

































Activity ID	Activity Name	Remaining Duration	Start	Finish	2015											
					August				September				October			
					09	16	23	30	06	13	20	27				
<b>3MRP - Aug 2015 to Nov 2015</b>																
<b>02 - PRE-CONSTRUCTION WORKS</b>																
<b>02.3 - Method Statement / Shop Drawings</b>																
0230-1380	MS Landscape Deck Structure - Submission	28	20-Aug-15	16-Sep-15	MS Landscape Deck Structure - Submission											
0230-1390	MS Landscape Deck Structure - ER Review & Comment	28	17-Sep-15	14-Oct-15	MS Landscape Deck Structure - ER Review & Comment											
0230-1400	MS Landscape Deck Structure - Resubmission	28	15-Oct-15	11-Nov-15	MS Landscape Deck Structure - Resubmission											
0230-1611	MS Noise Semi Enclosure - Submission	54	20-Jul-15 A	12-Oct-15	MS Noise Semi Enclosure - Submission											
0230-1612	MS Noise Semi Enclosure - ER Review / Comment	28	13-Oct-15	09-Nov-15	MS Noise Semi Enclosure - ER Review / Comment											
0230-1690	MS Approach Ramp - ER Approval	14	01-Feb-15 A	02-Sep-15	MS Approach Ramp - ER Approval											
0230-2280	MS EVB Basement & Mezzanine Construction - No Adverse Comment	0	20-Jul-15 A	02-Aug-15 A	MS EVB Basement & Mezzanine Construction - No Adverse Comment											
0230-2330	MS for Connection of EVB and EVA - Submission	10	10-Mar-15 A	29-Aug-15	MS for Connection of EVB and EVA - Submission											
0230-2340	MS for Connection of EVB and EVA - ER Review & Comment	12	30-Aug-15	10-Sep-15	MS for Connection of EVB and EVA - ER Review & Comment											
0230-2350	MS for Connection of EVB and EVA - Resubmission	6	11-Sep-15	16-Sep-15	MS for Connection of EVB and EVA - Resubmission											
0230-2360	MS for Connection of EVB and EVA - ER No Adverse Comment	10	17-Sep-15	26-Sep-15*	MS for Connection of EVB and EVA - ER No Adverse Comment											
0230-2370	MS for Contruction of New IEC Westbound Bridge - Submission	0	20-Jul-15 A	29-Jul-15 A	MS for Contruction of New IEC Westbound Bridge - Submission											
0230-2380	MS for Contruction of New IEC Westbound Bridge - ER Review & Comment	0	30-Jul-15 A	10-Aug-15 A	MS for Contruction of New IEC Westbound Bridge - ER Review & Comment											
0230-2390	MS for Contruction of New IEC Westbound Bridge - Resubmission	0	11-Aug-15 A	19-Aug-15 A	MS for Contruction of New IEC Westbound Bridge - Resubmission											
0230-2400	MS for Contruction of New IEC Westbound Bridge - ER No Adverse Comment	0	20-Jul-15 A	29-Jul-15 A	MS for Contruction of New IEC Westbound Bridge - ER No Adverse Comment											
<b>02.4 - Contractor's Design and Build Items</b>																
0240-1180	HGHK Permanent Carpark Design - ER/HGHK Review and Comment	50	20-Aug-15	08-Oct-15	HGHK Permanent Carpark Design - ER/HGHK Review and Comment											
0240-1190	HGHK Permanent Carpark Design - Resubmission	50	09-Oct-15	27-Nov-15	HGHK Permanent Carpark Design - Resubmission											
0240-1270	Landscaping Design - Submission	90	20-Aug-15*	17-Nov-15	Landscaping Design - Submission											
0240-1630	Green Roof & Wall Minimum 2 years Establishment	501	18-Apr-15 A	19-Apr-17	Green Roof & Wall Minimum 2 years Establishment											
<b>02.5 - Bridge Segment/Beam Off-site Precasting</b>																
0250-2620	Precast Beam Bridge C1 2122-E	0	23-Jun-15 A	31-Jul-15 A	Precast Beam Bridge C1 2122-E											
0250-2640	Precast Beam Bridge C1 2122-F	0	11-Jul-15 A	07-Aug-15 A	Precast Beam Bridge C1 2122-F											
0250-2660	Precast Beam Bridge E E3E2-A	0	10-May-15 A	15-Aug-15 A	Precast Beam Bridge E E3E2-A											
0250-2860	Precast Beam Bridge F5 - 14	0	01-Jun-15 A	13-Aug-15 A	Precast Beam Bridge F5 - 14											
0250-2880	Precast Beam Bridge F5 - 15	0	08-Jun-15 A	31-Jul-15 A	Precast Beam Bridge F5 - 15											
0250-2900	Precast Beam Bridge F5 - 03	0	23-Jun-15 A	27-Jul-15 A	Precast Beam Bridge F5 - 03											
0250-2920	Precast Beam Bridge F5 - 04	0	30-Jun-15 A	27-Jul-15 A	Precast Beam Bridge F5 - 04											
0250-2940	Precast Beam Bridge F5 - 05	0	10-Jul-15 A	13-Aug-15 A	Precast Beam Bridge F5 - 05											
0250-2960	Precast Beam Bridge F5 - 06	0	15-Jul-15 A	07-Aug-15 A	Precast Beam Bridge F5 - 06											
0250-2980	Precast Beam Bridge F5 - 07	0	22-Jul-15 A	14-Aug-15 A	Precast Beam Bridge F5 - 07											
0250-3000	Precast Beam Bridge F5 - 08	0	28-Jul-15 A	16-Aug-15 A	Precast Beam Bridge F5 - 08											
0250-3020	Precast Beam Bridge F5 - 09	0	04-Aug-15 A	14-Aug-15 A	Precast Beam Bridge F5 - 09											
0250-3030	Precast Beam Bridge F5 - 10	0	08-Aug-15 A	16-Aug-15 A	Precast Beam Bridge F5 - 10											
0250-3035	Completion of Beam Off-Site Pre casting	0		16-Aug-15 A	Completion of Beam Off-Site Pre casting											
0250-3580	Bridge F1C Pier 36 T-span Segment Off-site Casting (13 nos.)	17	10-Jun-15 A	08-Sep-15	Bridge F1C Pier 36 T-span Segment Off-site Casting (13 nos.)											
0250-3600	Bridge F1C Pier 37 T-span Segment Off-site Casting (11 nos.)	3	16-Jul-15 A	22-Aug-15	Bridge F1C Pier 37 T-span Segment Off-site Casting (11 nos.)											
0250-3620	Bridge F1C Abut D12 End-span Segment Off-site Casting (7 nos.)	0	21-Jul-15 A	12-Aug-15 A	Bridge F1C Abut D12 End-span Segment Off-site Casting (7 nos.)											
0250-3640	Bridge F1C Pier 38 End-span Segment Off-site Casting (6 nos.)	6	18-Jun-15 A	26-Aug-15	Bridge F1C Pier 38 End-span Segment Off-site Casting (6 nos.)											
0250-3720	Bridge F3C Pier 41 T-span Segment Off-site Casting (13 nos.)	29	10-Apr-15 A	22-Sep-15	Bridge F3C Pier 41 T-span Segment Off-site Casting (13 nos.)											
0250-3740	Bridge F3C Pier 42 T-span Segment Off-site Casting (11 nos.)	15	18-Apr-15 A	05-Sep-15	Bridge F3C Pier 42 T-span Segment Off-site Casting (11 nos.)											
0250-3760	Bridge F3C Pier 40 End-span Segment Off-site Casting (5 nos.)	16	10-Apr-15 A	07-Sep-15	Bridge F3C Pier 40 End-span Segment Off-site Casting (5 nos.)											
0250-3780	Bridge F3C Pier 43 End-span Segment Off-site Casting (6 nos.)	19	22-May-15 A	10-Sep-15	Bridge F3C Pier 43 End-span Segment Off-site Casting (6 nos.)											
0250-3860	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2)	19	05-Sep-15	29-Sep-15	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2)											
0250-3880	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1)	40	11-Sep-15	30-Oct-15	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1)											
0250-3920	Bridge F1B2 - Pier F3B2 Segment - 6 nos. (S2)	19	07-Oct-15	30-Oct-15	Bridge F1B2 - Pier F3B2 Segment - 6 nos. (S2)											
0250-3940	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2)	16	06-Nov-15	25-Nov-15	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2)											
<b>02.6 - Fabrication &amp; Delivery of Noise Enclosure</b>																
0260-5000	Int. Noise Enclosure Main + Sub Frames Fab / Del	105	01-Jun-15 A	23-Dec-15	Int. Noise Enclosure Main + Sub Frames Fab / Del											
0260-5010	Int. Noise Enclosure Noise Panel Fab / Del	122	19-Jan-15 A	14-Jan-16	Int. Noise Enclosure Noise Panel Fab / Del											
<b>05 - SECTION 2 &amp; 2A OF THE WORKS</b>																
<b>05.1 - Cut &amp; Cover Tunnel Ch 4855-4932 (APS Footprint)</b>																

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Aug to 19 Nov 2015 )**



Activity ID	Activity Name	Remaining Duration	Start	Finish	2015											
					August				September				October			
					09	16	23	30	06	13	20	27				
<b>05.1.1 - D-Wall Construction</b>																
0511-1600	D-Wall Interface Coring	0	16-May-15 A	25-Jul-15 A												
0511-1620	D-Wall Grouting/Pressure Grouting	0	26-Jul-15 A	31-Jul-15 A	sure Grouting											
<b>05.1.3 - APS &amp; Tunnel Structure</b>																
0513-3060	APS Basement (Bay 21-South) - Staircase Landing 8 > Staircase Landing 12	11	07-Jul-15 A	01-Sep-15	APS Basement (Bay 21-South) - Staircase Landing 8 > Staircase Landing 12											
0513-3080	Tunnel Level - South Side Additional Beam at Bay 21	5	20-Aug-15	25-Aug-15	Tunnel Level - South Side Additional Beam at Bay 21											
0513-3100	Reinstate Temporary Opening of Base Slab > Bay 18	9	22-Aug-15	01-Sep-15	Reinstate Temporary Opening of Base Slab > Bay 18											
0513-3105	Reinstate Temporary Opening of OHVD & Roof Slab > Bay 18	6	22-Aug-15	28-Aug-15*	Reinstate Temporary Opening of OHVD & Roof Slab > Bay 18											
0513-3140	APS Basement (Bay 21-South) - Partition wall	0	07-Apr-15 A	31-Jul-15 A	21-South) - Partition wall											
<b>05.1.4 - Tunnel Structure</b>																
0514-2040	Weak Seam Rectification works for sub-standard D-Wall	0	10-Mar-15 A	31-Jul-15 A	ion works for sub-standard D-Wall											
<b>05.1.5 - EVB Sub-structure &amp; Tunnel</b>																
0515-1060	Tunnel Roadside/Profile Barrier and Cable Trough Portion VIII B & IX B	0	16-Jun-15 A	31-Jul-15 A	ile Barrier and Cable Trough Portion VIII B & IX B											
0515-1061	Roadside Barrier - Service Trough/Steel Angle/Precast Concrete Cover	0	20-Jul-15 A	31-Jul-15 A	ervice Trough/Steel Angle/Precast Concrete Cover											
0515-1120	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 1A: GL1-2/A-E, 2-3/B-E, 3-6/C	4	13-Jul-15 A	24-Aug-15	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 1A: GL1-2/A-E, 2-3/B-E, 3-6/C-F, 4-6/F-J											
0515-1140	EVB Basement - Col/Partition Wall (Fwk) > Zone 1A to Mezz (-1.40) Soffit	7	03-Aug-15 A	27-Aug-15	EVB Basement - Col/Partition Wall (Fwk) > Zone 1A to Mezz (-1.40) Soffit											
0515-1160	EVB Basement - Col/Partition Wall (Conc) > Zone 1A to Mezz (-1.40) Soffit	2	28-Aug-15	29-Aug-15	EVB Basement - Col/Partition Wall (Conc) > Zone 1A to Mezz (-1.40) Soffit											
0515-1180	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Falsework/Fwk) > Zone 1A	10	17-Aug-15 A	10-Sep-15	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Falsework/Fwk) > Zone 1A											
0515-1200	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Reb. Fix) > Zone 1A	6	16-Sep-15 A	17-Sep-15	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Reb. Fix)											
0515-1220	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Conc) > Zone 1A	2	18-Sep-15	19-Sep-15	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (C											
0515-1240	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 2A: GL1-6/A-D (ind ST-04)	14	18-Sep-15	06-Oct-15												
0515-1260	EVB Basement - Col/Partition Wall (Fwk) > Zone 2A to Roof Soffit	14	03-Oct-15	19-Oct-15												
0515-1280	EVB Basement - Col/Partition Wall (Conc) > Zone 2A to Roof Soffit	2	20-Oct-15	22-Oct-15												
0515-1300	EVB Basement - Mezz Slab & Beam (Lv +2.65) - (Falsework/Fwk) > Zone 2A	6	23-Oct-15	29-Oct-15												
0515-1320	EVB Basement - Mezz Slab & Beam (Lv +2.65) - (Reb. Fix) > Zone 2A	3	30-Oct-15	02-Nov-15												
0515-1340	EVB Basement - Mezz Slab & Beam (Lv +2.65) - (Conc) > Zone 2A	1	03-Nov-15	03-Nov-15												
0515-1360	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 3A: GL1-6/E-H	6	12-Aug-15 A	13-Oct-15												
0515-1380	EVB Basement - Col/Partition Wall (Fwk) > Zone 3A to Roof Soffit	8	17-Aug-15 A	29-Oct-15												
0515-1400	EVB Basement - Col/Partition Wall (Conc) > Zone 3A to Roof Soffit	2	28-Oct-15	29-Oct-15												
0515-1420	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 4A: GL1-6/H-K	6	06-Aug-15 A	01-Sep-15	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 4A: GL1-6/H-K											
0515-1440	EVB Basement - Col/Partition Wall (Fwk) > Zone 4A to Roof Soffit	9	12-Aug-15 A	08-Sep-15	EVB Basement - Col/Partition Wall (Fwk) > Zone 4A to Roof Soffit											
0515-1460	EVB Basement - Col/Partition Wall (Conc) > Zone 4A to Roof Soffit	2	09-Sep-15	10-Sep-15	EVB Basement - Col/Partition Wall (Conc) > Zone 4A to Roof Soffit											
0515-1480	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 5A: GL1-6/K-O (ind ST-03)	3	07-Jul-15 A	22-Aug-15	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 5A: GL1-6/K-O (ind ST-03)											
0515-1500	EVB Basement - Col/Partition Wall (Fwk) > Zone 5A to Roof Soffit	5	11-Jul-15 A	25-Aug-15	EVB Basement - Col/Partition Wall (Fwk) > Zone 5A to Roof Soffit											
0515-1520	EVB Basement - Col/Partition Wall (Conc) > Zone 5A to Roof Soffit	1	30-Jul-15 A	26-Aug-15	EVB Basement - Col/Partition Wall (Conc) > Zone 5A to Roof Soffit											
0515-1540	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 5B: GL1-6/K-O	21	08-Sep-15	03-Oct-15												
0515-1560	EVB Basement - Roof Slab (Reb Fix) > Zone 5B: GL1-6/K-O	14	02-Oct-15	17-Oct-15												
0515-1580	EVB Basement - Roof Slab (Conc) > Zone 5B: GL1-6/K-O	2	19-Oct-15	20-Oct-15												
0515-1600	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 4B: GL1-6/H-K	21	05-Oct-15	29-Oct-15												
0515-1620	EVB Basement - Roof Slab (Reb Fix) > Zone 4B: GL1-6/H-K	14	28-Oct-15	12-Nov-15												
0515-1640	EVB Basement - Roof Slab (Conc) > Zone 4B: GL1-6/H-K	2	13-Nov-15	14-Nov-15												
0515-1660	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 3B: GL1-6/E-H	21	30-Oct-15	23-Nov-15												
<b>05.2 - Cut &amp; Cover Tunnel Ch 4932-5149</b>																
<b>05.2.5 - Road &amp; Miscellaneous Works</b>																
0525-1240	Remedial Works - Bay 9 OHVD - WestBound	0	26-Jul-15 A	31-Jul-15 A	y 9 OHVD - WestBound											
0525-1260	Remedial Works - Concrete Repair Works / Trim overbreak Concrete Etc,Honeycoms	0	09-Mar-15 A	31-Jul-15 A	crete Repair Works / Trim overbreak Concrete Etc,Honeycoms/laitance, etc.											
0525-1280	Remedial Works - Sealing off Water Leakage at D-Wall	0	01-Jun-15 A	31-Jul-15 A	aling off Water Leakage at D-Wall											
<b>06 - SECTION 3 OF THE WORKS</b>																
<b>06.1 - Westbound - Pier 29-34</b>																
0610-1380	Construct W/B Bridge Pier 29 > Pile Cap	0	11-Jul-15 A	17-Aug-15 A	Construct W/B Bridge Pier 29 > Pile Cap											
0610-1400	Construct W/B Bridge Pier 29 > Column	5	18-Aug-15 A	25-Aug-15	Construct W/B Bridge Pier 29 > Column											
0610-1420	Construct W/B Bridge Pier 29 > Rebar Fixing - Crosshead	10	26-Aug-15	05-Sep-15	Construct W/B Bridge Pier 29 > Rebar Fixing - Crosshead											
0610-1440	Construct W/B Bridge Pier 29 > Formworks + Concreting - Crosshead	4	07-Sep-15	10-Sep-15	Construct W/B Bridge Pier 29 > Formworks + Concreting - Crosshead											
0610-1460	Construct W/B Bridge Pier 29 > Bearing	4	11-Sep-15	15-Sep-15	Construct W/B Bridge Pier 29 > Bearing											
0610-1480	Construct W/B Bridge Pier 30 > Pile Cap	0	06-Jul-15 A	01-Aug-15 A	dge Pier 30 > Pile Cap											

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Aug to 19 Nov 2015 )**



Activity ID	Activity Name	Remaining Duration	Start	Finish	2015											
					August				September				October			
					09	16	23	30	06	13	20	27				
0610-1500	Construct W/B Bridge Pier 30 > Column	0	02-Aug-15 A	10-Aug-15 A	Construct W/B Bridge Pier 30 > Column											
0610-1520	Construct W/B Bridge Pier 30 > Rebar Fixing - Crosshead	9	19-Aug-15 A	29-Aug-15	Construct W/B Bridge Pier 30 > Rebar Fixing - Crosshead											
0610-1540	Construct W/B Bridge Pier 30 > Formworks + Concreting - Crosshead	4	31-Aug-15	03-Sep-15	Construct W/B Bridge Pier 30 > Formworks + Concreting - Crosshead											
0610-1560	Construct W/B Bridge Pier 30 > Bearing	6	04-Sep-15	10-Sep-15	Construct W/B Bridge Pier 30 > Bearing											
0610-1580	Construct W/B Bridge Pier 31 > Pile Cap	0	08-Jul-15 A	08-Aug-15 A	Construct W/B Bridge Pier 31 > Pile Cap											
0610-1600	Construct W/B Bridge Pier 31 > Column	0	09-Aug-15 A	18-Aug-15 A	Construct W/B Bridge Pier 31 > Column											
0610-1620	Construct W/B Bridge Pier 31 > Rebar Fixing - Crosshead	9	19-Aug-15 A	29-Aug-15	Construct W/B Bridge Pier 31 > Rebar Fixing - Crosshead											
0610-1640	Construct W/B Bridge Pier 31 > Formworks + Concreting - Crosshead	4	31-Aug-15	03-Sep-15	Construct W/B Bridge Pier 31 > Formworks + Concreting - Crosshead											
0610-1660	Construct W/B Bridge Pier 31 > Bearing	5	04-Sep-15	09-Sep-15	Construct W/B Bridge Pier 31 > Bearing											
0610-1680	Construct W/B Bridge Pier 32 > Pile Cap	0	14-Jul-15 A	01-Aug-15 A	Construct W/B Bridge Pier 32 > Pile Cap											
0610-1700	Construct W/B Bridge Pier 32 > Column	0	02-Aug-15 A	14-Aug-15 A	Construct W/B Bridge Pier 32 > Column											
0610-1720	Construct W/B Bridge Pier 32 > Rebar Fixing - Crosshead	10	19-Aug-15 A	31-Aug-15	Construct W/B Bridge Pier 32 > Rebar Fixing - Crosshead											
0610-1740	Construct W/B Bridge Pier 32 > Formworks + Concreting - Crosshead	4	01-Sep-15	04-Sep-15	Construct W/B Bridge Pier 32 > Formworks + Concreting - Crosshead											
0610-1760	Construct W/B Bridge Pier 32 > Bearing	5	05-Sep-15	10-Sep-15	Construct W/B Bridge Pier 32 > Bearing											
0610-1780	Construct W/B Bridge Pier 33 > Pile Cap	0	28-Jul-15 A	10-Aug-15 A	Construct W/B Bridge Pier 33 > Pile Cap											
0610-1800	Construct W/B Bridge Pier 33 > Column	0	11-Aug-15 A	14-Aug-15 A	Construct W/B Bridge Pier 33 > Column											
0610-1820	Construct W/B Bridge Pier 33 > Rebar Fixing - Crosshead	10	20-Aug-15	31-Aug-15	Construct W/B Bridge Pier 33 > Rebar Fixing - Crosshead											
0610-1840	Construct W/B Bridge Pier 33 > Formworks + Concreting - Crosshead	4	01-Sep-15	04-Sep-15	Construct W/B Bridge Pier 33 > Formworks + Concreting - Crosshead											
0610-1860	Construct W/B Bridge Pier 33 > Bearing	5	05-Sep-15	10-Sep-15	Construct W/B Bridge Pier 33 > Bearing											
0610-1880	W/B Bridge Pier 34 - Tie Beam > Breaking + Excav + Blinding	8	12-Nov-15	20-Nov-15												
0610-1920	Construct W/B Bridge Pier 34 Drilling of Starter Bars for Pier/Column	14	12-Nov-15	27-Nov-15												
<b>06.3 - Admin Building</b>																
0630-1100	Grd. Beam - (GL > K-N) - Removal of Existing Sheet Piles	6	20-Aug-15	26-Aug-15	Grd. Beam - (GL > K-N) - Removal of Existing Sheet Piles											
0630-1101	Grd. Beam - (GL > K-N) - Excavate to formation level + Blinding Layer Casting	5	22-Aug-15	27-Aug-15	Grd. Beam - (GL > K-N) - Excavate to formation level + Blinding Layer Casting											
0630-1120	Grd. Beam - (GL > K-N) - Install Capping Plate	4	28-Aug-15	01-Sep-15	Grd. Beam - (GL > K-N) - Install Capping Plate											
0630-1140	Grd. Beam - (GL > K-N) - Rebar Fixing for Ground Beam	7	31-Aug-15	07-Sep-15	Grd. Beam - (GL > K-N) - Rebar Fixing for Ground Beam											
0630-1160	Grd. Beam - (GL > K-N) - Erect Formworks for Ground Beam	4	05-Sep-15	09-Sep-15	Grd. Beam - (GL > K-N) - Erect Formworks for Ground Beam											
0630-1180	Grd. Beam - (GL > K-N) - Cast Concrete for Ground Beam	1	10-Sep-15	10-Sep-15	Grd. Beam - (GL > K-N) - Cast Concrete for Ground Beam											
0630-1200	Grd. Beam - (GL > K-N) - Formworks Removal	1	11-Sep-15	11-Sep-15	Grd. Beam - (GL > K-N) - Formworks Removal											
0630-1600	Grd. Beam - (GL > D-G) - Removal of Existing Sheet Piles	1	10-Aug-15 A	20-Aug-15	Grd. Beam - (GL > D-G) - Removal of Existing Sheet Piles											
0630-1620	Grd. Beam - (GL > D-G) - Excavate to formation level + Blinding Layer Casting	5	21-Aug-15	26-Aug-15	Grd. Beam - (GL > D-G) - Excavate to formation level + Blinding Layer Casting											
0630-1640	Grd. Beam - (GL > D-G) - Install Capping Plate	4	26-Aug-15	29-Aug-15	Grd. Beam - (GL > D-G) - Install Capping Plate											
0630-1660	Grd. Beam - (GL > D-G) - Rebar Fixing for Ground Beam	7	28-Aug-15	04-Sep-15	Grd. Beam - (GL > D-G) - Rebar Fixing for Ground Beam											
0630-1700	Grd. Beam - (GL > D-G) - Erect Formworks for Ground Beam	4	05-Sep-15	09-Sep-15	Grd. Beam - (GL > D-G) - Erect Formworks for Ground Beam											
0630-1720	Grd. Beam - (GL > D-G) - Cast Concrete for Ground Beam	1	10-Sep-15	10-Sep-15	Grd. Beam - (GL > D-G) - Cast Concrete for Ground Beam											
0630-1740	Grd. Beam - (GL > D-G) - Formworks Removal	1	11-Sep-15	11-Sep-15	Grd. Beam - (GL > D-G) - Formworks Removal											
0630-2020	Grd. Beam - (GL > B-D) - Removal of Existing Sheet Piles	1	18-Aug-15 A	20-Aug-15	Grd. Beam - (GL > B-D) - Removal of Existing Sheet Piles											
0630-2021	Grd. Beam - (GL > B-D) - Excavate to formation level + Blinding Layer Casting	6	20-Aug-15	26-Aug-15	Grd. Beam - (GL > B-D) - Excavate to formation level + Blinding Layer Casting											
0630-2040	Grd. Beam - (GL > B-D) - Install Capping Plate	4	27-Aug-15	31-Aug-15	Grd. Beam - (GL > B-D) - Install Capping Plate											
0630-2080	Grd. Beam - (GL > B-D) - Rebar Fixing for Ground Beam	7	02-Sep-15	09-Sep-15	Grd. Beam - (GL > B-D) - Rebar Fixing for Ground Beam											
0630-2100	Grd. Beam - (GL > B-D) - Erect Formworks for Ground Beam	4	09-Sep-15	12-Sep-15	Grd. Beam - (GL > B-D) - Erect Formworks for Ground Beam											
0630-2120	Grd. Beam - (GL > B-D) - Cast Concrete for Ground Beam	1	14-Sep-15	14-Sep-15	Grd. Beam - (GL > B-D) - Cast Concrete for Ground Beam											
0630-2140	Grd. Beam - (GL > B-D) - Formworks Removal	1	15-Sep-15	15-Sep-15	Grd. Beam - (GL > B-D) - Formworks Removal											
A1000	Construction of pile cap for PC21	15	22-Oct-15	07-Nov-15												
A1010	Construction of pile cap for PC22	15	30-Oct-15	16-Nov-15												
A1020	Install underground drainage at Portion VB	12	27-Aug-15	09-Sep-15	Install underground drainage at Portion VB											
<b>08 - SECTION 5 WORK</b>																
<b>08.1 - Retaining Wall 'F' Substructure</b>																
0810-1640	Retaining Wall F > Pile Testing & prep for Caps Const	5	02-Oct-15*	07-Oct-15												
0810-1650	Retaining Wall F > Temp Excav Support/Open cut Excav works	21	08-Oct-15*	02-Nov-15												
0810-1660	Retaining Wall F > Excavation Works for Pile caps	25	19-Oct-15	17-Nov-15												
0810-1670	Construction of pile cap for Retaining Wall F @ C4-13	15	22-Oct-15	07-Nov-15												
0810-1680	Construction of pile cap for Retaining Wall F @ C4-14/C15-11	15	31-Oct-15	17-Nov-15												
0810-1700	Construction of pile cap for Retaining Wall F @ C5-12	15	10-Nov-15	26-Nov-15												

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Aug to 19 Nov 2015 )**



Activity ID	Activity Name	Remaining Duration	Start	Finish	2015											
					August				September				October			
					09	16	23	30	06	13	20	27				
<b>09 - SECTION 6 OF THE WORKS</b>																
<b>09.2 - Westbound - Pier 26-27</b>																
0920-1080	Pier 27 Prepare C.J. and Modify Tie Beam	18	20-Aug-15	09-Sep-15	Pier 27 Prepare C.J. and Modify Tie Beam											
0920-1100	Pier 27 Construct Pier/Column	18	10-Sep-15	02-Oct-15	Pier 27 Construct Pier/Column											
0920-1120	Pier 27 Construct Crosshead	24	03-Oct-15	31-Oct-15	Pier 27 Construct Crosshead											
0920-1140	Pier 27 Install Bearing	9	02-Nov-15	11-Nov-15	Pier 27 Install Bearing											
0920-1160	Pier 26 Prepare C.J. + Drill in Re-bar + Modify Pilecap	18	20-Aug-15	09-Sep-15	Pier 26 Prepare C.J. + Drill in Re-bar + Modify Pilecap											
0920-1180	Pier 26 Construct Pier/Column	18	10-Sep-15	02-Oct-15	Pier 26 Construct Pier/Column											
0920-1200	Pier 26 Construct Crosshead	24	03-Oct-15	31-Oct-15	Pier 26 Construct Crosshead											
0920-1220	Pier 26 Install Bearing	9	02-Nov-15	11-Nov-15	Pier 26 Install Bearing											
<b>10 - SECTION X OF THE WORKS</b>																
<b>10.4 - Bridge Deck Demolition</b>																
<b>10.4.1 - Existing W/B Bridge (Part 1)</b>																
10410-1320	Excavate + Demolish W/B Bridge Pier 33 > Pile Cap	0	14-Jul-15 A	27-Jul-15 A	33 > Pile Cap											
10410-1440	Demolish W/B Bridge Pier 27 > Column > by Crane C	0	19-Jul-15 A	23-Jul-15 A	Demolish W/B Bridge Pier 27 > Column > by Crane C											
10410-1480	Demolish W/B Bridge Deck Pier 25-26 (7 beams) > by Crane B & C	0	23-Jul-15 A	25-Jul-15 A	Demolish W/B Bridge Deck Pier 25-26 (7 beams) > by Crane B & C											
10410-1500	Demolish W/B Bridge Pier 26 > Column > by Crane C	0	25-Jul-15 A	30-Jul-15 A	Demolish W/B Bridge Pier 26 > Column > by Crane C											
10410-1520	Saw Cutting W/B Bridge Deck Pier 24-25	0	30-Jul-15 A	01-Aug-15 A	Saw Cutting W/B Bridge Deck Pier 24-25											
10410-1540	Demolish W/B Bridge Deck Pier 24-25 (7 beams) > by Crane B & C	0	31-Jul-15 A	03-Aug-15 A	Demolish W/B Bridge Deck Pier 24-25 (7 beams) > by Crane B & C											
10410-1560	Demolish W/B Bridge Pier 25 > Column > by Crane C	0	03-Aug-15 A	06-Aug-15 A	Demolish W/B Bridge Pier 25 > Column > by Crane C											
10410-1580	Saw Cutting W/B Bridge Deck Pier 23-24	0	04-Aug-15 A	07-Aug-15 A	Saw Cutting W/B Bridge Deck Pier 23-24											
10410-1600	Demolish W/B Bridge Deck Pier 23-24 (7 beams) > by Crane B & C	0	06-Aug-15 A	10-Aug-15 A	Demolish W/B Bridge Deck Pier 23-24 (7 beams) > by Crane B & C											
10410-1620	Demolish W/B Bridge Pier 24 > Column > by Crane C	0	10-Aug-15 A	15-Aug-15 A	Demolish W/B Bridge Pier 24 > Column > by Crane C											
10410-1640	Saw Cutting W/B Bridge Deck Pier 22-23	0	13-Aug-15 A	16-Aug-15 A	Saw Cutting W/B Bridge Deck Pier 22-23											
10410-1660	Demolish W/B Bridge Deck Pier 22-23 (7 beams) > by Crane B & C	0	15-Aug-15 A	19-Aug-15 A	Demolish W/B Bridge Deck Pier 22-23 (7 beams) > by Crane B & C											
10410-1680	Demolish W/B Bridge Pier 23 > Column > by Crane C	5	20-Aug-15	25-Aug-15	Demolish W/B Bridge Pier 23 > Column > by Crane C											
10410-1700	Saw Cutting W/B Bridge Deck Pier 21-22	3	19-Aug-15 A	22-Aug-15	Saw Cutting W/B Bridge Deck Pier 21-22											
10410-1701	Dem. W/B Bridge Deck Pier 21-22 (1 beam) w/ time constraint start up to 4Pm > by C	1	24-Aug-15	24-Aug-15	Dem. W/B Bridge Deck Pier 21-22 (1 beam) w/ time constraint start up to 4Pm > by Crane B & C											
10410-1720	Demolish W/B Bridge Deck Pier 21-22 (5 beams) > by Crane B & C	3	25-Aug-15	27-Aug-15	Demolish W/B Bridge Deck Pier 21-22 (5 beams) > by Crane B & C											
10410-1740	Demolish W/B Bridge Pier 22 > Column > by Crane C	5	28-Aug-15	02-Sep-15	Demolish W/B Bridge Pier 22 > Column > by Crane C											
10410-1741	Saw Cutting W/B Bridge Deck Pier 20-21	2	28-Aug-15	29-Aug-15	Saw Cutting W/B Bridge Deck Pier 20-21											
10410-1742	Dem. W/B Bridge Deck Pier 20-21 (1 beam) w/ time constraint start up to 4Pm > by C	2	31-Aug-15	01-Sep-15	Dem. W/B Bridge Deck Pier 20-21 (1 beam) w/ time constraint start up to 4Pm > by Crane B & C											
10410-1743	Demolish W/B Bridge Deck Pier 20-21 (2 beams) > by Crane B & C	1	02-Sep-15	02-Sep-15	Demolish W/B Bridge Deck Pier 20-21 (2 beams) > by Crane B & C											
10410-1743.1	Cutting of W/B Bridge Crosshead Wing at Pier 21 for Modification	2	03-Sep-15	04-Sep-15	Cutting of W/B Bridge Crosshead Wing at Pier 21 for Modification											
10410-1744	Demolish W/B Bridge Deck Pier 19-20 (2 beams) > Insatall Scaffoldings to Support B	5	28-Aug-15	02-Sep-15	Demolish W/B Bridge Deck Pier 19-20 (2 beams) > Insatall Scaffoldings to Support Beams											
10410-1745	Saw Cutting W/B Bridge Deck Pier 19-20 @ 2 Beams into 8Pcs(1x4X2)	4	03-Sep-15	07-Sep-15	Saw Cutting W/B Bridge Deck Pier 19-20 @ 2 Beams into 8Pcs(1x4X2)											
10410-1746	Dem. W/B Bridge Deck Pier 19-20 (1 beam) w/ time constraint start up to 4Pm > by C	2	05-Sep-15	07-Sep-15	Dem. W/B Bridge Deck Pier 19-20 (1 beam) w/ time constraint start up to 4Pm > by Crane B											
10410-1747	Demolish W/B Bridge Deck Pier 19-20 (1 beam) > by Crane B	1	08-Sep-15	08-Sep-15	Demolish W/B Bridge Deck Pier 19-20 (1 beam) > by Crane B											
10410-1747.1	Cutting of W/B Bridge Crosshead Wing at Pier 20 for Modification	2	09-Sep-15	10-Sep-15	Cutting of W/B Bridge Crosshead Wing at Pier 20 for Modification											
10410-1747.5	Demolish W/B Bridge Deck Pier 17-18 (2 beams) > Insatall Scaffoldings to Support B	5	02-Sep-15	07-Sep-15	Demolish W/B Bridge Deck Pier 17-18 (2 beams) > Insatall Scaffoldings to Support Beams											
10410-1748	Saw Cutting W/B Bridge Deck Pier 17-18 @ 2 Beams into 8Pcs(1x4X2)	4	08-Sep-15	11-Sep-15	Saw Cutting W/B Bridge Deck Pier 17-18 @ 2 Beams into 8Pcs(1x4X2)											
10410-1749	Dem. W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B	1	11-Sep-15	11-Sep-15	Dem. W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B											
10410-1750	Demolish W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B	1	12-Sep-15	12-Sep-15	Demolish W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B											
10410-1751	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Construct Footing for Shoring of f	5	24-Aug-15	28-Aug-15	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Construct Footing for Shoring of Beams											
10410-1752	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Install Shoring + Fixing to hold Be.	5	29-Aug-15	03-Sep-15	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Install Shoring + Fixing to hold Beams											
10410-1753	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Saw Cutting of Bridge Deck & Par	10	04-Sep-15	15-Sep-15	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Saw Cutting of Bridge Deck & Par											
10410-1754	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) w/ time constraint start at 4l	2	14-Sep-15	15-Sep-15	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) w/ time constraint start at 4l											
10410-1755	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) > by Crane D	1	16-Sep-15	16-Sep-15	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) > by Crane D											
10410-1756	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Westside) w/ time constraint start at 4	1	17-Sep-15	17-Sep-15	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Westside) w/ time constraint start at 4											
10410-1757	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Westside) > by Crane D	1	18-Sep-15	18-Sep-15	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Westside) > by Crane D											
10410-1760	Cutting of W/B Bridge Crosshead Wing at Pier 19 for Modification > by Crane D	2	17-Sep-15	18-Sep-15	Cutting of W/B Bridge Crosshead Wing at Pier 19 for Modification > by Crane D											
10410-1761	Cutting of W/B Bridge Crosshead Wing at Pier 18 for Modification > by Crane D	2	19-Sep-15	21-Sep-15	Cutting of W/B Bridge Crosshead Wing at Pier 18 for Modification > by Crane D											
10410-1762	Removal of Shoring	2	19-Sep-15	21-Sep-15	Removal of Shoring											
10410-1763	Removal of Temporary Footing	5	22-Sep-15	26-Sep-15	Removal of Temporary Footing											

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Aug to 19 Nov 2015 )**



Activity ID	Activity Name	Remaining Duration	Start	Finish	2015											
					August				September				October			
					09	16	23	30	06	13	20	27				
10410-2180	Demolish Temp. W/B Bridge - Deck > Pier 42 to 43 (6 beams)	0	17-Jul-15 A	28-Jul-15 A	Demolish Temp. W/B Bridge - Deck > Pier 42 to 43 (6 beams)											
10410-2200	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 43	0	29-Jul-15 A	07-Aug-15 A	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 43											
10410-2220	Demolish Temp. W/B Bridge - Deck > Pier 41 to 42 (6 beams)	0	08-Aug-15 A	11-Aug-15 A	Demolish Temp. W/B Bridge - Deck > Pier 41 to 42 (6 beams)											
10410-2240	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 42	0	12-Aug-15 A	18-Aug-15 A	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 42											
10410-2260	Demolish Temp. W/B Bridge - Deck > Pier 40 to 41 (6 beams)	0	18-Aug-15 A	19-Aug-15 A	Demolish Temp. W/B Bridge - Deck > Pier 40 to 41 (6 beams)											
10410-2280	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 41	7	20-Aug-15	27-Aug-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 41											
10410-2300	Demolish Temp. W/B Bridge - Deck > Pier 39 to 40 (6 beams)	4	28-Aug-15	01-Sep-15	Demolish Temp. W/B Bridge - Deck > Pier 39 to 40 (6 beams)											
10410-2320	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 40	7	02-Sep-15	09-Sep-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 40											
10410-2340	Demolish Temp. W/B Bridge - Deck > Pier 38 to 39 (6 beams)	4	10-Sep-15	14-Sep-15	Demolish Temp. W/B Bridge - Deck > Pier 38 to 39 (6 beams)											
10410-2360	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 39	7	15-Sep-15	22-Sep-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 39											
10410-2380	Demolish Temp. W/B Bridge - Deck > Pier 37 to 38 (6 beams)	3	23-Sep-15	25-Sep-15	Demolish Temp. W/B Bridge - Deck > Pier 37 to 38 (6 beams)											
10410-2400	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 38	7	26-Sep-15	06-Oct-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 38											
10410-2420	Demolish Temp. W/B Bridge - Deck > Pier 36 to 37 (6 beams)	3	07-Oct-15	09-Oct-15	Demolish Temp. W/B Bridge - Deck > Pier 36 to 37 (6 beams)											
10410-2440	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 37	7	10-Oct-15	17-Oct-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 37											
10410-2460	Demolish Temp. W/B Bridge - Deck > Pier 35 to 36 (6 beams)	3	19-Oct-15	22-Oct-15	Demolish Temp. W/B Bridge - Deck > Pier 35 to 36 (6 beams)											
10410-2480	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 36	7	23-Oct-15	30-Oct-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 36											
10410-2500	Demolish Temp. W/B Bridge - Deck > Pier 34 to 35 (6 beams)	3	31-Oct-15	03-Nov-15	Demolish Temp. W/B Bridge - Deck > Pier 34 to 35 (6 beams)											
10410-2520	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 35 (by crane)	7	04-Nov-15	11-Nov-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 35 (by crane)											
10410-2540	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 34 (by crane)	7	04-Nov-15	11-Nov-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 34 (by crane)											
10410-3020	Pier 22 Erect Falsework at existing W/B Bridge prior to demolition	0	14-Aug-15 A	16-Aug-15 A	Pier 22 Erect Falsework at existing W/B Bridge prior to demolition											
<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>																
1011-8600	F1B Pier/Column Construction	12	07-Oct-15	20-Oct-15												
1011-8620	F1B Crosshead Construction	18	22-Oct-15	11-Nov-15												
1011-8640	Bearing installation pier F1B & F2B	12	12-Nov-15	25-Nov-15												
<b>10.1.4 - Bridge E / Hing Fat Slip Road</b>																
<b>Bridge Construction</b>																
1014-1840	Construction (Pier E4 - Pier E2) > Construct Pile Cap at Pier E3	2	03-Aug-15 A	21-Aug-15	Construction (Pier E4 - Pier E2) > Construct Pile Cap at Pier E3											
1014-1860	Construction (Pier E4 - Pier E2) > Construct Pier E3	9	22-Aug-15	01-Sep-15	Construction (Pier E4 - Pier E2) > Construct Pier E3											
1014-1880	Construction (Pier E4 - Pier E2) > Construct Crosshead + Bearing at Pier E3	21	02-Sep-15	25-Sep-15	Construction (Pier E4 - Pier E2) > Construct Pier E3											
1014-1900	Construction (Pier E4 - Pier E2) > Modification of Crosshead + Bearing at Pier E4 & E	14	20-Aug-15	05-Sep-15	Construction (Pier E4 - Pier E2) > Modification of Crosshead + Bearing at Pier E4 & E2											
1014-1920	Construction (Pier E4 - Pier E2) > Erect 3nos Beams > Pier E3-E2	5	26-Sep-15	03-Oct-15												
1014-1940	Construction (Pier E4 - Pier E2) > Erect 3nos Beams > Pier E4-E3	5	05-Oct-15	09-Oct-15												
1014-1960	Construction (Pier E4 - Pier E2) > Erect Scaffolding + Platform + Pre-cast Planking >	7	10-Oct-15	17-Oct-15												
1014-1980	Construction (Pier E4 - Pier E2) > Rebar Fixing of Deck + Diaphragm + Concreting >	14	16-Oct-15	02-Nov-15												
1014-2000	Construction (Pier E4 - Pier E2) > Construct Parapet D1-E2	14	15-Oct-15	02-Nov-15												
1014-2020	Construction (Pier E4 - Pier E2) > Construct Parapet E2-E4	14	03-Nov-15	18-Nov-15												
1014-2040	Construction (Pier E4 - Pier E2) > Install Street Furniture/GullyEtc.	14	03-Nov-15	18-Nov-15												
1014-2060	Construction (Pier E4 - Pier E2) > Install MJ at Pier E2	7	09-Nov-15	16-Nov-15												
1014-2080	Construction (Pier E4 - Pier E2) > Install MJ at Pier E3 & E4	8	12-Nov-15	20-Nov-15												
1014-2100	Construction (Pier E4 - Pier E2) > Asphalt + Road Markings, Install Street Furniture/Si	4	21-Nov-15	25-Nov-15												
1014-2940	Bridge E (Pier 19 - D1) - Noise Barrier > Post + Panel	14	02-Nov-15	17-Nov-15												
1014-2960	Bridge E (Pier 19 - D1) - Green Panel Installation	2	18-Nov-15	20-Nov-15												
<b>10.2 - W/B Bridges (Bridge C and F)</b>																
<b>10.2.1 - Pier Construction</b>																
<b>Pier 38 to 43</b>																
1021-1820	Pier 38 (F3C) Prepare C.J. at Existing Pile Cap	11	07-Oct-15	19-Oct-15												
1021-1840	Pier 38 (F3C) Construct Pier/Column	18	20-Oct-15	10-Nov-15												
1021-1900	Pier 39 (F4C) Prepare C.J. at Existing Pile Cap	11	23-Sep-15	07-Oct-15												
1021-1920	Pier 39 (F4C) Construct Pier/Column	18	08-Oct-15	29-Oct-15												
1021-1940	Pier 39 (F4C) Construct Crosshead	24	30-Oct-15	26-Nov-15												
1021-1980	Pier 40 (F5C) Prepare C.J. at Existing Pile Cap	11	10-Sep-15	22-Sep-15	Pier 40 (F5C) Prepare C.J. at Existing											
1021-2000	Pier 40 (F5C) Construct Pier/Column	18	23-Sep-15	15-Oct-15												
1021-2020	Pier 40 (F5C) Construct Crosshead	24	16-Oct-15	13-Nov-15												
1021-2040	Pier 40 (F5C) Install Bearing	9	14-Nov-15	24-Nov-15												

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Aug to 19 Nov 2015 )**



Activity ID	Activity Name	Remaining Duration	Start	Finish	2015											
					August			September			October					
					09	16	23	30	06	13	20	27				
1021-2060	Pier 41 (F6C) Prepare C.J. at Existing Pile Cap	11	28-Aug-15	09-Sep-15	Pier 41 (F6C) Prepare C.J. at Existing Pile Cap											
1021-2080	Pier 41 (F6C) Construct Pier/Column	18	10-Sep-15	02-Oct-15	Pier 41 (F6C) Construct Pier/Column											
1021-2100	Pier 41 (F6C) Construct Crosshead	24	03-Oct-15	31-Oct-15	Pier 41 (F6C) Construct Crosshead											
1021-2120	Pier 41 (F6C) Install Bearing	9	02-Nov-15	11-Nov-15	Pier 41 (F6C) Install Bearing											
1021-2140	Pier 42 (F7C) Prepare C.J. at Existing Pile Cap	11	20-Aug-15	01-Sep-15	Pier 42 (F7C) Prepare C.J. at Existing Pile Cap											
1021-2160	Pier 42 (F7C) Construct Pier/Column	18	02-Sep-15	22-Sep-15	Pier 42 (F7C) Construct Pier/Column											
1021-2180	Pier 42 (F7C) Construct Crosshead	24	23-Sep-15	23-Oct-15	Pier 42 (F7C) Construct Crosshead											
1021-2200	Pier 42 (F7C) Install Bearing	9	24-Oct-15	03-Nov-15	Pier 42 (F7C) Install Bearing											
1021-2220	Pier 43 (F8C) Prepare C.J. at Existing Pile Cap	5	08-Aug-15 A	25-Aug-15	Pier 43 (F8C) Prepare C.J. at Existing Pile Cap											
1021-2240	Pier 43 (F8C) Construct Pier/Column	18	26-Aug-15	15-Sep-15	Pier 43 (F8C) Construct Pier/Column											
1021-2260	Pier 43 (F8C) Construct Crosshead	24	16-Sep-15	15-Oct-15	Pier 43 (F8C) Construct Crosshead											
1021-2280	Pier 43 (F8C) Install Bearing	9	16-Oct-15	27-Oct-15	Pier 43 (F8C) Install Bearing											
<b>Pier 36 to 37</b>																
1021-1580	Pier 36 (F1C) Prepare CJ at Existing Pile Cap	11	31-Oct-15	12-Nov-15	Pier 36 (F1C) Prepare CJ at Existing Pile Cap											
1021-1660	Pier 37 (F2C) Prepare CJ at Existing Pile Cap	11	19-Oct-15	31-Oct-15	Pier 37 (F2C) Prepare CJ at Existing Pile Cap											
1021-1680	Pier 37 (F2C) Construct Pier/Column	18	02-Nov-15	21-Nov-15	Pier 37 (F2C) Construct Pier/Column											
<b>Pier 28</b>																
1021-1740	Pier 28 Excav + Prepare C.J	0	10-Aug-15 A	14-Aug-15 A	Pier 28 Excav + Prepare C.J											
1021-1760	Pier 28 Construct Pier/Column	6	20-Aug-15	26-Aug-15	Pier 28 Construct Pier/Column											
1021-1780	Pier 28 Construct Crosshead	14	27-Aug-15	11-Sep-15	Pier 28 Construct Crosshead											
1021-1800	Pier 28 Install Bearing	9	12-Sep-15	22-Sep-15	Pier 28 Install Bearing											
<b>Pier 20 to 25</b>																
1021-1060	Pier 22 Prepare C.J. and Modify Tie Beam	18	03-Sep-15	23-Sep-15	Pier 22 Prepare C.J. and Modify Tie Beam											
1021-1080	Pier 22 Reconstruct Column	18	24-Sep-15	16-Oct-15	Pier 22 Reconstruct Column											
1021-1100	Pier 22 Reconstruct Crosshead	24	17-Oct-15	14-Nov-15	Pier 22 Reconstruct Crosshead											
1021-1120	Pier 22 Install Bearing	6	16-Nov-15	23-Nov-15	Pier 22 Install Bearing											
1021-1280	Pier 24 Prepare C.J. and Modify Tie Beam	18	20-Aug-15	09-Sep-15	Pier 24 Prepare C.J. and Modify Tie Beam											
1021-1300	Pier 24 Reconstruct Column	18	10-Sep-15	02-Oct-15	Pier 24 Reconstruct Column											
1021-1320	Pier 24 Reconstruct Crosshead	24	03-Oct-15	31-Oct-15	Pier 24 Reconstruct Crosshead											
1021-1340	Pier 24 Install Bearing	9	02-Nov-15	11-Nov-15	Pier 24 Install Bearing											
1021-1360	Pier 25 Prepare C.J. and Modify Tie Beam	18	20-Aug-15	09-Sep-15	Pier 25 Prepare C.J. and Modify Tie Beam											
1021-1380	Pier 25 Reconstruct Column	18	10-Sep-15	02-Oct-15	Pier 25 Reconstruct Column											
1021-1400	Pier 25 Reconstruct Crosshead	24	03-Oct-15	31-Oct-15	Pier 25 Reconstruct Crosshead											
1021-1420	Pier 25 Install Bearing	9	02-Nov-15	11-Nov-15	Pier 25 Install Bearing											
1021-1500	Pier 23 Prepare C.J. + Drill in Re-bar + Modify Pilecap	0	09-Jun-15 A	25-Jul-15 A	Pier 23 Prepare C.J. + Drill in Re-bar + Modify Pilecap											
1021-1520	Pier 23 Reconstruct Column	18	26-Aug-15	15-Sep-15	Pier 23 Reconstruct Column											
1021-1540	Pier 23 Reconstruct Crosshead	24	16-Sep-15	15-Oct-15	Pier 23 Reconstruct Crosshead											
1021-1560	Pier 23 Install Bearing	9	16-Oct-15	27-Oct-15	Pier 23 Install Bearing											
<b>Pier 17 to 19</b>																
1021-1215	Modify Pier 21 Crosshead (south wing) + Bearing	20	05-Sep-15	29-Sep-15	Modify Pier 21 Crosshead (south wing) + Bearing											
1021-1225	Modify Pier 20 Crosshead (south wing) + Bearing	20	11-Sep-15	06-Oct-15	Modify Pier 20 Crosshead (south wing) + Bearing											
1021-1230	Modify Pier 19 Crosshead (south wing) + Bearing	20	19-Sep-15	14-Oct-15	Modify Pier 19 Crosshead (south wing) + Bearing											
1021-1235	Modify Pier 18 Crosshead (south wing) + Bearing	20	22-Sep-15	16-Oct-15	Modify Pier 18 Crosshead (south wing) + Bearing											
<b>10.2.2 - Bridge Construction</b>																
<b>Bridge C1</b>																
1022-1000	Bridge C1 - Precast Beams Pier 17-21 W/B (9 nos)	9	17-Oct-15	28-Oct-15	Bridge C1 - Precast Beams Pier 17-21 W/B (9 nos)											
1022-1001	Construction (Pier 17 - 21) > Erect Scaffoldings + Platform + Pre-cast Planking	7	22-Oct-15	29-Oct-15	Construction (Pier 17 - 21) > Erect Scaffoldings + Platform + Pre-cast Planking											
1022-1002	Construction (Pier 17 - 21) > Rebar Fixing of Deck + Diaphragm + Concreting	20	30-Oct-15	21-Nov-15	Construction (Pier 17 - 21) > Rebar Fixing of Deck + Diaphragm + Concreting											
<b>Bridge C2</b>																
1022-2750	Bridge C2 Erect 6nos Pre-cast Beams by Crane D	5	23-Nov-15	28-Nov-15	Bridge C2 Erect 6nos Pre-cast Beams by Crane D											
<b>Bridge C4</b>																
1022-1067	Bridge C4 - Erect Pier Segment at Pier 28 (2 nos) > By Crane	3	24-Sep-15	26-Sep-15	Bridge C4 - Erect Pier Segment at Pier 28 (2 nos) > By Crane											
1022-1068	Bridge C4 - Erect Pier Segment at Pier 29 (1 no) > By Crane	2	22-Sep-15	23-Sep-15	Bridge C4 - Erect Pier Segment at Pier 29 (1 no) > By Crane											
1022-1069	Bridge C4 - Erect Pier Segment at Pier 30 (1 no) > By Crane	2	19-Sep-15	21-Sep-15	Bridge C4 - Erect Pier Segment at Pier 30 (1 no) > By Crane											
1022-1070	Erect/Assemble LG2 at Piers 29 and 30 + T&C	39	29-Sep-15	14-Nov-15	Erect/Assemble LG2 at Piers 29 and 30 + T&C											
1022-1070.3	Bridge C4 Erect T-Span Segment at Pier 30 by LG2 (10 nos)	8	16-Nov-15	24-Nov-15	Bridge C4 Erect T-Span Segment at Pier 30 by LG2 (10 nos)											

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Aug to 19 Nov 2015 )**



Activity ID	Activity Name	Remaining Duration	Start	Finish	2015																		
					August				September				October										
					09	16	23	30	06	13	20	27											
1022-1070.5	Bridge C4 Stitching between Pier 30 and 31	3	27-Nov-15	30-Nov-15																			
1022-1451	Bridge C4 - Erect Pier Segment at Pier 31 (1 no) > By Crane	2	11-Sep-15	12-Sep-15																			
1022-1452	Bridge C4 - Erect Pier Segment at Pier 32(2 nos) > By Crane	3	14-Sep-15	16-Sep-15																			
1022-1453	Bridge C5 - Erect Pier Segment at Pier 33 (1 no) > By Crane	2	17-Sep-15	18-Sep-15																			
1022-1454	Erect Temp. Lowering Support on Top of Pier Segment P33, 32 & 31 (design TBC)	15	19-Sep-15	08-Oct-15																			
1022-1455	Move LG1 to Temp. Lowering Support at Pier 33-31 from Pier 34-35	4	09-Oct-15	13-Oct-15																			
1022-1456	Modify LG1 at Pier 31,32 and 33 for Segment Erection at Pier 32-44	26	14-Oct-15	13-Nov-15																			
1022-1457	Bridge C4 Erect T-Span Segment at Piers 31 by LG1 (12 nos)	11	14-Nov-15	26-Nov-15																			
<b>10.6 - Tunnel Approach Ramp</b>																							
<b>10.6.1 - Approach Ramp (Excluding Portion IIB)</b>																							
<b>Bored Piles</b>																							
1061-1120	Bored Piles Testing Approach Ramp (112 nos)	80	01-Jun-15 A	24-Nov-15																			
1061-3980	Pre Bored H-Pile > Pile Ramp - BN14 A	10	20-Aug-15*	31-Aug-15																			
1061-4000	Pre Bored H-Pile > Pile Ramp - BN14 B	14	25-Aug-15	09-Sep-15																			
1061-4020	Pre Bored H-Pile > Pile Ramp - BN15 A	14	10-Sep-15*	25-Sep-15																			
1061-4040	Pre Bored H-Pile > Pile Ramp - BN15 B	14	15-Sep-15	02-Oct-15																			
1061-4060	Pre Bored H-Pile > Pile Ramp - BN16 A	14	19-Sep-15	07-Oct-15																			
1061-4080	Pre Bored H-Pile > Pile Ramp - BN16 B	14	24-Sep-15	12-Oct-15																			
1061-4100	Pre Bored H-Pile > Pile Ramp - BM07 A	14	30-Sep-15	16-Oct-15																			
1061-4120	Pre Bored H-Pile > Pile Ramp - BM07 B	14	06-Oct-15	22-Oct-15																			
1061-4140	Pre Bored H-Pile > Pile Ramp - BM08 A	14	10-Oct-15	27-Oct-15																			
1061-4160	Pre Bored H-Pile > Pile Ramp - BM08 B	14	15-Oct-15	31-Oct-15																			
1061-4180	Pre Bored H-Pile > Pile Ramp - BM06 A	14	20-Oct-15	05-Nov-15																			
1061-4200	Pre Bored H-Pile > Pile Ramp - BM06 B	14	26-Oct-15	10-Nov-15																			
1061-4220	Pre Bored H-Pile > Pile Ramp - BM05 A	14	30-Oct-15	14-Nov-15																			
1061-4240	Pre Bored H-Pile > Pile Ramp - BM05 B	14	04-Nov-15	19-Nov-15																			
1061-4260	Pre Bored H-Pile > Pile Ramp - BM04 A	14	09-Nov-15	24-Nov-15																			
1061-4280	Pre Bored H-Pile > Pile Ramp - BM04 B	14	13-Nov-15	28-Nov-15																			
<b>ELS</b>																							
1061-1160	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D12 Northern	14	31-Aug-15*	15-Sep-15																			
1061-1180	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D10 Northern	14	16-Sep-15	03-Oct-15																			
1061-1200	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Northern	14	05-Oct-15	20-Oct-15																			
1061-1220	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D09-D08 Northern	14	22-Oct-15	06-Nov-15																			
1061-1240	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D08-D07 Northern	14	07-Nov-15	23-Nov-15																			
1061-1280	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D12 Southern	14	31-Aug-15	15-Sep-15																			
1061-1300	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D10 Southern	14	16-Sep-15	03-Oct-15																			
1061-1320	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Southern	14	05-Oct-15	20-Oct-15																			
1061-1340	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D09-D08 Southern	14	22-Oct-15	06-Nov-15																			
1061-1360	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D08-D07 Southern	14	07-Nov-15	23-Nov-15																			
1061-1400	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D06-D08	14	19-Oct-15	04-Nov-15																			
1061-1420	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D08-D10	14	05-Nov-15	20-Nov-15																			
<b>Structure</b>																							
1061-1860	Construct Retaining Wall E Pile Cap (7 nos)	28	31-Oct-15	02-Dec-15																			
<b>10.7 - Section X - Miscellaneous Works</b>																							
<b>10.7.1 - TTM Stages</b>																							
1071-1240	TTM Stage 5 - TMLG Consultation and Endorsement	98	29-Jun-15 A	25-Nov-15																			
1071-1260	TTM Stage 5 - TTM Enabling Works	1	26-Nov-15	26-Nov-15																			
1071-1280	TTM Stage 5 - Hing Fat Slip Road Divert 1 Lane through Bridge From Pier E4 to Pier	0		26-Nov-15																			
<b>10.7.2 - Oil Street/Watson Road (Portion III)</b>																							
1072-1220	Drainage works - Manhole 1-49B, DN450 & Associate Gully Pipes > Portion VIIB > Watson Road	0	05-May-15 A	28-Jul-15 A																			
1072-1240	Drainage works - Manhole 1-49, DN300 & Associate Gully Pipes > Portion VIIB > Watson Road	0	15-May-15 A	30-Jul-15 A																			
1072-1260	Drainage works - Manhole 1-48B, DN450 & Associate Gully Pipes > Portion VIIB > Watson Road	0	31-Jul-15 A	03-Aug-15 A																			
1072-1280	Drainage works - Road Reinstatement > Portion VIIB > Watson Road	0	04-Aug-15 A	08-Aug-15 A																			

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Aug to 19 Nov 2015 )**



WP13-0		Layout: CWB - Working Layout for DWP Rev M					Date Printed 26-Sep-14 11						
Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
<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

1 of 18

**China State Construction Engineering (Hong Kong) Ltd**

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

**WORKS PROGRAMME REV. M**

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





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

2 of 18

China State Construction Engineering (Hong Kong) Ltd

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

**WORKS PROGRAMME REV. M**

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



**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													

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

3 of 18

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

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





Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016								
							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													

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

4 of 18

China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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	
S6_9355	Install king posts	7d/wk-1	40d	14-Mar-15 08	26-Apr-15 18	-133d			■	■					
S6_8970	Diaphragm Wall Pile test	7d/wk-1	40d	20-Mar-15 08	03-May-15 18	-129d			■	■					
S6_9375	Carry out contact/fissure grouting	7d/wk-1	29d	21-Mar-15 08	22-Apr-15 18	-141d			■	■					
<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			■	■					
S6_9365	Install inclinometers inside D-wall	7d/wk-1	20d	15-Apr-15 08	05-May-15 18	-141d			■	■					
S6_8975	Carry out pumping tests	7d/wk-1	12d	23-Apr-15 08	05-May-15 18	-141d			■	■					
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			■	■					
S6_9260	Submit pumping test report	7d/wk-1	1d	06-May-15 08	06-May-15 18	-137d			■	■					
S6_8985	1st Layer - install lateral support	7d/wk-1	10d	16-May-15 08	26-May-15 18	-141d			■	■					
S6_8990	Install vibrating wire strain gauge	7d/wk-1	10d	16-May-15 08	26-May-15 18	-141d			■	■					
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			■	■					
S6_9000	2nd Layer - install lateral support	7d/wk-1	10d	29-May-15 08	07-Jun-15 18	-141d			■	■					
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			■	■					
S6_9010	3rd Layer - install lateral support	7d/wk-1	10d	10-Jun-15 08	19-Jun-15 18	-141d			■	■					
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			■	■					
S6_9020	4th Layer - install lateral support	7d/wk-1	10d	23-Jun-15 08	03-Jul-15 18	-141d			■	■					
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			■	■					
S6_9030	5th Layer - install lateral support	7d/wk-1	10d	27-Jun-15 08	07-Jul-15 18	-141d			■	■					
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			■	■					
S6_9040	6th Layer - install lateral support	7d/wk-1	10d	18-Jul-15 08	27-Jul-15 18	-69d			■	■					
<b>TPCWAW - ROCK EXCAVATION</b>															
S6_6180	Rock excavation to formation	7d/wk-1	112d	18-Jul-15 08	09-Nov-15 18	-141d			■	■					
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			■	■					
S6_9415	Install tie back anchor to D- Walls (east area)	7d/wk-1	20d	20-Jul-15 08	08-Aug-15 18	-69d			■	■					
S6_9055	Provide Access to WDII Contractor for demolition of bulkhead at Portion 11	7d/wk-2	0d		10-Nov-15 18	-133d			◆	◆					
<b>TPCWAW- CCT RC Structure</b>															
<b>TPCWAW - CCT / OHVD</b>															

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

5 of 18

China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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

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

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											

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

8 of 18

China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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				

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

9 of 18

China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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		■	■	■	■				

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

10 of 18

**China State Construction Engineering (Hong Kong) Ltd**

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

**WORKS PROGRAMME REV. M**

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

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

11 of 18

China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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



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				

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

12 of 18

**China State Construction Engineering (Hong Kong) Ltd**

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

**WORKS PROGRAMME REV. M**

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





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										

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

13 of 18

**China State Construction Engineering (Hong Kong) Ltd**

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

**WORKS PROGRAMME REV. M**

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





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					

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

14 of 18

China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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

15 of 18

China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Kaluza

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
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

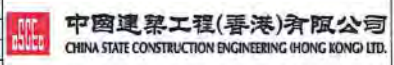
16 of 18

China State Construction Engineering (Hong Kong) Ltd

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

**WORKS PROGRAMME REV. M**

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





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

17 of 18

China State Construction Engineering (Hong Kong) Ltd

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

**WORKS PROGRAMME REV. M**

Prepared by William Caluza

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



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



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

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

18 of 18

China State Construction Engineering (Hong Kong) Ltd

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

**WORKS PROGRAMME REV. M**

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



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



Activity ID	Activity Name	Orig Dur	Scheduled/Actual Start	Scheduled/Actual Finish	Total Float	Calendar	2015					
							Aug	Sep	Oct	Nov	Dec	
<b>Three Months Rolling Programme 2015-08-20 (dd 20-Aug-15)</b>												
<b>Programme Milestones (Revised up to EOTO No.12 Issued on 15-Jun-15)</b>												
<b>Contractual Completion Dates</b>												
KDC0170	Section 9B Works (2105 days) - CWB Structure (CH3400 Eastward) (3-Nov-15)	0		03-Nov-15*	0	Calendar Day						
<b>Soft Landscaping &amp; Establishment Key Dates</b>												
KDC0150	Section 8D Works (1838 days) - Establishment Works in Area 8 (10-Feb-15)	0		20-Aug-15*	-192	Calendar Day						
<b>Possession of Site</b>												
PS0070	Possession of Portion 7 - Eastern Bulkhead	0	16-Sep-15*		-60	Calendar Day						
<b>Preliminaries</b>												
<b>Interface with Others</b>												
PRE0950	Permanent Diversion of Box Culvert M by HK2009/01	0		30-Aug-15*	-469	Calendar Day						
<b>Critical Submission &amp; Approval</b>												
PRE-SUB-1000B	Temp Covered Walkway Capping Beam - Design Approval by AECOM	30	19-Jun-13 A	18-Sep-15	348	Calendar Day						
PRE-SUB-1010B	Temp Covered Walkway Cover System (PS30.5) - Design Approval by AECOM	30	12-Jun-14 A	15-Sep-15	348	Calendar Day						
<b>CSD for CWB Tunnel</b>												
PRE-CSD-2030B	Tunnel Portion 2 - Redesigned CWB Tunnel Structure Design Submission Approval by AECOM & GEO	60	16-Nov-13 A	28-Aug-15	67	Calendar Day						
PRE-CSD-3000B	Tunnel Portion 3&4 - Redesigned Temp D-Wall Submission Approval by AECOM & GEO	30	08-Jun-13 A	11-Sep-15	53	Calendar Day						
PRE-CSD-3010B	Tunnel Portion 3&4 - ELS Submission Approval by AECOM & GEO	60	17-Jan-14 A	18-Sep-15	-316	Calendar Day						
PRE-CSD-5000B	Tunnel Portion 5 - Temp D-Wall Submission Approval by AECOM & GEO	60	15-Aug-13 A	21-Sep-15	-389	Calendar Day						
PRE-CSD-5010B	Tunnel Portion 5 - ELS Submission Approval by AECOM & GEO	60	09-Apr-15 A	17-Oct-15	-363	Calendar Day						
<b>Section 3 of the Works - Re-provisioning of Government Helipad and Public Toilet</b>												
<b>Outstanding Works</b>												
S3-0070-1489	Reinstatement of armour rock, retaining walls & now covered walkway along Expo Drive East	254	11-Aug-12 A	01-May-16*	-287	Calendar Day						
<b>Section 9B of the Works - CWB Tunnel Structure (CH3400 - CH3796)</b>												
<b>Tunnel Portion 1 (CH3500-CH3630)</b>												
<b>CWB Structural Works</b>												
S9B-T1-4600	Remove Inclined Struts and King Posts (Bay 1 to Bay 6)	45	29-Jun-15 A	31-Aug-15	-43	HK Working Day						
S9B-T1-5106	Construct Roadside Barriers (Bay 1 to Bay 6)	30	19-Nov-15	23-Dec-15	-43	HK Working Day						
<b>Tunnel Portion 2 (CH3425-CH3500)</b>												
<b>CWB Structural Works</b>												
S9B-T2-5100	Construct Roadside Barriers (Bay 1 to Bay 6)	65	01-Sep-15	18-Nov-15	-43	HK Working Day						
<b>Bay 1</b>												
S9B-T2-B1-3260	Roof - Waterproofing	4	01-Sep-15*	04-Sep-15	-23	HK Working Day						
S9B-T2-B1-3270	Roof - Scaffolding Dismantling	3	20-Aug-15	22-Aug-15	14	HK Working Day						
<b>Bay 2</b>												
S9B-T2-B2-3210	Roof - Waterproofing	4	05-Sep-15	09-Sep-15	93	HK Working Day						
S9B-T2-B2-3220	Roof - Scaffolding Dismantling	3	20-Aug-15	22-Aug-15	14	HK Working Day						
<b>Bay 3</b>												
S9B-T2-B3-3210	Roof - Waterproofing	4	10-Sep-15	14-Sep-15	93	HK Working Day						
S9B-T2-B3-3220	Roof - Scaffolding Dismantling	3	20-Aug-15	22-Aug-15	14	HK Working Day						
<b>Bay 4</b>												
S9B-T2-B4-3180	Roof - Formwork	9	19-Jul-15 A	26-Aug-15	-14	HK Working Day						
S9B-T2-B4-3190	Roof - Rebar Fixing	10	27-Aug-15	07-Sep-15	-14	HK Working Day						
S9B-T2-B4-3200	Roof - Concrete & Curing	14	08-Sep-15	21-Sep-15	-17	Calendar Day						
S9B-T2-B4-3210	Roof - Waterproofing	4	22-Sep-15	25-Sep-15	83	HK Working Day						
S9B-T2-B4-3220	Roof - Scaffolding Dismantling	3	22-Sep-15	24-Sep-15	-14	HK Working Day						
<b>Bay 5</b>												
S9B-T2-B5-3110	OHVD Base Slab - Scaffolding Erection	4	19-Aug-15 A	21-Aug-15	-46	HK Working Day						
S9B-T2-B5-3120	OHVD Base Slab - Waterproofing to Upper Side Wall	3	20-Aug-15	22-Aug-15	-46	HK Working Day						
S9B-T2-B5-3130	OHVD Base Slab - Formwork	3	24-Aug-15	26-Aug-15	-46	HK Working Day						
S9B-T2-B5-3140	OHVD Base Slab - Rebar Fixing	4	27-Aug-15	31-Aug-15	-46	HK Working Day						
S9B-T2-B5-3150	OHVD Base Slab - Concrete, Curing & Formwork Dismantling	14	01-Sep-15	14-Sep-15	-54	Calendar Day						
S9B-T2-B5-3160	OHVD Hanger Wall - Formwork, Rebar & Concrete	3	04-Sep-15	07-Sep-15	-40	HK Working Day						
S9B-T2-B5-3170	Roof - Scaffolding Erection for Roof	7	15-Sep-15	22-Sep-15	-46	HK Working Day						

- ◆ Milestones
- ◆ Critical Milestones
- █ Current Works
- █ Critical Works

**CHUN WO - CRGL  
JOINT VENTURE**

**CEDD CONTRACT NO. HK/2009/02  
WD II - Central Wanchai Bypass at Wan Chai East (Contract 2)  
3-MONTH ROLLING PROGRAMME (dd 20-Aug-15)**

Date	Revision	Checked	Approved
20-Aug-15	3MRP		







Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Schedule																											
					June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016	July 2016	August 2016	September 2016												
<b>HK/2012/08 Revised Works Programme Rev.4_1(Final)</b>																																
<b>Dredging and Reclamation</b>																																
<b>Marine Work Construction</b>																																
<b>Zone CRIII</b>																																
<b>Dredging - Zone CRIII</b>																																
<b>CRIII - Temporary Pipe Pile Wave Wall (1st Stage)</b>																																
MAR12360	CRIII - temp pipe pile wall (34-197) - install 610 dia. pipe pile [Remaining 28 nos. @750c/c]	42	18-Oct-14 A	18-Aug-15	[Gantt bar: 18-Oct-14 to 18-Aug-15]																											
<b>CRIII - Temporary Pipe Pile Wave Wall (2nd Stage)</b>																																
MAR10035	CRIII - temp pipe pile wall (1-33) - relocate interim landing steps	0		06-Jul-15*	[Milestone: 06-Jul-15]																											
MAR10040	CRIII - temp pipe pile wall (1-33) - install 610 dia. pipe pile [33nos. @750c/c]	40	07-Jul-15	21-Aug-15	[Gantt bar: 07-Jul-15 to 21-Aug-15]																											
<b>Dredging at Zone CRIII</b>																																
<b>2nd Stage of Work (Types 1B(4) &amp; 2D)</b>																																
MAR16095	Zone CRIII - 2nd stage - Remove existing rock armour [B5-E5] after relocating interim landing steps	10	30-Aug-15	08-Sep-15	[Gantt bar: 30-Aug-15 to 08-Sep-15]																											
<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)	18	30-Jun-15	17-Jul-15	[Gantt bar: 30-Jun-15 to 17-Jul-15]																											
MAR10780	Zone A2 - seawall - install block seawall Type 4 to -1.5mPD	14	18-Jul-15	31-Jul-15	[Gantt bar: 18-Jul-15 to 31-Jul-15]																											
MAR10800	Zone A2 - seawall - install block seawall Type 13 to -1.5mPD	14	18-Jul-15	31-Jul-15	[Gantt bar: 18-Jul-15 to 31-Jul-15]																											
MAR10805	Zone A2 - seawall - install block seawall Type 4 from -1.5 to +4.0mPD	10	01-Aug-15	12-Aug-15	[Gantt bar: 01-Aug-15 to 12-Aug-15]																											
MAR10807	Zone A2 - seawall - install block seawall Type 13 from -1.5 to +4.0mPD	10	01-Aug-15	12-Aug-15	[Gantt bar: 01-Aug-15 to 12-Aug-15]																											
MAR10815	Zone A2 - seawall - place type A behind seawall Type 4 and Type 13 up to -1.5 mPD	7	13-Aug-15	20-Aug-15	[Gantt bar: 13-Aug-15 to 20-Aug-15]																											
MAR10817	Zone A2 - seawall - lay geotextile and filter behind seawall Type 4 and Type 13 up to -1.5 mPD	7	21-Aug-15	28-Aug-15	[Gantt bar: 21-Aug-15 to 28-Aug-15]																											
<b>Filling - Zone A2</b>																																
MAR20365	Zone A2(2) - Public Fill -4.0 to +4.0mPD (behind Type 4 & 13 for temp channel outlet)	28	01-Aug-15	28-Aug-15	[Gantt bar: 01-Aug-15 to 28-Aug-15]																											
<b>Zone C</b>																																
<b>Dredging - Zone C</b>																																
MAR11520	Zone C - Cut existing pipe pile (2 nos.)	30	28-Jul-15	31-Aug-15	[Gantt bar: 28-Jul-15 to 31-Aug-15]																											
<b>Zone D</b>																																
<b>Seawall Construction - Zone D</b>																																
<b>Seawall 2C-L</b>																																
MAR12264	Zone D - Pipe Pile & demolish existing seawall	35	01-Feb-15 A	10-Aug-15	[Gantt bar: 01-Feb-15 to 10-Aug-15]																											
MAR12265	Zone D - complete fabrication of Caisson Seawall 2C-L and ready for delivery	0		30-Jul-15*	[Milestone: 30-Jul-15]																											
MAR12270	Zone D - fill rock mound for Seawall 2C-L	6	11-Aug-15	16-Aug-15	[Gantt bar: 11-Aug-15 to 16-Aug-15]																											
MAR12275	Zone D - lay toe block and level stone for Seawall 2C-L	8	17-Aug-15	25-Aug-15	[Gantt bar: 17-Aug-15 to 25-Aug-15]																											
MAR12280	Zone D - Install Caisson Seawall 2C-L	3	26-Aug-15	28-Aug-15	[Gantt bar: 26-Aug-15 to 28-Aug-15]																											

Data Date: 30-Jun-15

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

**Works Programme for Non-CRIII Zones (June to August 2015)**

Date	Revision	Checked	Approved
03-Jul-15			













Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	June 2015		July 2015			August 2015			September 2015			October 2015			November 2015			December 2015			January 2016			February 2016			March 2016			April 2016			May 2016			June 2016			July 2016			August 2016			September 2016																			
					01	08	15	22	29	06	13	20	27	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15
<b>CWB D - Slip Road 1 - Dwall Construction &amp; Piling</b>																																																																				
SIIA12260	Sec II A - CWB SR1: ground pre-treatment	27	17-Jan-15 A	31-Jul-15																																																																
SIIA12280	Sec II A - CWB SR1: Guide Wall	30	10-Feb-15 A	08-Aug-15																																																																
SIIA12305	Sec II A - CWB SR1: construct Permanent DWall (1.2m thk)	58	07-Apr-15 A	05-Sep-15																																																																
SIIA12310	Sec II A - CWB SR1: construct pre-bored H-pile	42	19-Aug-15	08-Oct-15																																																																
SIIA12320	Sec II A - CWB SR1: Temp. Cut-off Wall at Both Ends	45	15-Aug-15	08-Oct-15																																																																
SIIA12340	Sec II A - CWB SR1: Ground treatment to Stop End (MTR CWL)	32	29-Aug-15	07-Oct-15																																																																
<b>CWB D - Slip Road 1 - Pumping Test Preparation/ Pumping Test</b>																																																																				
SIIA12360	Sec II A - CWB SR1: Grout curtain / contact grout for Dwall	38	17-Aug-15	30-Sep-15																																																																
SIIA12380	Sec II A - CWB SR1: Dwall sonic test / interface core	38	17-Aug-15	30-Sep-15																																																																
SIIA12400	Sec II A - CWB SR1: Install dewatering/ recharging/ observation wells	38	24-Aug-15	08-Oct-15																																																																
<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	121	01-May-15 A	21-Nov-15																																																																
SIII10060	Sec III - roadwork & utilities - Watermain & Irrigation Mains	100	07-Jul-15*	03-Nov-15																																																																
SIII10080	Sec III - roadwork & utilities - gas main and valve chamber	100	17-Jul-15	13-Nov-15																																																																
SIII10100	Sec III - roadwork & utilities - HEC cable duct and catchpit	100	27-Jul-15	23-Nov-15																																																																
SIII10120	Sec III - roadwork & utilities - sub-base	100	06-Aug-15	03-Dec-15																																																																
SIII10140	Sec III - roadwork & utilities - Road kerb	100	15-Aug-15	12-Dec-15																																																																
SIII10160	Sec III - roadwork & utilities - flexible pavement	100	26-Aug-15	23-Dec-15																																																																
SIII10180	Sec III - roadwork & utilities - Road Lighting, TCSS Ducts & Traffic Signs	100	26-Aug-15	23-Dec-15																																																																
<b>Section VI A - Box Culvert La, L1 &amp; FRP-L Construction</b>																																																																				
<b>Sec VI C - Box Culvert La bay 4 (North)</b>																																																																				
CUL11652	Sec VI C - Culvert L - bay 4 (north half) - excavate to formation level	18	25-Jul-15	14-Aug-15																																																																
CUL11655	Sec VI C - Culvert L - bay 4 (north half) - place granular fill and lay geotextile filter	10	15-Aug-15	26-Aug-15																																																																
<b>Box Culvert L1 &amp; FRP-L Construction (Bay 5 - Bay 7)</b>																																																																				
<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 PC6 Construct precast Pile Cap	13	02-Jun-15 A	15-Jul-15																																																																
<b>Box Culvert L1 &amp; FRP-L - Precast Unit Fabrication (Box Structure)</b>																																																																				
CUL10870	Sec VI C - Culvert L - bay 5, 6 & 7 - Construct precast culvert units with Bulkhead	17	18-Apr-15 A	20-Jul-15																																																																
CUL10872	Sec VI C - Culvert L - bay 4b - Construct precast culvert units with Bulkhead	16	16-Jul-15	03-Aug-15																																																																
CUL10873	Sec VI C - Culvert L - bay 4b, 5-7 - dismantle formwork and curing for precast culvert units	8	04-Aug-15	12-Aug-15																																																																
<b>Box Culvert L1 &amp; FRP-L - Precast Unit Installation</b>																																																																				
CUL10864	Sec VI C - Culvert L - bay 5-7 - Demolition of Piling Platform	9	30-May-15 A	10-Jul-15																																																																
CUL10865	Sec VI C - Culvert L - bay 5-7 - Install precast pile caps PC1 to PC6	12	11-Jul-15	24-Jul-15																																																																
CUL10874	Sec VI C - Culvert L - bay 5-7 - Demolition of Temp Platform & Cofferdam ready for towing precast culvert	16	25-Jul-15	12-Aug-15																																																																
CUL10875	Sec VI C - Culvert L - bay 5-7 (& Bay 4b) - install precast culvert units & Touch Up	16	13-Aug-15	31-Aug-15																																																																
<b>Box Culvert L1 &amp; FRP-L - Bay 8</b>																																																																				









Activity ID	Activity Name	Original Duration	Start	Finish	2015											
					May			Jun			Jul			Aug		
<b>DWP-06 (A) - Update Progress As of 20 May 15</b>																
<b>Works in TS3</b>																
<b>Works in TS3-East</b>																
<b>Diaphragm Wall</b>																
<b>TS3-East Post D/wall Works</b>																
TS3E_4100	D/wall Interface coring + grouting	60	20-Feb-15 A	29-May-15	D/wall Interface coring + grouting											
TS3E_4110	D/wall coring + fissure grouting	60	30-Mar-15 A	24-May-15	D/wall coring + fissure grouting											
TS3E_4120	D/wall integrity test	60	30-Mar-15 A	20-May-15 A	D/wall integrity test											
TS3E_4130	Dewatering & observation well installation	36	07-Apr-15 A	20-May-15 A	Dewatering & observation well installation											
TS3E_4140	Pumping test	7	07-May-15 A	20-May-15 A	Pumping test											
<b>ELS</b>																
<b>ELS Fabrication Works</b>																
TS3E_5510	ELS struts & waling fabrication	72	12-Mar-15 A	23-May-15	ELS struts & waling fabrication											
<b>TS3-East ELS Works</b>																
TS3E_5520	ELS Layer 1 - Soft Excav + Strut installation	12	02-May-15 A	29-May-15	ELS Layer 1 - Soft Excav + Strut installation											
TS3E_5540	ELS Layer 2 - Soft Excav + Strut installation	12	30-May-15	10-Jun-15	ELS Layer 2 - Soft Excav + Strut installation											
TS3E_5560	ELS Layer 3 - Soft Excav + Strut installation	12	11-Jun-15	22-Jun-15	ELS Layer 3 - Soft Excav + Strut installation											
TS3E_5580	ELS Layer 4 - Soft Excav + Strut installation	12	23-Jun-15	04-Jul-15	ELS Layer 4 - Soft Excav + Strut installation											
TS3E_5600	ELS Layer 5 - Soft Excav + Strut installation	12	05-Jul-15	16-Jul-15	ELS Layer 5 - Soft Excav + Strut installation											
TS3E_5620	ELS Layer 6 - Soft Excav + Strut installation	12	17-Jul-15	28-Jul-15	ELS Layer 6 - Soft Excav + Strut installation											
TS3E_5660	ELS Layer 7 - Soft Excav + Strut installation	10	29-Jul-15	07-Aug-15	ELS Layer 7 - Soft Excav + Strut installation											
TS3E_5670	Excavation up to Formation Level (No Rock as Rock Head Level is far below F.L.)	6	08-Aug-15	13-Aug-15	Excavation up to Form											
<b>Cut &amp; Cover Tunnel Structure</b>																
<b>Temporary Works Design</b>																
TS3E_2080	(01) RC Temp Work Design - submission	24	20-May-15 A	01-Jun-15	(01) RC Temp Work Design - submission											
TS3E_2085	(01) RC Temp Work Design - review and approval by AECOM	24	02-Jun-15	30-Jun-15	(01) RC Temp Work Design - review and approval by AECOM											
<b>Method Statement</b>																
TS3E_2090	(01)RC works method statement - submission	24	02-Jul-15	29-Jul-15	(01)RC works method statement - submission											
TS3E_2095	(01)RC works method statement - review and approval by AECOM	24	30-Jul-15	26-Aug-15	(01)RC works method statement - submission											
<b>TS3-East CCT - Ch.4500.000 to Ch.4582.140</b>																
<b>TS3 East CCT - Blinding + Waterproofing</b>																
TS3E_6505	Commence CCT Works	0	14-Aug-15		◆ Commence CCT W											
<b>Removal of Reclamation</b>																
<b>Method Statement</b>																
TS3E_2100	(01) Removal of reclamation method statement - submission	24	14-Aug-15	10-Sep-15												
<b>Works in TS3-West</b>																
<b>Diaphragm Wall</b>																
<b>TS3-West Pre-D/wall Works</b>																
TS3W_2540	Guidewall construction	106	11-Feb-15 A	15-Jun-15	Guidewall construction											
TS3W_2530	Curtain grout/soil pre-treatment/slurry wall	137	12-Feb-15 A	16-Jun-15	Curtain grout/soil pre-treatment/slurry wall											
TS3W_2520A	Pre-drilling / Ground Investigation (SI) - Phase 2	107	09-Apr-15 A	10-Jun-15	Pre-drilling / Ground Investigation (SI) - Phase 2											
<b>TS3-West Diaphragm Construction</b>																

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

Page 1 of 5

Contract No. HY/2010/08: Central - Wanchai Bypass Tunnel +(Slip Road 8 Section) - 3 Months Rolling Programme

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

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					May	Jun	Jul	Aug
TS3W_3110	Diaphragm wall construction Phase 1 (53/137 panels-Include SR8)	145	25-Mar-15 A	20-Sep-15	[Red bar]			
TS3W_3120	Diaphragm wall construction Phase 2 (84/137 panels)	152	03-Jun-15	01-Nov-15	[Red bar]			
<b>ELS &amp; Rock Excavation</b>								
<b>ELS Fabrication Works</b>								
TS3W_2110	Review and approval by AECOM	24	20-May-15	17-Jun-15	[Red bar]			
TS3W_4510	ELS struts & waling fabrication	75	04-Jul-15	30-Sep-15	[Red bar]			
<b>Method Statement</b>								
TS3W_2115	(01) ELS works method statement - submission	24	06-Feb-15 A	03-Jul-15	[Green bar]			
TS3W_2120	(01) ELS works method statement - review and approval by AECOM	24	04-Jul-15	31-Jul-15	[Green bar]			
<b>TS3-West ELS Works</b>								
TS3W_4515	King Post installation	45	18-Mar-15 A	17-Oct-15	[Blue bar]			
<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]			
SR8_2270	ELS Method statement - review and approval by AECOM	24	27-Jun-15	25-Jul-15	[Green bar]			
<b>CCT Structure</b>								
SR8_2280	CCT Structure Method statement - submission	24	27-Jul-15	22-Aug-15	[Green bar]			
<b>TTA Stage 2 - East Bound</b>								
<b>Stage 3 - East Bound (Ref. DRG. No.CDD/SR8/084)</b>								
SR8.EB.1440	Carry out Stage 3 - Sheet Pile Work	21	25-Apr-15 A	06-Jun-15	[Blue bar]			
SR8.EB.1420	Demolish Part of EB Existing Abutment M and Part of the Central Divider	12	19-May-15 A	22-May-15 A	[Blue bar]			
SR8.EB.1450	Carry out Stage 3 - Pipe Piling Work	60	05-Jun-15	15-Aug-15	[Red bar]			
SR8.EB.1460	Carry out Stage 3 - TAM Grout	12	17-Aug-15	29-Aug-15	[Red bar]			
<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		[Milestone]			
SR8.EB.1480	Carry out Stage 4 Sheet Piling Works	24	08-Jun-15	07-Jul-15	[Red bar]			
SR8.EB.1490	Carry out Stage 4 Pipe Piling Works	36	08-Jul-15	18-Aug-15	[Red bar]			
SR8.EB.1500	Carry out Stage 4 Tam Grout	14	19-Aug-15	03-Sep-15	[Red bar]			
<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.3040	Carry out Stage 3 Pipe Piling Works	45	20-Mar-15 A	20-Jun-15 A	[Blue bar]			
SR8.WB.3050	Carry out Stage 3 TAM Grout	26	20-May-15	19-Jun-15	[Green bar]			
SR8.WB.3060	Install Dewatering Wells & Carry out Pump Test	20	22-Jun-15	15-Jul-15	[Green bar]			
<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	29-May-15	[Green bar]			
SR8.VP.5080	Soft Excavation down to Formation Level	16	30-May-15	17-Jun-15	[Green bar]			
<b>Portal Structure</b>								

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

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



Activity ID	Activity Name	Original Duration	Start	Finish	2015				
					May	Jun	Jul	Aug	
<b>Blinding + Waterproofing</b>									
SR8.VP.5030	Blinding for Bay 1 to Bay 7	7	17-Jun-15	26-Jun-15					
SR8.VP.5090	Waterproofing for Bay 1 to Bay 7	7	27-Jun-15	06-Jul-15					
<b>Base Slab + Drainage</b>									
SR8.VP.5100	Base Slab - Bay 1	8	07-Jul-15	15-Jul-15					
SR8.VP.5110	Base Slab - Bay 2	8	16-Jul-15	24-Jul-15					
SR8.VP.5120	Base Slab - Bay 3	8	25-Jul-15	03-Aug-15					
SR8.VP.5130	Base Slab - Bay 4	8	04-Aug-15	12-Aug-15					
SR8.VP.5140	Base Slab - Bay 5	8	13-Aug-15	21-Aug-15					
<b>Pump Sump E</b>									
SR8.VP.5360	Base Slab	8	07-Jul-15	15-Jul-15					
SR8.VP.5370	Wall Up to Portal Base Slab Bottom	10	16-Jul-15	27-Jul-15					
SR8.VP.5380	Fill Up Void Up to Portal Base Slab Bottom	7	28-Jul-15	04-Aug-15					
<b>SR8 Ch 317.500 to Ch 210.000 - U-Structure &amp; Slab (Victoria Park)</b>									
<b>Excavation and Lateral Support</b>									
SR8_2310	ELS - Excavation to Formation Level + Lateral Support for UBA2 to UBA5	21	12-May-15 A	01-Jun-15					
<b>RC CCT &amp; Backfill Ch317.5000 to Ch240.000</b>									
<b>Structure</b>									
<b>Blinding + Waterproofing</b>									
SR8_1830	Blinding & Waterproofing Bay UBA2 to UBA5	4	02-Jun-15	05-Jun-15					
SR8_1840	Remove Bulk Head at CH317.5	7	18-Jun-15	26-Jun-15					
SR8_1860	Blinding & Waterproofing Bay UBA8	4	27-Jun-15	02-Jul-15					
<b>Base Slab</b>									
SR8_1810	SR8 U-structure Base slab (UBA2 - UBA5)	48	06-Jun-15	03-Aug-15					
SR8_1812	SR8 U-structure Base slab (UBA8)	24	03-Jul-15	30-Jul-15					
SR8_1813	Remove SL3 - (UBA8)	14	31-Jul-15	15-Aug-15					
SR8_1811	Remove SL2 - (UBA2 - UBA5)	28	04-Aug-15	04-Sep-15					
<b>Wall</b>									
SR8_1850B	SR8 U-structure Wall (UBA6-UBA7) - Stage 2	14	23-Feb-15 A	23-Jun-15					
SR8_1850A	Remove SL2, 1 (UBA6-UBA7)	14	20-May-15	05-Jun-15					
SR8_2060	SR8 U-structure Wall (UBA8) - Stage 1	7	17-Aug-15	24-Aug-15					
<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_1770	Install Steel Railing on Top of RW8C	14	20-May-15	05-Jun-15					
VP_1390	Demolish Top Portion of Existing Wall Head and Kerb	18	05-Jun-15	27-Jun-15					
VP_1400	Road Formation - Subbase + Kerb + U-shape Channel	48	27-Jun-15	24-Aug-15					
<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_1365	Excavation and Demolition (West Part) of Subway	14	09-Apr-15 A	23-May-15					
VP_1375.10	TFS Subway extension - Blinding and Waterproofing	8	26-May-15	03-Jun-15					
VP_1375.20	TFS Subway extension - Base slab + Drainage	21	04-Jun-15	29-Jun-15					

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

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

Activity ID	Activity Name	Original Duration	Start	Finish	2015				
					May	Jun	Jul	Aug	
VP_1375.30	TFS Subway extension - Walls	18	30-Jun-15	21-Jul-15					TFS Subway extension - Walls
VP_1375.40	TFS Subway extension - Roof Slab	14	22-Jul-15	06-Aug-15					TFS Subway extension - Roof Slab
VP_1375.70	Remove Soffit formwork for Roof Slab	32	07-Aug-15	12-Sep-15					
<b>RC Works - Toe Wall (RW8E)</b>									
VP_6152	Construct and divert Temporary Footpath	36	20-May-15	03-Jul-15					Construct and divert Temporary Footpath
VP_6160	Sheet Piling and Excavation to Formation level	45	04-Jul-15	25-Aug-15					
<b>Protection Works for IEC Abutment M</b>									
<b>TTA (Submissions, Approvals and Implementation)</b>									
ABUTM_0910	Preparation and submission	36	06-Jul-15	15-Aug-15					Preparation and s
ABUTM_0915	TMLG - review and approval	24	17-Aug-15	12-Sep-15					
<b>Design Submissions</b>									
ABUTM_0945	Prepare Shop Drawings for Temporary Works	24	06-Jul-15	01-Aug-15					Prepare Shop Drawings for Temporary Wo
ABUTM_0955	Engineer's Review and Approval - Temp Works	24	03-Aug-15	29-Aug-15					
ABUTM_0965	Prepare Shop Drawings for Permanent Works	24	03-Aug-15	29-Aug-15					
<b>Method Statement</b>									
ABUTM_0900	(01)Protection works method statement - submission	24	03-Aug-15	29-Aug-15					
<b>Works in Victoria Park</b>									
<b>Re-Provisioning Works</b>									
<b>Pavilion</b>									
<b>Materials Submission</b>									
VP_6660	Issue P.O. / Manufacturing / Fabrication	48	29-Apr-15 A	06-Jun-15					Issue P.O. / Manufacturing / Fabrication
<b>Shop Drawings</b>									
VP_0215	Shopdrawing - ER review and approval	24	13-Apr-15 A	23-May-15					Shopdrawing - ER review and approval
<b>Method Statement</b>									
VP_6690	(01)Method statement - review and approval by AECOM	24	20-Apr-15 A	27-May-15					(01)Method statement - review and approval by AECOM
<b>Construction Works - BG Pavillion</b>									
VP_1300	PV - Initial works (Site Clearance, underground utilities etc.)	24	09-Apr-15 A	12-Jun-15					PV - Initial works (Site Clearance, underground utilities etc.)
VP_1340	Demolish existing BGO	24	20-May-15 A	10-Jun-15					Demolish existing BGO
VP_1360	PV - foundation works	21	30-May-15	24-Jun-15					PV - foundation works
VP_1380	PV- structural works, G/F to Roof	24	22-Jun-15	20-Jul-15					PV- structural works, G/F to Roof
VP_1420	PV - ABWF	36	21-Jul-15	31-Aug-15					
VP_1430	PV - E&M Works	36	28-Jul-15	07-Sep-15					
<b>Bowling Green</b>									
<b>Design Submissions for Bowling Green Lighting</b>									
VP_0330	Engineer's Review and Approval	24	23-Sep-14 A	21-May-15					Engineer's Review and Approval
<b>Procurement</b>									
VP_1010.184	Issue PO / Manufacturing	10	22-May-15	03-Jun-15					Issue PO / Manufacturing
VP_1010.194	Delivery	11	04-Jun-15	16-Jun-15					Delivery
VP_6670	Materials Delivery - Green Turf	24	08-Jun-15	07-Jul-15					Materials Delivery - Green Turf
<b>Construction Works</b>									
VP_1170	Demolish existing CP / BGO / Site Clearance	24	09-Apr-15 A	20-May-15					Demolish existing CP / BGO / Site Clearance
VP_1710	BG - Install U/G Sewerage System	24	29-Apr-15 A	02-Jun-15					BG - Install U/G Sewerage System
VP_1720	BG - Install Drainage System	24	20-May-15	17-Jun-15					BG - Install Drainage System

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

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



