

























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
<b>HK/2012/08 Revised Works Programme Rev.4 (Revised as of 28-Feb-15)</b>									
<b>Dredging and Reclamation</b>									
<b>Marine Work Construction</b>									
<b>Zone A2</b>									
<b>Seawall Construction - Zone A2</b>									
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%			█	
<b>Zone D</b>									
<b>Seawall Construction - Zone D</b>									
<b>Seawall 2C-L</b>									
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%	█	█	█	█
<b>Works for Section Completion</b>									
<b>Construction</b>									
<b>Section II - MVB Structure</b>									
<b>MVB Substructure - Diaphragm Wall for Portion A&amp;B</b>									
<b>MVB A&amp;B - Pumping Test Preparation/ Pumping Test</b>									
SII10580	Sec II - MVB A&B - pumping test	20-Mar-15*	31-Mar-15	12	0%		█		
<b>MVB Substructure - ELS &amp; Structural Works for Portion A</b>									
<b>MVB Substructure - ELS for Portion A</b>									
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%			█	
<b>MVB Substructure - ELS &amp; Structural Works for Portion B</b>									
<b>MVB Substructure - ELS for Portion B</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%			█	
<b>MVB Substructure - Piling Works</b>									
<b>MVB C - Preboed H Piles</b>									
SII10380	Sec II - MVB C - predrilling for preboed H-piles	02-May-15	30-May-15	24	0%			█	
<b>MVB Substructure - Diaphragm Wall for Portion C</b>									
<b>MVB C - Dwall</b>									
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  
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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
<b>Section II A - CWB Tunnel &amp; Slip Road Structures and Facilities</b>									
<b>Section II A - CWB Tunnel - Design, Submission and Approval</b>									
<b>CWB Tunnel Temp Work Design for Structure</b>									
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%				
<b>CWB CRIII &amp; A1</b>									
<b>CWB CRIII &amp; A1 - Dwall and Pile Construction</b>									
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%				
<b>CWB CRIII &amp; A1 - Pumping Test Preparation/ Pumping Test</b>									
<b>CWB CRIII - Pumping Test Preparation</b>									
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%				
<b>CWB A1 - Pumping Testing Preparation</b>									
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%				
<b>CWB CRIII - ELS &amp; Tunnel Structure</b>									
<b>CWB CRIII - ELS</b>									
SIIA10820	Sec II A - CWB CRIII: Shoring & Excavation	20-Apr-15	31-Jul-15	85	0%				
<b>CWB A1 - ELS &amp; Tunnel Structure</b>									
<b>CWB A1 - ELS (Top-down Method) Roof</b>									
SIIA11280	Sec II A - CWB A1: Shoring & Excavation (for Roof Slab)	24-Feb-15 A	14-Apr-15	35	12.5%				
<b>CWB A1 - Tunnel Structure (Top down Method) Roof</b>									
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%				
<b>CWB A1 - ELS Remaining</b>									
SIIA11286	Sec II A - CWB A1 : Shoring & Excavation (Remaining)	27-May-15	31-Jul-15	55	0%				
<b>CWB A1 - Other Works</b>									
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%				
<b>CWB B (&amp; A2(1))</b>									
<b>CWB B - Dwall &amp; Piling</b>									
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%				
<b>CWB B - Pumping Test Preparation</b>									
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%				
<b>CWB C (W)</b>									
<b>CWB C(W) - Dwall Construction</b>									
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%				
<b>CWB C (E)</b>									

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						Mar	Apr	May	Jun
<b>CWB C(E) &amp; Enabling Work - Dwall Construction</b>									
<b>CWB C(E) - Dwall Construction</b>									
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%				
<b>SCL Enabling Work - Dwall Construction</b>									
SIIA15520	Sec II - SCL Enabling Works - construct Dwall - Remaining [7 panels]	04-May-15	19-Oct-15	140	0%				
<b>CWB D - Slip Road 1</b>									
<b>CWB D - Slip Road 1 - Dwall Construction &amp; Piling</b>									
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%				
<b>Section III - Road D11 &amp; Part of Road P2, Area 4, Implement 1st Stage ITA</b>									
<b>Roadwork &amp; Utilities</b>									
<b>General</b>									
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%				
<b>Section VI A - Box Culvert La, L1 &amp; FRP-L Construction</b>									
<b>Sec VI C - Box Culvert La bay 4 (North)</b>									
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%				
<b>Box Culvert L1 &amp; FRP-L Construction (Bay 5 - Bay 7)</b>									
<b>Box Culvert L1 &amp; FRP-L - Bay 5 to 7 Piling</b>									
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%				
<b>Box Culvert L1 &amp; FRP-L - Bay 5 to 7 Structure</b>									
<b>Box Culvert L1 &amp; FRP-L - Precast Unit Fabrication (Pile Cap)</b>									
CUL10866	Sec VI C - Culvert L - bay 5-7 - PC1 to PC5 Construct precast Pile Cap	29-Apr-15	18-Jun-15	42	0%				
<b>Box Culvert L1 &amp; FRP-L - Precast Unit Fabrication (Box Structure)</b>									
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%				
<b>Box Culvert L1 &amp; FRP-L - Precast Unit Installation</b>									
CUL10864	Sec VI C - Culvert L - bay 5-7 - Demolition of Piling Platform	21-May-15	13-Jun-15	20	0%				
<b>Box Culvert L1 &amp; FRP-L - Bay 8</b>									
<b>Box Culvert L1 &amp; FRP-L - Bay 9 Piling</b>									
CUL10180	Culvert L - bay 8 - construct pre-bored H-pile	02-Apr-15	05-May-15	24	0%				
<b>Box Culvert L1 &amp; FRP-L - Bay 8 Temp Work &amp; ELS</b>									
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%				
<b>Box Culvert L1 &amp; FRP-L - Bay 9 to 11</b>									
<b>Box Culvert L1 &amp; FRP-L - Bay 9 to 11 General</b>									

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						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%				
<b>Box Culvert L1 &amp; FRP-L - Bay 9</b>									
CUL11700	Culvert L - bay 9 - construct base slab	26-May-15	30-May-15	5	0%				
<b>Box Culvert L1 &amp; FRP-L - Bay 10</b>									
CUL11820	Culvert L - bay 10 - construct base slab	30-May-15	04-Jun-15	5	0%				
<b>Box Culvert L1 &amp; FRP-L - Bay 11</b>									
CUL11880	Culvert L - bay 11 - construct base slab	28-May-15	02-Jun-15	5	0%				
<b>Box Culvert L1 &amp; FRP-L - Bay 12 to 13</b>									
<b>Box Culvert L1 &amp; FRP-L - Bay 12 to 13 Piling</b>									
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%				
<b>Box Culvert L1 &amp; FRP-L - Bay 12 to 13 Temp Work &amp; ELS</b>									
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%				
<b>Section VI C - Area 3, 6, 8A &amp; 8C</b>									
<b>Area 8A &amp; 8C - Seawall Modification</b>									
<b>Modification of Seawall</b>									
<b>Modification of Seawall - Zone 1</b>									
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%				
<b>Modification of Seawall - Zone 2 &amp; 4</b>									
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%				
<b>Modification of Seawall - Zone 3</b>									
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%				
<b>Area 6 - Box Culvert bay 5-6</b>									
SVIC10000	Sec VI C - [Summary] Construct Box Culvert Bay 5-6	08-Apr-15	03-Aug-15	94	0%				
<b>Area 3 - Box Culvert bay 4 and Roadwork</b>									
SVIC10220	Sec VI C - [Summary] Construct Box Culvert Bay 4 in Area 3	01-Jan-15 A	13-Aug-15	135	0%				
<b>Section VII - Remainder Works</b>									
<b>Tenders for Sub-contract and Material Procurement</b>									
PCU70010	Sec VII - Prepare Sub-contract for removing interim landing steps	28-Mar-15	11-May-15	45	0%				
<b>Landing Steps Construction</b>									
SVII11180	Sec VII - Landing Steps - form temporary access from landing steps to Fleet Acade	09-May-15	01-Jun-15	18	0%				
<b>Section VIII - Landscape Softworks</b>									
<b>Soft Landscaping Works</b>									
SVIII10020	Sec VIII - Tree Felling/Transplanting at Portion 2 & 2A	20-Nov-13 A	06-Jun-15	79	12.22%				
<b>Section X - Protection &amp; Preservation of Trees</b>									
<b>Soft Landscaping Works</b>									
SX10020	Sec X - Protection & Preservation of Trees	31-Jan-13 A	21-Jul-17	875	46.38%				

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
<b>HY/2009/15 - Works Programme Rev. M (DD:20-Sep-12)</b>													
<b>Works in East Ventilation Adit - Based on Alternative Method</b>													
<b>Reinstatement of Breakwater</b>													
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							
<b>Works in TS1/TS2 - OHVD and Cable Trough/Maintenance Walkway</b>													
<b>TS2 - OHVD and Cable Trough/Maintenance Walkway</b>													
<b>OHVD Slab and Cable Trough Construction</b>													
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							
<b>Works in TS4/ME4 Area (Portion 14A, 14B, 15, 23)</b>													
<b>TS4/ME4 - Removal of Temporary Reclamation</b>													
<b>Remaining Works at TZ6</b>													
<b>Stage 4 - Seawall and Reclamation at TZ6</b>													
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							
<b>Removal of Temporary Reclamation at TS4/ME4</b>													
<b>Stage 5 (Zones A, D &amp; F - TS4-D33 to D-26, SCL2 &amp; ME4-D19 to D13)</b>													
A-3000	D-Wall horizontal cutting (Qty: 62 pcs.)	7d/wk-2	21d	29-Aug-14 08 A	23-Sep-14 18	-340d							
<b>Stage 6 (Zone C - P4, ME4-D12 to ME4-D16 &amp; P3)</b>													
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
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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	
<b>Stage 7 (Zones C &amp; E - ME4-D06 to D01, SCL1 &amp; TS4-D25)</b>															
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									
<b>Stage 9 (Zone I - TS4-D01 to TS4-D08)</b>															
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									
<b>Stage 8 (Zones G &amp; K - TS4-D24 to TS4-D15)</b>															
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									
<b>Stage 10 (Zone J - TS4-D09 to TS4-D14)</b>															
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									
<b>Stage 13 - Phase 3 Mooring</b>															
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									
<b>Stage 12 - Re-provisioning of Jetty</b>															
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
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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	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													
<b>Stage 11 - Construction of TZ4</b>																			
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													
<b>TS4/ME4, Removal of Temporary Reclamation</b>																			
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													
<b>TS4 - OHVD / Cable Trough</b>																			
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													
<b>Works in TPCWAE Area (Portion 20A, 20B)</b>																			
<b>Removal of Temporary Reclamation</b>																			
<b>Removal of Temporary Reclamation &amp; Form TZ5</b>																			
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													

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
S67885	Achievement of KD5	7d/wk-2	0d		16-Oct-14 18	-323d													
S67887	Complete Reinstatement of Vertical Seawall (near PRE Office)	7d/wk-2	0d		27-Oct-14 18	-322d													
<b>Reinstate Mucking Out Access Shaft "C"</b>																			
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													
<b>TPCWAE - OHVD / Cable Trough</b>																			
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													
<b>Works in TPCWAW Area</b>																			
<b>TPCWAW - Temporary Reclamation</b>																			
<b>Temporary Reclamation -</b>																			
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													
<b>TPCWAW - Diaphragm Wall</b>																			
<b>Diaphragm Wall</b>																			
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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							Q4	Q1	Q2	Q3	Q4	Q1	Q2
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			
<b>TPCWAW- ELS Works</b>													
<b>ELS Works</b>													
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			
<b>TPCWAW - ROCK EXCAVATION</b>													
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			
<b>TPCWAW- CCT RC Structure</b>													
<b>TPCWAW - CCT / OHVD</b>													

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							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													
S6_9075	TPCWAW Construct tunnel wall + OHVD + roof slab	7d/wk-1	80d	13-Nov-15 08	02-Feb-16 18	-141d													
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													
S6_9076	TPCWAW King post load transfer	7d/wk-1	26d	03-Feb-16 08	28-Feb-16 18	-120d													
<b>TPCWAW - Removal of Temporary Reclamation</b>																			
<b>Removal of Temporary Reclamation</b>																			
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													
S6_9105	Remove general fill/ seawall block (concurrent activities)	7d/wk-1	25d	06-Mar-16 08	30-Mar-16 18	-120d													
S6_9120	Saw cut diaphragm wall	7d/wk-1	63d	21-Mar-16 08	23-May-16 18	-120d													
S6_7550	Completion of Section 6- (KD11), above -20mPD	7d/wk-2	0d		23-May-16 18	-121d													
<b>TPCWAW -Cable Trough/ Maintenance Walkway</b>																			
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													
S6_9135	Completion of Section 5 - TPCWAW Area (KD10), below -20mPD	7d/wk-2	0d		25-Mar-16 18	-144d													
<b>Works in Wan Chai PCWA (Portion 11)</b>																			
<b>Initial Works &amp; Utilities Works</b>																			
S4_2810	Installation of Hoarding	7d/wk-1	24d	05-May-14 08 A	17-Oct-14 18	-58d													
S4_2720	Remove existing rock mound	7d/wk-1	24d	21-Oct-14 08	13-Nov-14 18	-61d													
S4_2750	Carry out Site Investigation for BW1/BW2	7d/wk-1	12d	21-Oct-14 08	01-Nov-14 18	-61d													
S4_2755	BW1/BW2 Engineers confirmation of provisional Barrettes	7d/wk-1	0d		07-Nov-14 18	-61d													
<b>Allow Access to WDII</b>																			
S4_2785	Complete Section 4 - Portion 11 (KD9)	7d/wk-2	0d		10-Nov-15 18	-132d													
S4_2775	Return Portion 11 to WDII	7d/wk-1	0d		10-Nov-15 18	-129d													
<b>Works for Mined Tunnel (Portion 16, 17, 18)</b>																			
<b>SR8 (Tunnel Excavation + Lining)</b>																			
<b>From West (TPCWAE)</b>																			
<b>Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)</b>																			
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													
<b>Bench Excavation (1.5d-2d/m, 20m separation with heading)</b>																			
A8700	SR8 Bench Excavation From West, CH 4055- 4065 = 10m	7d/wk-1a	20d	08-Sep-14 08 A	24-Sep-14 18	148d													

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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												
<b>From East (TS4)</b>																		
<b>Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)</b>																		
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												
<b>Bench Excavation (1.5d/m, 20m separation with heading)</b>																		
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												
<b>Tunnel Lining Works</b>																		
<b>From West - Base Slab (10m/bay, 10m separation with benching excavation)</b>																		
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												
<b>From West - Lining (5m/bay, 10m separation with base slab)</b>																		
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												

- 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				
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				
<b>OHVD(10m/bay) / Utility Trough</b>													
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				
<b>EB Outer Tunnel Excavation</b>													
<b>From West (TPCWAE)</b>													
<b>Outer Bench Excavation (1.5d - 2d/m, 20m separation with heading)</b>													
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)					
<b>From East (TS4)</b>													
<b>Outer Bench Excavation (1.5d-2d/m, 20m separation with heading)</b>													
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)					
<b>EB (Inner Tunnel Excavation + Lining)</b>													
<b>From West (TPCWAE)</b>													
<b>Inner Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)</b>													
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

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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	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		■	■	■	■				
<b>Inner Bench Excavation (1.5-2d/m, 20m separation with heading)</b>															
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		■	■	■	■				
<b>From East (TS4)</b>															
<b>Inner Heading Excavation (3d/m, 24h/day work shift, 7d/week, no work on statutory holiday)</b>															
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		■	■	■	■				
<b>Inner Bench Excavation (1.5d-2d/m, 20m separation with heading)</b>															
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					
<b>Tunnel Lining Works</b>														
<b>From West Base Slab (10m/bay, 10m separation with benching excavation)</b>														
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					
<b>From East Base Slab (10m/bay, 10m separation with benching excavation)</b>														
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					
<b>Lining (5m/bay, 15m separation with base slab)</b>														
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					

- 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		



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
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				

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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		■	WB,Inner Heading From West, CH 4025- 4035 = 10m @2d/m					
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		■	WB,Inner Heading From West, CH 4035- 4045 = 10m @2d/m					
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		■	WB,Inner Heading From West, CH 4045- 4055 = 10m @2d/m					
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		■	WB,Inner Heading From West, CH 4055- 4065 = 10m @ 2d/m					
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		■	WB,Inner Heading From West, CH 4065- 4075 = 10m, @ 2d/m					
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		■	WB,Inner Heading From West, CH 4075- 4085 = 10m @ 2d/m					
<b>Inner Bench Excavation (1.5d-2d/m, 20m separation with heading)</b>														
A9180	WB,Inner Bench From West, CH 3993- 4005 = 12m	7d/wk-1a	18d	30-Dec-14 08	17-Jan-15 18	27d		■	WB,Inner Bench From West, CH 3993- 4005 = 12m					
A9205	WB,Inner Bench From West, CH 4005- 4015 = 10m	7d/wk-1a	15d	20-Jan-15 08	03-Feb-15 18	25d		■	WB,Inner Bench From West, CH 4005- 4015 = 10m					
A9190	WB,Inner Bench From West, CH 4015- 4025 = 10m	7d/wk-1a	15d	09-Feb-15 08	26-Feb-15 18	20d		■	WB,Inner Bench From West, CH 4015- 4025 = 10m					
A9185	WB,Inner Bench From West, CH 4025- 4035 = 10m	7d/wk-1a	15d	04-Mar-15 08	18-Mar-15 18	15d		■	WB,Inner Bench From West, CH 4025- 4035 = 10m					
A9155	WB,Inner Bench From West, CH 4035- 4045 = 10m	7d/wk-1a	15d	24-Mar-15 08	08-Apr-15 18	10d		■	WB,Inner Bench From West, CH 4035- 4045 = 10m					
A9160	WB,Inner Bench From West, CH 4045- 4055 = 10m	7d/wk-1a	15d	14-Apr-15 08	28-Apr-15 18	5d		■	WB,Inner Bench From West, CH 4045- 4055 = 10m					
A9165	WB,Inner Bench From West, CH 4055- 4065 = 10m	7d/wk-1a	15d	05-May-15 08	19-May-15 18	0d		■	WB,Inner Bench From West, CH 4055- 4065 = 10m					
A9170	WB,Inner Bench From West, CH 4065- 4075 = 10m	7d/wk-1a	15d	20-May-15 08	03-Jun-15 18	0d		■	WB,Inner Bench From West, CH 4065- 4075 = 10m					
A9175	WB,Inner Bench From West, CH 4075- 4085 = 10m	7d/wk-1a	15d	04-Jun-15 08	18-Jun-15 18	0d		■	WB,Inner Bench From West, CH 4075- 4085 = 10m					
<b>From East (TS4)</b>														
<b>Inner Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)</b>														
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		■	WB,Inner Heading From East, CH 4135- 4125 = 10m @2d/m					
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		■	WB,Inner Heading From East, CH 4125- 4115 = 10m @2d/m					
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		■	WB,Inner Heading From East, CH 4115- 4105 = 10m @2d/m					
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		■	WB,Inner Heading From East, CH 4105- 4095 = 10m @2d/m					
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		■	WB,Inner Heading From East, CH 4095- 4085 = 10m @2d/m					
<b>Inner Bench Excavation (1.5d-2d/m, 20m separation with heading)</b>														
A9235	WB,Inner Bench From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	18-Mar-15 08	01-Apr-15 18	16d		■	WB,Inner Bench From East, CH 4135- 4125 = 10m					
A9240	WB,Inner Bench From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	08-Apr-15 08	22-Apr-15 18	11d		■	WB,Inner Bench From East, CH 4125- 4115 = 10m					
A9245	WB,Inner Bench From East, CH 4115- 4105 = 10m	7d/wk-1a	15d	28-Apr-15 08	13-May-15 18	6d		■	WB,Inner Bench From East, CH 4115- 4105 = 10m					
A9247	WB,Inner Bench From East, CH 4105- 4095 = 10m	7d/wk-1a	15d	14-May-15 08	28-May-15 18	6d		■	WB,Inner Bench From East, CH 4105- 4095 = 10m					
A9250	WB,Inner Bench From East, CH 4095- 4085 = 10m	7d/wk-1a	15d	29-May-15 08	12-Jun-15 18	6d		■	WB,Inner Bench From East, CH 4095- 4085 = 10m					

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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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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			
<b>Tunnel Lining Works</b>																	
<b>From West Base Slab (10m/bay, 10m separation with benching excavation)</b>																	
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											
<b>From East Base Slab (10m/bay, 10m separation with benching excavation)</b>																	
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											
<b>Lining (5m/bay, 10m separation with base slab)</b>																	
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											

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



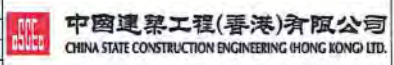
Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
A9390	WB From West, Lining CH 4035 - 4040 = 1bay	7d/wk-1a	7d	22-Apr-15 08	28-Apr-15 18	30d			■ WB From West, Lining CH 4035 - 4040 = 1bay				
A9330	WB From West, Lining CH 4040 - 4045 = 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
<b>Stage and Section Completion</b>															
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
<b>Portion Handover Date</b>															
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 A (13A), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆								◆ Portion Handover - Portion XIII A (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 A (14A), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆								◆ Portion Handover - Portion XIV A (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 B (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 B (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

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China State Construction Engineering (Hong Kong) Ltd

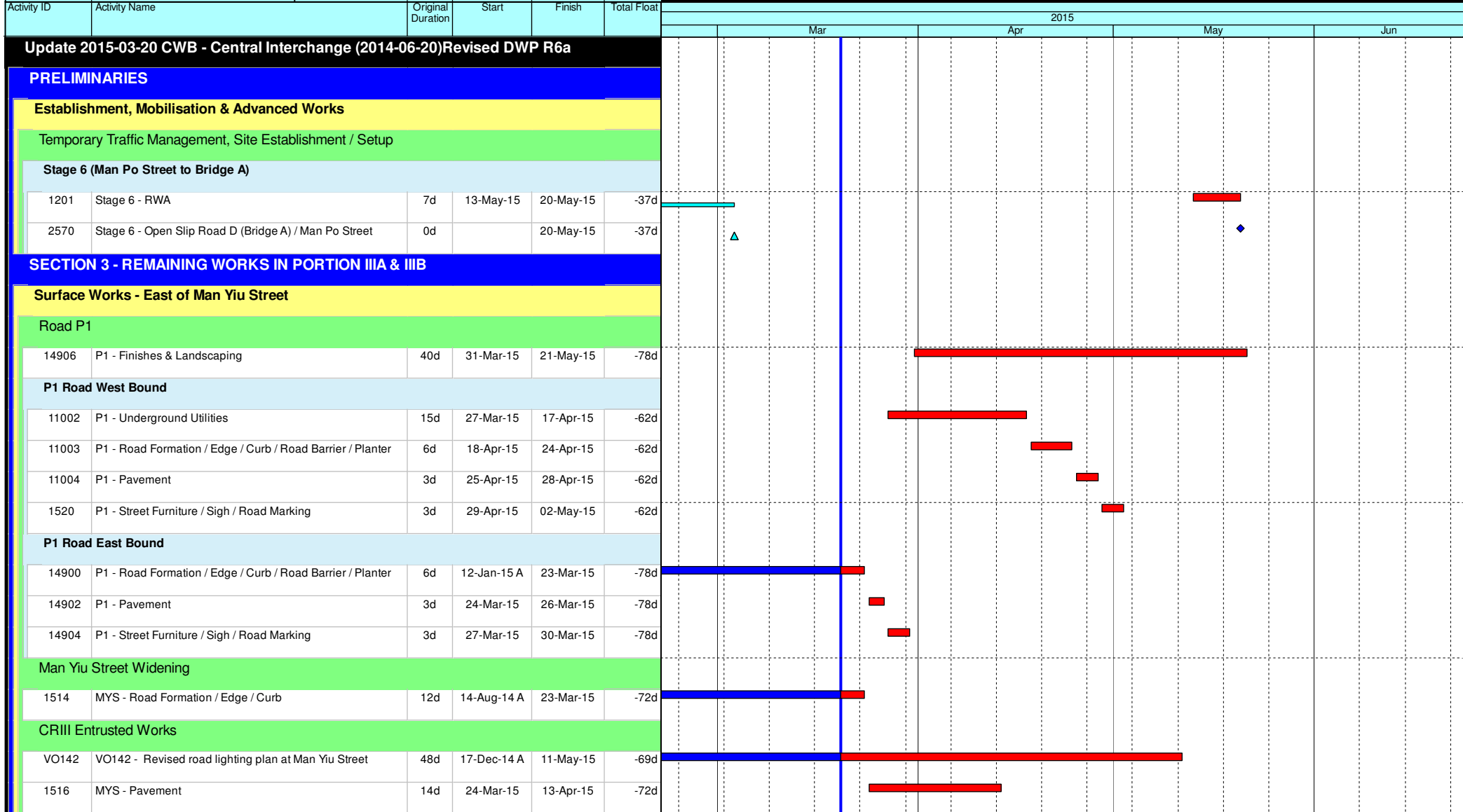
Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel ( Causeway Bay Typhoon Shelter Section)

**WORKS PROGRAMME REV. M**

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Date	Revision	Checked	Approved
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**中國建築工程(香港)有限公司**  
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.



- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

**Leighton Contractors (Asia) Limited**  
**Programme Update 54 (March 2015)**  
**THREE MONTH ROLLING**

Project ID: U054  
 Baseline: DCP7-2c  
 Layout: Update Three Month Rolling U054  
 Page 1 of 6

Date	Revision	Checked	Appro...
20-Feb-15	U053	AT	BY
20-Mar-15	U054	AT	BY

Data Date: 20-Mar-15

# HY/2009/18 Central - Wan Chai Bypass (Central Interchange)

TASK filters: 3 Months\_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Mar	Apr	May	Jun
1533	MYS - Barriers, Roads & Pavements - Entrustment Works at CRIII	14d	14-Apr-15	29-Apr-15	-72d		██████████		
1518	MYS - Street Furniture / Sign / Road Marking	12d	30-Apr-15	14-May-15	-72d			██████████	
<b>SECTION 4 - REMAINING WORKS IN PORTION IVA, IVD, IVE &amp; IVG</b>									
<b>CWB Tunnel - CH1580 to CH1646</b>									
Formation & Roadworks									
1940	1580-1646 - Finishes & Landscaping	50d	04-Feb-15 A	31-Mar-15	-118d	██████████			
<b>CWB Tunnel - CH1646 to CH1685 (Man Yiu Street)</b>									
Formation & Roadworks									
1950	1646-1685 - Finishes & Landscaping	36d	20-Mar-15	06-May-15	-144d		██████████		
<b>SECTION 5 - ALL WORKS IN PORTION V &amp; VA</b>									
<b>CWB Trough B - CH1360 to CH1480</b>									
Preliminaries									
1352	V - Reinstate Finance Street (Stage2 Area)	40d	10-Apr-15	28-May-15	-162d		██████████		
Trough Structure									
Trough Phase 2a									
1297	TRB - Construct Trough Slab - 2a South Portion / Allow access for RW contractor	22d	26-Nov-14 A	18-Mar-15 A		██████████			
1301	TRB - Construct Wall - 2a South Bottom (CH1361-1450)	12d	20-Mar-15	02-Apr-15	-162d		██████████		
1303	TRB - Backfill - 2a South Wall to Bottom of Foul Drain	4d	30-Mar-15	02-Apr-15	-162d		██████████		
1307	TRB - Reinstate Foul & Storm Drain (Stage 2)	6d	30-Mar-15	09-Apr-15	-162d		██████████		
1309	TRB - Backfill - 2a South Wall	4d	10-Apr-15	14-Apr-15	-100d		██████████		
1312	TRB - Construct Wall - 2a South Wall Parapet	12d	15-Apr-15	28-Apr-15	-100d		██████████		
1302	TRB - Construct Internal Stairs	12d	15-Apr-15	28-Apr-15	-96d		██████████		
1314	TRB - Backfill - 2a South Wall Parapet	4d	29-Apr-15	04-May-15	-100d			██████████	
Trough Internal Works									
2140	TRB - Construct Roadside Service Ducts	24d	01-Apr-15	04-May-15	-100d		██████████		

- ◆ Current Milestone
- █ Level of Effort
- ▲ Baseline Milestone
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- █ Critical Remaining Work
- █ Remaining Work
- █ Project Baseline

## Leighton Contractors (Asia) Limited Programme Update 54 (March 2015) THREE MONTH ROLLING

Project ID: U054  
 Baseline: DCP7-2c  
 Layout: Update Three Month Rolling U054  
 Page 2 of 6

Date	Revision	Checked	Appro...
20-Feb-15	U053	AT	BY
20-Mar-15	U054	AT	BY

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Mar	Apr	May	Jun
2150	TRB - Road Pavement & Finishes	24d	20-Apr-15	18-May-15	-100d				
<b>SECTION 6 - ALL WORKS IN PORTION VI</b>									
<b>Bridge B</b>									
Bridge Furniture & Finishes									
2230	BRB - Construct Parapets	100d	20-Mar-15	23-Jul-15	133d				
<b>General Surface Works</b>									
Formation & Roadworks - Man Kwong Street West Bound									
1783	MKSVIWB - Roadworks (Ch 275-411)	82d	19-Aug-14 A	28-Mar-15	-62d				
Retaining Wall A									
2448	RWA - Rumsey Street Flyover Diverted to Bridge A	0d		20-May-15	-17d				
2450	RWA - Site Clearance	25d	21-May-15	19-Jun-15	-17d				
Retaining Wall B									
2598	RWB - Rumsey Street Flyover Diverted to Bridge A	0d		20-May-15	-37d				
2600	RWB - Site Clearance	25d	21-May-15	19-Jun-15	-37d				
Retaining Wall F									
2648	RWF - Implement Localised TTA on Finance St.	24d	29-May-15	26-Jun-15	-54d				
<b>Bridge A</b>									
Bridge Furniture & Finishes									
2370	BRA - Construct Parapets	42d	27-Oct-14 A	19-Mar-15 A					
1346a	BRA - VO/145: Crash cushion barrier procurement	72d	18-Dec-14 A	27-Apr-15	121d				
2380	BRA - Road Pavement & Finishes	41d	20-Mar-15	12-May-15	-37d				
1346b	BRA - VO/145: Crash cushion barrier manufacturing and delivery	96d	28-Apr-15	21-Aug-15	121d				
<b>Trough A</b>									
Trough Structure									
1612	TRA - Concrete profile barrier and backfilling internal TSA-1 to TSA-5	21d	27-Jan-15 A	25-Mar-15	6d				

- ◆ Current Milestone
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**Leighton Contractors (Asia) Limited**  
**Programme Update 54 (March 2015)**  
**THREE MONTH ROLLING**

Project ID: U054  
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 Layout: Update Three Month Rolling U054  
 Page 3 of 6

Date	Revision	Checked	Appro...
20-Feb-15	U053	AT	BY
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Data Date: 20-Mar-15

# HY/2009/18 Central - Wan Chai Bypass (Central Interchange)

TASK filters: 3 Months\_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Mar	Apr	May	Jun
1613	TRA - Drainage construction (3 gullies & 1 manhole)	8d	19-Feb-15 A	25-Mar-15	-4d				
2440	TRA - Road Pavement & Finishes	10d	26-Mar-15	10-Apr-15	-4d				
<b>Elevated Layby at Rumsey Street Flyover East Bound</b>									
<b>Bridge Structure</b>									
2880	RSFLB - Demolish Existing Parapet & Construct Stitch	18d	20-Mar-15	14-Apr-15	176d				
2770	RSFLB - Pier E1/E2 Bridge Deck	36d	15-Apr-15	28-May-15	176d				
2780	RSFLB - Construct Parapet	18d	29-May-15	18-Jun-15	176d				
2890	RSFLB - Road Pavement & Finishes	10d	19-Jun-15	02-Jul-15	176d				
<b>SECTION 7, 7A, 7B &amp; 7C - LANDSCAPE ESTABLISHMENT</b>									
4020	EST - Portion IVD Landscape Establishment	365d	20-Mar-15	18-Mar-16	-136d				
4030	EST - Portion V Landscape Establishment	365d	20-Mar-15	18-Mar-16	-136d				
4070	EST - Portion VA Landscape Establishment	365d	20-Mar-15	18-Mar-16	-136d				
4010	EST - Portion IVA Landscape Establishment	365d	07-May-15	05-May-16	-184d				
4050	EST - Portion IVE Landscape Establishment	365d	07-May-15	05-May-16	-184d				
4060	EST - Portion IVG Landscape Establishment	365d	07-May-15	05-May-16	-184d				
4000	EST - Portion IIIA Landscape Establishment	365d	22-May-15	20-May-16	-104d				
<b>INTERFACING WORKS</b>									
<b>Interfacing with CWB(RW)</b>									
4215	INT - Section 3B - Joint Inspection & Handover to CWB(RW)	14d	27-Jan-14 A	20-Mar-15	-385d				
4210	INT - Section 4A - Joint Inspection & Handover to CWB(RW)	14d	20-Mar-15	02-Apr-15	-286d				
4230	INT - Section 3A - Joint Inspection & Handover to CWB(RW)	14d	20-Mar-15	02-Apr-15	-216d				
4220	INT - Section 4 - Joint Inspection & Handover to CWB(RW)	14d	07-May-15	20-May-15	-170d				
4225	INT - Section 5 - Joint Inspection & Handover to CWB(RW)	14d	19-May-15	01-Jun-15	-116d				
<b>Key Dates for Completion of Sections</b>									
<b>Anticipated Completion</b>									

- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited Programme Update 54 (March 2015) THREE MONTH ROLLING

Project ID: U054  
Baseline: DCP7-2c  
Layout: Update Three Month Rolling U054  
Page 4 of 6

Date	Revision	Checked	Appro...
20-Feb-15	U053	AT	BY
20-Mar-15	U054	AT	BY



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015																			
						Mar				Apr				May				Jun							
						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
3092	Portion V Handover (KD9 + 28 days) - EOT 66 days added	0d		16-Apr-15*	-70d																				
3094	Portion VA Handover (KD9 + 28 days) - EOT 66 days added	0d		16-Apr-15*	-70d																				



Current Milestone	Critical Remaining Work
Level of Effort	Remaining Work
Baseline Milestone	Project Baseline
Actual Work	

**Leighton Contractors (Asia) Limited**  
**Programme Update 54 (March 2015)**  
**THREE MONTH ROLLING**

Project ID: U054  
 Baseline: DCP7-2c  
 Layout: Update Three Month Rolling U054  
 Page 6 of 6

Date	Revision	Checked	Appro...
20-Feb-15	U053	AT	BY
20-Mar-15	U054	AT	BY

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015											
						Mar			Apr			May			Jun		
<b>Update 2015-03-20 CWB(CC) - Commissioning Contract (IWPC)</b>																	
<b>PRELIMINARIES AND GENERAL REQUIREMENTS</b>																	
<b>Salient Key Dates and Milestones</b>																	
<b>Possession Dates and Vacation Dates</b>																	
PO-IXa	Possession of Portion IXa (Day 392)	937d	27-Mar-15	18-Oct-17	0d												
<b>Submissions and Approvals</b>																	
<b>Initial General Submission</b>																	
1204	Submission of Review Study and Enhancement Proposal of Directional Signs	90d	20-Mar-15	17-Jun-15	761d												
1210	Submission of 1st Construction video film	0d		20-Mar-15*	-51d												
1211	Submission of 1st Project video film video 1 / video 2 (Release I)	0d		20-Mar-15*	761d												
9932	Submission of 1st Project video film Video1 / Video2 (Release II)	0d		20-Mar-15*	-51d												
10168	Submission of CMC 3DVR	30d	20-Mar-15	18-Apr-15	821d												
<b>Programme</b>																	
12884	Submission of Works Programme (Rev.2a) - supersede Rev.2	0d		06-Mar-15 A													
12882	Review and comment of Works Programme (Rev.2)	30d	07-Mar-15 A	03-Apr-15	32d												
<b>Specified Plans</b>																	
1172	Submission of a Traffic management Contingency Plan	90d	20-Mar-15	17-Jun-15	777d												
<b>DETAILED DESIGN OF WORKS</b>																	
<b>Temporary Works Design and Engineering</b>																	
<b>Temporary Support for EVS</b>																	
10080	Temporary support for EVS - Design & approval (Marine works formwork / falsework)	30d	24-Dec-14 A	27-Mar-15	215d												
<b>Permanent Works Design and Engineering</b>																	
<b>Metal Roof on MVB</b>																	
2182	MVB Roof - Prepare Preliminary Design and Submission	48d	27-Mar-15	28-May-15	142d												
2184	MVB Roof - Finalise preliminary design and ICE Review	24d	29-May-15	26-Jun-15	142d												

- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 13 (March 2015)

#### THREE MONTH ROLLING

Project ID: H2613-U013  
 Baseline: IWPC  
 Layout: Update Three Month Rolling U013  
 Page 1 of 8

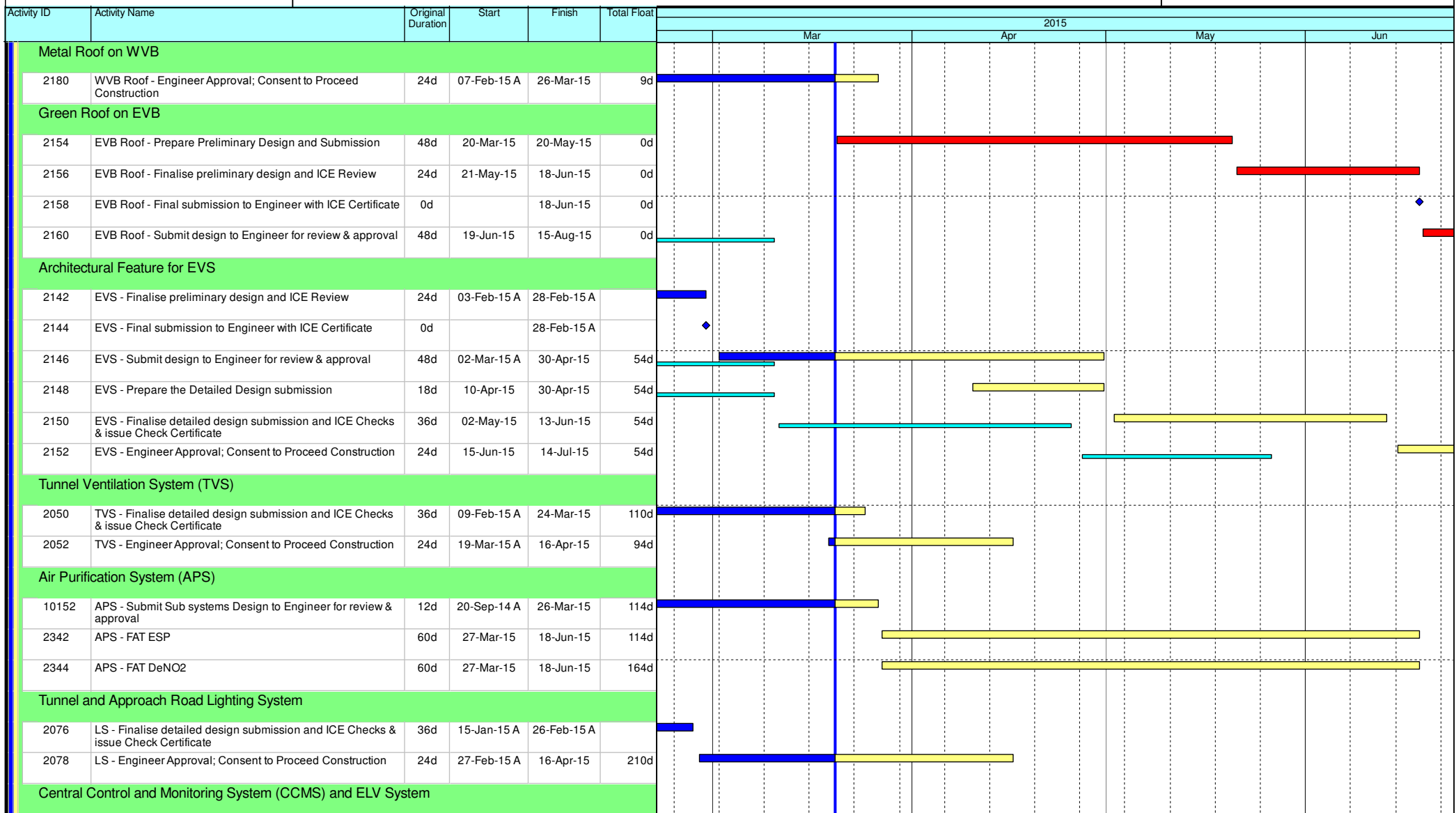
Date	Revision	Checked	Appro...
20-Feb-15	U012	AT	CW
20-Mar-15	U013	AT	CW



Data Date: 20-Mar-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.



	Current Milestone		Critical Remaining Work
	Level of Effort		Remaining Work
	Baseline Milestone		Project Baseline
	Actual Work		

## Leighton Contractors (Asia) Limited Programme Update 13 (March 2015) THREE MONTH ROLLING

Project ID: H2613-U013  
 Baseline: IWPC  
 Layout: Update Three Month Rolling U013  
 Page 2 of 8

Date	Revision	Checked	Appro...
20-Feb-15	U012	AT	CW
20-Mar-15	U013	AT	CW

Data Date: 20-Mar-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Mar	Apr	May	Jun
2092	CCMS - Engineer Approval; Consent to Proceed Construction	24d	10-Jan-15 A	16-Apr-15	205d				
<b>Traffic Control and Surveillance System (TCSS)</b>									
2102	TCSS - Prepare the Detailed Design submission	18d	06-Oct-14 A	13-Apr-15	98d				
10190	TCSS - System description (Overview) (FINAL) and submission	30d	20-Mar-15	28-Apr-15	67d				
2104	TCSS - Finalise detailed design submission and ICE Checks & issue Check Certificate	18d	14-Apr-15	05-May-15	98d				
10192	TCSS - System description (Overview) (FINAL) submission to Engineer & approval	30d	29-Apr-15	04-Jun-15	67d				
2098	TCSS - Finalise Preliminary design and ICE Review	30d	05-Jun-15	11-Jul-15	67d				
2106	TCSS - Engineer Approval; Consent to Proceed Construction	24d	12-Jun-15	11-Jul-15	67d				
<b>Electrical System</b>									
2118	ES - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	18-Sep-14 A	27-Feb-15 A					
2120	ES - Engineer Approval; Consent to Proceed Construction	24d	28-Feb-15 A	16-Apr-15	44d				
<b>Building Services System</b>									
2124	BS - Prepare Preliminary Design and Submission	60d	23-May-14 A	09-Mar-15 A					
2128	BS - Submit design to Engineer for review & approval	48d	08-Jul-14 A	31-Mar-15	46d				
2130	BS - Prepare the Detailed Design submission	18d	14-Aug-14 A	20-Feb-15 A					
2136	BS - Final submission to Engineer with ICE Certificate	0d		20-Feb-15 A					
2132	BS - Finalise detailed design submission and ICE Checks & issue Check Certificate	24d	21-Feb-15 A	20-Mar-15 A					
2134	BS - Engineer Approval; Consent to Proceed Construction	24d	01-Apr-15	04-May-15	46d				
<b>PROCUREMENT, MANUFACTURING &amp; DELIVERIES</b>									
<b>Procurement; Manufacturing; Deliveries</b>									
<b>Metal Roof on WVB</b>									
<b>Shop Drawings</b>									
2214	WVB Roof - Shop Drawings development & review	60d	16-Feb-15 A	31-Mar-15	10d				
2216	WVB Roof - Obtain Approval for Shop Drawings	0d		31-Mar-15	10d				
<b>Procurement &amp; Fabrication</b>									

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited Programme Update 13 (March 2015) THREE MONTH ROLLING

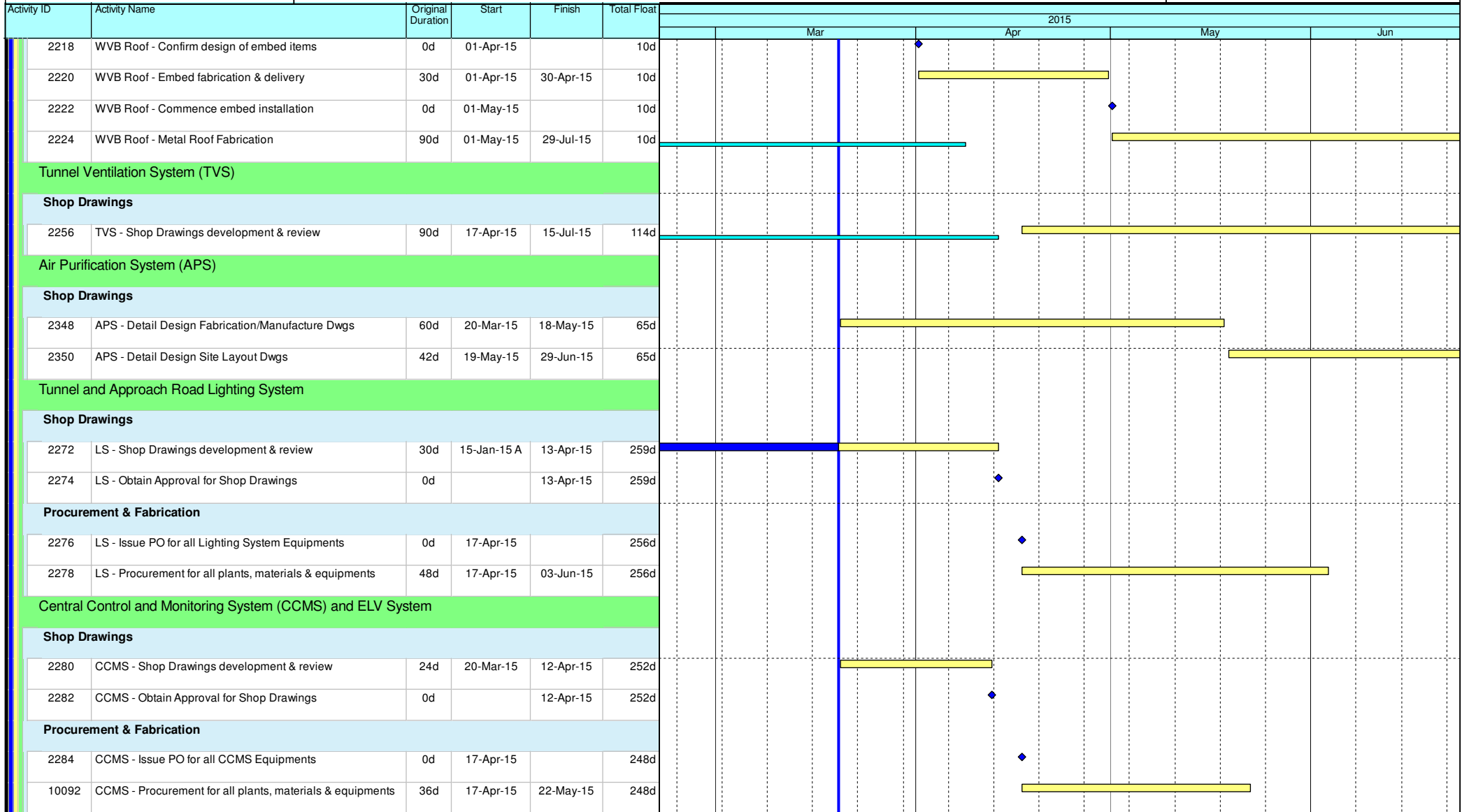
Project ID: H2613-U013  
 Baseline: IWPC  
 Layout: Update Three Month Rolling U013  
 Page 3 of 8

Date	Revision	Checked	Appro...
20-Feb-15	U012	AT	CW
20-Mar-15	U013	AT	CW

Data Date: 20-Mar-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.



- ◆ Current Milestone
- Critical Remaining Work
- ▬ Level of Effort
- ▬ Remaining Work
- ▲ Baseline Milestone
- ▬ Project Baseline
- ▬ Actual Work

## Leighton Contractors (Asia) Limited Programme Update 13 (March 2015) THREE MONTH ROLLING

Project ID: H2613-U013  
 Baseline: IWPC  
 Layout: Update Three Month Rolling U013  
 Page 4 of 8

Date	Revision	Checked	Appro...
20-Feb-15	U012	AT	CW
20-Mar-15	U013	AT	CW

Data Date: 20-Mar-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Mar	Apr	May	Jun
2286	CCMS - Delivery for all plants, materials & equipments	36d	07-May-15	11-Jun-15	248d				
<b>Traffic Control and Surveillance System (TCSS)</b>									
<b>Shop Drawings</b>									
2288	TCSS - Shop Drawings development & review	60d	03-Jun-14 A	18-Apr-15	164d				
2290	TCSS - Obtain Approval for Shop Drawings	0d		18-Apr-15	164d				
<b>Electrical System</b>									
<b>Shop Drawings</b>									
2296	ES - Shop Drawings development & review	90d	16-Jun-14 A	15-Apr-15	55d				
2298	ES - Obtain Approval for Shop Drawings	0d		15-Apr-15	55d				
<b>Procurement &amp; Fabrication</b>									
2300	ES - Issue PO for all HV switchboards and transformers	0d	17-Apr-15		54d				
2320	ES - Issue PO for all LV switchboards and motor control centres	0d	17-Apr-15		54d				
2324	ES - Issue PO for all Generators	0d	17-Apr-15		54d				
10096	ES - Procurement for all HV switchboards and transformers materials & equipments	90d	17-Apr-15	15-Jul-15	54d				
10098	ES - Procurement for all LV switchboards and MCC, materials & equipments	90d	17-Apr-15	15-Jul-15	54d				
10100	ES - Procurement for all Generators, materials & equipments	90d	17-Apr-15	15-Jul-15	54d				
2302	ES - Delivery for all HV switchboards and transformers materials & equipments	90d	17-May-15	14-Aug-15	54d				
2322	ES - Delivery for all LV switchboards and MCC, materials & equipments	90d	17-May-15	14-Aug-15	54d				
2326	ES - Delivery for all Generators, materials & equipments	90d	17-May-15	14-Aug-15	54d				
<b>Building Services System</b>									
<b>Shop Drawings / CSD / CBWD</b>									
2306	BS(WVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Mar-15	102d				
2318	BS(EVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Mar-15	132d				
2314	BS(MVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		31-Mar-15	150d				
<b>Procurement &amp; Fabrication</b>									

- ◆ Current Milestone
- Critical Remaining Work
- ▬ Level of Effort
- ▬ Remaining Work
- ▲ Baseline Milestone
- ▬ Project Baseline
- ▬ Actual Work

## Leighton Contractors (Asia) Limited Programme Update 13 (March 2015) THREE MONTH ROLLING

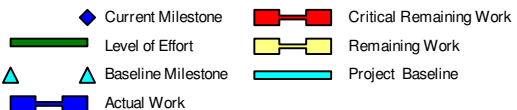
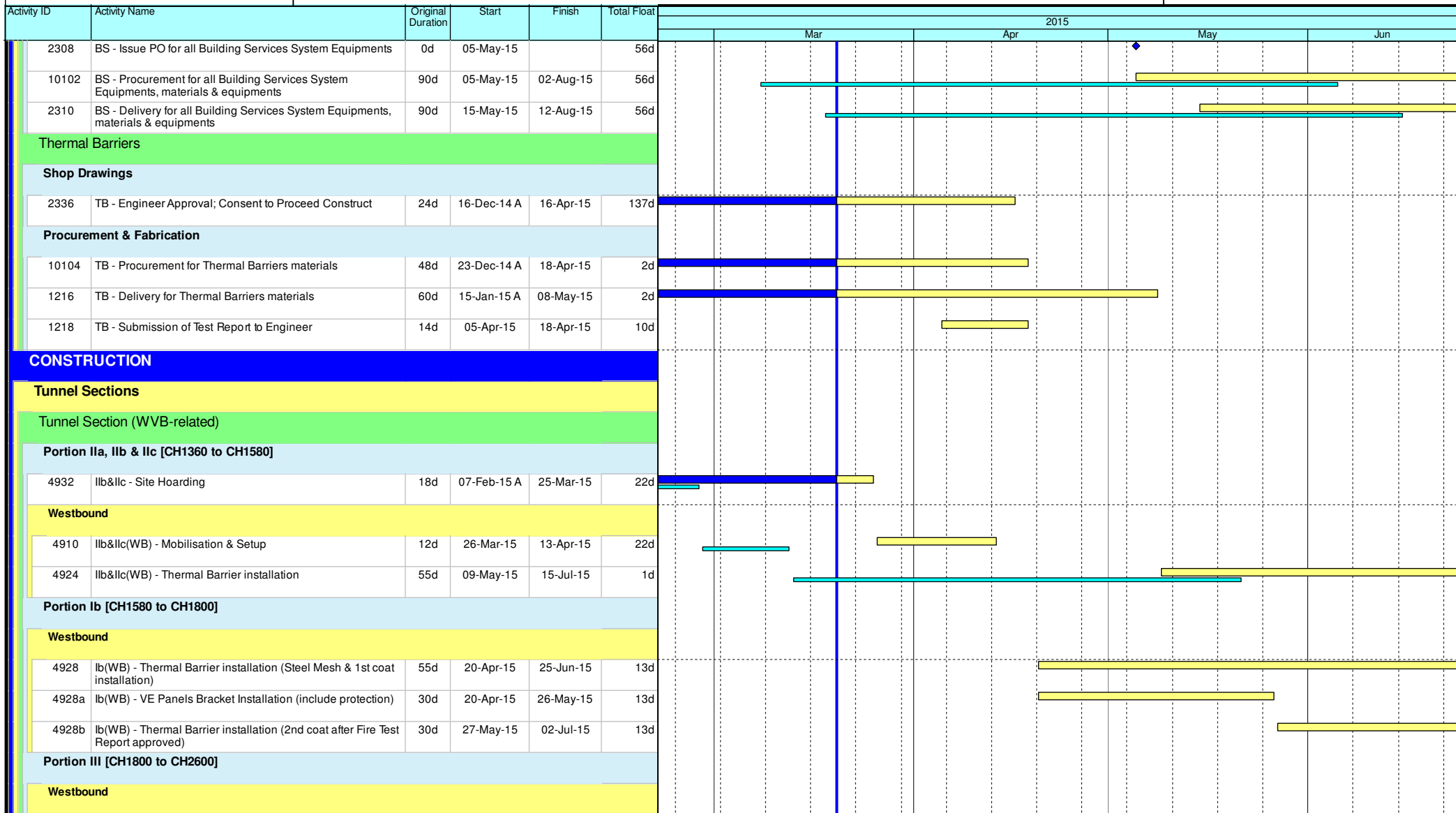
Project ID: H2613-U013  
 Baseline: IWPC  
 Layout: Update Three Month Rolling U013  
 Page 5 of 8

Date	Revision	Checked	Appro...
20-Feb-15	U012	AT	CW
20-Mar-15	U013	AT	CW

Data Date: 20-Mar-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.



## Leighton Contractors (Asia) Limited Programme Update 13 (March 2015) THREE MONTH ROLLING

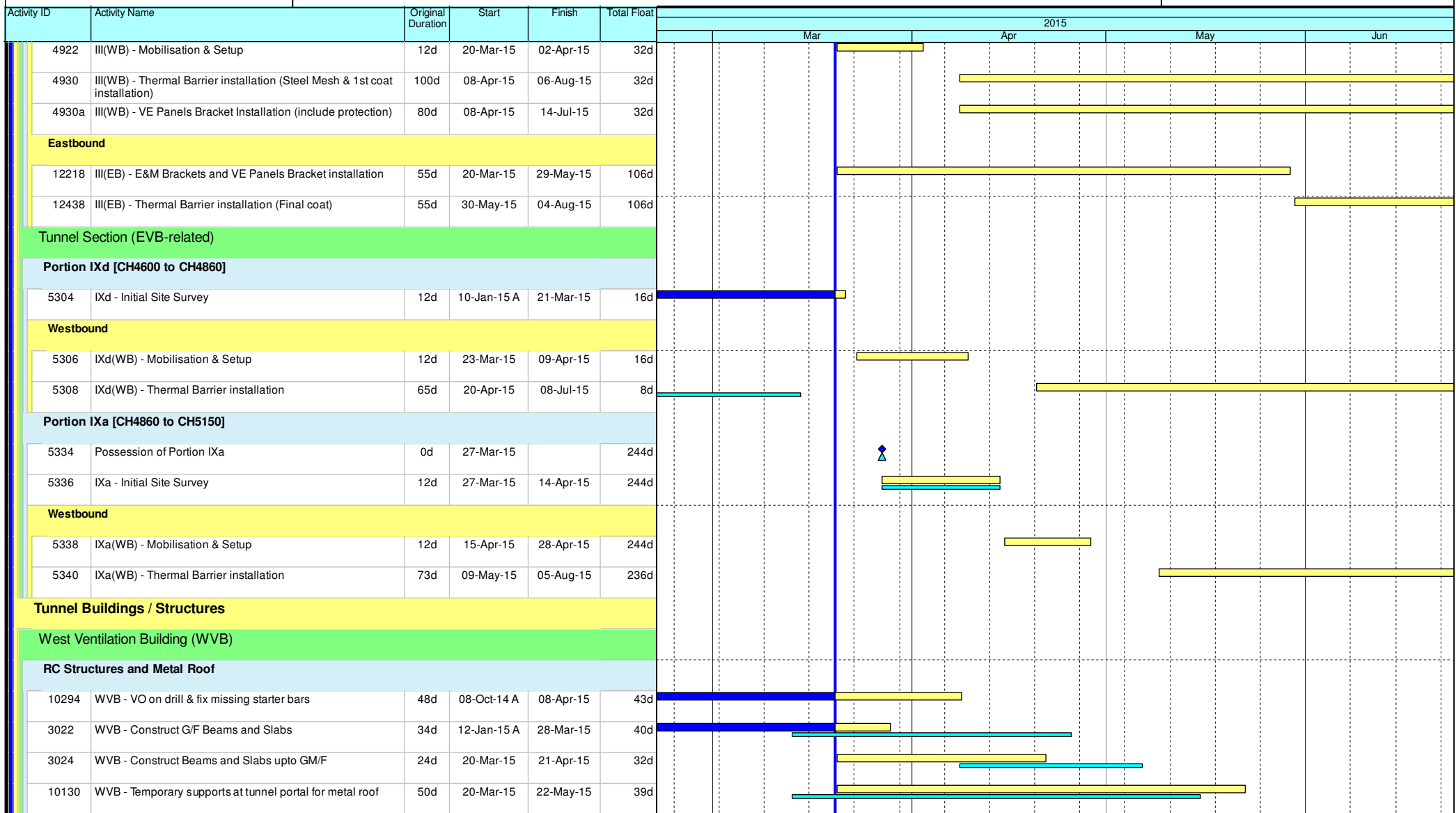
Project ID: H2613-U013  
Baseline: IWPC  
Layout: Update Three Month Rolling U013  
Page 6 of 8

Date	Revision	Checked	Appro...
20-Feb-15	U012	AT	CW
20-Mar-15	U013	AT	CW

Data Date: 20-Mar-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.



- ◆ Current Milestone
- Critical Remaining Work
- ▬ Level of Effort
- ▬ Remaining Work
- ▲ Baseline Milestone
- ▬ Project Baseline
- ▬ Actual Work

## Leighton Contractors (Asia) Limited Programme Update 13 (March 2015) THREE MONTH ROLLING

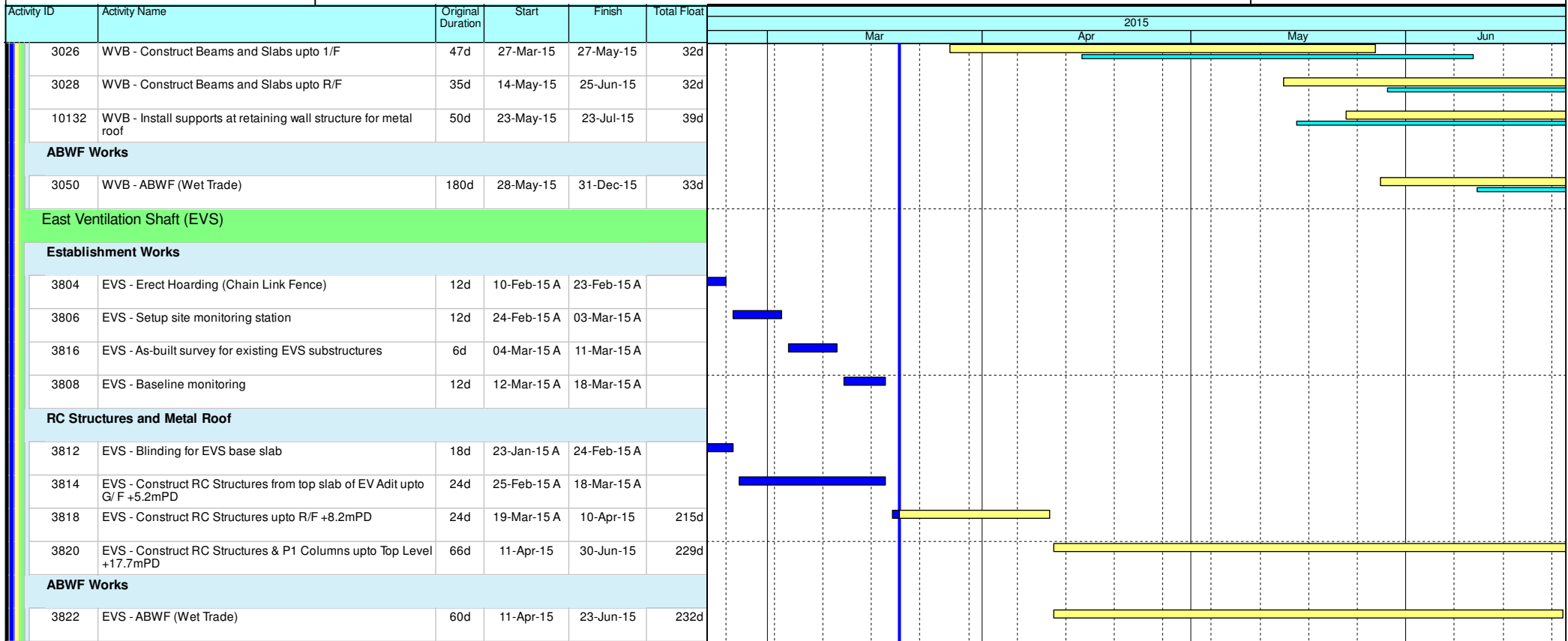
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 Baseline: IWPC  
 Layout: Update Three Month Rolling U013  
 Page 7 of 8

Date	Revision	Checked	Appro...
20-Feb-15	U012	AT	CW
20-Mar-15	U013	AT	CW

Data Date: 20-Mar-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.



- ◆ Current Milestone
- Critical Remaining Work
- ▬ Level of Effort
- ▬ Remaining Work
- ▲ Baseline Milestone
- ▬ Project Baseline
- ▬ Actual Work

## Leighton Contractors (Asia) Limited Programme Update 13 (March 2015) THREE MONTH ROLLING

Project ID: H2613-U013  
 Baseline: IWPC  
 Layout: Update Three Month Rolling U013  
 Page 8 of 8

Date	Revision	Checked	Appro...
20-Feb-15	U012	AT	CW
20-Mar-15	U013	AT	CW







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																	
<b>05.1.4 - Tunnel Structure</b>																							
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																	
<b>05.1.5 - EVB Sub-structure &amp; Tunnel</b>																							
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																	
<b>05.2 - Cut &amp; Cover Tunnel Ch 4932-5149</b>																							
<b>05.2.3 - ELS</b>																							
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
- 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		
A7792.5	Construction of pile cap for Retaining Wall F > C5-3	8	28-May-15	05-Jun-15	331																		
A7792.6	Construction of pile cap for Retaining Wall F > C5-4	8	06-Jun-15	15-Jun-15	331																		
A7800	Complete Pre-Bored H-Pile > Retaining Wall	0		25-Mar-15	331																		
<b>09 - SECTION 6 OF THE WORKS</b>																							
<b>09.2 - Westbound - Pier 26-27</b>																							
0920-2110	Pier 26-2 Pre-Bored H-Piles	6	07-Feb-15 A	26-Mar-15	145																		
0920-2111	Pier 26-1 Pre-Bored H-Piles	8	09-Mar-15 A	30-Mar-15	145																		
0920-2112	Pier 26-3 Pre-Bored H-Piles	12	30-Mar-15	16-Apr-15	145																		
0920-2113	Pier 26-4 Pre-Bored H-Piles	12	16-Apr-15	30-Apr-15	145																		
<b>10 - SECTION X OF THE WORKS</b>																							
<b>10.1 - E/B Bridges (Bridge D, E and F)</b>																							
<b>10.1.1 - Marine Pier Construction</b>																							
<b>Pier F01 to F02</b>																							
1011-2900	F1B Pier/Column Construction	12	20-Mar-15	02-Apr-15	617																		
1011-2910	F1B Crosshead Construction	18	07-Apr-15	27-Apr-15	617																		
1011-2930	Bearing installation pier F1B/F2B	12	28-Apr-15	12-May-15	617																		
<b>10.1.3 - E/B Bridge Construction</b>																							
<b>All E/B Bridges (Common)</b>																							
1013-1720	Permanent Noise Barrier Type B1 E/B Bridge Ch 962-1059 (132m)	0	02-Dec-14 A	09-Mar-15 A																			
1013-1730	Permanent Noise Barrier Type A1 E/B Bridge Ch 826-962 (136m)	0	05-Dec-14 A	17-Mar-15 A																			
A7621	Remaining E/B Bridges Bitumin Paving Works + Marking - Bridge D1 & D2	0	18-Mar-15 A	19-Mar-15 A																			
<b>10.1.4 - Bridge E / Hing Fat Slip Road</b>																							
<b>Bridge Construction</b>																							
A9260	Bridge E (Pier 18-19) - Rebar Fix > Diaphragm + Slab + Pipe install	0	13-Feb-15 A	26-Feb-15 A																			
A9270	Bridge E (Pier 18-19) - Formworks > Slab	0	26-Feb-15 A	26-Feb-15 A																			
A9280	Bridge E (Pier 18-19) - Concreting > Diaphragm + Slab	0	27-Feb-15 A	27-Feb-15 A																			
A9310	Bridge E (Pier 18-19) - Stitching > Reb. Fix + Concretin	0	20-Feb-15 A	16-Mar-15 A																			
A9360	Bridge E (Pier 17 - 18) - Rebar Fix > Diaphragm + Slab + Pipe install	0	17-Feb-15 A	02-Mar-15 A																			
A9370	Bridge E (Pier 17 - 18) - Formworks > Slab	0	02-Mar-15 A	02-Mar-15 A																			
A9380	Bridge E (Pier 17 - 18) - Concreting > Diaphragm + Slab	0	03-Mar-15 A	03-Mar-15 A																			
A9400	Bridge E (Pier 17 - 18) - Stitching > Reb. Fix + Concretin	0	17-Feb-15 A	16-Mar-15 A																			
A9450	Bridge E (Pier 19 - D1) - Rebar Fix > Diaphragm + Slab + Pipe install	0	18-Feb-15 A	07-Mar-15 A																			
A9460	Bridge E (Pier 19 - D1) - Formworks > Slab	0	07-Mar-15 A	07-Mar-15 A																			
A9470	Bridge E (Pier 19 - D1) - Concreting > Diaphragm + Slab	0	09-Mar-15 A	09-Mar-15 A																			
A9472	Bridge E (Pier E1 - D1) - Temporary L3 Parapet Railings	0	18-Feb-15 A	13-Mar-15 A																			
A9500	Bridge E (Pier 16 - 19) - Lightings	1	24-Feb-15 A	20-Mar-15	1																		
A9510	Bridge E (Pier 17 - 19) - MJ	1	18-Mar-15 A	21-Mar-15	0																		
A9520	Bridge E (Pier 17 - 19) - install pre-cast Parapet	0	06-Mar-15 A	18-Mar-15 A																			
A9521	Bridge E (Pier 17 - 19) - Instatall L3 Railing/Parapet	1	18-Mar-15 A	20-Mar-15	7																		
A9540	Bridge E (Pier 17 - D1) - Drainage Gully	0	16-Mar-15 A	20-Mar-15	1																		
A9560	Bridge E (Pier 19 - D1) - Parapet	14	30-Mar-15	17-Apr-15	789																		
A9561	Bridge E (Pier 19 - D1) - Noise Barrier > Post + Panel	14	18-Apr-15	05-May-15	789																		
A9570	Bridge E (Pier 19 - D1) - Green Wall	2	06-May-15	08-May-15	789																		
A9590	Bridge E (Pier D1) - MJ	2	17-Mar-15 A	21-Mar-15	4																		
A9600	Bridge E (Pier 17 - D1) - Asphalting	5	21-Mar-15	26-Mar-15	0																		
A9610	Bridge E (Pier 17 - D1) - Road Marking	4	23-Mar-15	27-Mar-15	0																		
A9620	Bridge E (Pier 17 - D1) - Signage	5	20-Mar-15	25-Mar-15	2																		
<b>10.2 - W/B Bridges (Bridge C and F)</b>																							
<b>10.2.2 - Bridge Construction</b>																							

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

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**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				
<b>10.5.2 - Temporary Bridge 'TB'</b>																							
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				
<b>10.6 - Tunnel Approach Ramp</b>																							
<b>10.6.1 - Approach Ramp (Excluding Portion IIB)</b>																							
<b>Bored Piles</b>																							
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				
A8050	Complete Pre-Bored H-Pile > CSD Approach Ramp	0		20-Mar-15	187														◆ Complete Pre-Bored H-Pile > CSD Approach Ramp				
<b>ELS</b>																							
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				
<b>10.6.2 - Approach Ramp (Within Portion IIB)</b>																							
<b>Bored Piles</b>																							
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				
<b>10.7 - Section X - Miscellaneous Works</b>																							
<b>10.7.1 - TTM Stages</b>																							
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				

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**Contract HY/2009/19**

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





Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Mar	Apr	May	Jun
<b>DWP-06 (A) - Update Progress As of 20 Mar 15</b>								
<b>Works in TS3</b>								
<b>TS3 East &amp; West Reclamation Works</b>								
<b>TS3W - Reclamation Works (new scheme)</b>								
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			
<b>TS3W - North</b>								
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			
<b>Works in TS3-East</b>								
<b>Diaphragm Wall</b>								
<b>TS3-East Diaphragm Construction</b>								
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)			
<b>Works in SR8 (Open Cut Method)</b>								
<b>SR8 - Cofferdam &amp; Cut &amp; Cover Tunnel Works</b>								
<b>SR8 East Bound - (Seaside to Victoria Road / IEC Central Divider)</b>								
<b>Method Statement</b>								
<b>ELS</b>								
SR8_2260	ELS Method statement - submission	24	29-May-15	26-Jun-15	[Green bar]			
<b>TTA Stage 1 - East Bound</b>								
<b>Stage 2 - East Bound (Ref. DRG. No.CDD/SR8/083)</b>								
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			
<b>TTA Stage 2 - East Bound</b>								
<b>Stage 3 - East Bound (Ref. DRG. No.CDD/SR8/084)</b>								
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
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone

Date	Revision	Checked	Approved
20-Mar-15	Updated to 20th March 2015	DML/WC	

Activity ID	Activity Name	Original Duration	Start	Finish	2015				
					Mar	Apr	May	Jun	
SR8.EB.1450	Carry out Stage 3 - Pipe Piling Work	60	05-Jun-15	15-Aug-15					
<b>Stage 4 - East Bound (Ref. DRG. No.CDD/SR8/084)</b>									
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					
<b>SR8 West Bound - Ch. 459.000 to 385.000 (Victoria Road / IEC Central Divider)</b>									
<b>TTA Stage 2 - West Bound</b>									
<b>Stage 3 - West Bound (Ref. DRG. No.CDD/SR8/087)</b>									
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					
<b>SR8 Ch.385.000 to Ch.317.500 - (Inside Victoria Park to Tunnel Portal)</b>									
<b>SR8 Tunnel - ELS / CCT / BF Works ( 7 Bays Ch. 385.000 to Ch.317.500)</b>									
<b>ELS</b>									
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					
<b>Portal Structure</b>									
<b>Blinding + Waterproofing</b>									
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					
<b>Base Slab + Drainage</b>									
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					
<b>Pump Sump E</b>									
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					
<b>SR8 Ch 317.500 to Ch 210.000 - U-Structure &amp; Slab (Victoria Park)</b>									
<b>Excavation and Lateral Support</b>									
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					
<b>RC CCT &amp; Backfill Ch317.5000 to Ch240.000</b>									
<b>Structure</b>									
<b>Blinding + Waterproofing</b>									

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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	
<b>Base Slab</b>								
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)	
<b>Wall</b>								
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)			
<b>Tsing Fung St - RW &amp; Subway Extension &amp; Toe Wall at Hing Fat St</b>								
<b>Ret. Wall &amp; TF Subway Extension (Portion V)</b>								
<b>Retaining Wall RW8C at Tsing Fung Street (Portion V)</b>								
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			
<b>Retaining Wall + Toe Wall at Hing Fat Street</b>								
<b>Subway Extension at Tsing Fung Street (Portion VIII)</b>								
<b>West Side</b>								
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			
<b>Tree Transplanting at Portion VIII (Tree Zone 20) (6 trees)</b>								
VP_1700	Preparation and Site Hoarding	36	19-Sep-14 A	23-Apr-15	Preparation and Site Hoarding			
<b>RC Works - Toe Wall (RW8E)</b>								
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			
<b>Works in Victoria Park</b>								
<b>Re-Provisioning Works</b>								
<b>Pavilion</b>								
<b>Temp. Works Design</b>								
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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<b>Materials Submission</b>								
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			
<b>Shop Drawings</b>								
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			
<b>Method Statement</b>								
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			
<b>Construction Works - BG Pavillion</b>								
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			
<b>Bowling Green</b>								
<b>Design Submissions for Bowling Green Lighting</b>								
VP_0330	Engineer's Review and Approval	24	23-Sep-14 A	27-Mar-15	Engineer's Review and Approval			
<b>Method Statement</b>								
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			
<b>Procurement</b>								
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			
<b>Portion VII Tree Transplanting, DBH &lt;300mm</b>								
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			
<b>Construction Works</b>								
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			
<b>Mooring Components Upkeep (CBTS and ATS)</b>								
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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					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]											
<b>Works for Public Works Regional Laboratory (North Lantau)</b>																
<b>Maintenance and Upkeep of New PWRL (Portion XVII)</b>																
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]											