA23	3	24-Apr-15	28-Apr-15	2													■	TA2-(Pier TA22-23) > Intall Scaffolding at TA23				
A10880	TA2-(Pier TA22-23) > TA23 Grouting	3	28-Apr-15	02-May-15	2													■	TA2-(Pier TA22-23) > TA23 Grouting				
A10890	TA2-(Pier TA22-23) > Intall Bearing	4	02-May-15	07-May-15	2													■	TA2-(Pier TA22-23) > Intall Bearing				
A10900	TA2-(Pier TA22-23) > Main Beam Fabrication (TA22-23)	6	24-Apr-15	02-May-15	7													■	TA2-(Pier TA22-23) > Main Beam Fabrication (TA22-23)				
A10910	TA2-(Pier TA22-23) > Main Beam Erection	1	07-May-15	08-May-15	2													■	TA2-(Pier TA22-23) > Main Beam Erection				
A10920	TA2-(Pier TA22-23) > Install Bondeck	6	08-May-15	15-May-15	2													■	TA2-(Pier TA22-23) > Install Bondeck				
A10930	TA2-(Pier TA22-23) > Deck Rebar Fixing	6	15-May-15	22-May-15	2													■	TA2-(Pier TA22-23) > Deck Rebar Fixing				
A10940	TA2-(Pier TA22-23) > Holding Down Bolts for L3 Railings	2	21-May-15	23-May-15	2													■	TA2-(Pier TA22-23) > Holding Down Bolts				
A10950	TA2-(Pier TA22-23) > Deck Concreting	1	23-May-15	25-May-15	2													■	TA2-(Pier TA22-23) > Deck Concreting				
A10960	TA2-(Pier TA22-23) > L3 Railings	3	25-May-15	28-May-15	2													■	TA2-(Pier TA22-23) > L3 Railings				
A11210	TA2-(Pier TA23-24) > Install TA24 Tower	1	16-Apr-15	17-Apr-15	2													■	TA2-(Pier TA23-24) > Install TA24 Tower				
A11220	TA2-(Pier TA23-24) > Intall Scaffolding at TA24	3	17-Apr-15	21-Apr-15	8													■	TA2-(Pier TA23-24) > Intall Scaffolding at TA24				
A11230	TA2-(Pier TA23-24) > TA23 Grouting	3	21-Apr-15	24-Apr-15	8													■	TA2-(Pier TA23-24) > TA23 Grouting				
A11240	TA2-(Pier TA23-24) > Intall Bearing	4	24-Apr-15	29-Apr-15	8													■	TA2-(Pier TA23-24) > Intall Bearing				
A11250	TA2-(Pier TA23-24) > Main Beam Fabrication (TA23-24)	6	17-Apr-15	24-Apr-15	13													■	TA2-(Pier TA23-24) > Main Beam Fabrication (TA23-24)				
A11260	TA2-(Pier TA23-24) > Main Beam Erection	1	29-Apr-15	30-Apr-15	8													■	TA2-(Pier TA23-24) > Main Beam Erection				
A11270	TA2-(Pier TA23-24) > Install Bondeck	6	30-Apr-15	08-May-15	8													■	TA2-(Pier TA23-24) > Install Bondeck				
A11280	TA2-(Pier TA23-24) > Deck Rebar Fixing	6	08-May-15	15-May-15	8													■	TA2-(Pier TA23-24) > Deck Rebar Fixing				
A11290	TA2-(Pier TA23-24) > Holding Down Bolts for L3 Railings	2	14-May-15	16-May-15	8													■	TA2-(Pier TA23-24) > Holding Down Bolts for L3 R				
A11300	TA2-(Pier TA23-24) > Deck Concreting	1	16-May-15	18-May-15	8													■	TA2-(Pier TA23-24) > Deck Concreting				
A11310	TA2-(Pier TA23-24) > L3 Railings	3	18-May-15	21-May-15	8													■	TA2-(Pier TA23-24) > L3 Railings				
A11320	TA2-(Pier TA24-25) > Install TA25 Tower	1	09-Apr-15	10-Apr-15	2													■	TA2-(Pier TA24-25) > Install TA25 Tower				
A11330	TA2-(Pier TA24-25) > Intall Scaffolding at TA25	3	10-Apr-15	14-Apr-15	14													■	TA2-(Pier TA24-25) > Intall Scaffolding at TA25				
A11340	TA2-(Pier TA24-25) > TA23 Grouting	3	14-Apr-15	17-Apr-15	14													■	TA2-(Pier TA24-25) > TA23 Grouting				

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

Contract HY/2009/19

Three Months Rolling Programme (20 March to 19 June 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																	
						March			April			May			June								
						08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21		
A11740	TA2-(Pier TA27-28) > Deck Concreting	1	27-May-15	27-May-15	0														■ TA2-(Pier TA27-28) > Deck Concreting				
A11750	TA2-(Pier TA27-28) > L3 Railings	3	28-May-15	30-May-15	0														■ TA2-(Pier TA27-28) > L3 Railings				
A11760	Complete Temporary "TA2" Bridge	0		30-May-15	0														◆ Complete Temporary "TA2" Bridge				
10.5.2 - Temporary Bridge 'TB'																							
A10280	TB > (Pier 16-17) - Stitching	0	02-Mar-15 A	02-Mar-15 A															> (Pier 16-17) - Stitching				
A10290	TB > (Pier TB1-16) - L3 Railing Installation	0	03-Mar-15 A	06-Mar-15 A															TB > (Pier TB1-16) - L3 Railing Installation				
A10300	Bridge E (Pier 16) - MJ	2	17-Mar-15 A	21-Mar-15	0														■ Bridge E (Pier 16) - MJ				
A2480	TB > (Pier TB1-16) - L3 Railing Installation	0	06-Mar-15 A	09-Mar-15 A															■ TB > (Pier TB1-16) - L3 Railing Installation				
10.6 - Tunnel Approach Ramp																							
10.6.1 - Approach Ramp (Excluding Portion IIB)																							
Bored Piles																							
A5851	Bored Pile Ramp - BN25	0	10-Feb-15 A	25-Feb-15 A															Bored Pile Ramp - BN25				
A5853	Bored Pile Ramp - BM08	14	08-May-15	23-May-15	135														Bored Pile Ramp - BM08				
A5856	Bored Pile Ramp > LHR- BN32	14	20-Mar-15	08-Apr-15	187														Bored Pile Ramp > LHR- BN32				
A5857	Bored Pile Ramp > LHR - BN34	14	20-Mar-15	08-Apr-15	209														Bored Pile Ramp > LHR - BN34				
A5858	Bored Pile Ramp - BM07	14	01-Apr-15	20-Apr-15	135														Bored Pile Ramp - BM07				
A5859.21	Bored Pile Ramp - BN20	0	17-Feb-15 A	11-Mar-15 A															Bored Pile Ramp - BN20				
A5859.22	Bored Pile Ramp - BN21	10	13-Mar-15 A	31-Mar-15	135														Bored Pile Ramp - BN21				
A5859.24	Bored Pile Ramp - BS21	0	26-Feb-15 A	14-Mar-15 A															Bored Pile Ramp - BS21				
A5859.26	Bored Pile Ramp - BS14	14	25-Apr-15	12-May-15	145														Bored Pile Ramp - BS14				
A5859.27	Bored Pile Ramp - BS15	14	09-Apr-15	24-Apr-15	145														Bored Pile Ramp - BS15				
A5859.28	Bored Pile Ramp - BS16	14	20-Mar-15	08-Apr-15	145														Bored Pile Ramp - BS16				
A5859.29	Bored Pile Ramp - BM04	14	25-May-15	09-Jun-15	135														Bored Pile Ramp - BM04				
A5859.3	Bored Pile Ramp - BM05	14	13-May-15	28-May-15	145														Bored Pile Ramp - BM05				
A5859.31	Bored Pile Ramp - BM06	14	21-Apr-15	07-May-15	135														Bored Pile Ramp - BM06				
A5859.32	Bored Pile Ramp > LHR - BN14	14	09-Apr-15	24-Apr-15	195														Bored Pile Ramp > LHR - BN14				
A5859.33	Bored Pile Ramp > LHR - BN15	14	09-Apr-15	24-Apr-15	209														Bored Pile Ramp > LHR - BN15				
A5859.34	Bored Pile Ramp > LHR - BN16	14	25-Apr-15	12-May-15	195														Bored Pile Ramp > LHR - BN16				
A5859.35	Bored Pile Ramp > LHR - BN17	14	25-Apr-15	12-May-15	209														Bored Pile Ramp > LHR - BN17				
A5859.36	Bored Pile Ramp > LHR - BN18	14	13-May-15	28-May-15	195														Bored Pile Ramp > LHR - BN18				
A5859.36.1	Complete Bored Piles > LHR	0		28-May-15	195														◆ Complete Bored Piles > LHR				
A5859.37	Complete Bored Piles Excl. Portion IIB	0		09-Jun-15	135														◆ Complete Bored Piles Excl. Portion IIB				
A8050	Complete Pre-Bored H-Pile > CSD Approach Ramp	0		20-Mar-15	187														◆ Complete Pre-Bored H-Pile > CSD Approach Ramp				
ELS																							
1061-1065	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D12 Northern Side	14	13-May-15	28-May-15	195														Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D12 Northern Side				
1061-1065.2	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D10 Northern Side	14	29-May-15	13-Jun-15	195														Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D10 Northern Side				
1061-1065.3	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Northern Side	14	15-Jun-15	02-Jul-15	195														Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Northern Side				
1061-1065.6.1	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D12 Southern Side	14	13-May-15	28-May-15	195														Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D12 Southern Side				
1061-1065.6.2	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D10 Southern Side	14	29-May-15	13-Jun-15	195														Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D10 Southern Side				
1061-1065.6.3	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Southern Side	14	15-Jun-15	02-Jul-15	195														Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Southern Side				
1061-1068	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D06-D08	14	20-May-15	04-Jun-15	231														Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D06-D08				
1061-1068.1	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D08-D10	14	05-Jun-15	22-Jun-15	231														Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D08-D10				
10.6.2 - Approach Ramp (Within Portion IIB)																							
Bored Piles																							
1061-1045	Pre-bored H-piles BN01 - A	8	29-May-15	06-Jun-15	439														Pre-bored H-piles BN01 - A				
1061-1046	Pre-bored H-piles BN01 - B	8	08-Jun-15	16-Jun-15	439														Pre-bored H-piles BN01 - B				
1061-1047	Pre-bored H-piles BN05 - A	8	17-Jun-15	26-Jun-15	439														Pre-bored H-piles BN05 - A				
10.7 - Section X - Miscellaneous Works																							
10.7.1 - TTM Stages																							
1071-1025	TTM Stage 2B - TMLG / TD / Police Consultation and Endorsement	7	29-Sep-14 A	27-Mar-15	0														TTM Stage 2B - TMLG / TD / Police Consultation and Endorsement				

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

Contract HY/2009/19

Three Months Rolling Programme (20 March to 19 June 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																	
						March			April			May			June								
						08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21		
1071-1030	TTM Stage 2B - TTM Enabling Works	2	28-Mar-15	29-Mar-15	0																		■ TTM Stage 2B - TTM Enabling Works
1071-1040	TTM Stage 2B - Divert 3 Lanes to E/B Bridge through 'Bridge From Pier17 to Pier D1'	0		29-Mar-15	0																		◆ TTM Stage 2B - Divert 3 Lanes to E/B Bridge through 'Bridge From Pier17 to Pier D1'
1071-1041	TTM Stage 2B1 - TMLG / TD / Police Consultation and Endorsement	29	20-Mar-15	17-Apr-15	0																		■ TTM Stage 2B1 - TMLG / TD / Police Consultation and Endorsement
1071-1042	TTM Stage 2B1 - TTM Enabling Works	2	18-Apr-15	19-Apr-15	0																		■ TTM Stage 2B1 - TTM Enabling Works
1071-1043	TTM Stage 2B1 - Use Existing E/B Lane to Divert 4 W/B Lane	0		19-Apr-15	0																		◆ TTM Stage 2B1 - Use Existing E/B Lane to Divert 4 W/B Lane
1071-1045	TTM Stage 2C - TMLG / TD / Police Consultation and Endorsement	71	24-Mar-15	02-Jun-15	0																		■ TTM Stage 2C - TMLG / TD /
1071-1046	TTM Stage 2C - TTM Enabling Works	2	01-Jun-15	02-Jun-15	0																		■ TTM Stage 2C - TTM Enablin
1071-1047	TTM Stage 2C - Hing Fat Slip Road Divert 4 Lanes to New E/B Bridge through 'TA2' to Rel	0		02-Jun-15	0																		◆ TTM Stage 2C - Hing Fat Slip

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

Contract HY/2009/19

Three Months Rolling Programme (20 March to 19 June 2015)

WP13-0		Layout: CWB - Working Layout for DWP Rev M					Date Printed 26-Sep-14 11						
Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
HY/2009/15 - Works Programme Rev. M (DD:20-Sep-12)													
Works in East Ventilation Adit - Based on Alternative Method													
Reinstatement of Breakwater													
S3_54840	Reinstatement works -west side	7d/wk-1	60d	21-Feb-14 08 A	30-Sep-14 18	-85d							
S3_60085	Reinstatement works east side	7d/wk-1	60d	31-May-14 08 A	30-Sep-14 18	-85d							
S3_54845	Completion of Section 3 (KD8) in EVA Area (Alternative Method)	7d/wk-2	0d		30-Sep-14 18	-86d							
Works in TS1/TS2 - OHVD and Cable Trough/Maintenance Walkway													
TS2 - OHVD and Cable Trough/Maintenance Walkway													
OHVD Slab and Cable Trough Construction													
S3_6210	TS2 - OHVD/ Cable trough	7d/wk-1	40d	20-May-14 08 A	30-Sep-14 18	-85d							
S3_6212	Completion of Section 3 - TS1/TS2 Area (below -6mpd) KD8)	7d/wk-2	0d		30-Sep-14 18	-86d							
Works in TS4/ME4 Area (Portion 14A, 14B, 15, 23)													
TS4/ME4 - Removal of Temporary Reclamation													
Remaining Works at TZ6													
Stage 4 - Seawall and Reclamation at TZ6													
A-2010	Installation of seawall blocks (Qty: 245 nos.)	7d/wk-2	6d	15-Sep-14 08 A	26-Sep-14 18	-332d							
A-2020	Soil Backfilling up to -2.45mPD (Qty:3,000 cu.m.)	7d/wk-2	2d	25-Sep-14 08	26-Sep-14 18	-332d							
A-2030	Utilities installation for Mined Tunnel	7d/wk-2	1d	27-Sep-14 08	27-Sep-14 18	-332d							
A-2040	Soil backfilling up to ground level (Qty:2,000 cu.m.)	7d/wk-2	2d	28-Sep-14 08	29-Sep-14 18	-332d							
A-2050	Site clearance	7d/wk-2	1d	30-Sep-14 08	30-Sep-14 18	-305d							
A-2060	Handover to MTR	7d/wk-2	0d		30-Sep-14 18	-305d							
Removal of Temporary Reclamation at TS4/ME4													
Stage 5 (Zones A, D & F - TS4-D33 to D-26, SCL2 & ME4-D19 to D13)													
A-3000	D-Wall horizontal cutting (Qty: 62 pcs.)	7d/wk-2	21d	29-Aug-14 08 A	23-Sep-14 18	-340d							
Stage 6 (Zone C - P4, ME4-D12 to ME4-D16 & P3)													
A-3011	Marine removal of temporary reclamation and seawall blocks (Zones C)	7d/wk-2	21d	31-Aug-14 08 A	02-Oct-14 18	-353d							
A-3030	D-Wall vertical cutting (Qty: 15 pcs.)	7d/wk-2	4d	03-Oct-14 08	06-Oct-14 18	-353d							
A-3040	D-Wall horizontal cutting (Qty: 20 pcs.)	7d/wk-2	5d	06-Oct-14 08	10-Oct-14 18	-352d							

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

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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

Prepared by William Caluza

Date	Revision	Checked	Approved
26-Sep...	1st submission		



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

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016				
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
Stage 7 (Zones C & E - ME4-D06 to D01, SCL1 & TS4-D25)															
A-4000	Marine removal of temporary reclamation and seawall blocks (Zones C & E)	7d/wk-2	18d	06-Sep-14 08 A	06-Oct-14 18	-353d									
A-3090	Hole coring (Qty: 44 nos)	7d/wk-2	9d	20-Sep-14 08*	28-Sep-14 18	-346d									
A-4010	D-Wall vertical cutting (Qty: 27pcs.)	7d/wk-2	7d	07-Oct-14 08	13-Oct-14 18	-353d									
A-4020	D-Wall horizontal cutting (Qty: 37 pcs.)	7d/wk-2	10d	11-Oct-14 08	20-Oct-14 18	-353d									
Stage 9 (Zone I - TS4-D01 to TS4-D08)															
A-3050	Remaining removal of temporary reclamation (Zone I)	7d/wk-2	28d	29-Aug-14 08 A	01-Oct-14 18	-342d									
A-3060	Hole coring (Qty: 25 nos)	7d/wk-2	5d	02-Oct-14 08	06-Oct-14 18	-342d									
A-3070	D-Wall vertical cutting (Qty: 14 pcs.)	7d/wk-2	3d	07-Oct-14 08	09-Oct-14 18	-342d									
A-3080	D-Wall horizontal cutting (Qty: 24 pcs.)	7d/wk-2	5d	21-Oct-14 08	25-Oct-14 18	-353d									
Stage 8 (Zones G & K - TS4-D24 to TS4-D15)															
A-4040	Relocation of RHKYC floating pontoon	7d/wk-2	5d	22-Sep-14 08*	26-Sep-14 18	-338d									
A-4050	Hole coring (Qty: 27 nos)	7d/wk-2	6d	29-Sep-14 08	04-Oct-14 18	-346d									
A-4060	Marine removal of temporary reclamation and seawall blocks (Zone G & K)	7d/wk-2	14d	11-Oct-14 08	24-Oct-14 18	-352d									
A-4070	D-Wall vertical cutting (Qty: 18pcs.)	7d/wk-2	4d	25-Oct-14 08	28-Oct-14 18	-352d									
A-4080	D-Wall horizontal cutting (Qty: 25 pcs.)	7d/wk-2	7d	26-Oct-14 08	01-Nov-14 18	-352d									
Stage 10 (Zone J - TS4-D09 to TS4-D14)															
A-4090	Land removal of temporary reclamation (Zone J)	7d/wk-2	10d	07-Oct-14 08	16-Oct-14 18	-344d									
A-5000	Hole coring (Qty: 32 nos)	7d/wk-2	7d	17-Oct-14 08	23-Oct-14 18	-340d									
A-5010	Marine removal of temporary reclamation (Zone J)	7d/wk-2	7d	26-Oct-14 08	01-Nov-14 18	-353d									
A-5020	D-Wall vertical cutting (Qty: 20 pcs.)	7d/wk-2	5d	02-Nov-14 08	06-Nov-14 18	-353d									
A-5030	D-Wall horizontal cutting (Qty: 26 pcs.)	7d/wk-2	7d	04-Nov-14 08	10-Nov-14 18*	-353d									
Stage 13 - Phase 3 Mooring															
A-5050	Final trimming of sea bed level	7d/wk-2	4d	02-Nov-14 08	05-Nov-14 18	-347d									
A-5060	Phase 3 Mooring	7d/wk-2	6d	06-Nov-14 08	11-Nov-14 18	-347d									
A-5040	Reinstatement of existing seawall (Zones I & J)	7d/wk-2	7d	11-Nov-14 08	17-Nov-14 18	-353d									
Stage 12 - Re-provisioning of Jetty															
S6_5258	Provision of Mobile Crane (until permanent re-provision of Jetty is completed)	7d/wk-1	160d	20-Feb-14 08 A	30-Dec-14 18	-335d									
A-6010	BA8 submission and consent for commencement of superstructure	7d/wk-2	28d	20-Sep-14 08 A	16-Oct-14 18	-336d									

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

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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

Prepared by William Caluza			
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26-Sep...	1st submission		



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

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016								
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
A-6012	Submission of performance report	7d/wk-2	1d	25-Oct-14 08*	25-Oct-14 18	-286d													
A-6020	Erection of working platform for jetty beams and reinstate the floating portoon	7d/wk-2	10d	02-Nov-14 08	11-Nov-14 18	-352d													
A-6040	BA10 submission for authorized signatory and subcontractor	7d/wk-2	1d	12-Nov-14 08	12-Nov-14 18	-304d													
A-6030	Jetty beams construction	7d/wk-2	14d	12-Nov-14 08	25-Nov-14 18	-352d													
A-6052	Construction of floating pontoon	7d/wk-2	14d	26-Nov-14 08	09-Dec-14 18	-331d													
A-6050	BA13 submission + 14-day cube test results	7d/wk-2	28d	26-Nov-14 08	23-Dec-14 18	-352d													
A-6060	E&M and accessories installation	7d/wk-2	7d	24-Dec-14 08	30-Dec-14 18	-352d													
A-6070	Handover to RHKYC	7d/wk-2	1d	31-Dec-14 08	31-Dec-14 18	-352d													
Stage 11 - Construction of TZ4																			
A-6080	South side - laying rockfill and levelling stone (Qty: 1,550 cu.m)	7d/wk-2	12d	24-Sep-14 08	05-Oct-14 18	-339d													
A-6090	South side - install seawall blocks (Qty: 255 nos.)	7d/wk-2	6d	06-Oct-14 08	11-Oct-14 18	-339d													
A-7000	South side - general fill (Qty: 2,000 cu.m.)	7d/wk-2	2d	12-Oct-14 08	13-Oct-14 18	-339d													
A-7010	North side - laying rockfill and levelling stone (Qty: 1,550 cu.m)	7d/wk-2	12d	21-Oct-14 08	01-Nov-14 18	-346d													
A-7020	North side - install seawall blocks (Qty: 255 nos.)	7d/wk-2	6d	02-Nov-14 08	07-Nov-14 18	-346d													
A-7030	North side - general fill (Qty:2,000 cu.m.)	7d/wk-2	2d	08-Nov-14 08	09-Nov-14 18	-346d													
A-7040	Handover to contract TS3/SR8	7d/wk-2	1d	10-Nov-14 08	10-Nov-14 18*	-346d													
TS4/ME4, Removal of Temporary Reclamation																			
S26875	Completion of Section 2 (With ME4 option) (KD7)	7d/wk-2	0d		17-Nov-14 18	-353d													
S26890	Completion of Section 7B (ME4) (KD13)	7d/wk-2	0d		17-Nov-14 18	-353d													
TS4 - OHVD / Cable Trough																			
S5_6185	TS4 (incl. TS4+) - OHVD Slab - Area C (access through temp. opening at TZ4)	7d/wk-1	36d	02-Jan-15 08*	06-Feb-15 18	195d													
S5_6190	TS4 (incl. TS4+) - Cable Trough (access through temp. opening at TZ4)	7d/wk-1	60d	07-Feb-15 08*	14-Apr-15 18	195d													
S5_59850	Completion of Section 5 - TS4/ME4 Area (KD10), below -20mPD	7d/wk-2	0d		02-Nov-15 18*	0d													
Works in TPCWAE Area (Portion 20A, 20B)																			
Removal of Temporary Reclamation																			
Removal of Temporary Reclamation & Form TZ5																			
S87670	Remove general fill /sea wall block	7d/wk-1	24d	20-May-14 08A	08-Oct-14 18	-296d													
S87675	Diaphragm wall saw cutting (1st D Wall cut on 23 Jun 2014)	7d/wk-1	31d	03-Sep-14 08A	16-Oct-14 18	-306d													
S87755	Form TZ5	7d/wk-1	18d	25-Sep-14 08	14-Oct-14 18	-304d													

- Summary Bar
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China State Construction Engineering (Hong Kong) Ltd
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WORKS PROGRAMME REV. M

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Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016								
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
S6785	Achievement of KD5	7d/wk-2	0d		16-Oct-14 18	-323d													
S6787	Complete Reinstatement of Vertical Seawall (near PRE Office)	7d/wk-2	0d		27-Oct-14 18	-322d													
Reinstate Mucking Out Access Shaft "C"																			
S67240	Start reinstatement works (after completion of TPCWAW OHVD works)	6d/wk	0d	28-Mar-16 08		-102d													
S67225	Cast slab opening at top of CCT West bound (access shaft)	6d/wk	18d	28-Mar-16 08	16-Apr-16 18	-102d													
S67230	Removal of vertical shaft and backfilling	6d/wk	48d	11-Apr-16 08	04-Jun-16 18	-102d													
S67235	Reinstatement of pavement	6d/wk	12d	30-May-16 08	11-Jun-16 18	-102d													
TPCWAE - OHVD / Cable Trough																			
S5_7405	TPCWAE - Cable Trough (access through temp. opening at TZ5 & Portion 19)	6d/wk	48d	04-Sep-15 08	02-Nov-15 18	0d													
S5_7400	TPCWAE - OHVD Slab AT Area A (access through temp. opening at TZ5 & Portion 19)	6d/wk	48d	04-Sep-15 08	02-Nov-15 18	0d													
S5_59840	Completion of Section 5 - TPCWAE Area (KD10), below -20mPD	7d/wk-2	0d		02-Nov-15 18*	0d													
Works in TPCWAW Area																			
TPCWAW - Temporary Reclamation																			
Temporary Reclamation -																			
S6_9440	TPCWAW - place levelling stone and tamping, South side	7d/wk-1	6d	15-Oct-14 08	20-Oct-14 18	-122d													
S6_9450	TPCWAW - place seawall block to +4 at South side (Qty: 569 nos. @ 50 nos/day)	7d/wk-1	12d	21-Oct-14 08	01-Nov-14 18	-122d													
S6_9465	TPCWAW - place levelling stone and tamping, North side	7d/wk-1	6d	02-Nov-14 08	07-Nov-14 18	-122d													
S6_9470	TPCWAW - place seawall blocks to +4 North side (Qty:672 nos @ 50 nos/day)	7d/wk-1	14d	08-Nov-14 08	21-Nov-14 18	-122d													
S6_9495	TPCWAW - General fill to +2 within the seawall	7d/wk-1	17d	15-Nov-14 08	01-Dec-14 18	-122d													
S6_9490	TPCWAW - place seawall blocks to +4 at the temporary opening	7d/wk-1	7d	02-Dec-14 08	08-Dec-14 18	-122d													
S6_9475	TPCWAW - Remaining General fill to +4 within the seawall	7d/wk-1	10d	09-Dec-14 08	18-Dec-14 18	-122d													
TPCWAW - Diaphragm Wall																			
Diaphragm Wall																			
S6_9385	Site investigation	7d/wk-1	49d	01-Dec-14 08	21-Jan-15 18	-113d													
S6_8960	Install guide wall	7d/wk-1	40d	17-Dec-14 08	28-Jan-15 18	-120d													
S6_8955	Curtain grout along proposed diaphragm wall	7d/wk-1	40d	19-Dec-14 08	30-Jan-15 18	-122d													
S6_9382	Set up bentonite silo/plants and equipments	7d/wk-1	30d	19-Dec-14 08	20-Jan-15 18	-112d													
S6_9345	Diaphragm wall construction (34 panels @ 3 panels/ week)	7d/wk-1	68d	30-Jan-15 08	14-Apr-15 18	-141d													
S6_9350	Install shear pins on diaphragm wall	7d/wk-1	40d	14-Mar-15 08	26-Apr-15 18	-133d													

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China State Construction Engineering (Hong Kong) Ltd

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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
S6_9355	Install king posts	7d/wk-1	40d	14-Mar-15 08	26-Apr-15 18	-133d			■	Install king posts				
S6_8970	Diaphragm Wall Pile test	7d/wk-1	40d	20-Mar-15 08	03-May-15 18	-129d			■	Diaphragm Wall Pile test				
S6_9375	Carry out contact/fissure grouting	7d/wk-1	29d	21-Mar-15 08	22-Apr-15 18	-141d			■	Carry out contact/fissure grouting				
TPCWAW- ELS Works														
ELS Works														
S6_9360	Install dewatering wells and piezometers	7d/wk-1	20d	30-Mar-15 08	22-Apr-15 18	-141d			■	Install dewatering wells and piezometers				
S6_9365	Install inclinometers inside D-wall	7d/wk-1	20d	15-Apr-15 08	05-May-15 18	-141d			■	Install inclinometers inside D-wall				
S6_8975	Carry out pumping tests	7d/wk-1	12d	23-Apr-15 08	05-May-15 18	-141d			■	Carry out pumping tests				
S6_8980	1st Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	06-May-15 08	15-May-15 18	-141d			■	1st Layer - D Wall conc over break if any & Soft Excavation				
S6_9260	Submit pumping test report	7d/wk-1	1d	06-May-15 08	06-May-15 18	-137d				Submit pumping test report				
S6_8985	1st Layer - install lateral support	7d/wk-1	10d	16-May-15 08	26-May-15 18	-141d			■	1st Layer - install lateral support				
S6_8990	Install vibrating wire strain gauge	7d/wk-1	10d	16-May-15 08	26-May-15 18	-141d			■	Install vibrating wire strain gauge				
S6_8995	2nd Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	18-May-15 08	28-May-15 18	-141d			■	2nd Layer - D Wall conc over break if any & Soft Excavation				
S6_9000	2nd Layer - install lateral support	7d/wk-1	10d	29-May-15 08	07-Jun-15 18	-141d			■	2nd Layer - install lateral support				
S6_9005	3rd Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	31-May-15 08	09-Jun-15 18	-141d			■	3rd Layer - D Wall conc over break if any & Soft Excavation				
S6_9010	3rd Layer - install lateral support	7d/wk-1	10d	10-Jun-15 08	19-Jun-15 18	-141d			■	3rd Layer - install lateral support				
S6_9015	4th Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	12-Jun-15 08	22-Jun-15 18	-141d			■	4th Layer - D Wall conc over break if any & Soft Excavation				
S6_9020	4th Layer - install lateral support	7d/wk-1	10d	23-Jun-15 08	03-Jul-15 18	-141d			■	4th Layer - install lateral support				
S6_9025	5th Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	25-Jun-15 08	05-Jul-15 18	-141d			■	5th Layer - D Wall conc over break if any & Soft Excavation				
S6_9030	5th Layer - install lateral support	7d/wk-1	10d	27-Jun-15 08	07-Jul-15 18	-141d			■	5th Layer - install lateral support				
S6_9035	6th Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	08-Jul-15 08	17-Jul-15 18	-141d			■	6th Layer - D Wall conc over break if any & Soft Excavation				
S6_9040	6th Layer - install lateral support	7d/wk-1	10d	18-Jul-15 08	27-Jul-15 18	-69d			■	6th Layer - install lateral support				
TPCWAW - ROCK EXCAVATION														
S6_6180	Rock excavation to formation	7d/wk-1	112d	18-Jul-15 08	09-Nov-15 18	-141d			■	Rock excavation to formation				
S6_9370	Install tie back anchor to D- Walls (area on west side, near Portion 11)	7d/wk-1	25d	20-Jul-15 08	13-Aug-15 18	-69d			■	Install tie back anchor to D- Walls (area on west side, near Portion 11)				
S6_9415	Install tie back anchor to D- Walls (east area)	7d/wk-1	20d	20-Jul-15 08	08-Aug-15 18	-69d			■	Install tie back anchor to D- Walls (east area)				
S6_9055	Provide Access to WDII Contractor for demolition of bulkhead at Portion 11	7d/wk-2	0d		10-Nov-15 18	-133d			◆	Provide Access to WDII Contractor for demolition of bulkhead				
TPCWAW- CCT RC Structure														
TPCWAW - CCT / OHVD														

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China State Construction Engineering (Hong Kong) Ltd

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CHINA STATE CONSTRUCTION ENGINEERING HONG KONG LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016				
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
S6_9070	TPCWAW Construct tunnel base slab	7d/wk-1	50d	23-Oct-15 08	11-Dec-15 18	-141d						TPCWAW Construct tunnel base slab			
S6_9075	TPCWAW Construct tunnel wall + OHVD + roof slab	7d/wk-1	80d	13-Nov-15 08	02-Feb-16 18	-141d						TPCWAW Construct tunnel wall + OHVD +			
S6_9077	TPCWAW - external waterproofing on top of completed CCT box (incl. screeding)	7d/wk-1	26d	03-Feb-16 08	28-Feb-16 18	-120d						TPCWAW - external waterproofing on			
S6_9076	TPCWAW King post load transfer	7d/wk-1	26d	03-Feb-16 08	28-Feb-16 18	-120d						TPCWAW King post load transfer			
TPCWAW - Removal of Temporary Reclamation															
Removal of Temporary Reclamation															
S6_9140	Backfilling/Removal of ELS/ Reinstatement of sea wall at Portion 11 (concurrent activities)	7d/wk-1	30d	17-Feb-16 08	17-Mar-16 18	-120d						Backfilling/Removal of ELS/ Reinsta			
S6_9105	Remove general fill/ seawall block (concurrent activities)	7d/wk-1	25d	06-Mar-16 08	30-Mar-16 18	-120d						Remove general fill/ seawall bloc			
S6_9120	Saw cut diaphragm wall	7d/wk-1	63d	21-Mar-16 08	23-May-16 18	-120d						Saw cut diaphragm w			
S6_7550	Completion of Section 6- (KD11), above -20mPD	7d/wk-2	0d		23-May-16 18	-121d						Completion of Section			
TPCWAW -Cable Trough/ Maintenance Walkway															
S6_9085	TPCWAW - Cable Trough (access through temp. opening at Portion 19)	7d/wk-2	24d	02-Mar-16 08	25-Mar-16 18	-144d						TPCWAW - Cable Trough (access			
S6_9135	Completion of Section 5 - TPCWAW Area (KD10), below -20mPD	7d/wk-2	0d		25-Mar-16 18	-144d						Completion of Section 5 - TPCWA			
Works in Wan Chai PCWA (Portion 11)															
Initial Works & Utilities Works															
S4_2810	Installation of Hoarding	7d/wk-1	24d	05-May-14 08 A	17-Oct-14 18	-58d						Installation of Hoarding			
S4_2720	Remove existing rock mound	7d/wk-1	24d	21-Oct-14 08	13-Nov-14 18	-61d						Remove existing rock mound			
S4_2750	Carry out Site Investigation for BW1/BW2	7d/wk-1	12d	21-Oct-14 08	01-Nov-14 18	-61d						Carry out Site Investigation for BW1/BW2			
S4_2755	BW1/BW2 Engineers confirmation of provisional Barrettes	7d/wk-1	0d		07-Nov-14 18	-61d						BW1/BW2 Engineers confirmation of provisional Barrettes			
Allow Access to WDII															
S4_2785	Complete Section 4 - Portion 11 (KD9)	7d/wk-2	0d		10-Nov-15 18	-132d						Complete Section 4 - Portion 11 (KD9)			
S4_2775	Return Portion 11 to WDII	7d/wk-1	0d		10-Nov-15 18	-129d						Return Portion 11 to WDII			
Works for Mined Tunnel (Portion 16, 17, 18)															
SR8 (Tunnel Excavation + Lining)															
From West (TPCWAE)															
Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)															
A8676	SR8 Heading Excavation From West, CH 4095- 4107 = 8m @2d/m	7d/wk-1a	16d	03-Sep-14 08 A	28-Sep-14 18	164d						SR8 Heading Excavation From West, CH 4095- 4107 = 8m @2d/m			
Bench Excavation (1.5d-2d/m, 20m separation with heading)															
A8700	SR8 Bench Excavation From West, CH 4055- 4065 = 10m	7d/wk-1a	20d	08-Sep-14 08 A	24-Sep-14 18	148d						SR8 Bench Excavation From West, CH 4055- 4065 = 10m			

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3				
A8705	SR8 Bench Excavation From West, CH 4065- 4075 = 10m	7d/wk-1a	20d	25-Sep-14 08	15-Oct-14 18	148d												
A8685	SR8 Bench Excavation From West, CH 4075- 4085 = 10m	7d/wk-1a	20d	16-Oct-14 08	04-Nov-14 18	148d												
A8680	SR8 Bench Excavation From West, CH 4085- 4095 = 10m	7d/wk-1a	20d	05-Nov-14 08	24-Nov-14 18	148d												
A8725	SR8 Bench Excavation From West, CH 4095- 4100 = 5m	7d/wk-1a	10d	25-Nov-14 08	04-Dec-14 18	148d												
From East (TS4)																		
Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																		
A8495	SR8 Heading Excavation From East CH 4115- 4107 = 8m @2d/m	7d/wk-1a	16d	15-Sep-14 08 A	28-Sep-14 18	10d												
Bench Excavation (1.5d/m, 20m separation with heading)																		
A8455	SR8 Bench Excavation From East, CH 4147.5- 4135 = 12.5m	7d/wk-1a	19d	20-Sep-14 08	09-Oct-14 18	0d												
A8470	SR8 Bench Excavation From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	10-Oct-14 08	24-Oct-14 18	0d												
A8460	SR8 Bench Excavation From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	25-Oct-14 08	08-Nov-14 18	0d												
A8465	SR8 Bench Excavation From East, CH 4115- 4100 = 15m	7d/wk-1a	23d	09-Nov-14 08	01-Dec-14 18	0d												
Tunnel Lining Works																		
From West - Base Slab (10m/bay, 10m separation with benching excavation)																		
A8525	SR8, From West, CH 4015 - 4025 = 10m/bay, base slab	7d/wk-1a	10d	15-Sep-14 08 A	04-Oct-14 18	137d												
A8530	SR8, From West, CH 4025 - 4035 = 10m/bay, base slab	7d/wk-1a	10d	05-Oct-14 08	14-Oct-14 18	163d												
A8535	SR8, From West, CH 4035 - 4045 = 10m/bay, base slab	7d/wk-1a	8d	15-Oct-14 08	22-Oct-14 18	165d												
A8540	SR8, From West, CH 4045 - 4055 = 10m/bay, base slab	7d/wk-1a	8d	23-Oct-14 08	30-Oct-14 18	165d												
A8545	SR8, From West, CH 4055 - 4065 = 10m/bay, base slab	7d/wk-1a	8d	05-Nov-14 08	12-Nov-14 18	160d												
A8550	SR8, From West, CH 4065 - 4075 = 10m/bay, base slab	7d/wk-1a	8d	25-Nov-14 08	02-Dec-14 18	148d												
A8555	SR8, From West, CH 4075 - 4085 = 10m/bay, base slab	7d/wk-1a	8d	05-Dec-14 08	12-Dec-14 18	148d												
A8560	SR8, From West, CH 4085 - 4095 = 10m/bay, base slab	7d/wk-1a	8d	13-Dec-14 08	20-Dec-14 18	150d												
A8561	SR8, From West, CH 4095 - 4105 = 10m/bay, base slab	7d/wk-1a	8d	21-Dec-14 08	29-Dec-14 18	152d												
A8562	SR8, From West, CH 4105 - 4115 = 10m/bay, base slab	7d/wk-1a	8d	30-Dec-14 08	07-Jan-15 18	154d												
From West - Lining (5m/bay, 10m separation with base slab)																		
A8575	SR8, From West, CH 3995 - 4000 = 1bay, lining	7d/wk-1a	9d	20-Sep-14 08	28-Sep-14 18	0d												
A8580	SR8, From West, CH 4000 - 4005 = 1bay, lining	7d/wk-1a	9d	05-Oct-14 08	13-Oct-14 18	137d												
A8585	SR8, From West, CH 4005 - 4010 = 1bay, lining	7d/wk-1a	9d	14-Oct-14 08	22-Oct-14 18	137d												
A8590	SR8, From West, CH 4010 - 4015 = 1bay, lining	7d/wk-1a	9d	23-Oct-14 08	31-Oct-14 18	137d												

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A8595	SR8, From West, CH 4015 - 4020 = 1bay, lining	7d/wk-1a	9d	01-Nov-14 08	09-Nov-14 18	137d											
A8600	SR8, From West, CH 4020 - 4025 = 1bay, lining	7d/wk-1a	9d	10-Nov-14 08	18-Nov-14 18	137d											
A8605	SR8, From West, CH 4025 - 4030 = 1bay, lining	7d/wk-1a	5d	19-Nov-14 08	23-Nov-14 18	137d											
A8610	SR8, From West, CH 4030 - 4035 = 1bay, lining	7d/wk-1a	5d	24-Nov-14 08	28-Nov-14 18	137d											
A8615	SR8, From West, CH 4035 - 4040 = 1bay, lining	7d/wk-1a	5d	29-Nov-14 08	03-Dec-14 18	137d											
A8620	SR8, From West, CH 4040 - 4045 = 1bay, lining	7d/wk-1a	5d	04-Dec-14 08	08-Dec-14 18	137d											
A8625	SR8, From West, CH 4045 - 4050 = 1bay, lining	7d/wk-1a	5d	09-Dec-14 08	13-Dec-14 18	137d											
A8630	SR8, From West, CH 4050 - 4055 = 1bay, lining	7d/wk-1a	5d	14-Dec-14 08	18-Dec-14 18	137d											
A8635	SR8, From West, CH 4055 - 4060 = 1bay, lining	7d/wk-1a	5d	19-Dec-14 08	23-Dec-14 18	137d											
A8640	SR8, From West, CH 4060 - 4065 = 1bay, lining	7d/wk-1a	5d	24-Dec-14 08	29-Dec-14 18	137d											
A8645	SR8, From West, CH 4065 - 4070 = 1bay, lining	7d/wk-1a	5d	30-Dec-14 08	04-Jan-15 18	137d											
A8647	SR8, From West, CH 4070 - 4075 = 1bay, lining	7d/wk-1a	5d	05-Jan-15 08	09-Jan-15 18	137d											
A8648	SR8, From West, CH 4075 - 4080 = 1bay, lining	7d/wk-1a	5d	10-Jan-15 08	14-Jan-15 18	137d											
A8649	SR8, From West, CH 4080 - 4085 = 1bay, lining	7d/wk-1a	5d	15-Jan-15 08	19-Jan-15 18	137d											
A8651	SR8, From West, CH 4085 - 4090 = 1bay, lining	7d/wk-1a	5d	20-Jan-15 08	24-Jan-15 18	137d											
A8652	SR8, From West, CH 4090 - 4095 = 1bay, lining	7d/wk-1a	5d	25-Jan-15 08	29-Jan-15 18	137d											
A8653	SR8, From West, CH 4095 - 4100 = 1bay, lining	7d/wk-1a	5d	30-Jan-15 08	03-Feb-15 18	137d											
A8654	SR8, From West, CH 4100 - 4105 = 1bay, lining	7d/wk-1a	5d	04-Feb-15 08	08-Feb-15 18	137d											
From East - Base Slab (10m/bay, 10m separation with benching excavation)																	
A9775	SR8 From East, CH 4149.5 - 4145 = 4.5m, base slab	7d/wk-1a	8d	02-Dec-14 08	09-Dec-14 18	0d											
A9780	SR8 From East, CH 4145 - 4135 = 10m/bay, base slab	7d/wk-1a	8d	10-Dec-14 08	17-Dec-14 18	0d											
A9785	SR8 From East, CH 4135 - 4125 = 10m/bay, base slab	7d/wk-1a	8d	18-Dec-14 08	26-Dec-14 18	8d											
A9786	SR8 From East, CH 4125 - 4115 = 10m/bay, base slab	7d/wk-1a	8d	27-Dec-14 08	04-Jan-15 18	10d											
From East - Lining (5m/bay, 10m separation with base slab)																	
A9820	From East, SR8 CH 4149.5 - 4145 = 4.5m, 1 bay, lining	7d/wk-1a	5d	18-Dec-14 08	22-Dec-14 18	0d											
A9815	From East, SR8 CH 4145 - 4140 = 1bay, lining	7d/wk-1a	5d	23-Dec-14 08	28-Dec-14 18	6d											
A9810	From East, SR8 CH 4140 - 4135 = 1bay, lining	7d/wk-1a	5d	29-Dec-14 08	03-Jan-15 18	6d											
A9805	From East, SR8 CH 4135 - 4130 = 1bay, lining	7d/wk-1a	5d	04-Jan-15 08	08-Jan-15 18	6d											

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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

Prepared by William Caluza

Date	Revision	Checked	Approved
26-Sep...	1st submission		



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

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
A9870	From East, SR8 CH 4130 - 4125 = 1bay, lining	7d/wk-1a	5d	09-Jan-15 08	13-Jan-15 18	6d		■	From East, SR8 CH 4130 - 4125 = 1bay, lining				
A9800	From East, SR8 CH 4125 - 4120 = 1bay, lining	7d/wk-1a	5d	14-Jan-15 08	18-Jan-15 18	143d		■	From East, SR8 CH 4125 - 4120 = 1bay, lining				
A9860	From East, SR8 CH 4120 - 4115 = 1bay, lining	7d/wk-1a	5d	19-Jan-15 08	23-Jan-15 18	143d		■	From East, SR8 CH 4120 - 4115 = 1bay, lining				
A9855	From East, SR8 CH 4115 - 4110 = 1bay, lining	7d/wk-1a	5d	24-Jan-15 08	28-Jan-15 18	143d		■	From East, SR8 CH 4115 - 4110 = 1bay, lining				
A9850	From East, SR8 CH 4110 - 4105 = 1bay, lining	7d/wk-1a	5d	29-Jan-15 08	02-Feb-15 18	143d		■	From East, SR8 CH 4110 - 4105 = 1bay, lining				
OHVD(10m/bay) / Utility Trough													
A8570	SR8 Tunnel OHVD and utility trough =, 167= 17 bays @ 10m/bay @ 7d/bay	7d/wk-1a	120d	09-Feb-15 08	13-Jun-15 18	137d		■	SR8 Tunnel OHVD and utility trough =, 167= 17 bays @ 10m/bay @ 7d/bay				
EB Outer Tunnel Excavation													
From West (TPCWAE)													
Outer Bench Excavation (1.5d - 2d/m, 20m separation with heading)													
A9550	EB, Outer Bench From West, CH 4035- 4045 = 10m	7d/wk-1a	30d	07-Aug-14 08 A	20-Oct-14 18	135d	■	EB, Outer Bench From West, CH 4035- 4045 = 10m					
A9555	EB, Outer Bench From West, CH 4045- 4055 = 10m (2d/m)	7d/wk-1a	20d	20-Oct-14 08	08-Nov-14 18	135d	■	EB, Outer Bench From West, CH 4045- 4055 = 10m (2d/m)					
A9560	EB, Outer Bench From West, CH 4055- 4065 = 10m (2d/m)	7d/wk-1a	20d	09-Nov-14 08	28-Nov-14 18	135d	■	EB, Outer Bench From West, CH 4055- 4065 = 10m (2d/m)					
A9565	EB, Outer Bench From West, CH 4065- 4075 = 10m (2d/m)	7d/wk-1a	20d	29-Nov-14 08	18-Dec-14 18	135d	■	EB, Outer Bench From West, CH 4065- 4075 = 10m (2d/m)					
A9520	EB, Outer Bench From West, CH 4075- 4085 = 10m (2d/m)	7d/wk-1a	20d	19-Dec-14 08	09-Jan-15 18	135d	■	EB, Outer Bench From West, CH 4075- 4085 = 10m (2d/m)					
A9545	EB, Outer Bench From West, CH 4085- 4095 = 10m 1.5d/m)	7d/wk-1a	15d	10-Jan-15 08	24-Jan-15 18	135d	■	EB, Outer Bench From West, CH 4085- 4095 = 10m 1.5d/m)					
From East (TS4)													
Outer Bench Excavation (1.5d-2d/m, 20m separation with heading)													
A9605	EB, Outer Bench From East, CH 4147.5 - 4145 = 2.5m	7d/wk-1a	30d	20-Oct-14 08*	18-Nov-14 18	120d	■	EB, Outer Bench From East, CH 4147.5 - 4145 = 2.5m					
A9610	EB, Outer Bench From East, CH 4145- 4135 = 10m (2d/m)	7d/wk-1a	20d	19-Nov-14 08	08-Dec-14 18	120d	■	EB, Outer Bench From East, CH 4145- 4135 = 10m (2d/m)					
A9615	EB, Outer Bench From East, CH 4135- 4125 = 10m (2d/m)	7d/wk-1a	20d	09-Dec-14 08	29-Dec-14 18	120d	■	EB, Outer Bench From East, CH 4135- 4125 = 10m (2d/m)					
A9620	EB, Outer Bench From East, CH 4125- 4115 = 10m (2d/m)	7d/wk-1a	20d	30-Dec-14 08	19-Jan-15 18	120d	■	EB, Outer Bench From East, CH 4125- 4115 = 10m (2d/m)					
A9625	EB, Outer Bench From East, CH 4115- 4105 = 10m (2d/m)	7d/wk-1a	20d	20-Jan-15 08	08-Feb-15 18	120d	■	EB, Outer Bench From East, CH 4115- 4105 = 10m (2d/m)					
A9630	EB, Outer Bench From East, CH 4105- 4095 = 10m (1.5d/m)	7d/wk-1a	15d	09-Feb-15 08	26-Feb-15 18	120d	■	EB, Outer Bench From East, CH 4105- 4095 = 10m (1.5d/m)					
EB (Inner Tunnel Excavation + Lining)													
From West (TPCWAE)													
Inner Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)													
A8805	EB, Inner Heading From West, CH 3992- 4005 = 13m @3d/m	7d/wk-1a	39d	29-Sep-14 08	07-Nov-14 18	0d	■	EB, Inner Heading From West, CH 3992- 4005 = 13m @3d/m					
A8815	EB, Inner Heading From West, CH 4005- 4015 = 10m @2d/m	7d/wk-1a	20d	08-Nov-14 08	27-Nov-14 18	0d	■	EB, Inner Heading From West, CH 4005- 4015 = 10m @2d/m					

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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

Prepared by William Caluza

Date	Revision	Checked	Approved
26-Sep...	1st submission		



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

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016				
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
A8820	EB,Inner Heading From West , CH 4015- 4025 = 10m @2d/m	7d/wk-1a	20d	28-Nov-14 08	17-Dec-14 18	0d		■	■						
A8780	EB,Inner Heading From West, CH 4025- 4035 = 10m @2d/m	7d/wk-1a	20d	18-Dec-14 08	08-Jan-15 18	0d		■	■						
A8810	EB,Inner Heading From West , CH 4035- 4045 = 10m @2d/m	7d/wk-1a	20d	09-Jan-15 08	28-Jan-15 18	0d		■	■						
A8785	EB,Inner Heading From West , CH 4045- 4055 = 10m @2d/m	7d/wk-1a	20d	29-Jan-15 08	17-Feb-15 18	0d		■	■						
A8790	EB,Inner Heading From West, CH 4055- 4065 = 10m @ 2d/m	7d/wk-1a	20d	18-Feb-15 08	12-Mar-15 18	0d		■	■						
A8795	EB,Inner Heading From West , CH 4065- 4075 = 10m, @ 2d/m	7d/wk-1a	20d	13-Mar-15 08	01-Apr-15 18	0d		■	■						
A8800	EB,Inner Heading From West, CH 4075- 4085 = 10m @ 2d/m	7d/wk-1a	20d	02-Apr-15 08	22-Apr-15 18	0d		■	■						
A8825	EB,Inner Heading From West, CH 4085- 4095 = 10m @ 2d/m	7d/wk-1a	20d	23-Apr-15 08	13-May-15 18	0d		■	■						
Inner Bench Excavation (1.5-2d/m, 20m separation with heading)															
A8765	EB, Inner Bench From West, CH 3992-4005 = 13m (2d/m)	7d/wk-1a	26d	08-Nov-14 08	03-Dec-14 18	23d		■							
A8770	EB, Inner Bench From West,CH 4005- 4015 = 10m	7d/wk-1a	15d	18-Dec-14 08	03-Jan-15 18	9d		■							
A8775	EB, Inner Bench From West,CH 4015- 4025 = 10m	7d/wk-1a	15d	09-Jan-15 08	23-Jan-15 18	4d		■							
A8735	EB, Inner Bench From West,CH 4025- 4035 = 10m	7d/wk-1a	15d	29-Jan-15 08	12-Feb-15 18	14d		■							
A8740	EB, Inner Bench From West,CH 4035- 4045 = 10m	7d/wk-1a	15d	18-Feb-15 08	07-Mar-15 18	11d		■							
A8745	EB, Inner Bench From West,CH 4045- 4055 = 10m	7d/wk-1a	15d	13-Mar-15 08	27-Mar-15 18	6d		■							
A8750	EB, Inner Bench From West,CH 4055- 4065 = 10m	7d/wk-1a	15d	02-Apr-15 08	17-Apr-15 18	1d		■							
A8755	EB, Inner Bench From West,CH 4065- 4075 = 10m	7d/wk-1a	15d	18-Apr-15 08	03-May-15 18	1d		■							
A8760	EB, Inner Bench From West,CH 4075- 4085 = 10m	7d/wk-1a	15d	05-May-15 08	19-May-15 18	0d		■							
A8761	EB, Inner Bench From West,CH 4085- 4095 = 10m	7d/wk-1a	15d	20-May-15 08	03-Jun-15 18	0d		■							
From East (TS4)															
Inner Heading Excavation (3d/m, 24h/day work shift, 7d/week, no work on statutory holiday)															
A8835	EB,Inner Heading From East, CH 4147.5 to 4145 = 2.5m, @ 3d/m	7d/wk-1a	8d	06-Jan-15 08	13-Jan-15 18	0d		■							
A8850	EB,Inner Heading From East, CH 4145- 4135 = 10m, @ 3d/m	7d/wk-1a	30d	14-Jan-15 08	12-Feb-15 18	0d		■							
A8830	EB,Inner Heading From East, CH 4135- 4125 = 10m @2d/m	7d/wk-1a	20d	13-Feb-15 08	07-Mar-15 18	0d		■							
A8840	EB,Inner Heading From East, CH 4125- 4115 = 10m @2d/m	7d/wk-1a	20d	08-Mar-15 08	27-Mar-15 18	0d		■							
A9910	EB,Inner Heading From East, CH 4115- 4105 = 10m @2d/m	7d/wk-1a	20d	28-Mar-15 08	17-Apr-15 18	0d		■							
A8845	EB,Inner Heading From East, CH 4105- 4095 = 10m @2d/m	7d/wk-1a	20d	18-Apr-15 08	08-May-15 18	0d		■							
Inner Bench Excavation (1.5d-2d/m, 20m separation with heading)															
A8860	EB,Inner Bench From East, CH 4147.5 - 4145 = 2.5m	7d/wk-1a	4d	08-Mar-15 08	11-Mar-15 18	11d		■							

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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

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

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
A8865	EB, Inner Bench From East, CH 4145- 4135 = 10m	7d/wk-1a	15d	12-Mar-15 08	26-Mar-15 18	11d			■ EB, Inner Bench From East, CH 4145- 4135 = 10m					
A8870	EB, Inner Bench From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	28-Mar-15 08	12-Apr-15 18	10d			■ EB, Inner Bench From East, CH 4135- 4125 = 10m					
A8855	EB, Inner Bench From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	18-Apr-15 08	03-May-15 18	5d			■ EB, Inner Bench From East, CH 4125- 4115 = 10m					
A8875	EB, Inner Bench From East, CH 4115- 4105 = 10m	7d/wk-1a	15d	09-May-15 08	23-May-15 18	0d			■ EB, Inner Bench From East, CH 4115- 4105 = 10m					
A9915	EB, Inner Bench From East, CH 4105- 4095 = 10m	7d/wk-1a	15d	24-May-15 08	08-Jun-15 18	0d			■ EB, Inner Bench From East, CH 4105- 4095 = 10m					
Tunnel Lining Works														
From West Base Slab (10m/bay, 10m separation with benching excavation)														
A8900	EB From West, Base Slab CH 3990 - 3995 = 1 bay	7d/wk-1a	10d	04-Dec-14 08	13-Dec-14 18	33d			■ EB From West, Base Slab CH 3990 - 3995 = 1 bay					
A8890	EB From West, Base Slab CH 3995 - 4005 = 10m/bay	7d/wk-1a	10d	04-Jan-15 08	13-Jan-15 18	14d			■ EB From West, Base Slab CH 3995 - 4005 = 10m/bay					
A8905	EB From West, Base Slab CH 4005 - 4015 = 10m/bay	7d/wk-1a	10d	24-Jan-15 08	02-Feb-15 18	4d			■ EB From West, Base Slab CH 4005 - 4015 = 10m/bay					
A8910	EB From West, Base Slab CH 4015 - 4025 = 10m/bay	7d/wk-1a	10d	13-Feb-15 08	25-Feb-15 18	14d			■ EB From West, Base Slab CH 4015 - 4025 = 10m/bay					
A8915	EB From West, Base Slab CH 4025 - 4035 = 10m/bay	7d/wk-1a	10d	08-Mar-15 08	17-Mar-15 18	12d			■ EB From West, Base Slab CH 4025 - 4035 = 10m/bay					
A8920	EB From West, Base Slab CH 4035 - 4045 = 10m/bay	7d/wk-1a	10d	28-Mar-15 08	07-Apr-15 18	8d			■ EB From West, Base Slab CH 4035 - 4045 = 10m/bay					
A8925	EB From West, Base Slab CH 4045 - 4055 = 10m/bay	7d/wk-1a	10d	18-Apr-15 08	27-Apr-15 18	4d			■ EB From West, Base Slab CH 4045 - 4055 = 10m/bay					
A8930	EB From West, Base Slab CH 4055 - 4065 = 10m/bay	7d/wk-1a	10d	04-May-15 08	13-May-15 18	5d			■ EB From West, Base Slab CH 4055 - 4065 = 10m/bay					
A8880	EB From West, Base Slab CH 4065 - 4075 = 10m/bay	7d/wk-1a	10d	20-May-15 08	29-May-15 18	5d			■ EB From West, Base Slab CH 4065 - 4075 = 10m/bay					
A8885	EB From West, Base Slab CH 4075 - 4085 = 10m/bay	7d/wk-1a	10d	04-Jun-15 08	13-Jun-15 18	0d			■ EB From West, Base Slab CH 4075 - 4085 = 10m/bay					
A8895	EB From West, Base Slab CH 4085 - 4095 = 10m/bay	7d/wk-1a	10d	14-Jun-15 08	24-Jun-15 18	0d			■ EB From West, Base Slab CH 4085 - 4095 = 10m/bay					
From East Base Slab (10m/bay, 10m separation with benching excavation)														
A9905	EB From East, Base Slab CH 4149.5 - 4145 = 4.5m	7d/wk-1a	10d	13-Apr-15 08	22-Apr-15 18	26d			■ EB From East, Base Slab CH 4149.5 - 4145 = 4.5m					
A9900	EB From East, Base Slab CH 4145 - 4135 = 10m/bay	7d/wk-1a	10d	04-May-15 08	13-May-15 18	16d			■ EB From East, Base Slab CH 4145 - 4135 = 10m/bay					
A9895	EB From East, Base Slab CH 4135 - 4125 = 10m/bay	7d/wk-1a	10d	24-May-15 08	02-Jun-15 18	6d			■ EB From East, Base Slab CH 4135 - 4125 = 10m/bay					
A9890	EB From East, Base Slab CH 4125 - 4115 = 10m/bay	7d/wk-1a	10d	09-Jun-15 08	18-Jun-15 18	0d			■ EB From East, Base Slab CH 4125 - 4115 = 10m/bay					
A9885	EB From East, Base Slab CH 4115 - 4105 = 10m/bay	7d/wk-1a	10d	19-Jun-15 08	29-Jun-15 18	0d			■ EB From East, Base Slab CH 4115 - 4105 = 10m/bay					
A9880	EB From East, Base Slab CH 4105 - 4095 = 10m/bay	7d/wk-1a	10d	30-Jun-15 08	10-Jul-15 18	0d			■ EB From East, Base Slab CH 4105 - 4095 = 10m/bay					
Lining (5m/bay, 15m separation with base slab)														
A9065	EB From West, Lining CH 3990 - 3995 = 1bay	7d/wk-1a	10d	03-Feb-15 08	12-Feb-15 18	4d			■ EB From West, Lining CH 3990 - 3995 = 1bay					
A9005	EB From West, Lining CH 3995 - 4000 = 1bay	7d/wk-1a	10d	13-Feb-15 08	25-Feb-15 18	4d			■ EB From West, Lining CH 3995 - 4000 = 1bay					
A9090	EB From West, Lining CH 4000 - 4005 = 1bay	7d/wk-1a	10d	26-Feb-15 08	07-Mar-15 18	4d			■ EB From West, Lining CH 4000 - 4005 = 1bay					

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China State Construction Engineering (Hong Kong) Ltd

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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2
A9050	EB From West, Lining CH 4005 - 4010 = 1bay	7d/wk-1a	10d	08-Mar-15 08	17-Mar-15 18	4d			■ EB From West, Lining CH 4005 - 4010 = 1bay				
A9055	EB From West, Lining CH 4010 - 4015 = 1bay	7d/wk-1a	10d	18-Mar-15 08	27-Mar-15 18	4d			■ EB From West, Lining CH 4010 - 4015 = 1bay				
A9080	EB From West, Lining CH 4015 - 4020 = 1bay	7d/wk-1a	10d	26-Mar-15 08	05-Apr-15 18	4d			■ EB From West, Lining CH 4015 - 4020 = 1bay				
A9070	EB From West, Lining CH 4020 - 4025 = 1bay	7d/wk-1a	10d	03-Apr-15 08	13-Apr-15 18	4d			■ EB From West, Lining CH 4020 - 4025 = 1bay				
A9075	EB From West, Lining CH 4025 - 4030 = 1bay	7d/wk-1a	10d	12-Apr-15 08	21-Apr-15 18	4d			■ EB From West, Lining CH 4025 - 4030 = 1bay				
A9080	EB From West, Lining CH 4030 - 4035 = 1bay	7d/wk-1a	10d	20-Apr-15 08	29-Apr-15 18	4d			■ EB From West, Lining CH 4030 - 4035 = 1bay				
A9085	EB From West, Lining CH 4035 - 4040 = 1bay	7d/wk-1a	10d	28-Apr-15 08	08-May-15 18	4d			■ EB From West, Lining CH 4035 - 4040 = 1bay				
A9015	EB From West, Lining CH 4040 - 4045 = 1bay	7d/wk-1a	10d	07-May-15 08	16-May-15 18	4d			■ EB From West, Lining CH 4040 - 4045 = 1bay				
A9020	EB From West, Lining CH 4045 - 4050 = 1bay	7d/wk-1a	10d	15-May-15 08	24-May-15 18	4d			■ EB From West, Lining CH 4045 - 4050 = 1bay				
A9025	EB From West, Lining CH 4050 - 4055 = 1bay	7d/wk-1a	10d	23-May-15 08	01-Jun-15 18	4d			■ EB From West, Lining CH 4050 - 4055 = 1bay				
A9030	EB From West, Lining CH 4055 - 4060 = 1bay	7d/wk-1a	10d	31-May-15 08	09-Jun-15 18	4d			■ EB From West, Lining CH 4055 - 4060 = 1bay				
A9035	EB From West, Lining CH 4060 - 4065 = 1bay	7d/wk-1a	10d	07-Jun-15 08	16-Jun-15 18	4d			■ EB From West, Lining CH 4060 - 4065 = 1bay				
A9040	EB From West, Lining CH 4065 - 4070 = 1bay	7d/wk-1a	10d	14-Jun-15 08	24-Jun-15 18	4d			■ EB From West, Lining CH 4065 - 4070 = 1bay				
A9045	EB From West, Lining CH 4070 - 4075 = 1bay	7d/wk-1a	10d	25-Jun-15 08	05-Jul-15 18	0d			■ EB From West, Lining CH 4070 - 4075 = 1bay				
A8955	EB From West, Lining CH 4075 - 4080 = 1bay	7d/wk-1a	10d	30-Jun-15 08	10-Jul-15 18	0d			■ EB From West, Lining CH 4075 - 4080 = 1bay				
A8960	EB From West, Lining CH 4080 - 4085 = 1bay	7d/wk-1a	5d	11-Jul-15 08	15-Jul-15 18	0d			■ EB From West, Lining CH 4080 - 4085 = 1bay				
A8970	EB From West, Lining CH 4085 - 4090 = 1bay	7d/wk-1a	5d	16-Jul-15 08	20-Jul-15 18	0d			■ EB From West, Lining CH 4085 - 4090 = 1bay				
A8975	EB From West, Lining CH 4090 - 4095 = 1bay	7d/wk-1a	5d	21-Jul-15 08	25-Jul-15 18	0d			■ EB From West, Lining CH 4090 - 4095 = 1bay				
A8980	EB From West, Lining CH 4095 - 4100 = 1bay	7d/wk-1a	5d	26-Jul-15 08	30-Jul-15 18	0d			■ EB From West, Lining CH 4095 - 4100 = 1bay				
A8985	EB From West, Lining CH 4100 - 4105 = 1bay	7d/wk-1a	5d	31-Jul-15 08	04-Aug-15 18	0d			■ EB From West, Lining CH 4100 - 4105 = 1bay				
A8990	EB From West, Lining CH 4105 - 4110 = 1bay	7d/wk-1a	5d	05-Aug-15 08	09-Aug-15 18	0d			■ EB From West, Lining CH 4105 - 4110 = 1bay				
A8995	EB From West, Lining CH 4110 - 4115 = 1bay	7d/wk-1a	5d	10-Aug-15 08	14-Aug-15 18	0d			■ EB From West, Lining CH 4110 - 4115 = 1bay				
A9000	EB From West, Lining CH 4115 - 4120 = 1bay	7d/wk-1a	5d	15-Aug-15 08	19-Aug-15 18	0d			■ EB From West, Lining CH 4115 - 4120 = 1bay				
A9010	EB From West, Lining CH 4120 - 4125 = 1bay	7d/wk-1a	5d	20-Aug-15 08	24-Aug-15 18	0d			■ EB From West, Lining CH 4120 - 4125 = 1bay				
A8965	EB From West, Lining CH 4125 - 4130 = 1bay	7d/wk-1a	5d	25-Aug-15 08	29-Aug-15 18	0d			■ EB From West, Lining CH 4125 - 4130 = 1bay				
A8935	EB From West, Lining CH 4130 - 4135 = 1bay	7d/wk-1a	5d	30-Aug-15 08	03-Sep-15 18	0d			■ EB From West, Lining CH 4130 - 4135 = 1bay				
A8940	EB From West, Lining CH 4135 - 4140 = 1bay	7d/wk-1a	5d	04-Sep-15 08	08-Sep-15 18	0d			■ EB From West, Lining CH 4135 - 4140 = 1bay				
A8945	EB From West, Lining CH 4140 - 4145 = 1bay	7d/wk-1a	5d	09-Sep-15 08	13-Sep-15 18	0d			■ EB From West, Lining CH 4140 - 4145 = 1bay				
A8950	EB From West, Lining CH 4145 - 4149.5 = 4.5m	7d/wk-1a	5d	14-Sep-15 08	18-Sep-15 18	0d			■ EB From West, Lining CH 4145 - 4149.5 = 4.5m				

- Summary Bar
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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

Prepared by William Caluza			
Date	Revision	Checked	Approved
26-Sep...	1st submission		



Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016						
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
OHVD(10m/bay) / Utility Trough																	
A9095	EB From West OHVD and utility trough =, 167= 17 bays @ 10m/bay @ 7d/bay	7d/wk-1a	120d	03-Jul-15 08	02-Nov-15 18	0d											
WB Outer Tunnel Excavation																	
From West (TPCWAE)																	
Outer Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																	
A9651	WB, Outer Heading From West, CH 4085- 4092.5 = 7.5m @ 2d/m	7d/wk-1a	15d	13-Sep-14 08 A	30-Sep-14 18	163d											
Outer Bench Excavation (1.5d-2d/m, 20m separation with heading)																	
A9680	WB, Outer Bench From West, CH 4025- 4035 = 10m	7d/wk-1a	15d	12-Oct-14 08	26-Oct-14 18	163d											
A9665	WB, Outer Bench From West, CH 4035- 4045 = 10m	7d/wk-1a	15d	27-Oct-14 08	10-Nov-14 18	163d											
A9670	WB, Outer Bench From West, CH 4045- 4055 = 10m	7d/wk-1a	15d	11-Nov-14 08	25-Nov-14 18	163d											
A9675	WB, Outer Bench From West, CH 4055- 4065 = 10m	7d/wk-1a	15d	26-Nov-14 08	10-Dec-14 18	163d											
A9700	WB, Outer Bench From West, CH 4065- 4075 = 10m	7d/wk-1a	15d	11-Dec-14 08	26-Dec-14 18	163d											
A9701	WB, Outer Bench From West, CH 4075- 4082.5 = 7.5m	7d/wk-1a	15d	27-Dec-14 08	11-Jan-15 18	163d											
From East (TS4)																	
Outer Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																	
A9730	WB, Outer Heading From East, CH 4105- 4092.5 = 12.5m @2d/m	7d/wk-1a	25d	30-Aug-14 08 A	30-Sep-14 18	168d											
Outer Bench Excavation (1.5d-2d/m, 20m separation with heading)																	
A9740	WB, Outer Bench From East, CH 4136- 4135 = 1m	7d/wk-1a	2d	12-Oct-14 08	13-Oct-14 18	168d											
A9770	WB, Outer Bench From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	14-Oct-14 08	28-Oct-14 18	168d											
A9745	WB, Outer Bench From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	28-Oct-14 08	11-Nov-14 18	168d											
A9750	WB, Outer Bench From East, CH 4115- 4105 = 10m	7d/wk-1a	15d	11-Nov-14 08	25-Nov-14 18	168d											
A9755	WB, Outer Bench From East, CH 4105- 4095 = 10m	7d/wk-1a	15d	26-Nov-14 08	10-Dec-14 18	168d											
A9760	WB, Outer Bench From East, CH 4095- 4082.5 = 12.5m	7d/wk-1a	25d	11-Dec-14 08	06-Jan-15 18	168d											
WB (Inner Tunnel Excavation + Lining)																	
From West (TPCWAE)																	
Inner Heading Excavation (2-3d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																	
A9130	WB, Inner Heading From West, CH 3993- 4005 = 12m @3d/m	7d/wk-1a	50d	29-Sep-14 08	18-Nov-14 18	0d											
A9135	WB, Inner Heading From West, CH 4005- 4015 = 10m @2d/m	7d/wk-1a	20d	19-Nov-14 08	08-Dec-14 18	0d											
A9140	WB, Inner Heading From West, CH 4015- 4025 = 10m @2d/m	7d/wk-1a	20d	09-Dec-14 08	29-Dec-14 18	0d											

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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

Prepared by William Caluza			
Date	Revision	Checked	Approved
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Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016				
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
A9100	WB,Inner Heading From West, CH 4025- 4035 = 10m @2d/m	7d/wk-1a	20d	30-Dec-14 08	19-Jan-15 18	0d		■	■	■	■				
A9105	WB,Inner Heading From West, CH 4035- 4045 = 10m @2d/m	7d/wk-1a	20d	20-Jan-15 08	08-Feb-15 18	0d		■	■	■	■				
A9110	WB,Inner Heading From West, CH 4045- 4055 = 10m @2d/m	7d/wk-1a	20d	09-Feb-15 08	03-Mar-15 18	0d		■	■	■	■				
A9115	WB,Inner Heading From West, CH 4055- 4065 = 10m @ 2d/m	7d/wk-1a	20d	04-Mar-15 08	23-Mar-15 18	0d		■	■	■	■				
A9120	WB,Inner Heading From West, CH 4065- 4075 = 10m, @ 2d/m	7d/wk-1a	20d	24-Mar-15 08	13-Apr-15 18	0d		■	■	■	■				
A9125	WB,Inner Heading From West, CH 4075- 4085 = 10m @ 2d/m	7d/wk-1a	20d	14-Apr-15 08	04-May-15 18	0d		■	■	■	■				
Inner Bench Excavation (1.5d-2d/m, 20m separation with heading)															
A9180	WB,Inner Bench From West, CH 3993- 4005 = 12m	7d/wk-1a	18d	30-Dec-14 08	17-Jan-15 18	27d		■	■	■	■				
A9205	WB,Inner Bench From West, CH 4005- 4015 = 10m	7d/wk-1a	15d	20-Jan-15 08	03-Feb-15 18	25d		■	■	■	■				
A9190	WB,Inner Bench From West, CH 4015- 4025 = 10m	7d/wk-1a	15d	09-Feb-15 08	26-Feb-15 18	20d		■	■	■	■				
A9185	WB,Inner Bench From West, CH 4025- 4035 = 10m	7d/wk-1a	15d	04-Mar-15 08	18-Mar-15 18	15d		■	■	■	■				
A9155	WB,Inner Bench From West, CH 4035- 4045 = 10m	7d/wk-1a	15d	24-Mar-15 08	08-Apr-15 18	10d		■	■	■	■				
A9160	WB,Inner Bench From West, CH 4045- 4055 = 10m	7d/wk-1a	15d	14-Apr-15 08	28-Apr-15 18	5d		■	■	■	■				
A9165	WB,Inner Bench From West, CH 4055- 4065 = 10m	7d/wk-1a	15d	05-May-15 08	19-May-15 18	0d		■	■	■	■				
A9170	WB,Inner Bench From West, CH 4065- 4075 = 10m	7d/wk-1a	15d	20-May-15 08	03-Jun-15 18	0d		■	■	■	■				
A9175	WB,Inner Bench From West, CH 4075- 4085 = 10m	7d/wk-1a	15d	04-Jun-15 08	18-Jun-15 18	0d		■	■	■	■				
From East (TS4)															
Inner Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)															
A9210	WB,Inner Heading From East, CH 4135- 4125 = 10m @2d/m	7d/wk-1a	20d	14-Jan-15 08	02-Feb-15 18	6d		■	■	■	■				
A9215	WB,Inner Heading From East, CH 4125- 4115 = 10m @2d/m	7d/wk-1a	20d	03-Feb-15 08	25-Feb-15 18	6d		■	■	■	■				
A9230	WB,Inner Heading From East, CH 4115- 4105 = 10m @2d/m	7d/wk-1a	20d	26-Feb-15 08	17-Mar-15 18	6d		■	■	■	■				
A9232	WB,Inner Heading From East, CH 4105- 4095 = 10m @2d/m	7d/wk-1a	20d	18-Mar-15 08	07-Apr-15 18	6d		■	■	■	■				
A9225	WB,Inner Heading From East, CH 4095- 4085 = 10m @2d/m	7d/wk-1a	20d	08-Apr-15 08	27-Apr-15 18	6d		■	■	■	■				
Inner Bench Excavation (1.5d-2d/m, 20m separation with heading)															
A9235	WB,Inner Bench From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	18-Mar-15 08	01-Apr-15 18	16d		■	■	■	■				
A9240	WB,Inner Bench From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	08-Apr-15 08	22-Apr-15 18	11d		■	■	■	■				
A9245	WB,Inner Bench From East, CH 4115- 4105 = 10m	7d/wk-1a	15d	28-Apr-15 08	13-May-15 18	6d		■	■	■	■				
A9247	WB,Inner Bench From East, CH 4105- 4095 = 10m	7d/wk-1a	15d	14-May-15 08	28-May-15 18	6d		■	■	■	■				
A9250	WB,Inner Bench From East, CH 4095- 4085 = 10m	7d/wk-1a	15d	29-May-15 08	12-Jun-15 18	6d		■	■	■	■				

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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

Prepared by William Caluza

Date	Revision	Checked	Approved
26-Sep...	1st submission		



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

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015					2016					
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
Tunnel Lining Works																	
From West Base Slab (10m/bay, 10m separation with benching excavation)																	
A9295	WB From West, Base Slab CH 3990 - 3995 = 5m bay	7d/wk-1a	10d	18-Jan-15 08	27-Jan-15 18	37d											
A9320	WB From West, Base Slab CH 3995 - 4005 = 10m/bay	7d/wk-1a	10d	04-Feb-15 08	13-Feb-15 18	30d											
A9255	WB From West, Base Slab CH 4005 - 4015 = 10m/bay	7d/wk-1a	10d	27-Feb-15 08	08-Mar-15 18	50d											
A9280	WB From West, Base Slab CH 4015 - 4025 = 10m/bay	7d/wk-1a	10d	19-Mar-15 08	28-Mar-15 18	40d											
A9265	WB From West, Base Slab CH 4025 - 4035 = 10m/bay	7d/wk-1a	10d	09-Apr-15 08	18-Apr-15 18	30d											
A9300	WB From West, Base Slab CH 4035 - 4045 = 10m/bay	7d/wk-1a	10d	29-Apr-15 08	09-May-15 18	20d											
A9325	WB From West, Base Slab CH 4045 - 4055 = 10m/bay	7d/wk-1a	10d	20-May-15 08	29-May-15 18	10d											
A9305	WB From West, Base Slab CH 4055 - 4065 = 10m/bay	7d/wk-1a	10d	04-Jun-15 08	13-Jun-15 18	5d											
A9310	WB From West, Base Slab CH 4065 - 4075 = 10m/bay	7d/wk-1a	10d	19-Jun-15 08	29-Jun-15 18	0d											
A9315	WB From West, Base Slab CH 4075 - 4080 = 5m	7d/wk-1a	10d	30-Jun-15 08	10-Jul-15 18	0d											
From East Base Slab (10m/bay, 10m separation with benching excavation)																	
A9960	WB From East, Base Slab CH 4135 - 4125 = 10m/bay	7d/wk-1a	10d	23-Apr-15 08	03-May-15 18	26d											
A9955	WB From East, Base Slab CH 4125 - 4115 = 10m/bay	7d/wk-1a	10d	14-May-15 08	23-May-15 18	16d											
A9950	WB From East, Base Slab CH 4115 - 4105 = 10m/bay	7d/wk-1a	10d	29-May-15 08	07-Jun-15 18	11d											
A9945	WB From East, Base Slab CH 4105 - 4095 = 10m/bay	7d/wk-1a	10d	13-Jun-15 08	23-Jun-15 18	6d											
A9940	WB From East, Base Slab CH 4095 - 4085 = 10m/bay	7d/wk-1a	10d	24-Jun-15 08	04-Jul-15 18	6d											
A9941	WB From East, Base Slab CH 4085 - 4080 = 5m	7d/wk-1a	10d	05-Jul-15 08	14-Jul-15 18	6d											
Lining (5m/bay, 10m separation with base slab)																	
A9430	WB From West, Lining CH 3990 - 3995 = 1bay	7d/wk-1a	7d	14-Feb-15 08	23-Feb-15 18	30d											
A9470	WB From West, Lining CH 3995 - 4000 = 1bay	7d/wk-1a	7d	24-Feb-15 08	02-Mar-15 18	30d											
A9435	WB From West, Lining CH 4000 - 4005 = 1bay	7d/wk-1a	7d	03-Mar-15 08	09-Mar-15 18	30d											
A9360	WB From West, Lining CH 4005 - 4010 = 1bay	7d/wk-1a	7d	10-Mar-15 08	16-Mar-15 18	30d											
A9365	WB From West, Lining CH 4010 - 4015 = 1bay	7d/wk-1a	7d	17-Mar-15 08	23-Mar-15 18	30d											
A9370	WB From West, Lining CH 4015 - 4020 = 1bay	7d/wk-1a	7d	24-Mar-15 08	30-Mar-15 18	30d											
A9375	WB From West, Lining CH 4020 - 4025 = 1bay	7d/wk-1a	7d	31-Mar-15 08	07-Apr-15 18	30d											
A9380	WB From West, Lining CH 4025 - 4030 = 1bay	7d/wk-1a	7d	08-Apr-15 08	14-Apr-15 18	30d											
A9385	WB From West, Lining CH 4030 - 4035 = 1bay	7d/wk-1a	7d	15-Apr-15 08	21-Apr-15 18	30d											

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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

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

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
A9390	WB From West, Lining CH 4035 - 4040 = 1bay	7d/wk-1a	7d	22-Apr-15 08	28-Apr-15 18	30d			■ WB From West, Lining CH 4035 - 4040 = 1bay				
A9330	WB From West, Lining CH 4040 - 4045 = 1bay	7d/wk-1a	7d	29-Apr-15 08	06-May-15 18	30d			■ WB From West, Lining CH 4040 - 4045 = 1bay				
A9335	WB From West, Lining CH 4045 - 4050 = 1bay	7d/wk-1a	7d	07-May-15 08	13-May-15 18	30d			■ WB From West, Lining CH 4045 - 4050 = 1bay				
A9340	WB From West, Lining CH 4050 - 4055 = 1bay	7d/wk-1a	7d	14-May-15 08	20-May-15 18	30d			■ WB From West, Lining CH 4050 - 4055 = 1bay				
A9345	WB From West, Lining CH 4055 - 4060 = 1bay	7d/wk-1a	7d	21-May-15 08	27-May-15 18	30d			■ WB From West, Lining CH 4055 - 4060 = 1bay				
A9350	WB From West, Lining CH 4060 - 4065 = 1bay	7d/wk-1a	7d	28-May-15 08	03-Jun-15 18	30d			■ WB From West, Lining CH 4060 - 4065 = 1bay				
A9355	WB From West, Lining CH 4065 - 4070 = 1bay	7d/wk-1a	5d	04-Jun-15 08	08-Jun-15 18	30d			■ WB From West, Lining CH 4065 - 4070 = 1bay				
A9415	WB From West, Lining CH 4070 - 4075 = 1bay	7d/wk-1a	5d	11-Jul-15 08	15-Jul-15 18	0d			■ WB From West, Lining CH 4070 - 4075 = 1bay				
A9475	WB From West, Lining CH 4075 - 4080 = 1bay	7d/wk-1a	5d	16-Jul-15 08	20-Jul-15 18	0d			■ WB From West, Lining CH 4075 - 4080 = 1bay				
A9440	WB From West, Lining CH 4080 - 4085 = 1bay	7d/wk-1a	5d	21-Jul-15 08	25-Jul-15 18	0d			■ WB From West, Lining CH 4080 - 4085 = 1bay				
A9445	WB From West, Lining CH 4085 - 4090 = 1bay	7d/wk-1a	5d	26-Jul-15 08	30-Jul-15 18	0d			■ WB From West, Lining CH 4085 - 4090 = 1bay				
A9450	WB From West, Lining CH 4090 - 4095 = 1bay	7d/wk-1a	5d	31-Jul-15 08	04-Aug-15 18	0d			■ WB From West, Lining CH 4090 - 4095 = 1bay				
A9455	WB From West, Lining CH 4095 - 4100 = 1bay	7d/wk-1a	5d	05-Aug-15 08	09-Aug-15 18	0d			■ WB From West, Lining CH 4095 - 4100 = 1bay				
A9420	WB From West, Lining CH 4100 - 4105 = 1bay	7d/wk-1a	5d	10-Aug-15 08	14-Aug-15 18	0d			■ WB From West, Lining CH 4100 - 4105 = 1bay				
A9425	WB From West, Lining CH 4105 - 4110 = 1bay	7d/wk-1a	5d	15-Aug-15 08	19-Aug-15 18	0d			■ WB From West, Lining CH 4105 - 4110 = 1bay				
A9460	WB From West, Lining CH 4110 - 4115 = 1bay	7d/wk-1a	5d	20-Aug-15 08	24-Aug-15 18	0d			■ WB From West, Lining CH 4110 - 4115 = 1bay				
A9465	WB From West, Lining CH 4115 - 4120 = 1bay	7d/wk-1a	5d	25-Aug-15 08	29-Aug-15 18	0d			■ WB From West, Lining CH 4115 - 4120 = 1bay				
A9395	WB From West, Lining CH 4120 - 4125 = 1bay	7d/wk-1a	5d	30-Aug-15 08	03-Sep-15 18	0d			■ WB From West, Lining CH 4120 - 4125 = 1bay				
A9400	WB From West, Lining CH 4125 - 4130 = 1bay	7d/wk-1a	5d	04-Sep-15 08	08-Sep-15 18	0d			■ WB From West, Lining CH 4125 - 4130 = 1bay				
A9405	WB From West, Lining CH 4130 - 4135 = 1bay	7d/wk-1a	5d	09-Sep-15 08	13-Sep-15 18	0d			■ WB From West, Lining CH 4130 - 4135 = 1bay				
A9410	WB From West, Lining CH 4135 - 4136.5 = 1bay	7d/wk-1a	5d	14-Sep-15 08	18-Sep-15 18	0d			■ WB From West, Lining CH 4135 - 4136.5 = 1bay				
OHVD(10m/bay) / Utility Trough													
A9480	WB From West OHVD and utility trough =, 153= 16 bays @ 10m/bay @ 7d/bay	7d/wk-1a	115d	08-Jul-15 08	02-Nov-15 18	0d			■ WB From West OHVD and utility trough =, 153= 16 bays @ 10				
Completion of KD10- Section 5													
A8445	KD10- Section 2: Completion of Mined Tunnel Works (orig. Target KD10- 2 Nov 2015)	7d/wk-2	0d		02-Nov-15 18*	0d							◆ KD10- Section 2: Completion of Mined Tunnel Works (orig. Tar
Interface works with other Contracts													
S5_60115	Handover TZ6 to MTR	7d/wk-2	0d		30-Sep-14 18	-249d			◆ Handover TZ6 to MTR				
S6_5283	Handover TZ4 to CWB(T2)	7d/wk-2	0d		10-Nov-14 18	-290d			◆ Handover TZ4 to CWB(T2)				
S6_5275	Provide access to CWB (CC) Contractor- TS1 & TS2	7d/wk-2	0d		21-Nov-14 18*	-85d			◆ Provide access to CWB (CC) Contractor- TS1 & TS2				

Summary Bar
 Actual Level of Effort
 Actual Work
 Remaining Work
 Critical Remaining Work
 Milestone

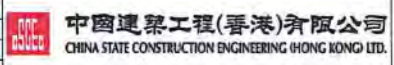
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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

Prepared by William Caluza			
Date	Revision	Checked	Approved
26-Sep...	1st submission		



Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
SB_5280	Provide access to CWB (CC) Contractor- TS4, TPCWA, Mined Tunnel	7d/wk-2	0d		31-Mar-16 18*	-124d								◆ Provide access to CWB (CC) C
Stage and Section Completion														
KD_5735	KD8 - Completion of Section 3, (1326d)	7d/wk-2	0d		30-Sep-14 18*	-86d	◆ KD8 - Completion of Section 3, (1326d)							
KD_5720	KD5 - Achievement of Stage 5, (1152d)	7d/wk-2	0d		16-Oct-14 18*	-323d	◆ KD5 - Achievement of Stage 5, (1152d)							
KD_5760	KD13 - Completion of Section 7B, (1152d)	7d/wk-2	0d		17-Nov-14 18*	-353d	◆ KD13 - Completion of Section 7B, (1152d)							
KD_5730	KD7 - Completion of Section 2, (1152d)	7d/wk-2	0d		17-Nov-14 18*	-297d	◆ KD7 - Completion of Section 2, (1152d)							
KD_5740	KD9 - Completion of Section 4, (1739d)	7d/wk-2	0d		10-Nov-15 18*	-132d							◆ KD9 - Completion of Section 4, (1739d)	
KD_5745	KD10 - Completion of Section 5, (1863d)	7d/wk-2	0d		25-Mar-16 18	-144d							◆ KD10 - Completion of Section 5, (
KD_5750	KD11 - Completion of Section 6, (1949d)	7d/wk-2	0d		23-May-16 18*	-121d							◆ KD11 - Completion of	
Portion Handover Date														
CD_5685	Portion Handover - Portion IV(4), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion IV(4), KD8 +28							
CD_5680	Portion Handover - Portion V (5), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion V (5), KD8 +28							
CD_5695	Portion Handover - Portion VI (6), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion VI (6), KD8 +28							
CD_5735	Portion Handover - Portion XIII (13B), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion XIII (13B), KD8 +28							
CD_5790	Portion Handover - Portion XXII (22), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion XXII (22), KD8 +28							
CD_5670	Portion Handover - Portion III (3), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion III (3), KD8 +28							
CD_5720	Portion Handover - Portion XIII (13A), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XIII (13A), KD7 +28							
CD_5705	Portion Handover - Portion VIII (8), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion VIII (8), KD7 +28							
CD_5730	Portion Handover - Portion XIV (14A), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XIV (14A), KD7 +28							
CD_5740	Portion Handover - Portion XV (15), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XV (15), KD7 +28							
CD_5805	Portion Handover - Portion XXIII (23), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XXIII (23), KD7 +28							
CD_5775	Portion Handover - Portion XVIII (18), KD10 +28	7d/wk-2	0d		30-Nov-15 18*	0d							◆ Portion Handover - Portion XVIII (18), KD10 +28	
CD_5710	Portion Handover - Portion XI (11), KD9 +28	7d/wk-2	0d		27-Dec-15 18*	0d							◆ Portion Handover - Portion XI (11), KD9 +28	
CD_5700	Portion Handover - Portion IX (9), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5745	Portion Handover - Portion XIV (14B), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5755	Portion Handover - Portion XVI (16), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5750	Portion Handover - Portion XVII (17), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5760	Portion Handover - Portion XIX (19), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5780	Portion Handover - Portion XX (20B), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	

- █ Summary Bar
- ▬ Actual Level of Effort
- ▬ Actual Work
- ▬ Remaining Work
- ▬ Critical Remaining Work
- ◆ Milestone

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China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

WORKS PROGRAMME REV. M

Prepared by William Caluza

Date	Revision	Checked	Approved
26-Sep...	1st submission		



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

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
CD_5690	Portion Handover - Portion VII (7), KD11 +28	7d/wk-2	0d		20-Jun-16 18	0d								◆ Portion Handov
CD_5725	Portion Handover - Portion XII (12), KD11 +28	7d/wk-2	0d		20-Jun-16 18	0d								◆ Portion Handov
CD_5715	Portion Handover - Portion X (10), KD11 +28	7d/wk-2	0d		20-Jun-16 18	0d								◆ Portion Handov
CD_5785	Portion Handover - Portion XXA (20A), KD11 +28	7d/wk-2	0d		20-Jun-16 18	0d								◆ Portion Handov
CD_5795	Portion Handover - Portion XXI (21), KD11 +28	7d/wk-2	0d		20-Jun-16 18	0d								◆ Portion Handov

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

18 of 18

China State Construction Engineering (Hong Kong) Ltd
 Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)
WORKS PROGRAMME REV. M

Prepared by William Caluza			
Date	Revision	Checked	Approved
26-Sep...	1st submission		



CEDD Contract No. HK/2012/08
Wan Chai Development Phase II
Central -Wan Chai Bypass at Wan Chai West

Activity ID	Activity Name	Early Start	Early Finish	Remaining Duration	Activity % Complete	2015			
						Mar	Apr	May	Jun
HK/2012/08 Revised Works Programme Rev.4 (Revised as of 28-Feb-15)									
Dredging and Reclamation									
Marine Work Construction									
Zone A2									
Seawall Construction - Zone A2									
MAR10775	Zone A2 - seawall - Type 4, 13 - lay toe block and leveling stone in line with backfilling in zone A2(2)	19-May-15*	02-Jun-15	15	0%				
Zone D									
Seawall Construction - Zone D									
Seawall 2C-L									
MAR12263	Zone D - TTA for demolish existing seawall	28-Feb-15	19-Mar-15	17	0%				
MAR12264	Zone D - Preparation Works & demolish existing seawall	20-Mar-15	02-Sep-15	135	0%				
Works for Section Completion									
Construction									
Section II - MVB Structure									
MVB Substructure - Diaphragm Wall for Portion A&B									
MVB A&B - Pumping Test Preparation/ Pumping Test									
SII10580	Sec II - MVB A&B - pumping test	20-Mar-15*	31-Mar-15	12	0%				
MVB Substructure - ELS & Structural Works for Portion A									
MVB Substructure - ELS for Portion A									
SII10840	Sec II - MVB A - Install Strut L1 at +2.7mPD	10-Feb-15 A	04-Mar-15	4	55.56%				
SII10860	Sec II - MVB A - Excavation down to -1.5mPD	28-Feb-15 A	25-Mar-15	22	0%				
SII10880	Sec II - MVB A - Install Strut L2 at -1.0mPD	05-Mar-15	31-Mar-15	23	0%				
SII10900	Sec II - MVB A - Excavation down to -6.5mPD	25-Mar-15	21-Apr-15	20	0%				
SII10920	Sec II - MVB A - Install Strut L3 at -5.5mPD	01-Apr-15	27-Apr-15	19	0%				
SII10940	Sec II - MVB A - Excavation down to -10.5mPD	22-Apr-15	11-May-15	16	0%				
SII10960	Sec II - MVB A - Install Strut L4 at -9.5mPD	28-Apr-15	23-May-15	22	0%				
SII10980	Sec II - MVB A - Excavation down to -14mPD	14-May-15	30-May-15	14	0%				
SII11000	Sec II - MVB A - Install Strut L5 at -13mPD	19-May-15	12-Jun-15	21	0%				
MVB Substructure - ELS & Structural Works for Portion B									
MVB Substructure - ELS for Portion B									
SII11460	Sec II - MVB B: Install Strut L1 at +2.7mPD	12-Feb-15 A	04-Mar-15	4	55.56%				
SII11480	Sec II - MVB B: Excavation down to -1.0mPD	28-Feb-15 A	25-Mar-15	22	0%				
SII11500	Sec II - MVB B: Install Strut L2 at 0.0mPD	05-Mar-15	31-Mar-15	23	0%				
SII11520	Sec II - MVB B: Excavation down to -5.5mPD	25-Mar-15	21-Apr-15	20	0%				
SII11540	Sec II - MVB B: Install Strut L3 at -4.5mPD	01-Apr-15	27-Apr-15	19	0%				
SII11560	Sec II - MVB B: Excavation down to -9.5mPD	22-Apr-15	11-May-15	16	0%				
SII11580	Sec II - MVB B: Install Strut L4 at -8.5mPD	28-Apr-15	23-May-15	22	0%				
SII11600	Sec II - MVB B: Excavation down to -12.5mPD	14-May-15	30-May-15	14	0%				
SII11620	Sec II - MVB B: Install Strut L5 at -11.5mPD	19-May-15	12-Jun-15	21	0%				
MVB Substructure - Piling Works									
MVB C - Preboed H Piles									
SII10380	Sec II - MVB C - predrilling for preboed H-piles	02-May-15	30-May-15	24	0%				
MVB Substructure - Diaphragm Wall for Portion C									
MVB C - Dwall									
SII10620	Sec II - MVB C - Construct Guide Wall [P42-P43]	10-Mar-15	16-Mar-15	6	0%				
SII10622	Sec II - MVB C - construct Dwall [P42-P43] (1.5m thk on rock)	17-Mar-15	30-Apr-15	35	0%				

- █ Actual Work
- █ Remaining Work
- █ Critical Remain...
- ◆ Milestone

Project Star :22-Jan-13
Project End: 21-Jul-18
Date Date: 28-Feb-15

3 Months Rolling Programme (Non-CRIII Area)
March 2015 to May 2015

Date	Revision	Checked	Approved
01-Mar-15	1		

CEDD Contract No. HK/2012/08
Wan Chai Development Phase II
Central -Wan Chai Bypass at Wan Chai West

Activity ID	Activity Name	Early Start	Early Finish	Remaining Duration	Activity % Complete	2015				
						Mar	Apr	May	Jun	
Section II A - CWB Tunnel & Slip Road Structures and Facilities										
Section II A - CWB Tunnel - Design, Submission and Approval										
CWB Tunnel Temp Work Design for Structure										
SIIA10540	CWB Tunnel - Temp work design for tunnel structural works - prepare & submit to ICE	28-Feb-15	13-Apr-15	45	0%					
SIIA10560	CWB Tunnel - Temp work design for tunnel structural works - ICE check & issue check cert	14-Apr-15	09-May-15	26	0%					
SIIA10580	CWB Tunnel - Temp work design for tunnel structural works - Eng comment & approve	10-May-15	04-Jun-15	26	0%					
CWB CRIII & A1										
CWB CRIII & A1 - Dwall and Pile Construction										
SIIA10710	Sec II A - CWB CRIII - Construct pre-bored H-pile	22-Nov-14 A	07-Apr-15	32	5.88%					
SIIA10730	Sec II A - CWB CRIII - Loading Test	08-Apr-15	02-May-15	18	0%					
SIIA11140	Sec II A - CWB A1 - Construct pre-bored H-pile	31-Oct-14 A	31-Mar-15	27	53.45%					
CWB CRIII & A1 - Pumping Test Preparation/ Pumping Test										
CWB CRIII - Pumping Test Preparation										
SIIA10720	Sec II A - CWB CRIII - D-wall grout curtain / contact grout / fissure grout	01-Feb-15 A	30-Apr-15	49	0%					
SIIA10740	Sec II A - CWB CRIII - D-wall Sonic test / interface core	01-Feb-15 A	30-Apr-15	49	0%					
SIIA10760	Sec II A - CWB CRIII - install dewater/ recharge / observation well	02-May-15	26-May-15	20	0%					
CWB A1 - Pumping Testing Preparation										
SIIA11165	SIIA - CWB A1 - install shear pins to existing bored piles	16-Apr-15	16-May-15	26	0%					
SIIA11220	Sec II A - CWB A1 - D-wall Sonic test	28-Feb-15	15-Apr-15	36	0%					
SIIA11240	Sec II A - CWB A1 - install dewater/ recharge / observation well	27-May-15	18-Jun-15	20	0%					
CWB CRIII - ELS & Tunnel Structure										
CWB CRIII - ELS										
SIIA10820	Sec II A - CWB CRIII: Shoring & Excavation	20-Apr-15	31-Jul-15	85	0%					
CWB A1 - ELS & Tunnel Structure										
CWB A1 - ELS (Top-down Method) Roof										
SIIA11280	Sec II A - CWB A1: Shoring & Excavation (for Roof Slab)	24-Feb-15 A	14-Apr-15	35	12.5%					
CWB A1 - Tunnel Structure (Top down Method) Roof										
SIIA11300	Sec II A - CWB A1: Roof slab (1st Stage)	14-Apr-15	07-May-15	20	0%					
SIIA11440	Sec II A - CWB A1 : Roof slab (2nd Stage)	17-Apr-15	11-May-15	20	0%					
SIIA13040	Sec II A - CWB A1: waterproofing and backfill before Culvert L construction	12-May-15	26-May-15	12	0%					
CWB A1 - ELS Remaining										
SIIA11286	Sec II A - CWB A1 : Shoring & Excavation (Remaining)	27-May-15	31-Jul-15	55	0%					
CWB A1 - Other Works										
SIIA15480	Culvert L - [Summary] Bay 9 to Bay 11 on top of CWB A1 and divert flow	26-May-15	24-Jun-15	25	0%					
CWB B (& A2(1))										
CWB B - Dwall & Piling										
SIIA11520	Sec II A - CWB B (& A2(1)) : Construct Permanent DWall and barrette (1.2m thk on rock)	30-Oct-14 A	30-Apr-15	49	47.31%					
SIIA11525	Sec II A - CWB B (& A2(1)) : Construct temp Dwall (1.2m thk)	05-Nov-14 A	30-Apr-15	49	18.33%					
SIIA11540	Sec II A - CWB B (& A2(1)) : Construct pre-bored H-pile	20-Apr-15	14-Jul-15	70	0%					
SIIA11560	Sec II A - CWB B: Ground treatment to Stop End (MTR CWL)	16-May-15	30-Jul-15	62	0%					
CWB B - Pumping Test Preparation										
SIIA11580	Sec II A - CWB B: Dwall sonic test / interface core	25-Apr-15	08-Jul-15	60	0%					
SIIA11600	Sec II A - CWB B: Dwall precaution grout / fissure grout / grout curtain	25-Apr-15	08-Jul-15	60	0%					
CWB C (W)										
CWB C(W) - Dwall Construction										
SIIA11940	Sec II A - CWB CW: construct barrette	29-Dec-14 A	30-Apr-15	49	51%					
SIIA11945	Sec II A - CWB CW: construct Permanent DWall (1.5m thk) (on rock)	19-Jan-15 A	30-Apr-15	49	42.35%					
SIIA11960	Sec II A - CWB CW: Ground treatment to Stop End (MTR TWL)	16-May-15	30-Jul-15	62	0%					
SIIA11980	Sec II A - CWB CW: D-wall contact grout / fissure grout	27-Apr-15	27-Jul-15	75	0%					
SIIA12000	Sec II A - CWB CW: Dwall sonic test / interface core	27-Apr-15	27-Jul-15	75	0%					
CWB C (E)										

CEDD Contract No. HK/2012/08
Wan Chai Development Phase II
Central -Wan Chai Bypass at Wan Chai West

Activity ID	Activity Name	Early Start	Early Finish	Remaining Duration	Activity % Complete	2015			
						Mar	Apr	May	Jun
CWB C(E) & Enabling Work - Dwall Construction									
CWB C(E) - Dwall Construction									
SIIA12960	Sec II A - CWB CE: Predrilling for Dwall	18-Sep-14 A	14-May-15	60	33.33%				
SIIA12980	Sec II A - CWB CE: ground pre-treatment	30-Mar-15	19-Jun-15	65	0%				
SIIA13000	Sec II A - CWB CE: construct Guide Wall	04-Apr-15	02-Jun-15	45	0%				
SIIA13010	Sec II A - CWB CE: construct barrette (1.2m thk)	14-Apr-15	29-Sep-15	140	0%				
SIIA13020	Sec II A - CWB CE: construct Dwall (1.5m thk) (on rock)	14-Apr-15	19-Oct-15	156	0%				
SCL Enabling Work - Dwall Construction									
SIIA15520	Sec II - SCL Enabling Works - construct Dwall - Remaining [7 panels]	04-May-15	19-Oct-15	140	0%				
CWB D - Slip Road 1									
CWB D - Slip Road 1 - Dwall Construction & Piling									
SIIA12240	Sec II A - CWB SR1: Predrilling for Dwall & piles	15-Jan-15 A	27-May-15	70	22.22%				
SIIA12260	Sec II A - CWB SR1: ground pre-treatment	17-Jan-15 A	19-Jun-15	90	25%				
SIIA12280	Sec II A - CWB SR1: Guide Wall	10-Feb-15 A	03-Jul-15	100	0%				
SIIA12305	Sec II A - CWB SR1: construct Permanent DWall (1.2m thk)	03-Apr-15	31-Jul-15	95	0%				
Section III - Road D11 & Part of Road P2, Area 4, Implement 1st Stage ITA									
Roadwork & Utilities									
General									
SIII10040	Sec III - roadwork & utilities - storm water drain & subsoil drain	28-Mar-15	22-Sep-15	145	0%				
SIII10060	Sec III - roadwork & utilities - Watermain & Irrigation Mains	23-Apr-15	02-Sep-15	110	0%				
SIII10080	Sec III - roadwork & utilities - gas main and valve chamber	16-May-15	24-Sep-15	110	0%				
Section VI A - Box Culvert La, L1 & FRP-L Construction									
Sec VI C - Box Culvert La bay 4 (North)									
CUL11645	Sec VI C - Culvert L - bay 4 (north half) - drive pipe pile	28-Feb-15	14-Apr-15	35	0%				
CUL11650	Sec VI C - Culvert L - bay 4 (north half) - demolish existing seawall	27-May-15	16-Jun-15	18	0%				
Box Culvert L1 & FRP-L Construction (Bay 5 - Bay 7)									
Box Culvert L1 & FRP-L - Bay 5 to 7 Piling									
CUL10800	Sec VI C - Culvert L - bay 7 (PC5 & PC6) - construct pre-bored H-pile	10-Mar-15*	29-Apr-15	40	0%				
CUL10820	Sec VI C - Culvert L - bay 6 (PC3 & PC4) - construct pre-bored H-pile	10-Feb-15 A	14-May-15	60	0%				
CUL10840	Sec VI C - Culvert L - bay 5 (PC1 & PC2) - construct pre-bored H-pile	10-Feb-15 A	25-Apr-15	45	0%				
CUL10940	Sec VI C - Culvert L - bay 5 (PC1 & PC2) - pile head treatment	14-Apr-15	13-May-15	30	0%				
CUL11020	Sec VI C - Culvert L - bay 6 (PC3 & PC4) - pile head treatment	14-May-15	28-May-15	15	0%				
CUL11025	Sec VI C - Culvert L - bay 7 (PC5 & PC6) - pile head treatment	29-May-15	12-Jun-15	15	0%				
Box Culvert L1 & FRP-L - Bay 5 to 7 Structure									
Box Culvert L1 & FRP-L - Precast Unit Fabrication (Pile Cap)									
CUL10866	Sec VI C - Culvert L - bay 5-7 - PC1 to PC5 Construct precast Pile Cap	29-Apr-15	18-Jun-15	42	0%				
Box Culvert L1 & FRP-L - Precast Unit Fabrication (Box Structure)									
CUL10868	Sec VI C - Culvert L - bay 5-7 - Form Dry Dock for precast culvert units	15-Aug-14 A	07-Apr-15	32	56.76%				
CUL10870	Sec VI C - Culvert L - bay 5, 6 & 7 - Construct precast culvert units with Bulkhead	08-Apr-15	30-Jun-15	66	0%				
CUL10872	Sec VI C - Culvert L - bay 4b - Construct precast culvert units with Bulkhead	28-May-15	30-Jun-15	28	0%				
Box Culvert L1 & FRP-L - Precast Unit Installation									
CUL10864	Sec VI C - Culvert L - bay 5-7 - Demolition of Piling Platform	21-May-15	13-Jun-15	20	0%				
Box Culvert L1 & FRP-L - Bay 8									
Box Culvert L1 & FRP-L - Bay 9 Piling									
CUL10180	Culvert L - bay 8 - construct pre-bored H-pile	02-Apr-15	05-May-15	24	0%				
Box Culvert L1 & FRP-L - Bay 8 Temp Work & ELS									
CUL10190	Culvert L - Bay 8 - install sheetpile	06-May-15	21-May-15	14	0%				
CUL10200	Culvert L - bay 8 - ELS and bulk excavation & Dwall Break Through ready for Flow Diversion	22-May-15	30-May-15	7	0%				
Box Culvert L1 & FRP-L - Bay 9 to 11									
Box Culvert L1 & FRP-L - Bay 9 to 11 General									

CEDD Contract No. HK/2012/08
Wan Chai Development Phase II
Central -Wan Chai Bypass at Wan Chai West

Activity ID	Activity Name	Early Start	Early Finish	Remaining Duration	Activity % Complete	2015			
						Mar	Apr	May	Jun
CUL11690	CWB A1 - [Summary] Tunnel waterproofing and backfill for Culvert L construction	24-Feb-15 A	26-May-15	69	32.35%				
CUL11695	Culvert L - [Summary of Cul L bay 9 to 11] - construct in-situ box culverts	26-May-15	22-Jun-15	23	0%				
Box Culvert L1 & FRP-L - Bay 9									
CUL11700	Culvert L - bay 9 - construct base slab	26-May-15	30-May-15	5	0%				
Box Culvert L1 & FRP-L - Bay 10									
CUL11820	Culvert L - bay 10 - construct base slab	30-May-15	04-Jun-15	5	0%				
Box Culvert L1 & FRP-L - Bay 11									
CUL11880	Culvert L - bay 11 - construct base slab	28-May-15	02-Jun-15	5	0%				
Box Culvert L1 & FRP-L - Bay 12 to 13									
Box Culvert L1 & FRP-L - Bay 12 to 13 Piling									
CUL12354	Culvert L - bay 12 - construct pre-bored H-pile (PC9)	18-Apr-15	05-May-15	14	0%				
CUL12356	Culvert L - bay 13 - construct pre-bored H-pile (PC10 & PC11)	06-May-15	01-Jun-15	22	0%				
Box Culvert L1 & FRP-L - Bay 12 to 13 Temp Work & ELS									
CUL12365	Culvert L - Bay 12 - install sheetpile	06-May-15	21-May-15	14	0%				
CUL12385	Culvert L - bay 12 - ELS and bulk excavation	22-May-15	30-May-15	7	0%				
Section VI C - Area 3, 6, 8A & 8C									
Area 8A & 8C - Seawall Modification									
Modification of Seawall									
Modification of Seawall - Zone 1									
PRS10000	Sec VIC - Erection of Piling Platform	12-Mar-15*	04-Apr-15	21	0%				
PRS10020	Sec VIC - Piling Rig Mobilisation & Set up	07-Apr-15	17-Apr-15	7	0%				
PRS10040	Sec VIC - Pipe Pile (1st Stage - Approx. 5 nos.) With Grouting	18-Apr-15	08-May-15	17	0%				
Modification of Seawall - Zone 2 & 4									
PRS10120	Sec VIC - Piling Rig Mobilisation & Set Up (Zone 2)	09-May-15	16-May-15	7	0%				
PRS10140	Sec VIC - Pipe Pile (28 nos.) With Grouting (Zone 2)	18-May-15	29-Jul-15	60	0%				
Modification of Seawall - Zone 3									
PRS10200	Sec VIC - Removal of Platform of Bored Pile	09-May-15	16-May-15	7	0%				
PRS10220	Sec VIC - Excavation of Fluid & Rockfill	18-May-15	08-Jun-15	18	0%				
Area 6 - Box Culvert bay 5-6									
SVIC10000	Sec VI C - [Summary] Construct Box Culvert Bay 5-6	08-Apr-15	03-Aug-15	94	0%				
Area 3 - Box Culvert bay 4 and Roadwork									
SVIC10220	Sec VI C - [Summary] Construct Box Culvert Bay 4 in Area 3	01-Jan-15 A	13-Aug-15	135	0%				
Section VII - Remainder Works									
Tenders for Sub-contract and Material Procurement									
PCU70010	Sec VII - Prepare Sub-contract for removing interim landing steps	28-Mar-15	11-May-15	45	0%				
Landing Steps Construction									
SVII11180	Sec VII - Landing Steps - form temporary access from landing steps to Fleet Acade	09-May-15	01-Jun-15	18	0%				
Section VIII - Landscape Softworks									
Soft Landscaping Works									
SVIII10020	Sec VIII - Tree Felling/Transplanting at Portion 2 & 2A	20-Nov-13 A	06-Jun-15	79	12.22%				
Section X - Protection & Preservation of Trees									
Soft Landscaping Works									
SX10020	Sec X - Protection & Preservation of Trees	31-Jan-13 A	21-Jul-17	875	46.38%				

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Mar	Apr	May	Jun
DWP-06 (A) - Update Progress As of 20 Mar 15								
Works in TS3								
TS3 East & West Reclamation Works								
TS3W - Reclamation Works (new scheme)								
TS3W.MW.2110	TS3W - General Fill Area 2 (3 Barges)	40	20-Dec-14 A	25-Mar-15	TS3W - General Fill Area 2 (3 Barges)			
TS3W.MW.2140	TS3W - Handover to D-wall (Phase 1)	0		20-Mar-15	TS3W - Handover to D-wall (Phase 1)			
TS3W.MW.2120	TS3W - General Fill Area 3 (1 Barges)	22	08-Apr-15	29-Apr-15	TS3W - General Fill Area 3 (1 Barges)			
TS3W.MW.2190	TS3W - Completion of Reclamation Works	0		29-Apr-15	TS3W - Completion of Reclamation Works			
TS3W - North								
TS3W.MW.2040	TS3W North - Rockfill	21	21-Jan-15 A	21-Mar-15	TS3W North - Rockfill			
TS3W.MW.2040A	TS3W North - Levelling	4	22-Mar-15	25-Mar-15	TS3W North - Levelling			
TS3W.MW.2060	TS3W North - Phase 2 Seawall Block Installation	13	26-Mar-15	07-Apr-15	TS3W North - Phase 2 Seawall Block Installation			
Works in TS3-East								
Diaphragm Wall								
TS3-East Diaphragm Construction								
TS3E_3120	Diaphragm wall construction Phase 2 (34/50 panels @ proposed bulkhead)	80	21-Feb-15 A	28-Apr-15	Diaphragm wall construction Phase 2 (34/50 panels @ proposed bulkhead)			
Works in SR8 (Open Cut Method)								
SR8 - Cofferdam & Cut & Cover Tunnel Works								
SR8 East Bound - (Seaside to Victoria Road / IEC Central Divider)								
Method Statement								
ELS								
SR8_2260	ELS Method statement - submission	24	29-May-15	26-Jun-15	[Green bar]			
TTA Stage 1 - East Bound								
Stage 2 - East Bound (Ref. DRG. No.CDD/SR8/083)								
SR8.EB.1530	Construct IEC East Bound Up Ramp	60	11-Feb-15 A	15-Apr-15	Construct IEC East Bound Up Ramp			
SR8.EB.1385	Install Dewatering Wells and Observation Wells & Pump Test	14	11-Mar-15 A	20-Mar-15 A	Install Dewatering Wells and Observation Wells & Pump Test			
SR8.EB.1390	Construct Traffic Deck	35	18-Mar-15 A	02-Apr-15	Construct Traffic Deck			
SR8.EB.1380	Demolish part of the Wing Wall of Abutment M	14	20-Mar-15	09-Apr-15	Demolish part of the Wing Wall of Abutment M			
TTA Stage 2 - East Bound								
Stage 3 - East Bound (Ref. DRG. No.CDD/SR8/084)								
SR8.EB.1410	Implement TTA Stage 2 - Traffic Diversion at East Bound (DRG REF.4843/011/030B and 4843/011/040B)	0	19-Apr-15		Implement TTA Stage 2 - Traffic Diversion at East Bound (DRG REF.4843/011/030B and 4843/011/040B)			
SR8.EB.1420	Demolish Part of EB Existing Abutment M and Part of the Central Divider	12	20-Apr-15	04-May-15	Demolish Part of EB Existing Abutment M and Part of the Central Divider			
SR8.EB.1430	Carry out Pre-boring for Sheet Pile	24	20-Apr-15	18-May-15	Carry out Pre-boring for Sheet Pile			
SR8.EB.1440	Carry out Stage 3 - Sheet Pile Work	21	13-May-15	06-Jun-15	Carry out Stage 3 - Sheet Pile Work			

- █ Actual Work
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SR8.EB.1450	Carry out Stage 3 - Pipe Piling Work	60	05-Jun-15	15-Aug-15					
Stage 4 - East Bound (Ref. DRG. No.CDD/SR8/084)									
SR8.EB.1470	Commence Stage 4 (After Completion of reclamation works)	0	08-Jun-15						◆ Commence Stage 4 (
SR8.EB.1480	Carry out Stage 4 Sheet Piling Works	24	08-Jun-15	07-Jul-15					
SR8 West Bound - Ch. 459.000 to 385.000 (Victoria Road / IEC Central Divider)									
TTA Stage 2 - West Bound									
Stage 3 - West Bound (Ref. DRG. No.CDD/SR8/087)									
SR8.WB.3030	Carry out Stage 3 Sheet Pile works	27	17-Feb-15 A	20-Mar-15 A					
SR8.WB.3040	Carry out Stage 3 Pipe Piling Works	45	20-Mar-15 A	16-May-15					
SR8.WB.3050	Carry out Stage 3 TAM Grout	17	18-May-15	06-Jun-15					
SR8.WB.3060	Install Dewatering Wells & Carry out Pump Test	20	08-Jun-15	02-Jul-15					
SR8 Ch.385.000 to Ch.317.500 - (Inside Victoria Park to Tunnel Portal)									
SR8 Tunnel - ELS / CCT / BF Works (7 Bays Ch. 385.000 to Ch.317.500)									
ELS									
SR8.VP.5070A	ELS Layer 3 - Soft Excavation + Strut Installation	8	11-Feb-15 A	18-Apr-15					
SR8.VP.5080	Soft Excavation down to Formation Level	16	20-Apr-15	08-May-15					
Portal Structure									
Blinding + Waterproofing									
SR8.VP.5030	Blinding for Bay 1 to Bay 7	7	08-May-15	16-May-15					
SR8.VP.5090	Waterproofing for Bay 1 to Bay 7	7	18-May-15	26-May-15					
Base Slab + Drainage									
SR8.VP.5100	Base Slab - Bay 1	8	27-May-15	04-Jun-15					
SR8.VP.5110	Base Slab - Bay 2	8	05-Jun-15	13-Jun-15					
SR8.VP.5120	Base Slab - Bay 3	8	15-Jun-15	24-Jun-15					
Pump Sump E									
SR8.VP.5360	Base Slab	8	27-May-15	04-Jun-15					
SR8.VP.5370	Wall Up to Portal Base Slab Bottom	10	05-Jun-15	16-Jun-15					
SR8.VP.5380	Fill Up Void Up to Portal Base Slab Bottom	7	17-Jun-15	25-Jun-15					
SR8 Ch 317.500 to Ch 210.000 - U-Structure & Slab (Victoria Park)									
Excavation and Lateral Support									
SR8_2300	Form Temporary Access to Bowling Green at Bay 3(CH230 to CH240)	7	20-Mar-15 A	11-Apr-15					
SR8_2310	ELS - Excavation to Formation Level + Lateral Support for UBA2 to UBA5	21	13-Apr-15	07-May-15					
RC CCT & Backfill Ch317.5000 to Ch240.000									
Structure									
Blinding + Waterproofing									

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SR8_1830	Blinding & Waterproofing Bay UBA2 to UBA5	4	08-May-15	12-May-15			■ Blinding & Waterproofing Bay UBA2 to UBA5	
SR8_1840	Remove Bulk Head at CH317.5	7	09-May-15	16-May-15			■ Remove Bulk Head at CH317.5	
SR8_1860	Blinding & Waterproofing Bay UBA8	4	18-May-15	21-May-15			■ Blinding & Waterproofing Bay UBA8	
Base Slab								
SR8_1801	Remove SL3 - (UBA6 - UBA7 & UBA1)	14	20-Mar-15	09-Apr-15	■ Remove SL3 - (UBA6 - UBA7 & UBA1)			
SR8_1810	SR8 U-structure Base slab (UBA2 - UBA5)	48	13-May-15	10-Jul-15			■ SR8 U-structure Base slab (UBA2 - UBA5)	
SR8_1812	SR8 U-structure Base slab (UBA8)	24	22-May-15	19-Jun-15			■ SR8 U-structure Base slab (UBA8)	
Wall								
SR8_1850B	SR8 U-structure Wall (UBA6-UBA7) - Stage 2	14	23-Feb-15 A	25-Apr-15	■ SR8 U-structure Wall (UBA6-UBA7) - Stage 2			
SR8_1850A	Remove SL2, 1 (UBA6-UBA7)	14	20-Mar-15	09-Apr-15	■ Remove SL2, 1 (UBA6-UBA7)			
Tsing Fung St - RW & Subway Extension & Toe Wall at Hing Fat St								
Ret. Wall & TF Subway Extension (Portion V)								
Retaining Wall RW8C at Tsing Fung Street (Portion V)								
VP_1370	TFS New Ret. Wall - backfilling & compactionworks	24	01-Dec-14 A	02-Apr-15	■ TFS New Ret. Wall - backfilling & compactionworks			
VP_1770	Install Steel Railing on Top of RW8C	14	08-Apr-15	23-Apr-15		■ Install Steel Railing on Top of RW8C		
VP_1390	Demolish Top Portion of Existing Wall Head and Kerb	18	23-Apr-15	15-May-15		■ Demolish Top Portion of Existing Wall Head and Kerb		
VP_1400	Road Formation - Subbase + Kerb + U-shape Channel	48	15-May-15	14-Jul-15		■ Road Formation - Subbase + Kerb + U-shape Channel		
Retaining Wall + Toe Wall at Hing Fat Street								
Subway Extension at Tsing Fung Street (Portion VIII)								
West Side								
VP_1330	Divert Footpath for Closing West Part of Subway	2	24-Apr-15	25-Apr-15		■ Divert Footpath for Closing West Part of Subway		
VP_1365	Excavation and Demolition (West Part) of Subway	14	27-Apr-15	13-May-15		■ Excavation and Demolition (West Part) of Subway		
VP_1375.10	TFS Subway extension - Blinding and Waterproofing	8	14-May-15	22-May-15		■ TFS Subway extension - Blinding and Waterproofing		
VP_1375.20	TFS Subway extension - Base slab + Drainage	21	23-May-15	17-Jun-15		■ TFS Subway extension - Base slab + Drainage		
VP_1375.30	TFS Subway extension - Walls	18	18-Jun-15	10-Jul-15		■ TFS Subway extension - Walls		
Tree Transplanting at Portion VIII (Tree Zone 20) (6 trees)								
VP_1700	Preparation and Site Hoarding	36	19-Sep-14 A	23-Apr-15	■ Preparation and Site Hoarding			
RC Works - Toe Wall (RW8E)								
VP_6152	Construct and divert Temporary Footpath	36	24-Apr-15	06-Jun-15		■ Construct and divert Temporary Footpath		
VP_6160	Sheet Piling and Excavation to Formation level	45	08-Jun-15	31-Jul-15		■ Sheet Piling and Excavation to Formation level		
Works in Victoria Park								
Re-Provisioning Works								
Pavilion								
Temp. Works Design								
VP_0230	(01) Temp. Work Design - review and approval by AECOM	24	27-Feb-15 A	31-Mar-15	■ (01) Temp. Work Design - review and approval by AECOM			

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Materials Submission								
VP_6650	Materials - ER review and approval	24	23-Feb-15 A	31-Mar-15	Materials - ER review and approval			
VP_6660	Issue P.O. / Manufacturing / Fabrication	48	01-Apr-15	02-Jun-15	Issue P.O. / Manufacturing / Fabrication			
Shop Drawings								
VP_0195	Shopdrawing submission	7	12-Mar-15 A	11-Apr-15	Shopdrawing submission			
VP_0215	Shopdrawing - ER review and approval	24	13-Apr-15	11-May-15	Shopdrawing - ER review and approval			
Method Statement								
VP_6680	(01) Method statement - submission	7	01-Apr-15	13-Apr-15	(01) Method statement - submission			
VP_6690	(01)Method statement - review and approval by AECOM	24	14-Apr-15	12-May-15	(01)Method statement - review and approval by AECOM			
Construction Works - BG Pavillion								
VP_1310	PV - Site Possession, Portion VI/VII	0	20-Mar-15		PV - Site Possession, Portion VI/VII			
VP_1340	Demolish existing BGO	24	01-Apr-15	04-May-15	Demolish existing BGO			
VP_1300	PV - Initial works (Site Clearance, underground utilities etc.)	24	05-May-15	02-Jun-15	PV - Initial works (Site Clearance, underground utilities etc.)			
VP_1360	PV - foundation works	21	19-May-15	12-Jun-15	PV - foundation works			
VP_1380	PV- structural works, G/F to Roof	24	10-Jun-15	09-Jul-15	PV- structural works, G/F to Roof			
Bowling Green								
Design Submissions for Bowling Green Lighting								
VP_0330	Engineer's Review and Approval	24	23-Sep-14 A	27-Mar-15	Engineer's Review and Approval			
Method Statement								
VP_0260	(01)Method statement - review and approval by AECOM	24	20-Nov-14 A	31-Mar-15	(01)Method statement - review and approval by AECOM			
Procurement								
VP_1010.174	Materials - ER review and approval	24	14-Feb-15 A	29-Apr-15	Materials - ER review and approval			
VP_1010.184	Issue PO / Manufacturing	42	30-Apr-15	19-Jun-15	Issue PO / Manufacturing			
VP_6670	Materials Delivery - Green Turf	24	03-Jun-15	02-Jul-15	Materials Delivery - Green Turf			
Portion VII Tree Transplanting, DBH <300mm								
VP_1330.04	<300mm dia trees (3months) - Stage 4 root pruning & removal/Transplanting	12	05-Nov-14 A	02-Apr-15	<300mm dia trees (3months) - Stage 4 root pruning & removal/Transplanting			
Construction Works								
VP_1320	BG - Site Possession, Portion VI, VII	0	20-Mar-15		BG - Site Possession, Portion VI, VII			
VP_1170	Demolish existing CP / BGO / Site Clearance	24	01-Apr-15	04-May-15	Demolish existing CP / BGO / Site Clearance			
VP_1180	Site Survey / Setting up	12	05-May-15	18-May-15	Site Survey / Setting up			
VP_1710	BG - Install U/G Sewerage System	24	12-May-15	09-Jun-15	BG - Install U/G Sewerage System			
VP_1720	BG - Install Drainage System	24	27-May-15	24-Jun-15	BG - Install Drainage System			
VP_1730	BG - Install Irrigation System	24	10-Jun-15	09-Jul-15	BG - Install Irrigation System			
Mooring Components Upkeep (CBTS and ATS)								
MAR_2000	Mooring Upkeep at Portion XIX(19) & XX(20) - ATS (if instructed by Engineer)	1399	21-Mar-13 A	17-Jan-17	Mooring Upkeep at Portion XIX(19) & XX(20) - ATS (if instructed by Engineer)			

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					Mar			Apr			May			Jun		
					1	2	3	1	2	3	1	2	3	1	2	3
MAR_1000	Mooring Upkeep at Portion III (3) - CBTS	574	15-May-14 A	09-Dec-15	[Gantt bar: Blue from 15-May-14 to 09-Dec-15]											
MAR_3020	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS	979	15-May-14 A	17-Jan-17	[Gantt bar: Red from 15-May-14 to 17-Jan-17]											
Works for Public Works Regional Laboratory (North Lantau)																
Maintenance and Upkeep of New PWRL (Portion XVII)																
PWRL_1050	Maintenance/ Upkeep of New PWRL	1301	19-Jul-13 A	21-Nov-17	[Gantt bar: Blue from 19-Jul-13 to 21-Nov-17]											