

Activity ID	Activity Name	OD	RD	Start	Finish	% Comp	Total Float	2014		2015			
								Dec	Jan	Feb	Mar		
HK/2009/01 - Works Programme Rev.6E (Data Date: 20-Dec-14)													
Key Dates (Contractual)													
Major Works													
KD-0300	Completion of Section 3 of Works - CWB, Slip Roads 2 & 3 & Works in Area 8	0	0		11-Mar-15*	0%	0					◆ Compl	
KD-0400B	Completion of Outstanding Works for Section 4 - Salt Watermains	0	0		30-Jan-15	0%	562					◆ Completion of Outstanding Works for Section 4	
KD-0610	Completion of Section 6A of Works - Gov't Offices cooling water discharge	0	0		20-Dec-14*	0%	-62					◆ Completion of Section 6A of Works - Gov't Offices cooling water discharge	
KD-0620	Completion of Section 6B of Works - Great Eagle Centre cooling water discharge	0	0		20-Dec-14*	0%	-62					◆ Completion of Section 6B of Works - Great Eagle Centre cooling water discharge	
KD-0630	Completion of Section 6C of Works - China Resources Bldg cooling water discharge	0	0		20-Dec-14*	0%	-62					◆ Completion of Section 6C of Works - China Resources Bldg cooling water discharge	
KD-0800	Completion of Section 8 of Works - Works in Area 6	0	0		20-Dec-14*	0%	-44					◆ Completion of Section 8 of Works - Works in Area 6	
KD-1200	Completion of Section 12 of Works - Works in Area 10	0	0		20-Dec-14*	0%	-255					◆ Completion of Section 12 of Works - Works in Area 10	
KD-1300	Completion of Section 13 of Works - Works in Area 11	0	0		21-Jan-15*	0%	0					◆ Completion of Section 13 of Works - Works in Area 11	
Key Dates (Forecast Completion)													
Major Works													
KD-0405B	Completion of Outstanding Works for Section 4 - Salt Watermains & Works in Area 3	0	0		16-Jan-15	0%	576					◆ Completion of Outstanding Works for Section 4 - Salt Waterm	
KD-0805	Completion of Section 8 of Works - Works in Area 6	0	0		09-Apr-15	0%	-155					◆ Completion of Sec	
KD-1205	Completion of Section 12 of Works - Works in Area 10	0	0		28-Feb-15*	0%	0					◆ Completion of Sec	
KD-1305	Completion of Section 13 of Works - Works in Area 11	0	0		28-Feb-15*	0%	0					◆ Completion of Sec	
Preliminaries													
Method Statement & Design (Major) Approval by AECOM													
PRE-2000G	D-Wall Construction for CWB Tunnel (Stage 3)	60	1	05-Nov-13 A	20-Dec-14*	0%	-364					D-Wall Construction for CWB Tunnel (Stage 3)	
PRE-2030B	ELS for CWB Stage 2	30	1	20-Mar-14 A	17-Jan-15	0%	575					ELS for CWB Stage 2	
PRE-2030C	ELS for CWB Stage 3	30	30	19-Apr-14 A	16-Feb-15	0%	545					ELS for CWB Stage 3	
Statutory / Authority Approval													
PRE-3050B	ELS for CWB Tunneling Works Stage 2 (GEO)	28	28	21-Dec-14*	17-Jan-15	0%	-539					ELS for CWB Tunneling Works Stage 2 (GEO)	
PRE-3050C	ELS for CWB Tunneling Works Stage 3 (GEO)	28	28	20-Jan-15	16-Feb-15	0%	545					ELS for CWB Tunneling Work	
PRE-3050D	ELS for CWB Tunneling Works Stage 1b (GEO) for Bottom Up	28	1	20-Apr-11 A	20-Dec-14	0%	-539					ELS for CWB Tunneling Works Stage 1b (GEO) for Bottom Up	
PRE-3310	Stage 2 Tunnel Structure Design	60	60	20-Dec-14	17-Feb-15	0%	544					Stage 2 Tunnel Structure De	
PRE-3320	Stage 3 Tunnel Structure Design	60	60	20-Dec-14	17-Feb-15	0%	544					Stage 3 Tunnel Structure De	
Watermains Connection Submission Approval by WSD/Stakeholders													
PRE-3200C	Salt Water Mains (S3)	28	28	20-Dec-14*	16-Jan-15	0%	15					Salt Water Mains (S3)	
PRE-3200D	Salt Water Mains (S8)	28	28	20-Dec-14*	16-Jan-15	0%	-147					Salt Water Mains (S8)	
PRE-3200E	Salt Water Mains (S9)	28	28	20-Dec-14*	16-Jan-15	0%	-567					Salt Water Mains (S9)	
PRE-3200O	Cooling Watermains (BF)	28	28	20-Dec-14*	16-Jan-15	0%	-91					Cooling Watermains (BF)	
PRE-3200P	Cooling Watermains (BG)	28	28	20-Dec-14*	16-Jan-15	0%	-91					Cooling Watermains (BG)	
PRE-3200Q	Cooling Watermains (BI)	28	28	20-Dec-14*	16-Jan-15	0%	-91					Cooling Watermains (BI)	
Contractor's Design (CWB Diaphragm Wall)													
PRE-4020	Contractor's Detailed Design	30	1	09-Jul-11 A	20-Dec-14	40%	543					Contractor's Detailed Design	
PRE-4030	AECOM's and GEO's approval on Detailed Design	60	60	21-Dec-14	18-Feb-15	0%	543					AECOM's and GEO's appro	
Contractor's Design (PS1.94)													
PRE-5100C	Approval of ICCP of Cross-Harbour Mains - by AECOM & Relevant Authorities	9	0	04-Mar-11 A	20-Dec-14	100%	604					Approval of ICCP of Cross-Harbour Mains - by AECOM & Relevant Authorities	
TTA Implementation and Completion Summary Milestone													
Zone A2 (At Convention Avenue)													
TTAM-A2-1040D	TTA Completion - Zone A2-4B	0	0		12-Jan-15	0%	580					TTA Completion - Zone A2-4B	
Zone A3 (At Fenwick Pier Street)													
TTAM-A3-1030	TTA Completion - Combination of Zone A3-5D & A3-4D (Sewer)	0	0		24-Jan-15	0%	-146					TTA Completion - Combination of Zone A3-5D & A3-	
TTAM-A3-1040	TTA Implementation - Zone A3-2C (Sewer)	0	0	25-Jan-15		0%	-146					TTA Implementation - Zone A3-2C (Sewer)	
TTAM-A3-1050	TTA Completion - Zone A3-2C (Sewer)	0	0		27-Feb-15	0%	-152					TTA Completion -	
TTAM-A3-1060	TTA Implementation - Zone A3-2D (Sewer)	0	0	28-Feb-15		0%	-152					TTA Implementati	
TTAM-A3-1070	TTA Completion - Zone A3-2D (Sewer)	0	0		26-Mar-15	0%	507					TTA Completion -	
TTAM-A3-1090B	TTA Completion - Zone A3-5C - Salt Water	0	0		23-Jan-15	0%	569					TTA Completion - Zone A3-5C - Salt Water	
Zone A4 (At Convention Avenue)													
TTAM-A4-1120B	TTA Completion - Zone A4-2C	0	0		30-Jan-15	0%	-147					TTA Completion - Zone A4-2C	
Zone A5 (At Harbour Road)													
TTAM-A5-1050B	TTA Completion - Zone A5-6	0	0		30-Jan-15	0%	562					TTA Completion - Zone A5-6	

■ Remaining Work ■ Summary Bar
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■ Critical Remaining Work
◆ Milestone

CEDD CONTRACT NO. HK/2009/01
 Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)
WORKS PROGRAMME Rev.6E - 3 Month Programme starting from 20-Dec-14

Activity ID	Activity Name	OD	RD	Start	Finish	% Comp	Total Float	2014		2015		
								Dec	Jan	Feb	Mar	
Area X3 (Fleming Road b/w Harbour Road & Convention Avenue)												
TTAM-X3-1000B	TTA Completion - Zone X1-1	0	0		16-Jan-15	0%	-90					
Zone C (Expo Drive East)												
TTAM-C1-1000B	TTA Completion - Zone C1-1	0	0		20-Dec-14	0%	604					
TTAM-C1-1010D	TTA Completion - Zone C1-2A	0	0		20-Dec-14	0%	604					
TTAM-C3-1000B	TTA Completion - Zone C3-1	0	0		31-Jan-15	0%	561					
Section 3 of the Works - CWB Tunnel, Slip Roads 2 & 3, Works in Area 8												
CWB Tunnelling Works (Stage 1 : CH2947 - CH3045)												
Stage 1 - Tunnel Structure Works (Bay 1 to Bay 7 : Ch2947 - Ch 3045)												
Tunnel Structure at Stage 1A & 1B (CH2947 - CH3045)												
S3A-TS-2000	Tunnel Structures Works including Waterproofing and OHVD	300	11	28-Feb-14 A	30-Dec-14	0%	178					
S3A-TS-2080	Backfilling to formation level for Stage 1B (CH 80 to CH 120)	30	30	31-Dec-14	29-Jan-15	0%	178					
CWB Tunnelling Works (Stage 2 : Ch3045 - Ch3129)												
Stage 2 - Foundation Works (Bottom Up Method : CH3045 - CH3129 / CH120 - CH225)												
S3B-FW-1040C	ELS for Exhaust Duct (~-5.0mPD)	170	71	27-Jun-14 A	28-Feb-15	0%	455					
Stage 2 - Excavation Works (For Bottom Slab Construction : CH3045 - CH3129)												
S3B-EW-1000A	Stage 2 ELS - excavate to approx. +0.5mPD and installation of 1st layer strut/waling	84	1	19-May-14 A	20-Dec-14	0%	603					
S3B-EW-1000B	Stage 2 ELS - excavate to approx. -3.0mPD and installation of 2nd layer strut/waling (15,000m3)	46	1	19-Sep-14 A	20-Dec-14	0%	603					
S3B-EW-1000C	Stage 2 ELS - excavate to approx. -6.4mPD and installation of 3rd layer strut/waling (16,500m3)	70	1	19-Sep-14 A	20-Dec-14	0%	603					
S3B-EW-1000D	Stage 2 ELS - excavate to approx. -10.0mPD (17,500m3)	50	1	19-Sep-14 A	20-Dec-14	0%	-73					
Stage 2 - Tunnel Structure Works (Bay 8 to Bay 10 : CH3045 - CH3129)												
S3B-TS-1010	Bay 7 Base Slab	14	14	21-Dec-14	03-Jan-15	0%	-73					
S3B-TS-1020	Bay 8 Base Slab	14	14	05-Jan-15	18-Jan-15	0%	-73					
S3B-TS-1030	Bay 9 Base Slab	14	14	22-Dec-14	04-Jan-15	0%	-73					
S3B-TS-1040	Bay 10 Base Slab	14	14	06-Jan-15	19-Jan-15	0%	-73					
S3B-TS-1050	Removal of 2nd and 3rd layer of Strut/Waling	15	15	25-Jan-15	08-Feb-15	0%	-73					
S3B-TS-1060	Bay 7 & 8 Wall	14	14	09-Feb-15	22-Feb-15	0%	-73					
S3B-TS-1070	Bay 9 & 10 Wall	14	14	14-Feb-15	27-Feb-15	0%	-73					
S3B-TS-1080	Construction of Exhaust Duct (CH3045 - CH3129)	45	45	21-Dec-14	03-Feb-15	0%	-35					
S3B-TS-1090	Backfilling at Northern Side from -10mPD to -2mPD (Slip Road 2 - 4700cu.m)	21	21	14-Mar-15	03-Apr-15	0%	-73					
S3B-TS-1100	Backfilling at Southern Side from -10mPD to -2mPD (Slip Road 3 - 4000cu.m)	21	21	22-Feb-15	14-Mar-15	0%	-53					
S3B-TS-1110	Bay 7 & 8 Wall and OHVD Base Slab	10	10	23-Feb-15	04-Mar-15	0%	-73					
S3B-TS-1120	Bay 9 & 10 Wall and OHVD Base Slab	10	10	28-Feb-15	09-Mar-15	0%	-73					
S3B-TS-1130	Bay 7 & 8 OHVD Wall Stem and Bay 7 & 8 Top Slab	10	10	05-Mar-15	14-Mar-15	0%	-68					
S3B-TS-1140	Bay 9 & 10 OHVD Wall Stem and Bay 9 Top Slab	10	10	10-Mar-15	19-Mar-15	0%	-73					
S3B-TS-1160	Construction of Slip Road 2 & 3 Base Slab (CH3045 - CH3129)	14	14	04-Apr-15	17-Apr-15	0%	-73					
S3B-TS-2000A	Construction of Exhaust Duct (CH2988 - CH3045)	48	48	01-Mar-15	17-Apr-15	0%	455					
S3B-TS-2000B	Construction of Slip Road 3 (CH2988 - CH3045) above Exhaust Duct including backfilling	30	30	18-Apr-15	17-May-15	0%	455					
CWB Tunnelling Works (Stage 3 : Ch3129 - Ch3245)												
Stage 3 - Reclamation Works												
S3C-MW-1400	Removal of Remaining Type II & I Material during Stage 3 Excavation	45	45	20-Dec-14	02-Feb-15	0%	-144					
Stage 3 - Excavation Works (Ch3129 - Ch3245)												
Excavation Works at Stage 3												
S3C-EW-1000	Excavation to +0mPD (approx 21,400m3) including strut/waling installation	40	12	03-Sep-14 A	31-Dec-14	0%	592					
S3C-EW-1010	Excavation to -4.0 mPD (approx 26,600m3) including strut/waling installation	96	43	03-Sep-14 A	31-Jan-15	0%	-271					
S3C-EW-1010C	Installation of Dewatering Well (24nos.) and Pumping Test	45	46	12-Dec-14 A	03-Feb-15	0%	558					
S3C-EW-1010D	Excavation to -16mPD (approx 55,000m3)	125	43	15-Dec-14 A	31-Jan-15	0%	-142					
Stage 3 - Tunnel Structure Works (Bay 11 to Bay 17 : Ch3129 - Ch3245)												
Tunnel Structure at Stage 3A (Top Slab Construction : CH3185 - CH3246)												
S3C-TS-1100	Stage 3A - Bay 15, 16, 17 & 18 Top Slab (CH3185 - CH3223 : 38m Long)	30	30	01-Feb-15	02-Mar-15	0%	-271					
Tunnel Structure at Stage 3A & 3B (CH3129 - CH3245)												
S3C-TS-2000	Bay 11 Slip Road 3 Sump Pit Base Slab	14	13	03-Feb-15	15-Feb-15	0%	453					
S3C-TS-2000A	Bay 11 Slip Road 3 Sump Pit Wall	7	7	16-Feb-15	22-Feb-15	0%	453					
S3C-TS-2000B	Backfill to the Base Slab of Slip Road 3	10	10	23-Feb-15	04-Mar-15	0%	453					
S3C-TS-2000C	Remove 2nd and 3rd layer of Strut and Waling (Bay 11)	7	7	05-Mar-15	11-Mar-15	0%	453					

█ Remaining Work █ Summary Bar
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Activity ID	Activity Name	OD	RD	Start	Finish	% Comp	Total Float	2014			2015		
											Qtr 1		
								Dec	Jan	Feb	Mar		
S3C-TS-2000C	Bay 11 Slip Road 3 Base Slab and Pump Room Base Slab	14	14	12-Mar-15	25-Mar-15	0%	453						
S3C-TS-2000D	Bay 11 Slip Road 3 Pump Room Wall	7	7	26-Mar-15	01-Apr-15	0%	453						
S3C-TS-2000E	Bay 11 Slip Road 3 Elec. Room Base Slab	14	14	02-Apr-15	15-Apr-15	0%	453						
S3C-TS-2000F	Bay 11 Slip Road 3 Wall & OHVD Base Slab	10	10	16-Apr-15	25-Apr-15	0%	453						
S3C-TS-2000G	Bay 11 CWB Base Slab	14	14	02-Jan-15	15-Jan-15	0%	475						
S3C-TS-2000H	Bay 11 CWB Wall	7	7	12-Mar-15	18-Mar-15	0%	470						
S3C-TS-2000I	Bay 11 CWB Wall and OHVD Base Slab	10	10	19-Mar-15	28-Mar-15	0%	491						
S3C-TS-2000J	Bay 11 CWB OHVD Wall Stem and Top Slab	14	14	29-Mar-15	11-Apr-15	0%	491						
S3C-TS-2000K	Backfilling to formation of Slip Road 2	10	10	19-Mar-15	28-Mar-15	0%	470						
S3C-TS-2000L	Bay 11 Slip Road 2 Base Slab	14	14	29-Mar-15	11-Apr-15	0%	470						
S3C-TS-2000M	Bay 11 Slip Road 2 Wall	7	7	12-Apr-15	18-Apr-15	0%	470						
S3C-TS-2000N	Bay 11 Slip Road 2 Top Slab	14	14	19-Apr-15	02-May-15	0%	470						
S3C-TS-2010	Bay 12 CWB Base Slab	14	14	17-Feb-15	02-Mar-15	0%	443						
S3C-TS-2010A	Remove 2nd and 3rd layers of Strut/Waling (Bay 12)	7	7	08-Mar-15	14-Mar-15	0%	443						
S3C-TS-2010B	Bay 12 CWB Wall	14	14	15-Mar-15	28-Mar-15	0%	443						
S3C-TS-2010C	Backfilling to formation of Slip Road 2 & 3	10	10	29-Mar-15	07-Apr-15	0%	447						
S3C-TS-2010D	Bay 12 Slip Road 2 & 3 Base Slab	10	10	12-Apr-15	21-Apr-15	0%	443						
S3C-TS-2010E	Bay 12 CWB Wall & OHVD Base Slab	14	14	29-Mar-15	11-Apr-15	0%	443						
S3C-TS-2010F	Bay 12 CWB OHVD Wall Stem and Top Slab	14	14	12-Apr-15	25-Apr-15	0%	477						
S3C-TS-2020	Bay 13 CWB and Slip Road 3 Base Slab	14	14	03-Feb-15	16-Feb-15	0%	-144						
S3C-TS-2020A	Backfilling to formation of Slip Road 2	10	10	17-Feb-15	26-Feb-15	0%	478						
S3C-TS-2020B	Remove 2nd and 3rd layers of Strut/Waling (Bay 13)	7	7	27-Feb-15	05-Mar-15	0%	478						
S3C-TS-2020C	Bay 13 CWB & Slip Road 3 Wall and Slip Road 2 Base Slab	14	14	06-Mar-15	19-Mar-15	0%	478						
S3C-TS-2020D	Bay 13 CWB & Slip Road 3 Wall & OHVD Base Slab and Slip Road 2 Wall	21	21	20-Mar-15	09-Apr-15	0%	478						
S3C-TS-2020E	Bay 13 CWB & Slip Road 3 Top Slab and Slip Road 2 Wall & OHVD Base Slab	14	14	10-Apr-15	23-Apr-15	0%	478						
S3C-TS-2030	Bay 14 CWB, Sump Pump and Slip Road 3 Base Slab	14	14	17-Feb-15	02-Mar-15	0%	-144						
S3C-TS-2030A	Bay 14 Sump Pump Wall	10	10	03-Mar-15	12-Mar-15	0%	-144						
S3C-TS-2030B	Backfill to formation of Slip Road 2	10	10	13-Mar-15	22-Mar-15	0%	-144						
S3C-TS-2030C	Bay 14 Slip Road 2 Base Slab	14	14	23-Mar-15	05-Apr-15	0%	-144						
S3C-TS-2030D	Remove 2nd and 3rd layer of Strut/Waling (Bay 14)	7	7	11-Apr-15	17-Apr-15	0%	-144						
S3C-TS-2030E	Bay 14 CWB and Slip 3 Road Wall and Pump Room Base Slab	14	14	18-Apr-15	01-May-15	0%	-144						
S3C-TS-2090	Bay 20 Slip Road 3 Base Slab	10	10	03-Feb-15	12-Feb-15	0%	495						
S3C-TS-2090A	Bay 20 CWB & Slip Road 2 Base Slab and Slip Road 3 Wall	14	14	25-Jan-15	07-Feb-15	0%	500						
S3C-TS-2090B	Remove 2nd and 3rd layer of Strut/Waling (Bay 20)	7	7	18-Feb-15	24-Feb-15	0%	495						
S3C-TS-2090C	Bay 20 CWB & Slip Road 2 Wall and Slip Road 3 Wall & OHVD Base Slab	14	14	25-Feb-15	10-Mar-15	0%	495						
S3C-TS-2090D	Bay 20 CWB & Slip Road 2 Wall & OHVD Base Slab and Slip Road 3 Top Slab	14	14	11-Mar-15	24-Mar-15	0%	495						
S3C-TS-2090E	Bay 20 CWB & Slip Road 2 Top Slab	14	14	25-Mar-15	07-Apr-15	0%	495						
S3C-TS-2100	Bay 16 & Bay 18 Slip Road 3 Base Slab	14	14	03-Feb-15	16-Feb-15	0%	-131						
S3C-TS-2100A	Bay 16 & Bay 18 CWB & Slip Road 2 Base Slab and Slip Road 3 Wall	21	21	01-Feb-15	21-Feb-15	0%	-139						
S3C-TS-2100B	Remove 2nd and 3rd layer of Strut/Waling (Bay 16 & Bay 18)	14	14	27-Feb-15	12-Mar-15	0%	465						
S3C-TS-2100C	Bay 16 & Bay 18 CWB & Slip Road 2 Wall and Slip Road 3 Wall & OHVD Base Slab	21	21	13-Mar-15	02-Apr-15	0%	465						
S3C-TS-2100D	Bay 16 & Bay 18 CWB & Slip Road 2 Wall & OHVD Base Slab and Slip Road 3 OHVD Wall	21	21	03-Apr-15	23-Apr-15	0%	465						
S3C-TS-2110	Bay 15, 17 & 19 Slip Road 3 Base Slab	21	21	17-Feb-15	09-Mar-15	0%	-131						
S3C-TS-2110A	Bay 15, 17 & 19 CWB & Slip Road 2 Base Slab and Slip Road 3 Wall	24	24	22-Feb-15	17-Mar-15	0%	-139						
S3C-TS-2110B	Remove 2nd and 3rd layer of Strut/Waling (Bay Bay 15, 17 & 19)	14	14	23-Mar-15	05-Apr-15	0%	-139						
S3C-TS-2110C	Bay 15, 17 & 19 CWB & Slip Road 2 Wall and Slip Road 3 Wall & OHVD Base Slab	24	24	06-Apr-15	29-Apr-15	0%	-139						
Section 4 of the Works - Salt Water Mains, Works in Area 3													
S8B (DN800) Salt Watermains													
S4-1000	Zone A4-2C - S8B (20m)	45	7	24-Sep-14 A	26-Dec-14	0%	-132						
S4-1010C	Zone A4-2B - S8B (20m)	48	7	07-Oct-13 A	26-Dec-14	0%	-132						
S4-1010D	Zone A4-2Brev - S8B (10m)	21	7	14-Mar-14 A	26-Dec-14	100%	-132						
Testing and Commissioning													
S4-1500	Pressure Test of S8B	6	6	27-Dec-14	01-Jan-15	0%	-132						
S4-1510	Cleaning of S8B	7	7	02-Jan-15	08-Jan-15	0%	-132						
S4-1520	Connection to Existing Mains (S8B)	7	7	17-Jan-15	23-Jan-15	0%	-147						

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CEDD CONTRACT NO. HK/2009/01
 Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)
 WORKS PROGRAMME Rev.6E - 3 Month Programme starting from 20-Dec-14

Activity ID	Activity Name	OD	RD	Start	Finish	% Comp	Total Float	2014		2015			
								Dec	Jan	Qtr 1		Feb	Mar
S9 (DN450) Salt Watermains & Sewer													
S4-2080	Zone A2-4B - S9 (8m) - Testing point	24	16	04-Dec-13 A	10-Jan-15	100%	453						
S4-2120	Zone A3-5C - S9 (8m) - Testing point	14	14	16-Jul-13 A	10-Jan-15	0%	464						
Testing and Commissioning													
S4-2500	Pressure Test of S9	6	6	11-Jan-15	16-Jan-15	0%	569						
S4-2510	Cleaning of S9	7	7	17-Jan-15	23-Jan-15	0%	569						
S4-2520	Connection to Existing Mains (S9)	7	7	17-Jan-15	23-Jan-15	0%	569						
Section 6A of the Works - Cooling Water Discharge System (3 nos. Govt Towers)													
S6A-1200	Zone X1-1 - CHBF (11m)	21	21	27-Dec-14	16-Jan-15	0%	-112						
S6A-1220	Zone X1-3 - CHBF (7m)	21	21	14-Apr-15	04-May-15	0%	-241						
S6A-1230	Zone X1-4A - CHBF (21m) & S3 (21m) Connection Point	24	115	20-Jan-14 A	13-Apr-15	100%	-241						
S6A-1240	Zone C3-1 - CHBF (16m) Test and Connection Point	60	43	22-Jun-14 A	31-Jan-15	0%	-127						
Section 6B of the Works - Cooling Water Intake & Discharge System (Great Eagle / Harbour Centre)													
S6B-1220	Zone C3-1 - CHBG (16m) Test and Connection Point	60	43	22-Jun-14 A	31-Jan-15	0%	-127						
Section 6C of the Works - Cooling Water Discharge System (China Resources Building)													
S6C-1600	Zone C3-1 - CHBI (16m) Test and Connection Point	60	43	22-Jun-14 A	31-Jan-15	0%	-127						
Common Works for Sections 6A, 6B & 6C													
Discharge Outfall Construction													
S6-1030	Connection of the Completed Cooling Mains to Precast Outfall Unit	0	0		07-Feb-15*	0%	0						
S6-1040	Reinstatement of Existing Seawall after Connection	30	30	08-Feb-15	09-Mar-15	0%	524						
Section 8 of the Works - Works in Area 6 (Utilities other than Watermains in Fenwick Pier Street)													
Sewerage Works													
S8-1030	Zone A3-5D & A3-4D	23	28	10-Jan-14 A	24-Jan-15	100%	-120						
S8-1040	Zone A3-2C	23	23	26-Jan-15	27-Feb-15	0%	-120						
S8-1050	Zone A3-2D	23	23	28-Feb-15	26-Mar-15	0%	-120						
S8-2500	CCTV Survey	1	1	27-Mar-15	27-Mar-15	0%	-120						
S8-3000	Connection with Upstream Existing Manhole & Abandon Used Pipe	7	7	28-Mar-15	09-Apr-15	0%	-120						
Section 9 of the Works - Remaindar of the Works													
Box Culvert Construction													
S9-1030	Construction of Precast Bay 1	76	12	25-Sep-14 A	31-Dec-14	84.21%	592						
S9-1040A	Installation of Sheet Pile / ELS and Construction for Bay 7	180	43	07-Sep-14 A	31-Jan-15	0%	-166						
S9-1040B	Installation of Sheet Pile / ELS and Construction for Bay 2	180	43	11-Oct-14 A	31-Jan-15	0%	-166						
S9-1050	Construction of Bay 3 to Bay 6 incl. top slab waterproofing works	75	75	03-Mar-15	16-May-15	0%	-271						
Waterworks in Area 9													
Salt Water Mains (S3, S5A & S5B)													
S9-5500A	Zone X1-1 - S3 (5m)	0	0		16-Jan-15	0%	-90						
Fresh Water Mains (F3)													
S9-7040	Zone X1-1 - F3 (5m)	0	0		16-Jan-15	0%	1						
Section 13 of the Works - Works in Area 11 (other than Section 11)													
S13-3000	Completion of Backfilling to +5.0mPD	0	0		20-Dec-14	0%	70						
Section 9A of the Works - Landscape Softworks in Area 9													
S9A-1000	Transplanting at Expo Drive East and Convention Avenue Junction	180	180	20-Dec-14	17-Jun-15	0%	59						

■ Remaining Work ■ Summary Bar
■ Actual Work
■ Summary Bar
■ Critical Remaining Work
◆ Milestone

Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Calendar	2014					2015									
								Jan 61	Feb 62	Mar 63	Apr 64	May 65	Jan 61	Feb 62	Mar 63	Apr 64	May 65					
Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai East (dd 20-Jan-14)																						
Programme Milestones (Revised up to EOTO No.10 Issued on 29-Nov-13)																						
Contractual Completion Dates																						
KDC0110	Section 7 Works (831 days) - Box Culvert N1 & Works at Area 7 (7-May-12)	0	0	20-Jan-15 18:00*	20-Jan-15 18:00*	-988	Calendar Day															
Soft Landscaping & Establishment Key Dates																						
KDC0140	Section 8C Works (1473 days) - Landscape Softworks in Area 8 (10-Feb-14)	0	0	20-Jan-15 18:00*	20-Jan-15 18:00*	-344	Calendar Day															
KDC0150	Section 8D Works (1838 days) - Establishment Works in Area 8 (10-Feb-15)	0	0	10-Feb-15 18:00*	10-Feb-15 18:00*	0	Calendar Day															
Forecast Completion Dates																						
KDF0110	Section 7 Works (831 days) - Box Culvert N1 & Works at Area 7	0	0	07-Apr-15 18:00	11-Apr-15 18:00	-425	Calendar Day															
Soft Landscaping & Establishment Key Dates																						
KDF0140	Section 8C Works (1473 days) - Landscape Softworks in Area 8	0	0	07-Apr-15 18:00	07-Apr-15 18:00	-421	Calendar Day															
Possession of Site																						
PS0090	Possession of Portion 9 - Western Bulkhead (By HK/2009/01)	0	0	07-May-15 08:00*	07-May-15 08:00*	-28	Calendar Day															
Preliminaries																						
PRE0950	Permanent Diversion of Box Culvert M by HK/2009/01	0	0	31-Mar-15 18:00*	31-Mar-15 18:00*	-308	Calendar Day															
Critical Submission & Approval																						
PRE-SUB-1000B	Temp Covered Walkway Capping Beam - Design Approval	30	7	19-Jun-13 08:00 A	27-Jan-15 18:00	1377	Calendar Day															
PRE-SUB-1010B	Temp Covered Walkway Cover System (PS30.5) - Design Approval	30	7	12-Jun-14 08:00 A	27-Jan-15 18:00	1377	Calendar Day															
CSD for CWB Tunnel																						
PRE-CSD-2030B	Tunnel Portion 2 - Redesign CWB Tunnel Structure Design Submission Approval by AECOM	60	30	16-Nov-13 08:00 A	19-Feb-15 18:00	-63	Calendar Day															
PRE-CSD-3000B	Tunnel Portion 3&4 - Redesign Temp D-Wall Submission Approval by AECOM & GEO	30	10	08-Jun-13 08:00 A	30-Jan-15 18:00	1374	Calendar Day															
PRE-CSD-3010B	Tunnel Portion 3&4 - ELS Submission Approval by AECOM & GEO	60	30	17-Jan-14 08:00 A	19-Feb-15 18:00	-352	Calendar Day															
PRE-CSD-5000B	Tunnel Portion 5 - Temp D-Wall Submission Approval by AECOM & GEO	60	30	15-Aug-13 08:00 A	19-Feb-15 18:00	-252	Calendar Day															
PRE-CSD-5010A	Tunnel Portion 5 - ELS ICE Submission	120	120	21-Jan-15 08:00	20-May-15 18:00	-346	Calendar Day															
PRE-CSD-6010A	Tunnel Portion 6 - ELS ICE Submission	120	120	21-Jan-15 08:00	20-May-15 18:00	-33	Calendar Day															
Critical Procurement & Site Delivery																						
PRE-PRO-1100B	GRP Roof Panel for Temp Covered Walkway (Type 2)	60	21	15-Jun-14 08:00 A	10-Feb-15 18:00	1363	Calendar Day															
Section 3 of the Works - Re-provisioning of Government Helipad and Public Toilet																						
Outstanding Works																						
S3-0070-1499	Reinstatement of armour rock, retaining walls & new covered walkway along Expo Drive East	254	25	11-Aug-12 08:00 A	18-Feb-15 18:00	1084	HK Working Day															
Section 4A of the Works - Cooling Water Pumping System for Sun Hung Kai Centre (P8)																						
Cooling Mains Work above Tunnel Portion & connecting to Pump Station																						
S4A-0900	Outstanding Works	365	73	16-Feb-14 08:00 A	03-Apr-15 18:00	1311	Calendar Day															
Section 4B of the Works - Cooling Water Pumping System for China Resources Building (P9)																						
Cooling Mains Work above Tunnel Portion & connecting to Pump Station																						
S4B-0900	Outstanding Works	365	7	01-Oct-13 08:00 A	27-Jan-15 18:00	1377	Calendar Day															
Section 4C of the Works - Cooling Water Pumping System for Great Eagle Centre / Harbour Centre (P7)																						
Cooling Mains Work above Tunnel Portion & connecting to Pump Station																						
S4C-0900	Outstanding Works	365	7	21-Nov-13 08:00 A	27-Jan-15 18:00	1377	Calendar Day															
Section 5 of the Works - WSD Salt Water Pumping System																						
Overall Testing & Commissioning of Re-provisioned Salt Water Intake System																						
S5-0900	Outstanding Works	365	73	06-Mar-14 08:00 A	03-Apr-15 18:00	1311	Calendar Day															
Section 7 of the Works - Box Culvert N1 & Flood Relief System																						
Transformer Building for Dining Services at Ferry Pier (VO116)																						
Civil Works																						
S7-TB-2065	Waterproof application and testing for Roof Top Slab	6	6	21-Jan-15 08:00	26-Jan-15 18:00	-1022	Calendar Day															
S7-TB-2080	Formwork Removal & Scaffolding Dismantling	4	4	04-Mar-15 08:00	07-Mar-15 18:00	-833	HK Working Day															
ABWF Works																						
S7-TB-3000	ABWF Works	60	42	05-Jan-15 08:00 A	03-Mar-15 18:00	-1035	Calendar Day															
S7-TB-3100	Landscaping Works	30	30	04-Mar-15 08:00	02-Apr-15 18:00	-695	Calendar Day															
E&M Works																						
S7-TB-4000	E&M Installation (with individual testing)	30	30	18-Dec-14 08:00 A	19-Feb-15 18:00	-1069	Calendar Day															
S7-TB-4100	22kV Cable across HHR to Transformer Building by HEC	45	20	29-Oct-14 08:00 A	09-Feb-15 18:00	1364	Calendar Day															
S7-TB-4200	LV Cable Laying to Ferry Pier	30	29	02-Jan-15 08:00 A	18-Feb-15 13:30	-1068	Calendar Day															
S7-TB-4300	Transformer Installation by HEC	30	30	20-Feb-15 08:00	21-Mar-15 18:00	-1069	Calendar Day															
S7-TB-4400	Energization of Transformer	7	7	22-Mar-15 08:00	28-Mar-15 18:00	-1069	Calendar Day															
Overall Testing & Commissioning																						
S7-TB-9000	WSD Inspection & Water Cert Approval	14	14	20-Feb-15 08:00	05-Mar-15 18:00	-1046	Calendar Day															
S7-TB-9100	FSD Inspection & Fire Cert Approval	14	14	29-Mar-15 08:00	11-Apr-15 18:00	-1069	Calendar Day															
Section 8A of the Works - Re-provisioning of Wan Chai Ferry Pier in Area 8																						
ABWF & E&M Installation																						
Roof																						
S8A-BS-4010	E&M Installation	28	10	10-Sep-13 08:00 A	30-Jan-15 18:00	1374	Calendar Day															
Works in Area 8 - ABWF Works at Observation Deck of Ferry Pier																						
S8B-FP-01100	Roof Finishes & Misc. ABWF Installation	120	36	28-Oct-13 08:00 A	25-Feb-15 18:00	1348	Calendar Day															
S8B-FP-01300	Handrail & Glass Balustrade Installation	45	36	21-Dec-13 08:00 A	25-Feb-15 18:00	1348	Calendar Day															
Section 9B of the Works - CWB Tunnel Structure (CH3400 - CH3796)																						

Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Calendar	2014					2015										
								Jan 61	Feb 62	Mar 63	Apr 64	May 65	Jan 61	Feb 62	Mar 63	Apr 64	May 65						
Tunnel Portion 1 (CH3500-CH3630)																							
CWB Structural Works																							
Bay 6 (For OHVD Base Slab & Side Wall, Combined to Bay 5)																							
Wall																							
S9B-T1-B6-1120	Wall (Middle Late Cast) - Rebar Fixing	4	4	06-Feb-15 08:00	10-Feb-15 18:00	205	HK Working Day																
S9B-T1-B6-1130A	Wall (Middle Late Cast) - Formwork	3	3	11-Feb-15 08:00	13-Feb-15 18:00	205	HK Working Day																
S9B-T1-B6-1130B	Wall (Middle Late Cast) - Concrete	1	1	14-Feb-15 08:00	14-Feb-15 18:00	205	HK Working Day																
S9B-T1-B6-1140	Wall (Middle Late Cast) - Curing & Formwork Removal	3	3	15-Feb-15 08:00	17-Feb-15 18:00	259	Calendar Day																
Tunnel Portion 2 (CH3425-CH3500)																							
CWB Structural Works																							
S9B-T2-2000	Tunnel portion 2 ELSW excavation (62,500m3; 500m3/d)	125	13	20-Aug-14 08:00 A	04-Feb-15 13:30	11	HK Working Day																
S9B-T2-3000	Tunnel Portion 2 - Trim Bored Pile Head, Blinding	21	20	19-Jan-15 08:00 A	12-Feb-15 17:33	-31	HK Working Day																
S9B-T2-4000	Strut S5 Removal	7	7	28-Apr-15 08:00	06-May-15 18:00	-50	HK Working Day																
S9B-T2-4200	Bulk Head Demolition between TP1 & TP2 @ CH3500 & Baseslab Stitching	14	14	16-Jan-15 08:00 A	05-Feb-15 18:00	19	HK Working Day																
Bay 1																							
S9B-T2-B1-1010	Base Slab - Waterproofing	4	4	26-Feb-15 08:00	02-Mar-15 18:00	-50	HK Working Day																
S9B-T2-B1-1020	Base Slab - Formwork & Rebar Fixing	14	14	03-Mar-15 08:00	18-Mar-15 18:00	-38	HK Working Day																
S9B-T2-B1-1030	Base Slab - Concrete & Curing	5	5	19-Mar-15 08:00	23-Mar-15 18:00	-35	Calendar Day																
Bay 2																							
S9B-T2-B2-1010	Base Slab - Waterproofing	4	4	03-Mar-15 08:00	06-Mar-15 18:00	-50	HK Working Day																
S9B-T2-B2-1020	Base Slab - Formwork & Rebar Fixing	14	14	07-Mar-15 08:00	23-Mar-15 18:00	-28	HK Working Day																
S9B-T2-B2-1030	Base Slab - Concrete & Curing	5	5	24-Mar-15 08:00	28-Mar-15 18:00	-40	Calendar Day																
Bay 3																							
S9B-T2-B3-1010	Base Slab - Waterproofing	4	4	07-Mar-15 08:00	11-Mar-15 18:00	-50	HK Working Day																
S9B-T2-B3-1020	Base Slab - Formwork & Rebar Fixing	14	14	19-Mar-15 08:00	08-Apr-15 18:00	-38	HK Working Day																
S9B-T2-B3-1030	Base Slab - Concrete & Curing	5	5	09-Apr-15 08:00	13-Apr-15 18:00	-56	Calendar Day																
S9B-T2-B3-3000	Wall (South) - Waterproofing	4	4	16-May-15 08:00	20-May-15 18:00	-50	HK Working Day																
S9B-T2-B3-3010	Wall (Middle) - Rebar Fixing	4	4	16-May-15 08:00	20-May-15 18:00	-47	HK Working Day																
S9B-T2-B3-3020	Wall (North) - Waterproofing	4	4	16-May-15 08:00	20-May-15 18:00	-50	HK Working Day																
Bay 4																							
S9B-T2-B4-1010	Base Slab - Waterproofing	4	4	12-Mar-15 08:00	16-Mar-15 18:00	-50	HK Working Day																
S9B-T2-B4-1020	Base Slab - Formwork & Rebar Fixing	14	14	17-Mar-15 08:00	01-Apr-15 18:00	-50	HK Working Day																
S9B-T2-B4-1030	Base Slab - Concrete & Curing	5	5	02-Apr-15 08:00	06-Apr-15 18:00	-49	Calendar Day																
S9B-T2-B4-3000	Wall (South) - Waterproofing	4	4	12-May-15 08:00	15-May-15 18:00	-50	HK Working Day																
S9B-T2-B4-3010	Wall (Middle) - Rebar Fixing	4	4	12-May-15 08:00	15-May-15 18:00	-47	HK Working Day																
S9B-T2-B4-3020	Wall (North) - Waterproofing	4	4	12-May-15 08:00	15-May-15 18:00	-50	HK Working Day																
S9B-T2-B4-3030	Wall (South) - Rebar Fixing	3	3	16-May-15 08:00	19-May-15 18:00	-38	HK Working Day																
S9B-T2-B4-3040	Wall (North) - Rebar Fixing	3	3	16-May-15 08:00	19-May-15 18:00	-38	HK Working Day																
S9B-T2-B4-3050	Wall (Middle) - Formwork & Concrete	3	3	16-May-15 08:00	19-May-15 18:00	-35	HK Working Day																
Bay 5																							
S9B-T2-B5-1010	Base Slab - Waterproofing	4	4	17-Mar-15 08:00	20-Mar-15 18:00	-40	HK Working Day																
S9B-T2-B5-1020	Base Slab - Formwork & Rebar Fixing	14	14	02-Apr-15 08:00	22-Apr-15 18:00	-50	HK Working Day																
S9B-T2-B5-1030	Base Slab - Concrete & Curing	5	5	23-Apr-15 08:00	27-Apr-15 18:00	-70	Calendar Day																
S9B-T2-B5-3000	Wall (South) - Waterproofing	4	4	07-May-15 08:00	11-May-15 18:00	-50	HK Working Day																
S9B-T2-B5-3010	Wall (Middle) - Rebar Fixing	4	4	07-May-15 08:00	11-May-15 18:00	-47	HK Working Day																
S9B-T2-B5-3020	Wall (North) - Waterproofing	4	4	07-May-15 08:00	11-May-15 18:00	-50	HK Working Day																
S9B-T2-B5-3030	Wall (South) - Rebar Fixing	3	3	12-May-15 08:00	14-May-15 18:00	-34	HK Working Day																
S9B-T2-B5-3040	Wall (North) - Rebar Fixing	3	3	12-May-15 08:00	14-May-15 18:00	-34	HK Working Day																
S9B-T2-B5-3050	Wall (Middle) - Formwork & Concrete	3	3	12-May-15 08:00	14-May-15 18:00	-31	HK Working Day																
S9B-T2-B5-3060	Wall (South) - Formwork & Concrete	3	3	15-May-15 08:00	18-May-15 18:00	-34	HK Working Day																
S9B-T2-B5-3070	Wall (North) - Formwork & Concrete	3	3	15-May-15 08:00	18-May-15 18:00	-34	HK Working Day																
S9B-T2-B5-3080	Wall (Middle) - Curing & Formwork Removal	3	3	15-May-15 08:00	17-May-15 18:00	-40	Calendar Day																
S9B-T2-B5-3090	Wall (South) - Curing & Formwork Removal	3	3	19-May-15 08:00	21-May-15 18:00	-44	Calendar Day																
S9B-T2-B5-3100	Wall (North) - Curing & Formwork Removal	3	3	19-May-15 08:00	21-May-15 18:00	-44	Calendar Day																
Tunnel Portion 3 & Tunnel Portion 4 (CH3630-CH3790)																							
Foundation																							
Stage 3 - Northern Wall after TWCR4 Reclamation (C88-C105)																							
S9B-T34-1430C	D-wall Construction at TWCR4 (C88-P94; P101-C105; 6d/Panel)	84	13	31-Oct-14 08:00 A	02-Feb-15 14:24	-349	Calendar Day																
Stage 4 - Southern Wall after HHR Flyover Diversion (Stage 2) (P132-P143)																							
S9B-T34-1640	D-wall Construction at Original HHR Flyover Approach Ramp (P132-P143; 8d/Panel)	96	80	08-Jan-15 08:00 A	10-Apr-15 17:43	-416	Calendar Day																
S9B-T34-1660	Capping Beam Construction Between Tunnel Portion 1 and 3 & 4	14	13	21-Jan-15 14:24 A	03-Feb-15 10:42	-335	Calendar Day																
S9B-T34-1670	Installation of Pump Well, Observation Well, Inclinator and Piezometers	28	22	08-Jan-15 14:24 A	12-Feb-15 11:36	-358	Calendar Day																
S9B-T34-1700	Tunnel Portion 3 & 4 Pumping test	28	28	10-Apr-15 17:43	08-May-15 17:43	-416	Calendar Day																
CWB Structural Works																							
S9B-T34-2000	Tunnel Portion 3 & 4 Excavation (198,000m3 soil @1500m3/d; 2000m3 rock @100m3/d) & ELS	230	230	24-Apr-15 17:43	05-Feb-16 17:43	-333	HK Working Day																
Section 10 Works - CWB Tunnel Structure (CH3246 - CH3400)																							
Tunnel Portion 6 (CH3246-CH3280)																							
S10-T6-1020	Tunnel Portion 6 Bored Pile - 13nr. (3 sets @ 12d/pile)	52	52	07-May-15 08:00	09-Jul-15 18:00	-23	HK Working Day																
Section 11 of the Works - Remainder of Works																							

CHUN WO - CRGL JOINT VENTURE

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

CEDD CONTRACT NO. HK/2009/02
Wan Chai Development Phase II - Central-Wan Chai Bypass at Wan Chai East (Contract 2)
3-MONTH ROLLING PROGRAMME (dd 20-Jan-15)

Date	Revision	Checked	Approved
20-Jan-15...	3MRP		
20-Sep-1...	Revised WP		

Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Calendar	2014					2015							
								Jan 61	Feb 62	Mar 63	Apr 64	May 65	Jan 61	Feb 62	Mar 63	Apr 64	May 65			
Marine Works at WCR3																				
S11-R3-0500	Fabrication of Caisson Seawalls for WCR3 Reclamation (1st Stage - 5 Nos.)	184	123	05-Dec-14 08:00 A	23-May-15 18:00	-486	Calendar Day													
S11-R3-1300	1st Stage Rockfilling for Seawall (24,000m3 @ 1000m3/d)	60	30	05-Dec-14 08:00 A	19-Feb-15 18:00	-466	Calendar Day													
S11-R3-1400	Placing leveling stones to -6.0mPD (1500m2 @ 40m2/d)	38	38	02-Feb-15 08:00	11-Mar-15 18:00	-486	Calendar Day													
S11-R3-1500	Installation of Permanent Seawall (5 nos.) & Rockfilling behind seawall	16	16	12-Mar-15 08:00	27-Mar-15 18:00	-486	Calendar Day													
S11-R3-1600	2nd Stage Dredging incl. Existing Wan Chai Ferry Pier (20,000m3 @ 1,000m3/d)	20	17	15-Jan-15 08:00 A	06-Feb-15 18:00	-437	Calendar Day													
S11-R3-1700	Reclamation from -14 mPD to -2.0mPD by Hopper (121,000m3 @ 3,000m3/d)	41	41	28-Mar-15 08:00	07-May-15 18:00	-486	Calendar Day													
S11-R3-1800	Installation of Permanent Seawall & Rockfilling behind seawall	16	16	08-May-15 08:00	23-May-15 18:00	-486	Calendar Day													
Soft Landscaping & Establishment Works																				
Section 8C of the Works - Landscape Softworks in Area 8																				
S8C-0010	Carry out landscape soft work on new ferry pier	2375	587	24-Feb-10 18:00 A	29-Aug-16 18:00	0	Calendar Day													
Section 8D of the Works - Establishment Works in Area 8																				
S8D-0010	Carry out establishment work on new ferry pier	90	77	07-Oct-14 08:00 A	07-Apr-15 18:00	-421	Calendar Day													
Section 12 of the Works - Protection and Preservation of Existing Trees																				
S12-0010	Protection and preservation of existing trees	365	365	08-Apr-15 08:00	06-Apr-16 18:00	-421	Calendar Day													
SUMMARY PROGRAMME																				
CWB Tunnel Construction & Remaining Works (Section 9A, 9B, 10 & 11)																				
CWB Tunnel Works in WCR2																				
SUM-CWB-22000	Pump Test & Excavation for Tunnel Portion 2	2375	587	24-Feb-10 18:00 A	29-Aug-16 18:00	0	Calendar Day													
SUM-CWB-23000	CWB Tunnel Portion 2 Construction	396	285	17-Oct-14 08:00 A	01-Nov-15 18:00	-62	Calendar Day													
CWB Tunnel Works in WCR3																				
SUM-CWB-30000	Reclamation at WCR3 & Ferry Pier Demolition (Except Water Channel Maintained for HK/2009/02)	261	285	19-Jan-15 08:00 A	01-Nov-15 18:00	-62	Calendar Day													
SUM-CWB-35000B	Foundation for Tunnel Portion 6 - Bored Pile	314	170	30-Aug-14 08:00 A	09-Jul-15 18:00	-29	Calendar Day													
CWB Tunnel Works in WCR4/TWCR4																				
SUM-CWB-41000B	Foundation for Tunnel Portion 3&4 (except Eastern Bulkhead Wall)	795	381	11-Nov-13 08:00 A	05-Feb-16 17:43	-368	Calendar Day													
SUM-CWB-42000	Pump Test & Excavation for Tunnel Portion 3&4	457	80	11-Nov-13 08:00 A	10-Apr-15 17:43	-67	Calendar Day													
Reprovisioning of Existing Facilities (Section 3, 4A, 4B, 4C, 5, 6, 7, 8A & 8B)																				
Reprovisioning of Box Culvert N (Section 7)																				
SUM-FAC-52000	VO116 - New Transformer Building to Ferry Pier	754	81	07-May-13 08:00 A	11-Apr-15 18:00	1303	Calendar Day													
Reprovisioning of Wan Chai Ferry Pier & Covered Walkway (Section 8A & 8B)																				
SUM-FAC-65000	ABWF Works on Observation Deck under Section 8B	249	81	08-Oct-14 00:00 A	11-Apr-15 18:00	-1069	Calendar Day													

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

Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2014		2015		
						Nov	Dec	Jan	Feb	Mar
Total		11-Nov-13 A	20-Jul-15	183						
HK/2012/08 3M Rolling Programme (Dec 2014 to Feb 2015) Based on Rev3/		11-Nov-13 A	20-Jul-15	183						
Dredging and Reclamation		24-Nov-14 A	21-Apr-15	110						
Marine Work Construction		24-Nov-14 A	21-Apr-15	110						
Dredging		01-Dec-14	21-Apr-15	110						
Dredging - Zone A1		31-Dec-14	15-Jan-15	12						
MAR10220	Zone A1 - Install shear pins to existing bored piles	31-Dec-14	15-Jan-15	12	0%					
Dredging - Zone D		01-Dec-14	21-Apr-15	110						
MAR12640	Zone D - Remove existing rock armour [S12-S14]	30-Jan-15	21-Apr-15	60	0%					
MAR12685	Zone D - Final Hydrographic Survey [R11-R12]	01-Dec-14	06-Dec-14	6	0%					
Seawall Construction		24-Nov-14 A	13-Mar-15	81						
Seawall Construction - Zone D		24-Nov-14 A	13-Mar-15	81						
MAR11839	Zone D - fill temp. rock bund at Seawall 1C - fill rock to +4.0mPD	21-Dec-14	22-Dec-14	2	0%					
MAR11844	Zone D - lay toe block and level stone for Seawall 2	12-Dec-14	22-Dec-14	9	0%					
MAR11845	Zone D - fill rock mound for Seawall 1A-L	09-Jan-15	18-Jan-15	10	0%					
MAR11847	Zone D - lay toe block and level stone for Seawall 1A-L	19-Jan-15	26-Jan-15	7	0%					
MAR11854	Zone D - fill temp. rock bund at Seawall 2 - fill rock to +4.0mPD	11-Feb-15	12-Feb-15	2	0%					
MAR11858	Zone D - fill rock mound for Seawall 9	19-Jan-15	03-Feb-15	14	0%					
MAR11888	Zone D - Caisson Seawall 2F - fill type A rockfill (-10mPD to +1.3mPD)	24-Nov-14 A	03-Dec-14	3	80%					
MAR11890	Zone D - Caisson Seawall 2F - lay geotextile and filter (-10mPD to +1.3mPD)	27-Nov-14 A	08-Dec-14	6	10%					
MAR11945	Zone D - Caisson Seawall 1C - fill type A rockfill (-10mPD to +1.3mPD)	29-Nov-14 A	13-Dec-14	12	7.69%					
MAR11947	Zone D - Caisson Seawall 1C - lay geotextile and filter (-10mPD to +1.3mPD)	15-Dec-14	20-Dec-14	6	0%					
MAR11980	Zone D - deliver and Install Caisson Seawall 2	23-Dec-14	25-Dec-14	3	0%					
MAR12000	Zone D - Caisson Seawall 1A & 2 - fill type A rock fill (-6.65mPD to +1.3mPD)	30-Jan-15	03-Feb-15	4	0%					
MAR12010	Zone D - Caisson Seawall 1A & 2 - lay geotxtile and filter (-6.65 to +1.3mPD)	04-Feb-15	10-Feb-15	6	0%					
MAR12220	Zone D - deliver and Install Caisson Seawall 1A-L	27-Jan-15	29-Jan-15	3	0%					
MAR20575	Zone D - TTA for demolish existing seawall (for seawall 11)	29-Jan-15	05-Feb-15	7	0%					
MAR20578	Zone D - demolish existing seawall	06-Feb-15	13-Mar-15	26	0%					
Filling		17-Dec-14	18-Mar-15	71						
Filling - Zone D		17-Dec-14	18-Mar-15	71						
MAR12040	Zone D - Sorted Public Fill up to +4.0mPD (south area behind caisson 2F and 1C)	17-Dec-14	31-Dec-14	11	0%					
MAR12045	Zone D - Sorted Public Fill up to +4.0mPD (south area behind caisson 1A and 2)	04-Feb-15	05-Feb-15	2	0%					
MAR12050	Zone D - 1st stage - Remove/Trim Down Existing Seawall	02-Jan-15	18-Mar-15	60	0%					
Works for Section Completion		11-Nov-13 A	20-Jul-15	183						
Construction		11-Nov-13 A	20-Jul-15	183						
Section II - MVB Structure		12-May-14 A	31-Mar-15	96						
MVB Substructure - Diaphragm Wall and Bored Pile		12-May-14 A	28-Jan-15	48						
SII10480	Sec II - MVB A - construct Dwall [P1-P12, P34-P41] (1.5m thk on rock)	28-May-14 A	05-Dec-14	5	97.18%					
SII10540	Sec II - MVB B - construct Dwall [P13-P33] (1.5m thk on rock)	12-May-14 A	05-Dec-14	5	97.33%					
SII10560	Sec II - MVB A&B - precaution grout / fissure grout	14-Oct-14 A	23-Dec-14	20	60%					
SII10565	Sec II - MVB A&B - Interface Core / Sonic Test	18-Oct-14 A	31-Dec-14	25	50%					

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

Project Star :22-Jan-13
Project End: 21-Jul-18
Date Date: 30-Nov-14

3 Month Rolling Programme (Non-CR III Area)

December 2014 to February 2015

Date	Revi...	Chec...	Approved
30-No...	3MRP		

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Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2014		2015		
						Nov	Dec	Jan	Feb	Mar
SII10570	Sec II - MVB A&B - Install pumping well/observation well	01-Dec-14	05-Jan-15	28	0%					
SII10580	Sec II - MVB A&B - pumping test for Dwall	06-Jan-15	23-Jan-15	18	0%					
SII10600	Sec II - MVB A&B - pumping test for precaution grout curtain and fissure grout	06-Jan-15	23-Jan-15	18	0%					
SII10610	Sec II - MVB A&B - Install shear pin on Dwall panel P18-P33 & P33A	16-Oct-14 A	02-Jan-15	26	40%					
SII10615	Sec II - MVB A&B - Install king post	17-Dec-14	03-Jan-15	12	0%					
SII10620	Sec II - MVB C - Construct Guide Wall [P42-P43]	03-Dec-14	09-Dec-14	6	0%					
SII10622	Sec II - MVB C - construct Dwall [P42-P43] (1.5m thk on rock)	10-Dec-14	28-Jan-15	40	0%					
MVB Substructure - Diaphragm Wall - Construction Sequences		14-Nov-14 A	13-Dec-14	12						
Group 1		28-Nov-14 A	13-Dec-14	12						
SII-10210	Sec II - MVB - Dwall P25	28-Nov-14 A	13-Dec-14	12	50%					
Group 2		17-Nov-14 A	09-Dec-14	8						
SII-10325	Sec II - MVB - Dwall P23	17-Nov-14 A	09-Dec-14	8	55%					
Group 3		14-Nov-14 A	08-Dec-14	6						
SII-10480	Sec II - MVB - Dwall P39	14-Nov-14 A	08-Dec-14	6	70%					
MVB Substructure - Bored Pile and Prebored H-Pile		26-Jun-14 A	31-Mar-15	96						
SII10340	Sec II - MVB A&B - Construct bored piles	26-Jun-14 A	17-Dec-14	15	90%					
SII10360	Sec II - MVB A&B - bored pile sonic test, interface core & full core	04-Oct-14 A	10-Jan-15	33	63.33%					
SII10380	Sec II - MVB C - predrilling for prebored H-piles	07-Jan-15	03-Feb-15	24	0%					
SII10400	Sec II - MVB C - construct prebored H-piles	25-Feb-15	31-Mar-15	30	0%					
MVB Substructure - Bored Pile - Construction Sequences		22-Nov-14 A	17-Dec-14	15						
Group 1		22-Nov-14 A	15-Dec-14	13						
SII-11200	Ssec II - MVB - Bored Pile BC7	01-Dec-14	15-Dec-14	13	0%					
SII-11210	Ssec II - MVB - Bored Pile BC9	01-Dec-14 A	13-Dec-14	11	25%					
SII-11240	Ssec II - MVB - Bored Pile BC18	22-Nov-14 A	08-Dec-14	7	55%					
Group 2		01-Dec-14	17-Dec-14	15						
SII-11160	Ssec II - MVB - Bored Pile BC15	01-Dec-14	17-Dec-14	15	0%					
MVB Substructure - Structural Works for Portion A		12-Jan-15	27-Feb-15	36						
SII10820	Sec II - MVB A - Excavation down to +1.7mPD	12-Jan-15	19-Jan-15	7	0%					
SII10840	Sec II - MVB A - Install Strut L1 at +2.7mPD	20-Jan-15	29-Jan-15	9	0%					
SII10860	Sec II - MVB A - Excavation down to -1.5mPD	30-Jan-15	10-Feb-15	10	0%					
SII10880	Sec II - MVB A - Install Strut L2 at -1.0mPD	11-Feb-15	27-Feb-15	10	0%					
MVB Substructure - Structural Works for Portion B		12-Jan-15	10-Mar-15	45						
SII11440	Sec II - MVB B: Excavation down to +1.7mPD	12-Jan-15	19-Jan-15	7	0%					
SII11460	Sec II - MVB B: Install Strut L1 at +2.7mPD	20-Jan-15	29-Jan-15	9	0%					
SII11480	Sec II - MVB B: Excavation down to -1.0mPD	30-Jan-15	07-Feb-15	8	0%					
SII11500	Sec II - MVB B: Install Strut L2 at 1.0mPD	09-Feb-15	24-Feb-15	9	0%					
SII11520	Sec II - MVB B: Excavation down to -5.5mPD	25-Feb-15	10-Mar-15	12	0%					
Section II A - CWB Tunnel & Slip Road Structures and Facilities		04-Aug-14 A	20-Jul-15	183						
Section II A - CWB Tunnel - Design, Submission and Approval		08-Dec-14	03-Mar-15	86						
SIIA10500	CWB Tunnel - Temp work design for bulk exc & ELS - ICE check & issue check cert	08-Dec-14	02-Jan-15	26	0%					
SIIA10520	CWB Tunnel - Temp work design for bulk exc & ELS - Eng comment & approve	03-Jan-15	28-Jan-15	26	0%					
SIIA10540	CWB Tunnel - Temp work design for tunnel structural works - prepare & submit to ICE	08-Dec-14	05-Feb-15	60	0%					
SIIA10560	CWB Tunnel - Temp work design for tunnel structural works - ICE check & issue check cert	06-Feb-15	03-Mar-15	26	0%					
CWB CRIII & A1		22-Sep-14 A	15-Jun-15	155						
CWB CRIII & A1 - Dwall and Pile Construction		22-Sep-14 A	28-Jan-15	47						
SIIA11120	Sec II A - CWB A1 - construct temporary DWall and temp bulk head wall	22-Sep-14 A	31-Dec-14	24	68%					

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Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2014		2015		
						Nov	Dec	Jan	Feb	Mar
SIIA11140	Sec II A - CWB A1 - Construct pre-bored H-pile	31-Oct-14 A	10-Jan-15	33	43.1%					
SIIA11165	SIIA - CWB A1 - install shear pins to existing bored piles	31-Dec-14	15-Jan-15	12	0%					
SIIA11220	Sec II A - CWB A1 - D-wall Sonic test	15-Dec-14	09-Jan-15	20	0%					
SIIA11240	Sec II A - CWB A1 - install dewater/ recharge / observation well	13-Dec-14	15-Jan-15	25	0%					
SIIA11255	Sec II A - CWB A1- pumping test (CRIII, A1)	15-Jan-15	28-Jan-15	11	0%					
CWB CRIII & A1 - Tunnel Structure		24-Jan-15	15-Jun-15	111						
SIIA11280	Sec II A - CWB A1: Shoring & Excavation	24-Jan-15	15-Jun-15	111	0%					
SIIA11300	Sec II A - CWB A1: Roof slab (1st bay)	17-Feb-15	03-Apr-15	35	0%					
CWB A2 & B		10-Sep-14 A	01-Jun-15	143						
CWB A2 & B - Dwall Construction		10-Sep-14 A	01-Jun-15	143						
SIIA11480	Sec II A - CWB B: ground treatment	10-Sep-14 A	05-Dec-14	5	91.67%					
SIIA11500	Sec II A - CWB B: construct Guide Wall	25-Oct-14 A	03-Dec-14	3	90%					
SIIA11520	Sec II A - CWB B: Construct Permanent DWall and barrette (1.2m thk on rock)	30-Oct-14 A	26-Feb-15	68	26.88%					
SIIA11525	Sec II A - CWB B: Construct temp Dwall (1.2m thk)	29-Jan-15	24-Apr-15	65	0%					
SIIA11540	Sec II A - CWB B: Construct pre-bored H-pile	29-Jan-15	24-Apr-15	65	0%					
SIIA11560	Sec II A - CWB B: Ground treatment to Stop End (MTR CWL)	27-Feb-15	02-Apr-15	30	0%					
SIIA11580	Sec II A - CWB B: Dwall sonic test / interface core	30-Dec-14	07-May-15	100	0%					
SIIA11600	Sec II A - CWB B: Dwall precaution grout / fissure grout / grout curtain	30-Dec-14	07-May-15	100	0%					
SIIA11620	Sec II A - CWB B: Install dewatering/ recharging/ observation well	30-Dec-14	01-Jun-15	120	0%					
SIIA13340	Sec II A - CWB A2(1): Predrilling for Dwall & piles	01-Dec-14	04-Feb-15	54	0%					
SIIA13360	Sec II A - CWB A2(1): ground pretreatment	08-Dec-14	02-Feb-15	46	0%					
SIIA13380	Sec II A - CWB A2(1): Guide Wall	10-Dec-14	26-Feb-15	60	0%					
SIIA13400	Sec II A - CWB A2(1): construct temp DWall (1.2m thk) and temp bulk head wall	12-Jan-15	11-May-15	93	0%					
CWB C		04-Aug-14 A	30-May-15	142						
CWB C - Dwall Construction		04-Aug-14 A	30-May-15	142						
SIIA11880	Sec II A - CWB CW: Predrilling for Dwall & piles	04-Aug-14 A	13-Dec-14	12	82.86%					
SIIA11900	Sec II A - CWB CW: ground Pre-treatment	01-Nov-14 A	13-Jan-15	35	42%					
SIIA11920	Sec II A - CWB CW: Guide Wall	29-Oct-14 A	31-Dec-14	25	58.33%					
SIIA11940	Sec II A - CWB CW: construct north DWall & barrette (1.5m thk) (on rock)	06-Dec-14	15-Apr-15	100	0%					
SIIA11945	Sec II A - CWB CW: construct south DWall (1.5m thk) (on rock)	08-Jan-15	27-Apr-15	85	0%					
SIIA12960	Sec II A - CWB CE: Predrilling for Dwall	18-Sep-14 A	17-Dec-14	15	83.33%					
SIIA12980	Sec II A - CWB CE: ground pre-treatment	05-Jan-15	29-Apr-15	90	0%					
SIIA13000	Sec II A - CWB CE: construct Guide Wall	10-Jan-15	26-Mar-15	60	0%					
SIIA13010	Sec II A - CWB CE: construct barrette (1.2m thk)	16-Jan-15	30-May-15	105	0%					
CWB C - Exhaust Duct		18-Dec-14	24-Jan-15	30						
SIIA12820	Sec II A - Exhaust Duct at Slip Rd3: Predrilling for Piles	18-Dec-14	24-Jan-15	30	0%					
CWB D - Slip Road 1		11-Dec-14	20-Jul-15	174						
CWB D - Slip Road 1 - Dwall Construction		11-Dec-14	20-Jul-15	174						
SIIA12240	Sec II A - CWB SR1: Predrilling for Dwall & piles	11-Dec-14	03-Apr-15	90	0%					
SIIA12260	Sec II A - CWB SR1: ground pre-treatment	19-Dec-14	22-May-15	120	0%					
SIIA12280	Sec II A - CWB SR1: Guide Wall	06-Jan-15	13-May-15	100	0%					
SIIA12300	Sec II A - CWB SR1: construct permanent DWall (1.2m thk)	14-Jan-15	12-Mar-15	45	0%					
SIIA12305	Sec II A - CWB SR1: construct temp DWall (1.2m thk)	23-Jan-15	20-Jul-15	140	0%					

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Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2014		2015					
						Nov	Dec	Jan	Feb	Mar			
Section VI A - Box Culvert La, L1 & FRP-L Construction						11-Nov-13 A	10-Mar-15	78					
Sec VI A - Box Culvert La bay 1-3 and Roadwork						22-Oct-14 A	26-Jan-15	46					
Box Culvert La Bay 1-3						22-Oct-14 A	26-Jan-15	46					
CUL10570	Sec VI A - Area 1 - Culvert La bay 3 wall and roof slab - curing, backfill and remove upper layer of strut	22-Oct-14 A	10-Dec-14	9	1.99%								
CUL10703	Sec VI A - Area 1 - Culvert La bay 2 wall and roof slab - curing, backfill and remove upper layer of strut	29-Nov-14 A	03-Dec-14	3	50%								
CUL10705	Sec VI A - Area 1 - Culvert La bay 1-3 - construct manhole DO-01; IM-01	02-Dec-14	08-Dec-14	6	0%								
CUL10720	Sec VI A - Area 1 - Culvert La bay 1-3 - backfill to pavement formation	03-Dec-14	16-Dec-14	12	0%								
CUL10730	Sec VI A - Area 1 - Culvert La bay 1-3 - sub-base	10-Dec-14	16-Dec-14	6	0%								
CUL10740	Sec VI A - Area 1 - Culvert La bay 1-3 - road kerb	15-Dec-14	22-Dec-14	7	0%								
CUL10760	Sec VI A - Area 1 - Culvert La bay 1-3 - road paving	15-Dec-14	23-Dec-14	8	0%								
CUL10780	Sec VI A - Area 1 - Culvert La bay 1-3 - pedestrian way paving	24-Dec-14	05-Jan-15	8	0%								
CUL11680	Sec VI A - Area 1 - reinstatement of Kiosks	03-Jan-15	26-Jan-15*	20	0%								
CUL12380	Sec VI A - Area 1 - road marking and road sign	24-Dec-14	31-Dec-14	5	0%								
Section VI A - Area 2 - Lung King Street Roadwork & Utilities						11-Nov-13 A	07-Jan-15	30					
SVIA10040	Sec VI A - Area 1 - Summary of Box Culvert La Construction	11-Nov-13 A	05-Jan-15	28	79.41%								
SVIA10080	Sec VI A - Area 2 - Reinstate the area	01-Dec-14	07-Jan-15	30	0%								
Sec VI C - Box Culvert La bay 4 and Roadwork						08-Dec-14	10-Mar-15	72					
CUL11570	Sec VI C - Culvert L - bay 4 - sheet pile & ELS	08-Dec-14	06-Jan-15	23	0%								
CUL11580	Sec VI C - Culvert L - bay 4 (south half) - construct base slab	07-Jan-15	13-Jan-15	6	0%								
CUL11600	Sec VI C - Culvert L - bay 4 (south half) - construct wall and roof	14-Jan-15	27-Jan-15	12	0%								
CUL11605	Sec VI C - Culvert L - bay 4 (south half) - curing and remove internal formwork	28-Jan-15	04-Feb-15	7	0%								
CUL11615	Sec VI C - Culvert L - bay 4 (south half) - construct temp bulk head inside cells	05-Feb-15	24-Feb-15	12	0%								
CUL11620	Sec VI C - Culvert L - bay 4 - construct top slab	25-Feb-15	10-Mar-15	12	0%								
CUL11645	Sec VI C - Culvert L - bay 4 (north half) - drive pipe pile	28-Jan-15	17-Feb-15	18	0%								
CUL11650	Sec VI C - Culvert L - bay 4 (north half) - demolish existing seawall	25-Feb-15	07-Mar-15	10	0%								
Box Culvert L1 & FRP-L Construction (Bay 5 - Bay 13)						15-Aug-14 A	09-Jun-15	150					
Box Culvert L1 & FRP-L - Bay 5 to 7						15-Aug-14 A	18-Mar-15	85					
CUL10015	Culvert L - form temp opening at existing box culvert Bay 4 for temp flow diversion	01-Dec-14	13-Jan-15	35	0%								
CUL10275	Sec VI C - Culvert L - bay 5,6,7 - erect temp platform for predrilling	03-Oct-14 A	17-Jan-15	39	40%								
CUL10280	Sec VI C - Culvert L - bay 5,6,7 - predrilling	01-Dec-14	19-Jan-15	40	0%								
CUL10800	Sec VI C - Culvert L - bay 7 - construct pre-bored H-pile	12-Dec-14	30-Jan-15	40	0%								
CUL10820	Sec VI C - Culvert L - bay 6 - construct pre-bored H-pile	29-Dec-14	13-Feb-15	40	0%								
CUL10840	Sec VI C - Culvert L - bay 5 - construct pre-bored H-pile	26-Jan-15	18-Mar-15	40	0%								
CUL10868	Sec VI C - Culvert L - bay 5-7 - Form Dry Dock for precast culvert units	15-Aug-14 A	28-Jan-15	48	35.14%								
CUL10870	Sec VI C - Culvert L - bay 5-7 - Construct bottom slabs for precast culvert units	29-Jan-15	28-Feb-15	22	0%								
CUL10940	Sec VI C - Culvert L - bay 5 - pile head treatment and construct pile cap	06-Dec-14	17-Dec-14	10	0%								
CUL10960	Sec VI C - Culvert L - bay 5 - construct base slab	18-Dec-14	02-Jan-15	11	0%								
CUL10980	Sec VI C - Culvert L - bay 5 - construct wall	03-Jan-15	16-Jan-15	12	0%								
CUL11000	Sec VI C - Culvert L - bay 5 - construct top slab	17-Jan-15	03-Feb-15	15	0%								
CUL11020	Sec VI C - Culvert L - bay 6 - pile head treatment and construct pile cap	18-Dec-14	31-Dec-14	10	0%								
CUL11040	Sec VI C - Culvert L - bay 6 - construct base slab	02-Jan-15	14-Jan-15	11	0%								
CUL11060	Sec VI C - Culvert L - bay 6 - construct wall	15-Jan-15	28-Jan-15	12	0%								

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Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2014		2015		
						Nov	Dec	Jan	Feb	Mar
CUL11080	Sec VI C - Culvert L - bay 6 - construct top slab	29-Jan-15	14-Feb-15	15	0%					
CUL11090	Sec VI C - Culvert L - bay 5, 6 - dismantle formwork and curing	16-Feb-15	11-Mar-15	16	0%					
Box Culvert L1 & FRP-L - Bay 8 to 13										
CUL10120	Culvert L - bay 8 - predrilling for pre-bored H-pile	31-Dec-14	15-Jan-15	12	0%					
CUL10180	Culvert L - bay 8 - construct pre-bored H-pile	08-Jan-15	12-Feb-15	30	0%					
CUL10260	Culvert L - Bay 8 - install sheetpile	12-Feb-15	07-Mar-15	15	0%					
CUL11690	CWBA1 - [Summary] Tunnel waterproofing and backfill for Culvert L construction	05-Feb-15	09-Jun-15	96	0%					
CUL12350	Culvert L - Bay 12 & 13 - Erect temp platform for predrill and pre-bored H-piles	13-Jan-15	02-Feb-15	18	0%					
CUL12352	Culvert L - Bay 12 & 13 - predrilling for pre-bored H-pile	03-Feb-15	03-Mar-15	20	0%					
Section VI C - Area 3, 6, 8A & 8C										
Area 8A & 8C - Seawall Modification (Reviewed)										
Modification of Seawall										
A11705	Sec VI C - pile head treatment	01-Dec-14	07-Jan-15	30	0%					
A11715	Sec VI C - southbound	16-Dec-14	22-Jan-15	30	0%					
A11725	Sec VI C - northbound	06-Jan-15	09-Feb-15	30	0%					
A11780	Sec VI C - drive pipe pile	01-Dec-14	24-Mar-15	90	0%					
A11800	Sec VI C - seawall modification - bay 1	10-Feb-15	21-Mar-15	30	0%					
MTR Pump Room Stabilization (Reviewed)										
PRS-1010	Sec VI C - Install props inside MTR pump house	15-Dec-14	19-Dec-14	5	0%					
PRS-1020	Sec VI C - Place counter weight on top of MTR pump house	01-Dec-14*	30-Dec-14	24	0%					
PRS-1030	Sec VI C - Trim existing rubble mound	31-Dec-14	31-Jan-15	27	0%					
PRS-1040	Sec VI C - fill up void under pump house	02-Feb-15	06-Mar-15	24	0%					
Area 6 - Box Culvert bay 5-6										
SVIC10000	Sec VI C - [Summary] Construct Box Culvert Bay 5-6	29-Jan-15	23-May-15	89	0%					
Area 3 - Box Culvert bay 4 and Roadwork										
SVIC10220	Sec VI C - [Summary] Construct Box Culvert Bay 4 in Area 3	08-Dec-14	30-Apr-15	112	0%					
Section VI D - Area 8B & 10										
WDII Box 1 Construction (Reviewed)										
WDII Box 1 Submission and Approval / Material Procurement										
PCU60410	Sec VI D - WD II Box 1 - Prepare Subcontract for Box 1 structure	16-Jan-15	18-Jan-15	3	0%					
S0721040	Sec VI D - WD II Box 1 - temp work design - ICE check and issue check cert	15-Jan-15	11-Feb-15	28	0%					
S0721060	Sec VI D - WD II Box 1 - temp work design - Engineer comment and approve	15-Jan-15	11-Feb-15	28	0%					
S0721070	Sec VI D - WD II Box 1 - method statement and temp work design - MTR comment and approve	12-Feb-15	04-Apr-15	52	0%					
S0721080	Sec VI D - WD II Box 1 - Prepare and submit method statement	12-Feb-15	11-Mar-15	28	0%					
Section VII - Remainder Works										
Landing Steps Construction										
SVII11180	Sec VII - Landing Steps - form temporary access from landing steps to Fleet Acade	16-Jan-15	05-Feb-15	18	0%					
Section VIII - Landscape Softworks										
Soft Landscaping Works										
SVIII10020	Sec VIII - Tree Felling/Transplanting at Portion 2 & 2A	20-Nov-13 A	11-Mar-15	79	12.22%					

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

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

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Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016								
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
S67685	Achievement of KD5	7d/wk-2	0d		16-Oct-14 18	-323d													
S67687	Complete Reinstatement of Vertical Seawall (near PRE Office)	7d/wk-2	0d		27-Oct-14 18	-322d													
Reinstate Mucking Out Access Shaft "C"																			
S67240	Start reinstatement works (after completion of TPCWAW OHVD works)	6d/wk	0d	28-Mar-16 08		-102d													
S67225	Cast slab opening at top of CCT West bound (access shaft)	6d/wk	18d	28-Mar-16 08	16-Apr-16 18	-102d													
S67230	Removal of vertical shaft and backfilling	6d/wk	48d	11-Apr-16 08	04-Jun-16 18	-102d													
S67235	Reinstatement of pavement	6d/wk	12d	30-May-16 08	11-Jun-16 18	-102d													
TPCWAE - OHVD / Cable Trough																			
S5_7405	TPCWAE - Cable Trough (access through temp. opening at TZ5 & Portion 19)	6d/wk	48d	04-Sep-15 08	02-Nov-15 18	0d													
S5_7400	TPCWAE - OHVD Slab AT Area A (access through temp. opening at TZ5 & Portion 19)	6d/wk	48d	04-Sep-15 08	02-Nov-15 18	0d													
S5_59840	Completion of Section 5 - TPCWAE Area (KD10), below -20mPD	7d/wk-2	0d		02-Nov-15 18*	0d													
Works in TPCWAW Area																			
TPCWAW - Temporary Reclamation																			
Temporary Reclamation -																			
S6_9440	TPCWAW - place levelling stone and tamping, South side	7d/wk-1	6d	15-Oct-14 08	20-Oct-14 18	-122d													
S6_9450	TPCWAW - place seawall block to +4 at South side (Qty: 569 nos. @ 50 nos/day)	7d/wk-1	12d	21-Oct-14 08	01-Nov-14 18	-122d													
S6_9465	TPCWAW - place levelling stone and tamping, North side	7d/wk-1	6d	02-Nov-14 08	07-Nov-14 18	-122d													
S6_9470	TPCWAW - place seawall blocks to +4 North side (Qty:672 nos @ 50 nos/day)	7d/wk-1	14d	08-Nov-14 08	21-Nov-14 18	-122d													
S6_9495	TPCWAW - General fill to +2 within the seawall	7d/wk-1	17d	15-Nov-14 08	01-Dec-14 18	-122d													
S6_9490	TPCWAW - place seawall blocks to +4 at the temporary opening	7d/wk-1	7d	02-Dec-14 08	08-Dec-14 18	-122d													
S6_9475	TPCWAW - Remaining General fill to +4 within the seawall	7d/wk-1	10d	09-Dec-14 08	18-Dec-14 18	-122d													
TPCWAW - Diaphragm Wall																			
Diaphragm Wall																			
S6_9385	Site investigation	7d/wk-1	49d	01-Dec-14 08	21-Jan-15 18	-113d													
S6_8960	Install guide wall	7d/wk-1	40d	17-Dec-14 08	28-Jan-15 18	-120d													
S6_8955	Curtain grout along proposed diaphragm wall	7d/wk-1	40d	19-Dec-14 08	30-Jan-15 18	-122d													
S6_9382	Set up bentonite silo/plants and equipments	7d/wk-1	30d	19-Dec-14 08	20-Jan-15 18	-112d													
S6_9345	Diaphragm wall construction (34 panels @ 3 panels/ week)	7d/wk-1	68d	30-Jan-15 08	14-Apr-15 18	-141d													
S6_9350	Install shear pins on diaphragm wall	7d/wk-1	40d	14-Mar-15 08	26-Apr-15 18	-133d													

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							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			■	■					
TPCWAW- ELS Works															
ELS Works															
S6_9360	Install dewatering wells and piezometers	7d/wk-1	20d	30-Mar-15 08	22-Apr-15 18	-141d			■	■					
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			■	■					
TPCWAW - ROCK EXCAVATION															
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					◆				
TPCWAW- CCT RC Structure															
TPCWAW - CCT / OHVD															

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

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

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



Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016							
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3				
A8595	SR8, From West, CH 4015 - 4020 = 1bay, lining	7d/wk-1a	9d	01-Nov-14 08	09-Nov-14 18	137d												
A8600	SR8, From West, CH 4020 - 4025 = 1bay, lining	7d/wk-1a	9d	10-Nov-14 08	18-Nov-14 18	137d												
A8605	SR8, From West, CH 4025 - 4030 = 1bay, lining	7d/wk-1a	5d	19-Nov-14 08	23-Nov-14 18	137d												
A8610	SR8, From West, CH 4030 - 4035 = 1bay, lining	7d/wk-1a	5d	24-Nov-14 08	28-Nov-14 18	137d												
A8615	SR8, From West, CH 4035 - 4040 = 1bay, lining	7d/wk-1a	5d	29-Nov-14 08	03-Dec-14 18	137d												
A8620	SR8, From West, CH 4040 - 4045 = 1bay, lining	7d/wk-1a	5d	04-Dec-14 08	08-Dec-14 18	137d												
A8625	SR8, From West, CH 4045 - 4050 = 1bay, lining	7d/wk-1a	5d	09-Dec-14 08	13-Dec-14 18	137d												
A8630	SR8, From West, CH 4050 - 4055 = 1bay, lining	7d/wk-1a	5d	14-Dec-14 08	18-Dec-14 18	137d												
A8635	SR8, From West, CH 4055 - 4060 = 1bay, lining	7d/wk-1a	5d	19-Dec-14 08	23-Dec-14 18	137d												
A8640	SR8, From West, CH 4060 - 4065 = 1bay, lining	7d/wk-1a	5d	24-Dec-14 08	29-Dec-14 18	137d												
A8645	SR8, From West, CH 4065 - 4070 = 1bay, lining	7d/wk-1a	5d	30-Dec-14 08	04-Jan-15 18	137d												
A8647	SR8, From West, CH 4070 - 4075 = 1bay, lining	7d/wk-1a	5d	05-Jan-15 08	09-Jan-15 18	137d												
A8648	SR8, From West, CH 4075 - 4080 = 1bay, lining	7d/wk-1a	5d	10-Jan-15 08	14-Jan-15 18	137d												
A8649	SR8, From West, CH 4080 - 4085 = 1bay, lining	7d/wk-1a	5d	15-Jan-15 08	19-Jan-15 18	137d												
A8651	SR8, From West, CH 4085 - 4090 = 1bay, lining	7d/wk-1a	5d	20-Jan-15 08	24-Jan-15 18	137d												
A8652	SR8, From West, CH 4090 - 4095 = 1bay, lining	7d/wk-1a	5d	25-Jan-15 08	29-Jan-15 18	137d												
A8653	SR8, From West, CH 4095 - 4100 = 1bay, lining	7d/wk-1a	5d	30-Jan-15 08	03-Feb-15 18	137d												
A8654	SR8, From West, CH 4100 - 4105 = 1bay, lining	7d/wk-1a	5d	04-Feb-15 08	08-Feb-15 18	137d												
From East - Base Slab (10m/bay, 10m separation with benching excavation)																		
A9775	SR8 From East, CH 4149.5 - 4145 = 4.5m, base slab	7d/wk-1a	8d	02-Dec-14 08	09-Dec-14 18	0d												
A9780	SR8 From East, CH 4145 - 4135 = 10m/bay, base slab	7d/wk-1a	8d	10-Dec-14 08	17-Dec-14 18	0d												
A9785	SR8 From East, CH 4135 - 4125 = 10m/bay, base slab	7d/wk-1a	8d	18-Dec-14 08	26-Dec-14 18	8d												
A9786	SR8 From East, CH 4125 - 4115 = 10m/bay, base slab	7d/wk-1a	8d	27-Dec-14 08	04-Jan-15 18	10d												
From East - Lining (5m/bay, 10m separation with base slab)																		
A9820	From East, SR8 CH 4149.5 - 4145 = 4.5m, 1 bay, lining	7d/wk-1a	5d	18-Dec-14 08	22-Dec-14 18	0d												
A9815	From East, SR8 CH 4145 - 4140 = 1bay, lining	7d/wk-1a	5d	23-Dec-14 08	28-Dec-14 18	6d												
A9810	From East, SR8 CH 4140 - 4135 = 1bay, lining	7d/wk-1a	5d	29-Dec-14 08	03-Jan-15 18	6d												
A9805	From East, SR8 CH 4135 - 4130 = 1bay, lining	7d/wk-1a	5d	04-Jan-15 08	08-Jan-15 18	6d												

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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

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

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WORKS PROGRAMME REV. M

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

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

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

WORKS PROGRAMME REV. M

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



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

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
A9050	EB From West, Lining CH 4005 - 4010 = 1bay	7d/wk-1a	10d	08-Mar-15 08	17-Mar-15 18	4d			■ EB From West, Lining CH 4005 - 4010 = 1bay				
A9055	EB From West, Lining CH 4010 - 4015 = 1bay	7d/wk-1a	10d	18-Mar-15 08	27-Mar-15 18	4d			■ EB From West, Lining CH 4010 - 4015 = 1bay				
A9080	EB From West, Lining CH 4015 - 4020 = 1bay	7d/wk-1a	10d	26-Mar-15 08	05-Apr-15 18	4d			■ EB From West, Lining CH 4015 - 4020 = 1bay				
A9070	EB From West, Lining CH 4020 - 4025 = 1bay	7d/wk-1a	10d	03-Apr-15 08	13-Apr-15 18	4d			■ EB From West, Lining CH 4020 - 4025 = 1bay				
A9075	EB From West, Lining CH 4025 - 4030 = 1bay	7d/wk-1a	10d	12-Apr-15 08	21-Apr-15 18	4d			■ EB From West, Lining CH 4025 - 4030 = 1bay				
A9080	EB From West, Lining CH 4030 - 4035 = 1bay	7d/wk-1a	10d	20-Apr-15 08	29-Apr-15 18	4d			■ EB From West, Lining CH 4030 - 4035 = 1bay				
A9085	EB From West, Lining CH 4035 - 4040 = 1bay	7d/wk-1a	10d	28-Apr-15 08	08-May-15 18	4d			■ EB From West, Lining CH 4035 - 4040 = 1bay				
A9015	EB From West, Lining CH 4040 - 4045 = 1bay	7d/wk-1a	10d	07-May-15 08	16-May-15 18	4d			■ EB From West, Lining CH 4040 - 4045 = 1bay				
A9020	EB From West, Lining CH 4045 - 4050 = 1bay	7d/wk-1a	10d	15-May-15 08	24-May-15 18	4d			■ EB From West, Lining CH 4045 - 4050 = 1bay				
A9025	EB From West, Lining CH 4050 - 4055 = 1bay	7d/wk-1a	10d	23-May-15 08	01-Jun-15 18	4d			■ EB From West, Lining CH 4050 - 4055 = 1bay				
A9030	EB From West, Lining CH 4055 - 4060 = 1bay	7d/wk-1a	10d	31-May-15 08	09-Jun-15 18	4d			■ EB From West, Lining CH 4055 - 4060 = 1bay				
A9035	EB From West, Lining CH 4060 - 4065 = 1bay	7d/wk-1a	10d	07-Jun-15 08	16-Jun-15 18	4d			■ EB From West, Lining CH 4060 - 4065 = 1bay				
A9040	EB From West, Lining CH 4065 - 4070 = 1bay	7d/wk-1a	10d	14-Jun-15 08	24-Jun-15 18	4d			■ EB From West, Lining CH 4065 - 4070 = 1bay				
A9045	EB From West, Lining CH 4070 - 4075 = 1bay	7d/wk-1a	10d	25-Jun-15 08	05-Jul-15 18	0d			■ EB From West, Lining CH 4070 - 4075 = 1bay				
A8955	EB From West, Lining CH 4075 - 4080 = 1bay	7d/wk-1a	10d	30-Jun-15 08	10-Jul-15 18	0d			■ EB From West, Lining CH 4075 - 4080 = 1bay				
A8960	EB From West, Lining CH 4080 - 4085 = 1bay	7d/wk-1a	5d	11-Jul-15 08	15-Jul-15 18	0d			■ EB From West, Lining CH 4080 - 4085 = 1bay				
A8970	EB From West, Lining CH 4085 - 4090 = 1bay	7d/wk-1a	5d	16-Jul-15 08	20-Jul-15 18	0d			■ EB From West, Lining CH 4085 - 4090 = 1bay				
A8975	EB From West, Lining CH 4090 - 4095 = 1bay	7d/wk-1a	5d	21-Jul-15 08	25-Jul-15 18	0d			■ EB From West, Lining CH 4090 - 4095 = 1bay				
A8980	EB From West, Lining CH 4095 - 4100 = 1bay	7d/wk-1a	5d	26-Jul-15 08	30-Jul-15 18	0d			■ EB From West, Lining CH 4095 - 4100 = 1bay				
A8985	EB From West, Lining CH 4100 - 4105 = 1bay	7d/wk-1a	5d	31-Jul-15 08	04-Aug-15 18	0d			■ EB From West, Lining CH 4100 - 4105 = 1bay				
A8990	EB From West, Lining CH 4105 - 4110 = 1bay	7d/wk-1a	5d	05-Aug-15 08	09-Aug-15 18	0d			■ EB From West, Lining CH 4105 - 4110 = 1bay				
A8995	EB From West, Lining CH 4110 - 4115 = 1bay	7d/wk-1a	5d	10-Aug-15 08	14-Aug-15 18	0d			■ EB From West, Lining CH 4110 - 4115 = 1bay				
A9000	EB From West, Lining CH 4115 - 4120 = 1bay	7d/wk-1a	5d	15-Aug-15 08	19-Aug-15 18	0d			■ EB From West, Lining CH 4115 - 4120 = 1bay				
A9010	EB From West, Lining CH 4120 - 4125 = 1bay	7d/wk-1a	5d	20-Aug-15 08	24-Aug-15 18	0d			■ EB From West, Lining CH 4120 - 4125 = 1bay				
A8965	EB From West, Lining CH 4125 - 4130 = 1bay	7d/wk-1a	5d	25-Aug-15 08	29-Aug-15 18	0d			■ EB From West, Lining CH 4125 - 4130 = 1bay				
A8935	EB From West, Lining CH 4130 - 4135 = 1bay	7d/wk-1a	5d	30-Aug-15 08	03-Sep-15 18	0d			■ EB From West, Lining CH 4130 - 4135 = 1bay				
A8940	EB From West, Lining CH 4135 - 4140 = 1bay	7d/wk-1a	5d	04-Sep-15 08	08-Sep-15 18	0d			■ EB From West, Lining CH 4135 - 4140 = 1bay				
A8945	EB From West, Lining CH 4140 - 4145 = 1bay	7d/wk-1a	5d	09-Sep-15 08	13-Sep-15 18	0d			■ EB From West, Lining CH 4140 - 4145 = 1bay				
A8950	EB From West, Lining CH 4145 - 4149.5 = 4.5m	7d/wk-1a	5d	14-Sep-15 08	18-Sep-15 18	0d			■ EB From West, Lining CH 4145 - 4149.5 = 4.5m				

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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

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China State Construction Engineering (Hong Kong) Ltd

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

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

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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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

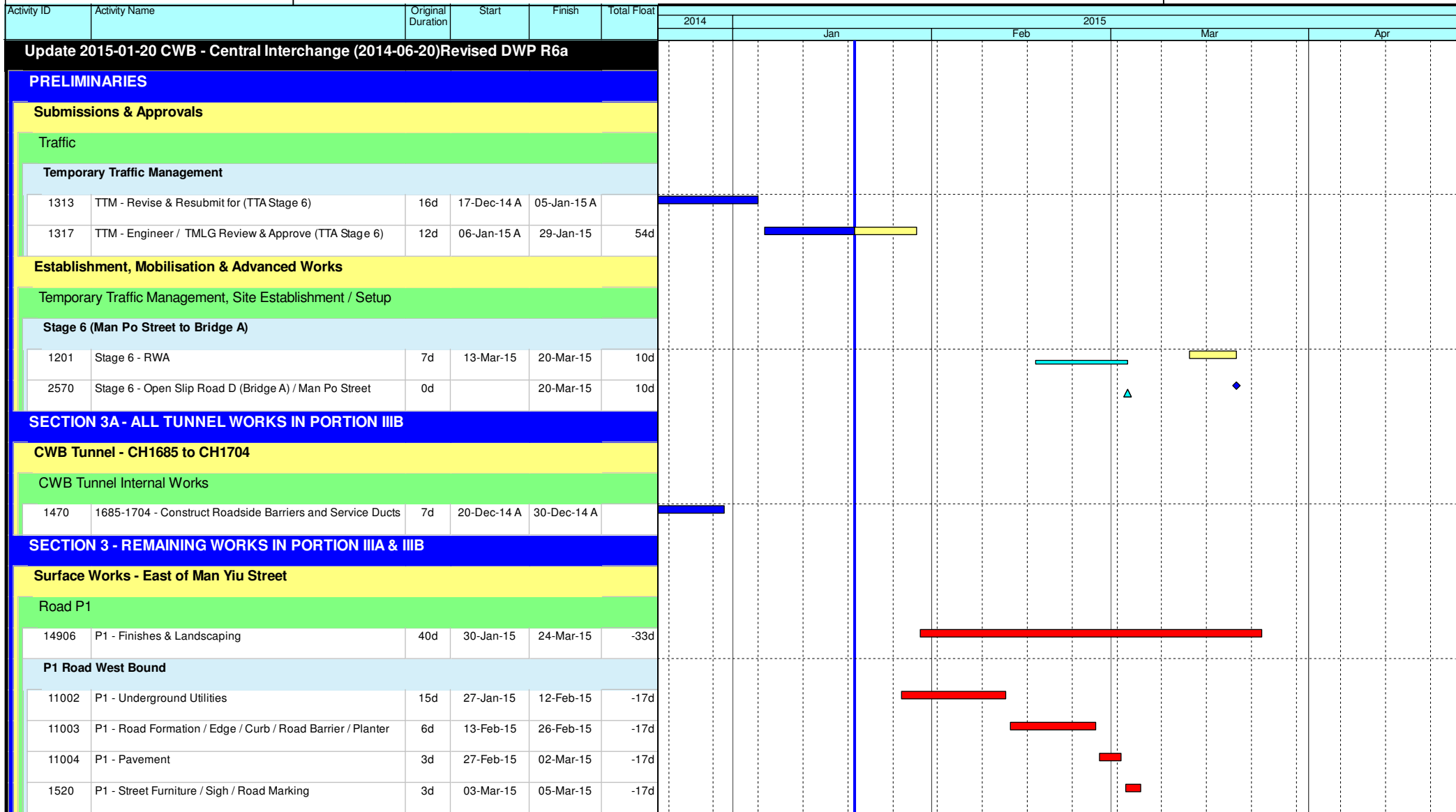


中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Data Date: 20-Jan-15

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

TASK filters: 3 Months_1, Not HL.



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

Leighton Contractors (Asia) Limited Programme Update 52 (January 2015) THREE MONTH ROLLING

Project ID: U052
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U052
 Page 1 of 6

Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014				2015											
						Jan				Feb				Mar				Apr			
P1 Road East Bound																					
14898	P1 - Underground Utilities	16d	01-Nov-14 A	02-Jan-15 A		[Blue bar]															
14900	P1 - Road Formation / Edge / Curb / Road Barrier / Planter	6d	12-Jan-15 A	22-Jan-15	-33d					[Blue bar]											
14902	P1 - Pavement	3d	23-Jan-15	26-Jan-15	-33d																
14904	P1 - Street Furniture / Sigh / Road Marking	3d	27-Jan-15	29-Jan-15	-33d																
Man Yiu Street Widening																					
1514	MYS - Road Formation / Edge / Curb	12d	14-Aug-14 A	22-Jan-15	-27d	[Blue bar]															
CRIII Entrusted Works																					
1532	MYS - Irrigation Works & Water Works - Entrustment Works at CRIII	24d	24-Oct-14 A	07-Jan-15 A		[Blue bar]															
VO142	VO142 - Revised road lighting plan at Man Yiu Street	48d	17-Dec-14 A	19-Mar-15	-55d	[Blue bar]				[Red bar]											
1516	MYS - Pavement	14d	23-Jan-15	07-Feb-15	-27d					[Red bar]											
1533	MYS - Barriers, Roads & Pavements - Entrustment Works at CRIII	14d	20-Mar-15	09-Apr-15	-55d													[Red bar]			
1518	MYS - Street Furniture / Sign / Road Marking	12d	10-Apr-15	23-Apr-15	-55d															[Red bar]	
SECTION 4A - ALL TUNNEL WORKS IN PORTION IVA, IVB, IVG & IVH																					
CWB Tunnel - CH1646 to CH1685 (Man Yiu Steet)																					
CWB Tunnel Internal Works																					
1830	1646-1685 - Construct Roadside Barriers and Service Ducts	24d	10-Dec-14 A	15-Jan-15 A		[Blue bar]															
SECTION 4 - REMAINING WORKS IN PORTION IVA, IVD, IVE & IVG																					
CWB Tunnel - CH1480 to CH1580																					
Formation & Roadworks																					
1910	1480-1580 - Finishes & Landscaping	36d	20-Jan-15	09-Mar-15	-99d					[Red bar]											
CWB Tunnel - CH1580 to CH1646																					
Formation & Roadworks																					
1930	1580-1646 - Roadworks	12d	17-Feb-14 A	20-Jan-15	-114d	[Blue bar]															
1940	1580-1646 - Finishes & Landscaping	50d	21-Jan-15	26-Mar-15	-114d					[Red bar]											

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

Leighton Contractors (Asia) Limited

Programme Update 52 (January 2015)

THREE MONTH ROLLING

Project ID: U052
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U052
 Page 2 of 6

Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Data Date: 20-Jan-15

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

TASK filters: 3 Months_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				
						Jan	Feb	Mar	Apr	
CWB Tunnel - CH1646 to CH1685 (Man Yiu Street)										
Formation & Roadworks										
1950	1646-1685 - Finishes & Landscaping	36d	20-Jan-15	09-Mar-15	-99d					
SECTION 5 - ALL WORKS IN PORTION V & VA										
General Surface Works										
Retaining Wall D										
2060	RWD - Road Works	12d	16-Dec-14 A	31-Dec-14 A						
Formation & Roadworks - Man Po Street & Retaining Wall H										
1112	MPS - Road Works	12d	20-Aug-14 A	23-Dec-14 A						
CWB Trough B - CH1360 to CH1480										
Preliminaries										
1352	V - Reinstate Finance Street (Stage2 Area)	40d	17-Feb-15	15-Apr-15	-127d					
Trough Structure										
Trough Phase 2a										
1297	TRB - Construct Trough Slab - 2a South Portion / Allow access for RW contractor	22d	26-Nov-14 A	30-Jan-15	-127d					
1301	TRB - Construct Wall - 2a South Bottom (CH1361-1450)	12d	31-Jan-15	13-Feb-15	-127d					
1303	TRB - Backfill - 2a South Wall to Bottom of Foul Drain	4d	10-Feb-15	13-Feb-15	-127d					
1307	TRB - Reinstate Foul & Storm Drain (Stage 2)	6d	10-Feb-15	16-Feb-15	-127d					
1309	TRB - Backfill - 2a South Wall	4d	17-Feb-15	27-Feb-15	-65d					
1312	TRB - Construct Wall - 2a South Wall Parapet	12d	28-Feb-15	13-Mar-15	-65d					
1302	TRB - Construct Internal Stairs	12d	28-Feb-15	13-Mar-15	-61d					
1314	TRB - Backfill - 2a South Wall Parapet	4d	14-Mar-15	18-Mar-15	-65d					
Trough Internal Works										
2140	TRB - Construct Roadside Service Ducts	24d	12-Feb-15	18-Mar-15	-65d					
2150	TRB - Road Pavement & Finishes	24d	05-Mar-15	01-Apr-15	-65d					

- ◆ Current Milestone
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- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

Leighton Contractors (Asia) Limited Programme Update 52 (January 2015) THREE MONTH ROLLING

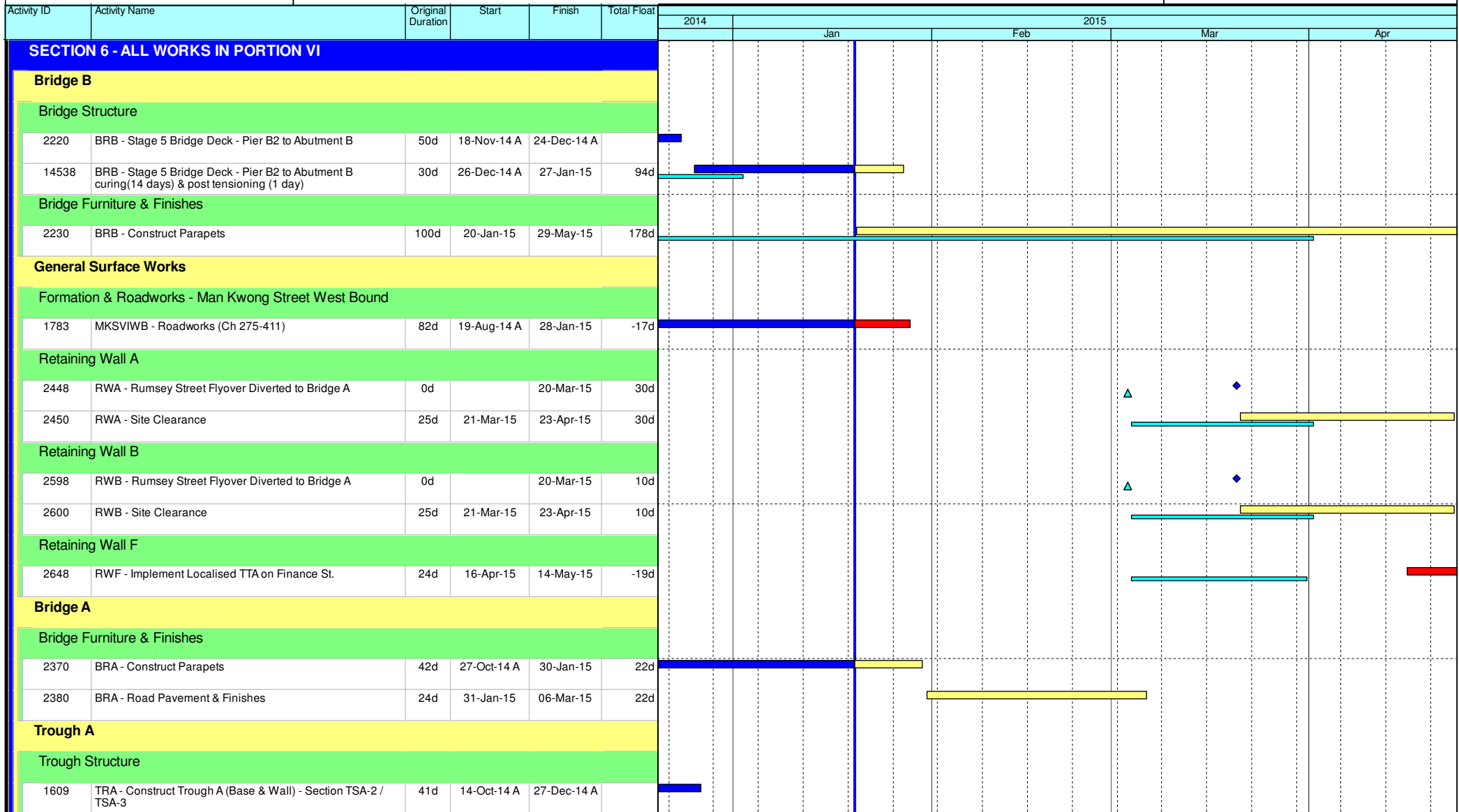
Project ID: U052
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U052
 Page 3 of 6

Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Data Date: 20-Jan-15

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

TASK filters: 3 Months_1, Not HL.



- ◆ Current Milestone
- Critical Remaining Work
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- ▲ Baseline Milestone
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Leighton Contractors (Asia) Limited Programme Update 52 (January 2015) THREE MONTH ROLLING

Project ID: U052
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U052
 Page 4 of 6

Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Data Date: 20-Jan-15

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

TASK filters: 3 Months_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2015											
						Jan	Feb	Mar	Apr								
1609a	TRA - Construct Trough A (Base & Wall) - Section TSA-1 / TSA-4 / TSA-5	46d	17-Oct-14 A	07-Feb-15	14d												
1611	TRA - TRA - Backfilling external TSA-1 to TSA-5 & sheet pile extraction	6d	13-Jan-15 A	07-Feb-15	14d												
1612	TRA - Concrete profile barrier and backfilling internal TSA-1 to TSA-5	21d	20-Jan-15	12-Feb-15	10d												
1613	TRA - Drainage construction (3 gullies & 1 manhole)	8d	13-Feb-15	28-Feb-15	10d												
2440	TRA - Road Pavement & Finishes	10d	02-Mar-15	12-Mar-15	10d												
Elevated Layby at Rumsey Street Flyover East Bound																	
Bridge Structure																	
2880	RSFLB - Demolish Existing Parapet & Construct Stitch	18d	20-Jan-15	09-Feb-15	221d												
2770	RSFLB - Pier E1/E2 Bridge Deck	36d	10-Feb-15	30-Mar-15	221d												
2780	RSFLB - Construct Parapet	18d	31-Mar-15	24-Apr-15	221d												
SECTION 7, 7A, 7B & 7C - LANDSCAPE ESTABLISHMENT																	
4030	EST - Portion V Landscape Establishment	365d	20-Jan-15	19-Jan-16	-77d												
4070	EST - Portion VA Landscape Establishment	365d	20-Jan-15	19-Jan-16	-77d												
4020	EST - Portion IVD Landscape Establishment	365d	10-Mar-15	08-Mar-16	-126d												
4050	EST - Portion IVE Landscape Establishment	365d	10-Mar-15	08-Mar-16	-126d												
4060	EST - Portion IVG Landscape Establishment	365d	10-Mar-15	08-Mar-16	-126d												
4010	EST - Portion IVA Landscape Establishment	365d	27-Mar-15	25-Mar-16	-143d												
INTERFACING WORKS																	
Interfacing with CWB(RW)																	
4215	INT - Section 3B - Joint Inspection & Handover to CWB(RW)	14d	27-Jan-14 A	20-Jan-15	-326d												
4210	INT - Section 4A - Joint Inspection & Handover to CWB(RW)	14d	20-Jan-15	02-Feb-15	-227d												
4230	INT - Section 3A - Joint Inspection & Handover to CWB(RW)	14d	20-Jan-15	02-Feb-15	-157d												
4220	INT - Section 4 - Joint Inspection & Handover to CWB(RW)	14d	27-Mar-15	09-Apr-15	-129d												
4225	INT - Section 5 - Joint Inspection & Handover to CWB(RW)	14d	02-Apr-15	15-Apr-15	-69d												
Key Dates for Completion of Sections																	

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

Leighton Contractors (Asia) Limited Programme Update 52 (January 2015) THREE MONTH ROLLING

Project ID: U052
Baseline: DCP7-2c
Layout: Update Three Month Rolling U052
Page 5 of 6

Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015											
						Jan			Feb			Mar			Apr		
Anticipated Completion																	
1074	KD9 - Anticipated Completion (EOT 66 days added)	0d		01-Apr-15*	-83d	◆											
1064	KD6 - Anticipated Completion	0d		15-Apr-15*	-163d	◆											
Contract Required Completion																	
1075	KD9 - Section 5 Complete (DAY-1505) - (EOT 66 days added)	0d		20-Jan-15*	-11d	◆											
1085	KD3 - Section 3 Complete (DAY-1600) - (EOT 26.5 days added)	0d		05-Mar-15*	0d	▲											
Portion Handover Dates																	
Anticipated Handover																	
2910	Portion IIIC Handover (KD5 + 28 days)	0d		20-Jan-15*	-326d	◆											
2925	Portion IIIB Handover (KD4 + 28 days)	0d		02-Feb-15*	-157d	◆											
2915	Portion IVB Handover (KD7 + 28 days)	0d		02-Feb-15*	-227d	◆											
2920	Portion IVH Handover (KD7 + 28 days)	0d		02-Feb-15*	-227d	◆											
Contract Required Handover																	
3027	Portion IIIB Handover (KD4 + 28 days)	0d		20-Jan-15*	-143d	◆											
3020	Portion IIIC Handover (KD5 + 28 days)	0d		20-Jan-15*	-325d	◆											
3030	Portion IVA Handover (KD6 + 28 days)	0d		20-Jan-15*	-49d	◆											
3025	Portion IVB Handover (KD7 + 28 days)	0d		20-Jan-15*	-213d	◆											
3060	Portion IVD Handover (KD6 + 28 days)	0d		20-Jan-15*	-49d	◆											
3070	Portion IVE Handover (KD6 + 28 days)	0d		20-Jan-15*	-49d	◆											
3090	Portion IVG Handover (KD6 + 28 days)	0d		20-Jan-15*	-49d	◆											
3010	Portion IVH Handover (KD7 + 28 days)	0d		20-Jan-15*	-213d	◆											
3092	Portion V Handover (KD9 + 28 days) - EOT 66 days added	0d		16-Feb-15*	-11d	▲											
3094	Portion VA Handover (KD9 + 28 days) - EOT 66 days added	0d		16-Feb-15*	-11d	▲											
3095	Portion IIIA Handover (KD3 + 28 days) - (EOT 26.5 days added)	0d		02-Apr-15*	0d	▲											

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

Leighton Contractors (Asia) Limited

Programme Update 52 (January 2015)

THREE MONTH ROLLING

Project ID: U052
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U052
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Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014	2015				
							Jan	Feb	Mar	Apr	
Update 2015-01-20 CWB(CC) - Commissioning Contract (IWPC)											
PRELIMINARIES AND GENERAL REQUIREMENTS											
Salient Key Dates and Milestones											
Possession Dates and Vacation Dates											
PO-XI	Possession of Portion XI (Day 296)	1033d	21-Dec-14 A	18-Oct-17	0d						
PO-Ilc	Possession of Portion Ilc (Day 336)	993d	30-Jan-15	18-Oct-17	0d						
PO-Ilb	Possession of Portion Ilb (Day 336)	993d	30-Jan-15	18-Oct-17	0d						
PO-IXa	Possession of Portion IXa (Day 392)	937d	27-Mar-15	18-Oct-17	0d						
Submissions and Approvals											
Initial General Submission											
10168	Submission of CMC 3DVR	30d	20-Jan-15	18-Feb-15	880d						
1210	Submission of 1st Construction video film	0d		31-Jan-15*	0d						
9932	Submission of 1st Project video film Video1 / Video2 (Release II)	0d		31-Jan-15*	0d						
Programme											
1142	Review and comment of Works Programme (Rev.1)	30d	27-Nov-14 A	29-Dec-14 A							
12878	Prepare Works Programme (Rev.2)	21d	30-Dec-14 A	21-Jan-15	37d						
12880	Submission of Works Programme (Rev.2)	0d		21-Jan-15	26d						
12882	Review and comment of Works Programme (Rev.2)	30d	22-Jan-15	20-Feb-15	37d						
Specified Plans											
1172	Submission of a Traffic management Contingency Plan	90d	20-Jan-15	19-Apr-15	836d						
Project Wide EPD Permits & Licenses											
1148	EPD - Submit Registration as Chem Waste Producer	14d	20-Jan-15	02-Feb-15	55d						
1150	EPD - Apply & obtain Dumping Permit	28d	20-Jan-15	16-Feb-15	41d						
1152	EPD - Grant Discharge License for Effluent	60d	20-Jan-15	20-Mar-15	9d						
1154	EPD - Apply obtain Construction Noise Permit	28d	20-Jan-15	16-Feb-15	41d						

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

Leighton Contractors (Asia) Limited

Programme Update 11 (January 2015)

THREE MONTH ROLLING

Project ID: H2613-U011
 Baseline: IWPC
 Layout: Update Three Month Rolling U011
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Date	Revision	Checked	Appro...
20-Dec-14	U010	AT	CW
20-Jan-15	U011	AT	CW

Data Date: 20-Jan-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				
						Jan	Feb	Mar	Apr	
DETAILED DESIGN OF WORKS										
Temporary Works Design and Engineering										
Falsework and Formwork Design										
10072	Falsework & Formwork- Submission to AECOM (review / approval)	30d	01-Aug-14 A	30-Dec-14 A						
Temporary Support for EVS										
10080	Temporary support for EVS - Design & approval (Subject to further breakdown when necessary)	30d	23-Jan-15*	05-Mar-15	194d					
Permanent Works Design and Engineering										
Metal Roof on WVB										
2178	WVB Roof - Finalise detailed design submission and ICE Checks & issue Check Certificate	24d	02-Aug-14 A	21-Jan-15	16d					
2180	WVB Roof - Engineer Approval; Consent to Proceed Construction	24d	27-Nov-14 A	26-Jan-15	12d					
Green Roof on EVB										
2154	EVB Roof - Prepare Preliminary Design and Submission	48d	20-Jan-15	23-Mar-15	13d					
2156	EVB Roof - Finalise preliminary design and ICE Review	24d	24-Mar-15	24-Apr-15	13d					
Architectural Feature for EVS										
2140	EVS - Prepare Preliminary Design and Submission	48d	20-Jan-15	23-Mar-15	11d					
2142	EVS - Finalise preliminary design and ICE Review	24d	24-Mar-15	24-Apr-15	11d					
Tunnel Ventilation System (TVS)										
2042	TVS - Finalise preliminary design and ICE Review	48d	29-Aug-14 A	05-Feb-15	81d					
2046	TVS - Submit design to Engineer for review & approval	48d	01-Sep-14 A	05-Feb-15	81d					
2048	TVS - Prepare the Detailed Design submission	18d	20-Jan-15	09-Feb-15	81d					
2044	TVS - Final submission to Engineer with ICE Certificate	0d		05-Feb-15	81d					
2050	TVS - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	10-Feb-15	30-Mar-15	81d					
2052	TVS - Engineer Approval; Consent to Proceed Construction	24d	31-Mar-15	02-May-15	81d					
Air Purification System (APS)										
10152	APS - Submit Sub systems Design to Engineer for review & approval	12d	20-Sep-14 A	03-Feb-15	18d					

<ul style="list-style-type: none"> ◆ Current Milestone Level of Effort ▲ Baseline Milestone Actual Work 	<ul style="list-style-type: none"> Critical Remaining Work Remaining Work Project Baseline
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Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

Project ID: H2613-U011
 Baseline: IWPC
 Layout: Update Three Month Rolling U011
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Date	Revision	Checked	Appro...
20-Dec-14	U010	AT	CW
20-Jan-15	U011	AT	CW

Data Date: 20-Jan-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Jan	Feb	Mar	Apr
2342	APS - FAT ESP	60d	04-Feb-15	28-Apr-15	18d				
2344	APS - FAT DeNO2	60d	04-Feb-15	28-Apr-15	18d				
Tunnel and Approach Road Lighting System									
2072	LS - Submit design to Engineer for review & approval	48d	14-Jul-14 A	02-Feb-15	203d				
2074	LS - Prepare the Detailed Design submission	18d	06-Oct-14 A	07-Feb-15	198d				
2076	LS - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	09-Feb-15	28-Mar-15	198d				
2078	LS - Engineer Approval; Consent to Proceed Construction	24d	30-Mar-15	30-Apr-15	198d				
Central Control and Monitoring System (CCMS) and ELV System									
2086	CCMS - Submit design to Engineer for review & approval	48d	01-Sep-14 A	02-Feb-15	198d				
2088	CCMS - Prepare the Detailed Design submission	18d	22-Sep-14 A	07-Feb-15	193d				
2094	CCMS - Final submission to Engineer with ICE Certificate	0d		20-Jan-15	210d				
2090	CCMS - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	09-Feb-15	28-Mar-15	193d				
2092	CCMS - Engineer Approval; Consent to Proceed Construction	24d	30-Mar-15	30-Apr-15	193d				
Traffic Control and Surveillance System (TCSS)									
10188	TCSS - System description (Overview) (DRAFT) submission to Engineer & approval	30d	21-May-14 A	22-Jan-15	100d				
2100	TCSS - Submit design to Engineer for review & approval	48d	26-Jun-14 A	11-Feb-15	131d				
2102	TCSS - Prepare the Detailed Design submission	18d	06-Oct-14 A	11-Feb-15	131d				
10190	TCSS - System description (Overview) (FINAL) and submission	30d	23-Jan-15	05-Mar-15	100d				
2104	TCSS - Finalise detailed design submission and ICE Checks & issue Check Certificate	18d	12-Feb-15	11-Mar-15	131d				
10192	TCSS - System description (Overview) (FINAL) submission to Engineer & approval	30d	06-Mar-15	14-Apr-15	100d				
2098	TCSS - Finalise Preliminary design and ICE Review	30d	15-Apr-15	20-May-15	100d				
Electrical System									
2114	ES - Submit design to Engineer for review & approval	48d	25-Jun-14 A	02-Feb-15	25d				
2116	ES - Prepare the Detailed Design submission	18d	19-Aug-14 A	02-Feb-15	25d				
2118	ES - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	18-Sep-14 A	02-Feb-15	25d				

- ◆ Current Milestone
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- ▬ Actual Work

Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

Project ID: H2613-U011
 Baseline: IWPC
 Layout: Update Three Month Rolling U011
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Date	Revision	Checked	Appro...
20-Dec-14	U010	AT	CW
20-Jan-15	U011	AT	CW

Data Date: 20-Jan-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2015											
						Jan	Feb	Mar	Apr								
2120	ES - Engineer Approval; Consent to Proceed Construction	24d	03-Feb-15	09-Mar-15	25d	[Gantt bar: 03-Feb-15 to 09-Mar-15]											
Building Services System																	
2124	BS - Prepare Preliminary Design and Submission	60d	23-May-14 A	24-Jan-15	7d	[Gantt bar: 23-May-14 to 24-Jan-15]											
2128	BS - Submit design to Engineer for review & approval	48d	08-Jul-14 A	26-Jan-15	6d	[Gantt bar: 08-Jul-14 to 26-Jan-15]											
2130	BS - Prepare the Detailed Design submission	18d	14-Aug-14 A	26-Jan-15	6d	[Gantt bar: 14-Aug-14 to 26-Jan-15]											
2126	BS - Finalise Preliminary design and ICE Review	48d	30-Aug-14 A	26-Jan-15	6d	[Gantt bar: 30-Aug-14 to 26-Jan-15]											
2136	BS - Final submission to Engineer with ICE Certificate	0d		26-Jan-15	6d	[Milestone diamond: 26-Jan-15]											
2132	BS - Finalise detailed design submission and ICE Checks & issue Check Certificate	24d	27-Jan-15	02-Mar-15	6d	[Gantt bar: 27-Jan-15 to 02-Mar-15]											
2134	BS - Engineer Approval; Consent to Proceed Construction	24d	03-Mar-15	30-Mar-15	24d	[Gantt bar: 03-Mar-15 to 30-Mar-15]											
PROCUREMENT, MANUFACTURING & DELIVERIES																	
Procurement; Manufacturing; Deliveries																	
Metal Roof on WVB																	
Shop Drawings																	
2214	WVB Roof - Shop Drawings development & review	60d	27-Jan-15	27-Mar-15	14d	[Gantt bar: 27-Jan-15 to 27-Mar-15]											
2216	WVB Roof - Obtain Approval for Shop Drawings	0d		27-Mar-15	14d	[Milestone diamond: 27-Mar-15]											
Procurement & Fabrication																	
2218	WVB Roof - Confirm design of embed items	0d	28-Mar-15		14d	[Milestone diamond: 28-Mar-15]											
2220	WVB Roof - Embed fabrication & delivery	30d	28-Mar-15	26-Apr-15	14d	[Gantt bar: 28-Mar-15 to 26-Apr-15]											
Air Purification System (APS)																	
Shop Drawings																	
2346	APS - Detail Design SEM Dwgs (Building Works)	30d	15-Jul-14 A	03-Feb-15	149d	[Gantt bar: 15-Jul-14 to 03-Feb-15]											
Tunnel and Approach Road Lighting System																	
Shop Drawings																	
2272	LS - Shop Drawings development & review	30d	29-Mar-15	27-Apr-15	245d	[Gantt bar: 29-Mar-15 to 27-Apr-15]											
Central Control and Monitoring System (CCMS) and ELV System																	

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

Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

Project ID: H2613-U011
 Baseline: IWPC
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Date	Revision	Checked	Appro...
20-Dec-14	U010	AT	CW
20-Jan-15	U011	AT	CW

Data Date: 20-Jan-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

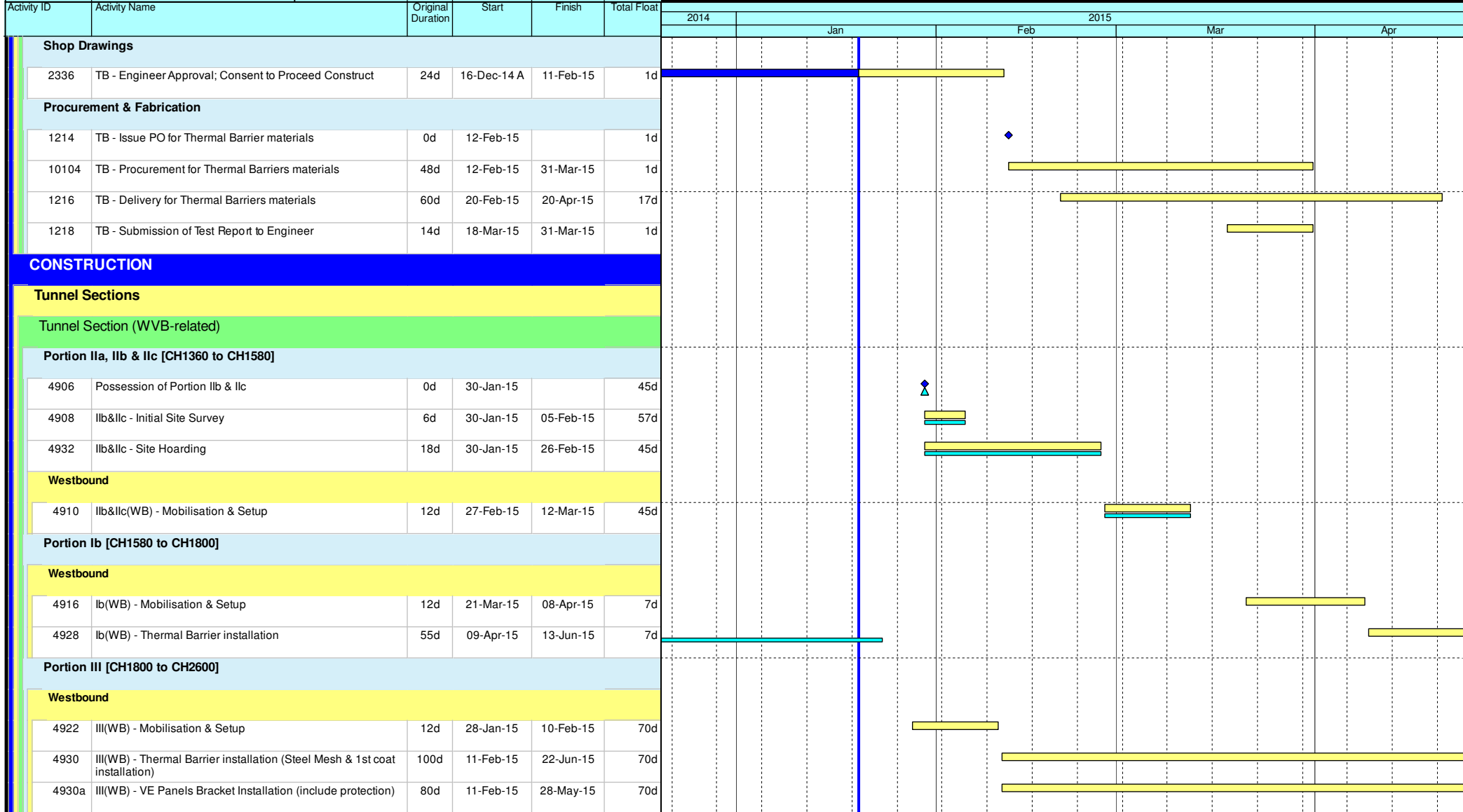
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart												
						2014	2015			2015			2015			2015		
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Shop Drawings																		
2280	CCMS - Shop Drawings development & review	24d	29-Mar-15	21-Apr-15	243d													
Traffic Control and Surveillance System (TCSS)																		
Shop Drawings																		
2288	TCSS - Shop Drawings development & review	60d	03-Jun-14 A	18-Feb-15	211d													
2290	TCSS - Obtain Approval for Shop Drawings	0d		18-Feb-15	211d													
Electrical System																		
Shop Drawings																		
2296	ES - Shop Drawings development & review	90d	16-Jun-14 A	10-Mar-15	33d													
2298	ES - Obtain Approval for Shop Drawings	0d		10-Mar-15	33d													
Procurement & Fabrication																		
2300	ES - Issue PO for all HV switchboards and transformers	0d	11-Mar-15		33d													
2320	ES - Issue PO for all LV switchboards and motor control centres	0d	11-Mar-15		33d													
2324	ES - Issue PO for all Generators	0d	11-Mar-15		33d													
10096	ES - Procurement for all HV switchboards and transformers materials & equipments	90d	11-Mar-15	08-Jun-15	33d													
10098	ES - Procurement for all LV switchboards and MCC, materials & equipments	90d	11-Mar-15	08-Jun-15	33d													
10100	ES - Procurement for all Generators, materials & equipments	90d	11-Mar-15	08-Jun-15	33d													
2302	ES - Delivery for all HV switchboards and transformers materials & equipments	90d	10-Apr-15	08-Jul-15	33d													
2322	ES - Delivery for all LV switchboards and MCC, materials & equipments	90d	10-Apr-15	08-Jul-15	33d													
2326	ES - Delivery for all Generators, materials & equipments	90d	10-Apr-15	08-Jul-15	33d													
Building Services System																		
Shop Drawings / CSD / CBWD																		
2304	BS(WVB) - Shop Drawings, CSD & CBWD development & review	54d	03-Mar-15	25-Apr-15	7d													
2316	BS(EVB) - Shop Drawings, CSD & CBWD development & review	54d	02-Apr-15	25-May-15	7d													
Thermal Barriers																		

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

Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

Project ID: H2613-U011
 Baseline: IWPC
 Layout: Update Three Month Rolling U011
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Date	Revision	Checked	Appro...
20-Dec-14	U010	AT	CW
20-Jan-15	U011	AT	CW



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

Leighton Contractors (Asia) Limited

Programme Update 11 (January 2015)

THREE MONTH ROLLING

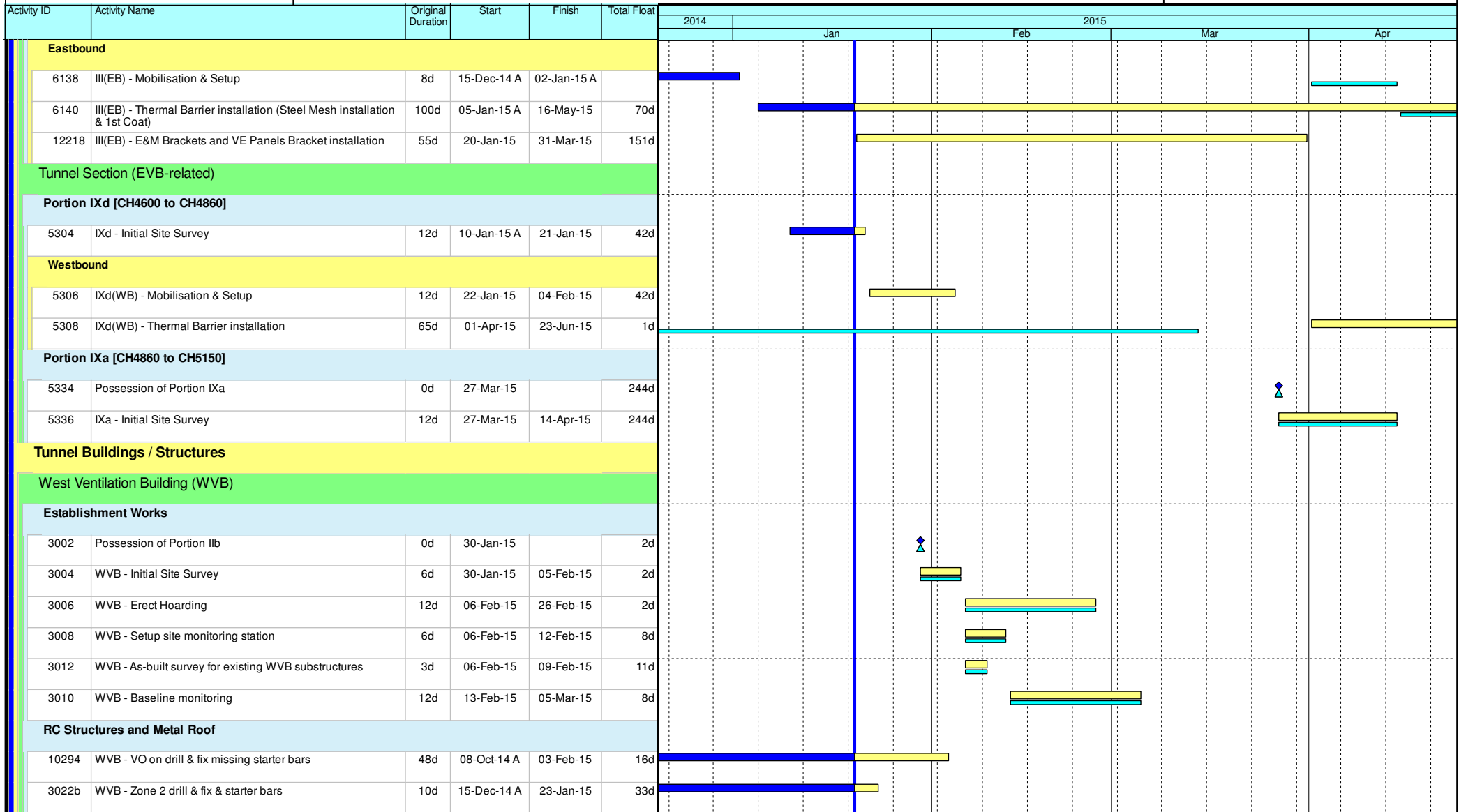
Project ID: H2613-U011
 Baseline: IWPC
 Layout: Update Three Month Rolling U011
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Date	Revision	Checked	Appro...
20-Dec-14	U010	AT	CW
20-Jan-15	U011	AT	CW

Data Date: 20-Jan-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.



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

Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

Project ID: H2613-U011
 Baseline: IWPC
 Layout: Update Three Month Rolling U011
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Date	Revision	Checked	Appro...
20-Dec-14	U010	AT	CW
20-Jan-15	U011	AT	CW

Data Date: 20-Jan-15

CWV(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015																
						2014			Jan			Feb			Mar			Apr				
						Jan	Feb	Mar	Jan	Feb	Mar	Jan	Feb	Mar	Jan	Feb	Mar					
3022a	WVB - Zone 3 G/F slab concreting	1d	12-Jan-15 A	12-Jan-15 A																		
3022c	WVB - Zone 1 backfilling for G/F slab	4d	24-Jan-15	28-Jan-15	33d																	
3020	WVB - Mobilisation & setup	12d	27-Feb-15	12-Mar-15	2d																	
3022	WVB - Construct G/F Beams and Slabs	34d	13-Mar-15	25-Apr-15	2d																	
10130	WVB - Temporary supports at tunnel portal for metal roof	50d	13-Mar-15	15-May-15	45d																	
3024	WVB - Construct Beams and Slabs upto GM/F	24d	08-Apr-15	06-May-15	2d																	
3026	WVB - Construct Beams and Slabs upto 1/F	47d	15-Apr-15	10-Jun-15	2d																	
East Ventilation Shaft (EVS)																						
Establishment Works																						
3800	Possession of Portion XI	0d	21-Dec-14 A																			
3802	EVS - Initial Site Survey	6d	20-Jan-15	26-Jan-15	197d																	
3804	EVS - Erect Hoarding	12d	27-Jan-15	09-Feb-15	209d																	
3806	EVS - Setup site monitoring station	12d	27-Jan-15	09-Feb-15	197d																	
3816	EVS - As-built survey for existing EVS substructures	6d	27-Jan-15	02-Feb-15	197d																	
3808	EVS - Baseline monitoring	12d	10-Feb-15	02-Mar-15	197d																	
RC Structures and Metal Roof																						
3810	EVS - Mobilisation & setup	6d	27-Jan-15	02-Feb-15	197d																	
3812	EVS - Blinding for EVS base slab	18d	03-Feb-15	02-Mar-15	197d																	
3814	EVS - Construct RC Structures from top slab of EV Adit upto G/ F +5.2mPD	24d	06-Mar-15	02-Apr-15	194d																	
3818	EVS - Construct RC Structures upto R/F +8.2mPD	24d	08-Apr-15	06-May-15	194d																	

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

Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

Project ID: H2613-U011
 Baseline: IWPC
 Layout: Update Three Month Rolling U011
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Date	Revision	Checked	Appro...
20-Dec-14	U010	AT	CW
20-Jan-15	U011	AT	CW

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																			
						January				February				March				April				May			
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03		
3MRP - Jan 2015 to April 2015																									
02 - PRE-CONSTRUCTION WORKS																									
02.3 - Method Statement / Shop Drawings																									
0230-1380	MS Landscape Deck Structure - Submission	28	08-Feb-15	07-Mar-15	893																				
0230-1390	MS Landscape Deck Structure - ER Review & Comment	28	08-Mar-15	04-Apr-15	893																				
0230-1400	MS Landscape Deck Structure - Resubmission	28	05-Apr-15	02-May-15	893																				
0230-1450	MS Permanent Noise Barrier Cantilever - No Adverse Comment	3	19-Aug-14 A	22-Jan-15	63																				
0230-1611	MS Noise Semi Enclosure - Submission	60	19-Feb-15	19-Apr-15	276																				
0230-1612	MS Noise Semi Enclosure - ER Review / Comment	28	20-Apr-15	17-May-15	276																				
0230-1670	MS Approach Ramp - ER Review & Comment	28	20-Jan-15	16-Feb-15	0																				
0230-1680	MS Approach Ramp - Resubmission	28	17-Feb-15	16-Mar-15	0																				
0230-1690	MS Approach Ramp - ER Approval	28	17-Mar-15	13-Apr-15	0																				
A10060	MS for Demolition of Bulkhead Wall at interface C15 & C19 - Resubmission	0	21-Dec-14 A	31-Dec-14 A																					
A10070	MS for Demolition of Bulkhead Wall at interface C15 & C19 - ER No Adverse Comment	10	01-Jan-15 A	29-Jan-15	5																				
A10090	MS for Partition Walls and outstanding columns at APS Basement - ER Review & Comment	0	11-Dec-14 A	31-Dec-14 A																					
A10100	MS for Partition Walls and outstanding columns at APS Basement - Resubmission	6	01-Jan-15 A	25-Jan-15	22																				
A10110	MS for Partition Walls and outstanding columns at APS Basement - ER No Adverse Comment	18	26-Jan-15	12-Feb-15	22																				
A10380	MS for Temporary Steel Tower under existing W/B BrigdeADB Ground Beam & Pile C	0	16-Nov-14 A	19-Jan-15 A																					
A5910	MS for Temporary Steel Tower under existing W/B Brigde - Submission	0	20-Jan-15 A	20-Jan-15	71																				
A5920	MS for Temporary Steel Tower under existing W/B Brigde - ER Review & Comment	12	20-Jan-15	31-Jan-15	71																				
A5930	MS for Temporary Steel Tower under existing W/B Brigde - Resubmission	6	01-Feb-15	06-Feb-15	71																				
A5940	MS for Temporary Steel Tower under existing W/B Brigde - ER No Adverse Comment	18	07-Feb-15	24-Feb-15	71																				
A5980	MS ADB Ground Beam & Pile Cap - ER No Adverse Comment	0	16-Nov-14 A	19-Jan-15 A																					
A7590	MS Temporary Bridge TA2 - ER No Adverse Comment	8	16-Dec-14 A	27-Jan-15	57																				
A8941	MS for for installation of Temporary JTI sign gantry - ER Review & Comment	0	16-Dec-14 A	31-Dec-14 A																					
A8951	MS for for installation of Temporary JTI sign gantry - Resubmission	0	01-Jan-15 A	10-Jan-15 A																					
A8961	MS for for installation of Temporary JTI sign gantry - ER No Adverse Comment	10	11-Jan-15 A	29-Jan-15	14																				
02.4 - Contractor's Design and Build Items																									
0240-1111	Noise Enclosure Structural Design - No Adverse Comment	6	03-Aug-14 A	25-Jan-15	57																				
0240-1113	Noise Enclosure Structural - Shop Drawings	30	02-Jan-14 A	18-Feb-15	191																				
0240-1137	Noise Barrier Panel - Design No Adverse Comment	0	13-Aug-14 A	15-Jan-15 A																					
0240-1170	HGHK Permanent Carpark Design - Prep & Submit	80	20-Jan-15*	09-Apr-15	11																				
0240-1180	HGHK Permanent Carpark Design - ER/HGHK Review and Comment	80	10-Apr-15	28-Jun-15	11																				
0240-1270	Landscaping Design - Submission	90	20-Jan-15*	19-Apr-15	758																				
0240-1280	Landscaping Design - ER Review/Resubmission	42	20-Apr-15	31-May-15	758																				
A5890	Temp Bridge "TA2" Design (Foundation & Structure) - ER No Adverse Comment	4	01-Dec-14 A	24-Jan-15	44																				
A5900	Temp Bridge "TA2" - Fabrication	24	01-Dec-14 A	12-Feb-15	44																				
A8981	Design for Trial Panels > Green Roof & Wall- Resubmission	0	16-Dec-14 A	31-Dec-14 A																					

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Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																			
						January				February				March				April				May			
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03		
A8991	Design for Trial Panels > Green Roof & Wall- ER No Adverse Comment	21	20-Jan-15	09-Feb-15	19																				
A9001	Design for Trial Panels > Green Roof & Wall - Fabrication	48	10-Feb-15	29-Mar-15	19																				
A9010	Green Roof & Wall Minimum 2 years Establishment	660	07-Apr-15*	14-Jun-17	10																				
02.5 - Bridge Segment/Beam Off-site Precasting																									
0250-1720.17	Precast Beam Bridge C1 2021-A	0	02-Dec-14 A	30-Dec-14 A																					
0250-1720.18	Precast Beam Bridge C1 2021-B	18	20-Jan-15	06-Feb-15	5																				
0250-1720.19	Precast Beam Bridge C1 2021-C	18	07-Feb-15	24-Feb-15	88																				
0250-1720.20	Precast Beam Bridge C1 2122-A	18	25-Feb-15	14-Mar-15	88																				
0250-1720.21	Precast Beam Bridge C1 2122-B	18	15-Mar-15	01-Apr-15	88																				
0250-1720.22	Precast Beam Bridge C1 2122-C	18	20-Jan-15	06-Feb-15	5																				
0250-1720.23	Precast Beam Bridge C1 2122-D	18	07-Feb-15	24-Feb-15	88																				
0250-1720.25	Precast Beam Bridge C1 2122-E	18	25-Feb-15	14-Mar-15	88																				
0250-1720.26	Precast Beam Bridge C1 2122-F	18	15-Mar-15	01-Apr-15	88																				
0250-1720.27	Precast Beam Bridge E E3E2-A	18	07-Feb-15	24-Feb-15	5																				
0250-1720.28	Precast Beam Bridge E E3E2-B	18	25-Feb-15	14-Mar-15	5																				
0250-1720.29	Precast Beam Bridge E E3E2-C	18	15-Mar-15	01-Apr-15	5																				
0250-1720.30	Precast Beam Bridge E E4E3-A	18	02-Apr-15	19-Apr-15	5																				
0250-1720.31	Precast Beam Bridge E E4E3-B	18	20-Apr-15	07-May-15	5																				
0250-2040	Bridg C2 Pier 23 T-span Segment Off-site Casting (13 nos.)	5	06-Dec-14 A	24-Jan-15	8																				
0250-2050	Bridg C2 Pier 25 End-span Segment Off-site Casting (6 nos.)	0	26-Nov-14 A	29-Dec-14 A																					
0250-2070	Bridg F1C Pier 36 T-span Segment Off-site Casting (13 nos.)	31	24-Jan-15	24-Feb-15	8																				
0250-2080	Bridg F1C Pier 37 T-span Segment Off-site Casting (11 nos.)	27	24-Feb-15	23-Mar-15	8																				
0250-2090	Bridg F1C Abut D12 End-span Segment Off-site Casting (7 nos.)	22	20-Jan-15	10-Feb-15	22																				
0250-2100	Bridg F1C Pier 38 End-span Segment Off-site Casting (6 nos.)	19	11-Feb-15	01-Mar-15	25																				
0250-2110	Bridg F2C Pier 39 T-span Segment Off-site Casting (13 nos.)	31	23-Mar-15	23-Apr-15	8																				
0250-2120	Bridg F2C Pier 38 End-span Segment Off-site Casting (5 nos.)	16	02-Mar-15	17-Mar-15	25																				
0250-2130	Bridg F2C Pier 40 End-span Segment Off-site Casting (5 nos.)	16	18-Mar-15	02-Apr-15	25																				
0250-2160	Bridg F3C Pier 40 End-span Segment Off-site Casting (5 nos.)	16	03-Apr-15	18-Apr-15	25																				
0250-2170	Bridg F3C Pier 43 End-span Segment Off-site Casting (6 nos.)	19	19-Apr-15	07-May-15	25																				
03 - PRELIMINARY WORKS																									
03.3 - Interface Works																									
0330-1100	Temporary Relocate FEHD On top of Tunnel (Portion IA)	12	12-Feb-15	28-Feb-15	63																				
0330-1101	Works at FEHD Permanent Depot (Stage 2)	100	21-Mar-15	22-Jul-15	46																				
A7630	Relocation of Cu-De-Sac at Oil Street > Junk Collector	81	02-Feb-15	15-May-15	50																				
A9190	Fabrication of JTI Gantry	0	01-Dec-14 A	19-Jan-15 A																					
A9200	Installation of JTI Gantry	44	20-Jan-15	14-Mar-15	12																				
05 - SECTION 2 & 2A OF THE WORKS																									
05.1 - Cut & Cover Tunnel Ch 4855-4932 (APS Footprint)																									

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Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																				
						January				February				March				April				May				
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03			
05.1.1 - D-Wall Construction																										
A5990	D-Wall Interface Coring	14	20-Jan-15*	04-Feb-15	14																					
A6000	D-Wall Grouting/Pressure Grouting	3	05-Feb-15	07-Feb-15	14																					
05.1.2 - ELS																										
0512-1275	Middle Lev. Bay 14 (Break Permanent Bulkhead Wall)	0	10-Dec-14 A	12-Jan-15 A																						
05.1.3 - APS & Tunnel Structure																										
0513-1316	APS Bay 17 Col - (Reb. Fix + Concrete)	12	27-Feb-15	13-Mar-15	63																					
0513-1400	Tunnel Bay 17- Base Slab - (Reb. Fix + Concrete)-Lower Portion	0	15-Dec-14 A	26-Dec-14 A																						
0513-1410	Tunnel Bay 17 - Base Slab - (Reb. Fix + Concrete)-Upper Portion	0	16-Dec-14 A	11-Jan-15 A																						
0513-1420	Tunnel Bay 17 - Struts Removal	4	12-Jan-15 A	23-Jan-15	3																					
0513-1430	Tunnel Bay 17 - Central Wall - (Reb. Fix)	5	24-Jan-15	29-Jan-15	3																					
0513-1440	Tunnel Bay 17 - Central Wall - (Concrete)	1	30-Jan-15	30-Jan-15	21																					
0513-1450	OHVD Bay 17 - Falseworks	8	24-Jan-15	02-Feb-15	3																					
0513-1460	OHVD + Wall Bay 17 - Steel Fixing	5	03-Feb-15	07-Feb-15	4																					
0513-1470	OHVD + Wall Bay 17 - Concreting	1	08-Feb-15	08-Feb-15	4																					
0513-1480	OHVD + Wall Bay 17 - Curing of Concrete	1	09-Feb-15	09-Feb-15	4																					
0513-1510	Tunnel Bay 17 -Tunnel Roof - Falseworks	8	09-Feb-15	16-Feb-15	4																					
0513-1520	Tunnel Bay 17 -Tunnel Roof - CJ Preparation	4	09-Feb-15	12-Feb-15	9																					
0513-1530	Tunnel Bay 17 -Tunnel Roof - Steel Fixing	6	17-Feb-15	22-Feb-15	4																					
0513-1540	Tunnel Bay 17 -Tunnel Roof - (Concrete)	1	23-Feb-15	23-Feb-15	4																					
0513-1630	Tunnel Bay 18 - Struts Removal	4	15-Jan-15 A	23-Jan-15	3																					
0513-1640	Tunnel Bay 18 - Central Wall - (Reb. Fix)	7	24-Jan-15	31-Jan-15	3																					
0513-1650	Tunnel Bay 18 - Central Wall - (Concrete)	1	02-Feb-15	02-Feb-15	18																					
0513-1660	OHVD Bay 18 - Falseworks	8	24-Jan-15	02-Feb-15	3																					
0513-1670	OHVD + Wall Bay 18 - Steel Fixing	5	03-Feb-15	07-Feb-15	3																					
0513-1680	OHVD + Bay 18 - Concreting	1	08-Feb-15	08-Feb-15	3																					
A3370	OHVD + Wall Bay 18 - Curing of Concrete	1	09-Feb-15	09-Feb-15	3																					
A3400	Tunnel Bay 18 -Tunnel Roof - Falseworks	6	09-Feb-15	16-Feb-15	3																					
A3410	Tunnel Bay 18 -Tunnel Roof - CJ Preparation	6	09-Feb-15	14-Feb-15	9																					
A3420	Tunnel Bay 18 -Tunnel Roof - Steel Fixing	6	16-Feb-15	22-Feb-15	5																					
A3430	Tunnel Bay 18 -Tunnel Roof - (Concrete)	1	23-Feb-15	23-Feb-15	4																					
A3540	OHVD Bay 19	0	22-Dec-14 A	24-Dec-14 A																						
A3550	OHVD Wall Bay	0	26-Dec-14 A	30-Dec-14 A																						
A3560	OHVD + Wall Bay 19 - Curing of Concrete	0	30-Dec-14 A	31-Dec-14 A																						
A3590	Tunnel Bay 19 -Tunnel Roof - Falseworks	0	31-Dec-14 A	06-Jan-15 A																						
A3600	Tunnel Bay 19 -Tunnel Roof - CJ Preparation	0	31-Dec-14 A	08-Jan-15 A																						
A3610	Tunnel Bay 19 -Tunnel Roof - Steel Fixing	0	07-Jan-15 A	20-Jan-15	38																					
A3620	Tunnel Bay 19 -Tunnel Roof - (Concrete)	1	20-Jan-15	21-Jan-15	38																					

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						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03		
A3680	Tunnel Bay 20 - Base Slab - (Reb. Fix + Concrete)-Upper Portion	0	14-Dec-14 A	23-Dec-14 A		- Base Slab - (Reb. Fix + Concrete)-Upper Portion																			
A3690	Tunnel Bay 20 - Struts Removal	0	24-Dec-14 A	07-Jan-15 A		■ Tunnel Bay 20 - Struts Removal																			
A3691	Tunnel Bay 20 - Central Wall - (Reb. Fix)	0	08-Jan-15 A	16-Jan-15 A		■ Tunnel Bay 20 - Central Wall - (Reb. Fix)																			
A3692	Tunnel Bay 20 - Central Wall - (Concrete)	1	20-Jan-15	20-Jan-15	38	■ Tunnel Bay 20 - Central Wall - (Concrete)																			
A3693	OHVD Bay 20 - Falseworks	9	20-Jan-15	28-Jan-15	7	■ OHVD Bay 20 - Falseworks																			
A3694	OHVD + Wall Bay 20 - Steel Fixing	4	29-Jan-15	01-Feb-15	7	■ OHVD + Wall Bay 20 - Steel Fixing																			
A3695	OHVD + Wall Bay 20 - Concreting	1	02-Feb-15	02-Feb-15	7	■ OHVD + Wall Bay 20 - Concreting																			
A3696	OHVD Bay 20 - Curing of Concrete	1	03-Feb-15	03-Feb-15	7	■ OHVD Bay 20 - Curing of Concrete																			
A3790	Tunnel Bay 20 -Tunnel Roof - Falsework/Formworks	6	04-Feb-15	09-Feb-15	7	■ Tunnel Bay 20 -Tunnel Roof - Falsework/Formworks																			
A3791	Tunnel Bay 20 -Tunnel Roof - CJ Preparation	5	04-Feb-15	08-Feb-15	18	■ Tunnel Bay 20 -Tunnel Roof - CJ Preparation																			
A3800	Tunnel Bay 20 -Tunnel Roof - Steel Fixing	6	09-Feb-15	16-Feb-15	6	■ Tunnel Bay 20 -Tunnel Roof - Steel Fixing																			
A3810	Tunnel Bay 20 -Tunnel Roof - (Concrete)	1	16-Feb-15	17-Feb-15	6	■ Tunnel Bay 20 -Tunnel Roof - (Concrete)																			
A3813	APS Bay 21 Col - (Reb. Fix + Concrete)	12	23-Feb-15	06-Mar-15	85	■ APS Bay 21 Col - (Reb. Fix + Concrete)																			
A3860	Tunnel Bay 21- Base Slab - (Reb. Fix + Concrete)-Lower Portion	0	06-Dec-14 A	13-Jan-15 A		■ Tunnel Bay 21- Base Slab - (Reb. Fix + Concrete)-Lower Portion																			
A3861	Tunnel Bay 21 - Base Slab - (Reb. Fix + Concrete)-Upper Portion	2	08-Jan-15 A	21-Jan-15	0	■ Tunnel Bay 21 - Base Slab - (Reb. Fix + Concrete)-Upper Portion																			
A3880	Tunnel Bay 21 - Struts Removal	3	22-Jan-15	24-Jan-15	0	■ Tunnel Bay 21 - Struts Removal																			
A3890	Tunnel Bay 21 - Central Wall - (Reb. Fix)	6	25-Jan-15	30-Jan-15	5	■ Tunnel Bay 21 - Central Wall - (Reb. Fix)																			
A3900	Tunnel Bay 21 - Central Wall - (Concrete)	1	31-Jan-15	31-Jan-15	7	■ Tunnel Bay 21 - Central Wall - (Concrete)																			
A3910	OHVD Bay 21 - Falseworks	9	25-Jan-15	02-Feb-15	5	■ OHVD Bay 21 - Falseworks																			
A3920	OHVD + Wall Bay 21 - Steel Fixing	4	03-Feb-15	06-Feb-15	5	■ OHVD + Wall Bay 21 - Steel Fixing																			
A3930	OHVD + Wall Bay 21 - Concreting	1	07-Feb-15	07-Feb-15	5	■ OHVD + Wall Bay 21 - Concreting																			
A3940	OHVD + Wall Bay 21 - Curing of Concrete	1	07-Feb-15	07-Feb-15	5	■ OHVD + Wall Bay 21 - Curing of Concrete																			
A3970	Tunnel Bay 21 -Tunnel Roof - Falseworks/Formworks	6	08-Feb-15	13-Feb-15	5	■ Tunnel Bay 21 -Tunnel Roof - Falseworks/Formworks																			
A3980	Tunnel Bay 21 -Tunnel Roof - CJ Preparation	7	08-Feb-15	14-Feb-15	5	■ Tunnel Bay 21 -Tunnel Roof - CJ Preparation																			
A3990	Tunnel Bay 21 -Tunnel Roof - Steel Fixing	7	15-Feb-15	21-Feb-15	5	■ Tunnel Bay 21 -Tunnel Roof - Steel Fixing																			
A4000	Tunnel Bay 21 -Tunnel Roof - (Concrete)	1	22-Feb-15	22-Feb-15	5	■ Tunnel Bay 21 -Tunnel Roof - (Concrete)																			
A5414	APS Basement (Bay 21a) - Staircase - Falseworks/Formworks	12	16-Feb-15	04-Mar-15	1	■ APS Basement (Bay 21a) - Staircase - Falseworks/Formworks																			
A5424	APS Basement (Bay 21a) - Staircase - Rebar-Fixing + Concreting	14	05-Mar-15	20-Mar-15	1	■ APS Basement (Bay 21a) - Staircase - Rebar-Fixing + C																			
A5425	APS Basement (Bay 21a) - Partition wall	14	16-Feb-15	06-Mar-15	13	■ APS Basement (Bay 21a) - Partition wall																			
A5426	APS Basement (Bay 21b) - Staircase - Falseworks/Formworks	12	21-Mar-15	07-Apr-15	1	■ APS Basement (Bay 21b) - Stairca																			
A5427	APS Basement (Bay 21b) - Staircase - Rebar-Fixing + Concreting	14	08-Apr-15	23-Apr-15	31	■ APS Basement																			
A5427.1	APS Basement (Bay 21b) - Partition wall	14	21-Mar-15	09-Apr-15	1	■ APS Basement (Bay 21b) - Parti																			
A5427.2	APS Basement (Bay 20) - Partition wall	14	21-Mar-15	09-Apr-15	1	■ APS Basement (Bay 20) - Partiti																			
A5427.3	APS Basement (Bay 19) - Partition wall	14	10-Apr-15	25-Apr-15	1	■ APS Baseme																			
A5454	Vertical Saw Cutting of BHW upper portion @ 2M(H) X 32M(L)	12	24-Jan-15	07-Feb-15	0	■ Vertical Saw Cutting of BHW upper portion @ 2M(H) X 32M(L)																			
A5465	Horizontal Saw Cutting of BHW @ 2M(H) X 32M(L)	7	07-Feb-15	16-Feb-15	0	■ Horizontal Saw Cutting of BHW @ 2M(H) X 32M(L)																			
A5474	Removal of BHW Saw Cutted Blocks at upper portion	12	16-Feb-15	05-Mar-15	0	■ Removal of BHW Saw Cutted Blocks at upper portion																			

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Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																				
						January				February				March					April				May			
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03			
0620-2641	1350mm Drainage MH 9-P to MH 3-1 Stage 2 - Backfill/Extract Sheet Pile	0	15-Jan-15 A	19-Jan-15 A																						
0620-2646	1500mm Drainage MH 3-1 to MH 3-2 - Backfill/Extract Sheet Pile	0	15-Jan-15 A	19-Jan-15 A																						
A9180	In-Situ Testing of Drainage Pipe	14	19-Jan-15 A	04-Feb-15*	42																					
06.3 - Admin Building																										
0630-3119.13	Grd. Beam - Stage 1-(GL > L2-N6) - Loading Test for HP13c	0	10-Dec-14 A	29-Dec-14 A																						
0630-3119.13.1	Grd. Beam - Stage 1-(GL > L2-N6) - Blinding of Cap & Grnd. Beam	2	20-Jan-15	21-Jan-15	93																					
0630-3119.13.2	Grd. Beam - Stage 1-(GL > L2-N6) - Install Capping Plate + weld Test	5	22-Jan-15	27-Jan-15	93																					
0630-3119.14	Grd. Beam - Stage 1-(GL > L2-N6) - Reb Fix + Forworks (Grd. Beam & Pile Cap) > Part1	13	28-Jan-15	09-Feb-15	117																					
0630-3119.15	Grd. Beam - Stage 1-(GL > L2-N6) - Reb Fix + Forworks (Grd. Beam & Pile Cap) > Part2	9	09-Feb-15	23-Feb-15	94																					
0630-3119.16	Grd. Beam - Stage 1-(GL > L2-N6) - Concreting (Grd. Beam & Pile Cap)	1	23-Feb-15	24-Feb-15	94																					
0630-3119.18	Grd. Beam - Stage 1-(GL > L2-N6) - Formworks Removal and Backfill	4	24-Feb-15	28-Feb-15	94																					
0630-3119.2	Grd. Beam - Stage 2-(GL > G2-K6) - Preparation & Divert Waterflow	0	10-Nov-14 A	23-Dec-14 A																						
0630-3119.21	Grd. Beam - Stage 2-(GL > G2-K6) - Excavate G.L to +2.5mPD and Pile Cap B.L to +1.65mPD	0	24-Dec-14 A	17-Jan-15 A																						
0630-3119.22	Grd. Beam - Stage 2-(GL > G2-K6) - Install Capping Plate	9	20-Jan-15	29-Jan-15	71																					
0630-3119.23	Grd. Beam - Stage 2-(GL > G2-K6) - Blinding of Cap & Grnd. Beam	2	30-Jan-15	31-Jan-15	71																					
0630-3119.24	Grd. Beam - Stage 2-(GL > G2-K6) - Rebar Fixing (Grd. Beam & Pile Cap)	5	02-Feb-15	06-Feb-15	71																					
0630-3119.25	Grd. Beam - Stage 2-(GL > G2-K6) - Erect Formworks (Grd. Beam & Pile Cap)	6	07-Feb-15	13-Feb-15	71																					
0630-3119.26	Grd. Beam - Stage 2-(GL > G2-K6) - Concreting (Grd. Beam & Pile Cap)	1	14-Feb-15	14-Feb-15	71																					
0630-3119.27	Grd. Beam - Stage 2-(GL > G2-K6) - Formworks Removal and Backfill	5	16-Feb-15	24-Feb-15	71																					
0630-3119.61	Grd. Beam - Stage A-(GL > D2-F6) - Drive Sheet-Pile Copperdam	0	12-Nov-14 A	16-Jan-15 A																						
0630-3119.62	Grd. Beam - Stage A-(GL > D2-F6) - Excavate to -0.55mPD	2	20-Jan-15	21-Jan-15	41																					
0630-3119.63	Grd. Beam - Stage A-(GL > D2-F6) - Drive Sheet-Pile for 3nos. Sump Pits	4	22-Jan-15	26-Jan-15	41																					
0630-3119.64	Grd. Beam - Stage A-(GL > D2-F6) - Excavate Sump Pits (B.L -1.35,-2.6 & -3.3mPD) + install waling	4	27-Jan-15	30-Jan-15	41																					
0630-3119.65	Grd. Beam - Stage A-(GL > D2-F6) - Install Capping Plate	4	31-Jan-15	04-Feb-15	41																					
0630-3119.66	Grd. Beam - Stage A-(GL > D2-F6) - Blinding of Cap,Grnd. Beam + 3nos.Sump Pits	1	05-Feb-15	05-Feb-15	41																					
0630-3119.67	Grd. Beam - Stage A-(GL > D2-F6) - Water-Proofing	5	06-Feb-15	11-Feb-15	41																					
0630-3119.68	Grd. Beam - Stage A-(GL > D2-F6) - Construct Lower Portion 3nos. Sump-Pit	6	12-Feb-15	18-Feb-15	41																					
0630-3119.69	Grd. Beam - Stage A-(GL > D2-F6) - Remove Waling and Construct upper Portion of Sump Pit	5	23-Feb-15	27-Feb-15	41																					
0630-3119.7	Grd. Beam - Stage A-(GL > D2-F6) - Water-Proofing at Basement	4	28-Feb-15	04-Mar-15	41																					
0630-3119.71	Grd. Beam - Stage A-(GL > D2-F6) - Construct Base-Slab w/ Kicker	4	05-Mar-15	09-Mar-15	41																					
0630-3119.72	Grd. Beam - Stage A-(GL > D2-F6) - Remove Strut	4	10-Mar-15	13-Mar-15	41																					
0630-3119.73	Grd. Beam - Stage A-(GL > D2-F6) - Construct Basement Wall/PC/GB/Column	10	14-Mar-15	25-Mar-15	41																					
0630-3119.74	Grd. Beam - Stage A-(GL > D2-F6) - Formworks, Sheet-Pile Removal and Backfill	5	26-Mar-15	31-Mar-15	41																					
0630-3119.8	Grd. Beam - Stage B-(GL > A1-B6) - Drive Sheet-Pile Copperdam	0	08-Dec-14 A	15-Jan-15 A																						
0630-3119.81	Grd. Beam - Stage B-(GL > A1-B6) - Bulk Excavate G.L to +0.7mPD and install Waling/Strut	6	20-Jan-15	26-Jan-15	44																					
0630-3119.82	Grd. Beam - Stage B-(GL > A1-B6) - Beam Excavation up to +0.2mPD	3	27-Jan-15	29-Jan-15	44																					
0630-3119.83	Grd. Beam - Stage B-(GL > A1-B6) - Pile Cap Excavation up to +0.0mPD and -0.3mPD + Vert/Hor. Blinding	5	30-Jan-15	04-Feb-15	44																					

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						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03		
A7670	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS39b	18	02-Jan-15 A	09-Feb-15	36																		Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS39b		
A7671	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40a	18	10-Feb-15	05-Mar-15	36																		Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40a		
A7672	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40b	18	10-Feb-15	05-Mar-15	36																		Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40b		
A7673	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS41a	18	20-Jan-15	09-Feb-15	54																		Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS41a		
A7680	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS42a	18	20-Jan-15	09-Feb-15	36																		Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS42a		
A7690	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS42b	18	20-Jan-15	09-Feb-15	36																		Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS42b		
A7720	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS44a	0	12-Dec-14 A	10-Jan-15 A																			Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS44a		
A7730	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS44b	0	15-Dec-14 A	10-Jan-15 A																			Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS44b		
A7740	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS45a	0	06-Dec-14 A	20-Jan-15	72																		Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS45a		
A7750	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS45b	0	05-Dec-14 A	05-Jan-15 A																			Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS45b		
A7760	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS46a	0	26-Nov-14 A	27-Dec-14 A																			Wall F Pre-Bored H-Pile - H - Beam + Grout > BS46a		
A7780	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS47a	0	02-Dec-14 A	27-Dec-14 A																			Wall F Pre-Bored H-Pile - H - Beam + Grout > BS47a		
A7800	Complete Pre-Bored H-Pile > Retaining Wall	0		20-Apr-15*	0																		◆ Complete Pre-Bore		
10 - SECTION X OF THE WORKS																									
10.1 - E/B Bridges (Bridge D, E and F)																									
10.1.1 - Marine Pier Construction																									
Pier F03 to F15																									
1011-3274	F1 Dolphin Construction	0	23-Jul-14 A	06-Jan-15 A																			F1 Dolphin Construction		
Pier F01 to F02																									
1011-2900	F1B Pier/Column Construction	12	20-Jan-15	02-Feb-15	664																		F1B Pier/Column Construction		
1011-2910	F1B Crosshead Construction	18	03-Feb-15	26-Feb-15	664																		F1B Crosshead Construction		
1011-2930	Bearing installation pier F1B/F2B	12	27-Feb-15	12-Mar-15	664																		Bearing installation pier F1B/F2B		
10.1.3 - E/B Bridge Construction																									
Bridge F1A																									
1013-1868.2	TTA > Bridge F1A Int. Double Noise Encl. Install Panel (Stage 2 - North)	14	21-Jan-15*	05-Feb-15	0																		TTA > Bridge F1A Int. Double Noise Encl. Install Panel (Stage 2 - North)		
1013-1868.3	Bridge F1A Int. Double Noise Encl. Install Panel (Stage 2 - North)	14	21-Jan-15	05-Feb-15	40																		Bridge F1A Int. Double Noise Encl. Install Panel (Stage 2 - North)		
Bridge F2A																									
1013-1378.2	TTA > Bridge F2A Int. Double Noise Encl. Install Panell (Stage 2 - North)	14	21-Jan-15*	05-Feb-15	0																		TTA > Bridge F2A Int. Double Noise Encl. Install Panell (Stage 2 - North)		
1013-1378.3	Bridge Bridge F2A Int. Double Noise Encl. Install Panel (Stage 2 - North)	14	21-Jan-15	05-Feb-15	50																		Bridge Bridge F2A Int. Double Noise Encl. Install Panel (Stage 2 - North)		
Bridge F5/F4																									
1013-2172.25	Bridge F4 MJ at Pier F14	3	20-Jan-15	22-Jan-15	0																		Bridge F4 MJ at Pier F14		
All E/B Bridges (Common)																									
1013-1720	Permanent Noise Barrier Type B1 E/B Bridge Ch 962-1059 (132m)	5	02-Dec-14 A	30-Jan-15	46																		Permanent Noise Barrier Type B1 E/B Bridge Ch 962-1059 (132m)		
1013-1730	Permanent Noise Barrier Type A1 E/B Bridge Ch 826-962 (136m)	5	05-Dec-14 A	30-Jan-15	46																		Permanent Noise Barrier Type A1 E/B Bridge Ch 826-962 (136m)		
1013-1750	E/B Bridge Sign Gantries and Misc. Mounting Structure/Support	14	20-Sep-14 A	04-Feb-15	42																		E/B Bridge Sign Gantries and Misc. Mounting Structure/Support		
A6150	Permanent Water Mains install E/B > Pier D1 - D3	7	20-Jan-15	27-Jan-15	21																		Permanent Water Mains install E/B > Pier D1 - D3		
A6160	Permanent Water Mains install E/B > Pier D3-D5	7	28-Jan-15	04-Feb-15	21																		Permanent Water Mains install E/B > Pier D3-D5		
A6170	Permanent Water Mains install E/B > Pier D5-D7	7	05-Feb-15	12-Feb-15	21																		Permanent Water Mains install E/B > Pier D5-D7		
A6180	Permanent Water Mains install E/B > Pier D7-D9	7	13-Feb-15	24-Feb-15	21																		Permanent Water Mains install E/B > Pier D7-D9		
A6190	Permanent Water Mains install E/B > Pier D9-D12	7	25-Feb-15	04-Mar-15	21																		Permanent Water Mains install E/B > Pier D9-D12		

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

Contract HY/2009/19

Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																				
						January				February				March				April				May				
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03			
A6300	Temporary Water Mains install Bridge "TD" > Pier F5-F15	10	20-Jan-15	30-Jan-15	26																		Temporary Water Mains install Bridge "TD" > Pier F5-F15			
A6310	Temporary Water Mains install W/B > Pier 45 - 50	10	31-Jan-15	11-Feb-15	26																		Temporary Water Mains install W/B > Pier 45 - 50			
A6320	Temporary Water Mains install E/B > Pier 16 - 20	10	12-Feb-15	26-Feb-15	26																		Temporary Water Mains install E/B > Pier 16 - 20			
A7620	Remaining E/B Bridges Bitumin Paving Works	12	11-Mar-15*	22-Mar-15	0																		Remaining E/B Bridges Bitumin Paving Works			
10.1.4 - Bridge E / Hing Fat Slip Road																										
Pier Construction																										
1014-1240.12	Bridge E (Pier E2 & 18)) - Pile Cap & Pier	0	02-Dec-14 A	24-Dec-14 A																			Bridge E (Pier E2 & 18)) - Pile Cap & Pier			
1014-1240.20	Bridge E (Pier 18) - Const. Crosshead Part 1	0	12-Aug-14 A	02-Jan-15 A																			Bridge E (Pier 18) - Const. Crosshead Part 1			
1014-1240.21	Bridge E (Pier 18) - Const. Crosshead Part 2	0	03-Jan-15 A	18-Jan-15 A																			Bridge E (Pier 18) - Const. Crosshead Part 2			
1014-1249	Bridge E (Pier 17) - Const. Crosshead	0	30-Oct-14 A	12-Jan-15 A																			Bridge E (Pier 17) - Const. Crosshead			
1014-1249.1	Bridge E (Pier E1b - 19) - Connect E1b Crosshead to Pier 19	0	08-Dec-14 A	15-Jan-15 A																			Bridge E (Pier E1b - 19) - Connect E1b Crosshead to Pier 19			
Bridge Construction																										
1014-1210.1	Bridge C1 (Pier 17) - Install Bearing	0	15-Jan-15 A	20-Jan-15	3																		Bridge C1 (Pier 17) - Install Bearing			
1014-1240.2	Bridge E (Pier 19) - Install Bearing	0	16-Jan-15 A	22-Jan-15	0																		Bridge E (Pier 19) - Install Bearing			
1014-1240.3	Bridge E (Pier 18) - Install Bearing	3	19-Jan-15 A	22-Jan-15	0																		Bridge E (Pier 18) - Install Bearing			
1014-1240.4	Bridge E (Pier 18 - 19) - Erect Pre-Cast Beam (4nos)	4	23-Jan-15	27-Jan-15	0																		Bridge E (Pier 18 - 19) - Erect Pre-Cast Beam (4nos)			
1014-1240.5	Bridge E (Pier 19 - D1) - Erect Pre-Cast Beam (4nos)	4	28-Jan-15	31-Jan-15	0																		Bridge E (Pier 19 - D1) - Erect Pre-Cast Beam (4nos)			
1014-1240.6	Bridge E (Pier 17 - 18) - Erect Pre-Cast Beam (2nos)	3	01-Feb-15	03-Feb-15	1																		Bridge E (Pier 17 - 18) - Erect Pre-Cast Beam (2nos)			
A9230	Bridge E (Pier 18-19) - Pre-Cast Planking erection	4	28-Jan-15	31-Jan-15	0																		Bridge E (Pier 18-19) - Pre-Cast Planking erection			
A9240	Bridge E (Pier 18-19) - Erect Scaffoldings & Platform for Diaphragm	5	01-Feb-15	05-Feb-15	1																		Bridge E (Pier 18-19) - Erect Scaffoldings & Platform for Diaphragm			
A9250	Bridge E (Pier 18-19) - Formworks > Diaphragm	4	02-Feb-15	06-Feb-15	7																		Bridge E (Pier 18-19) - Formworks > Diaphragm			
A9251	Bridge E (Pier 18-19) - Erect Scaffoldings & Platform for Cantilever Slab	4	02-Feb-15	05-Feb-15	0																		Bridge E (Pier 18-19) - Erect Scaffoldings & Platform for Cantilever Slab			
A9260	Bridge E (Pier 18-19) - Rebar Fix > Diaphragm + Slab + Pipe install	8	06-Feb-15	14-Feb-15	0																		Bridge E (Pier 18-19) - Rebar Fix > Diaphragm + Slab + Pipe install			
A9270	Bridge E (Pier 18-19) - Formworks > Slab	1	16-Feb-15	16-Feb-15	0																		Bridge E (Pier 18-19) - Formworks > Slab			
A9280	Bridge E (Pier 18-19) - Concreting > Diaphragm + Slab	1	17-Feb-15	17-Feb-15	0																		Bridge E (Pier 18-19) - Concreting > Diaphragm + Slab			
A9300	Bridge E (Pier 18-19) - Hanger Formworks for Stitching	7	18-Feb-15	28-Feb-15	0																		Bridge E (Pier 18-19) - Hanger Formworks for Stitching			
A9310	Bridge E (Pier 18-19) - Stitching > Reb. Fix + Concretin	14	01-Mar-15	14-Mar-15	1																		Bridge E (Pier 18-19) - Stitching > Reb. Fix + Concretin			
A9320	Bridge E (Pier 17 - 18) - Pre-Cast Planking erection	3	03-Feb-15	06-Feb-15	1																		Bridge E (Pier 17 - 18) - Pre-Cast Planking erection			
A9330	Bridge E (Pier 17 - 18) - Erect Scaffoldings & Platform for Diaphragm	5	07-Feb-15	11-Feb-15	1																		Bridge E (Pier 17 - 18) - Erect Scaffoldings & Platform for Diaphragm			
A9340	Bridge E (Pier 17 - 18) - Formworks > Diaphragm	4	07-Feb-15	12-Feb-15	1																		Bridge E (Pier 17 - 18) - Formworks > Diaphragm			
A9350	Bridge E (Pier 17 - 18) - Erect Scaffoldings & Platform for Cantilever Slab	5	07-Feb-15	11-Feb-15	4																		Bridge E (Pier 17 - 18) - Erect Scaffoldings & Platform for Cantilever Slab			
A9360	Bridge E (Pier 17 - 18) - Rebar Fix > Diaphragm + Slab + Pipe install	4	11-Feb-15	14-Feb-15	1																		Bridge E (Pier 17 - 18) - Rebar Fix > Diaphragm + Slab + Pipe install			
A9370	Bridge E (Pier 17 - 18) - Formworks > Slab	1	14-Feb-15	16-Feb-15	0																		Bridge E (Pier 17 - 18) - Formworks > Slab			
A9380	Bridge E (Pier 17 - 18) - Concreting > Diaphragm + Slab	1	16-Feb-15	17-Feb-15	0																		Bridge E (Pier 17 - 18) - Concreting > Diaphragm + Slab			
A9390	Bridge E (Pier 17 - 18) - Hanger Formworks for Stitching	7	17-Feb-15	28-Feb-15	0																		Bridge E (Pier 17 - 18) - Hanger Formworks for Stitching			
A9400	Bridge E (Pier 17 - 18) - Stitching > Reb. Fix + Concretin	14	01-Mar-15	14-Mar-15	1																		Bridge E (Pier 17 - 18) - Stitching > Reb. Fix + Concretin			
A9410	Bridge E (Pier 19 - D1) - Pre-Cast Planking erection	3	02-Feb-15	04-Feb-15	11																		Bridge E (Pier 19 - D1) - Pre-Cast Planking erection			
A9420	Bridge E (Pier 19 - D1) - Erect Scaffoldings & Platform for Diaphragm	5	04-Feb-15	08-Feb-15	8																		Bridge E (Pier 19 - D1) - Erect Scaffoldings & Platform for Diaphragm			

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

Contract HY/2009/19

Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																				
						January				February				March					April				May			
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03			
A8072	Pier 42 Erect Falsework at existing W/B Bridge prior to demolition	0	27-Dec-14 A	31-Dec-14 A		Pier 42 Erect Falsework at existing W/B Bridge prior to demolition																				
A8073	Pier 41 Erect Falsework at existing W/B Bridge prior to demolition	0	01-Jan-15 A	06-Jan-15 A		Pier 41 Erect Falsework at existing W/B Bridge prior to demolition																				
A8074	Pier 40 Erect Falsework at existing W/B Bridge prior to demolition	0	05-Jan-15 A	10-Jan-15 A		Pier 40 Erect Falsework at existing W/B Bridge prior to demolition																				
A8075	Pier 39 Erect Falsework at existing W/B Bridge prior to demolition	0	08-Jan-15 A	13-Jan-15 A		Pier 39 Erect Falsework at existing W/B Bridge prior to demolition																				
A8076	Pier 38 Erect Falsework at existing W/B Bridge prior to demolition	0	12-Jan-15 A	16-Jan-15 A		Pier 38 Erect Falsework at existing W/B Bridge prior to demolition																				
A8077	Pier 37 Erect Falsework at existing W/B Bridge prior to demolition	2	15-Jan-15 A	21-Jan-15	111	Pier 37 Erect Falsework at existing W/B Bridge prior to demolition																				
A8078	Pier 36 Erect Falsework at existing W/B Bridge prior to demolition	5	19-Jan-15 A	26-Jan-15	111	Pier 36 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.1	Pier 28 Erect Falsework at existing W/B Bridge prior to demolition	6	26-Jan-15	31-Jan-15	111	Pier 28 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.11	Pier 29 Erect Falsework at existing W/B Bridge prior to demolition	6	31-Jan-15	06-Feb-15	111	Pier 29 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.12	Pier 30 Erect Falsework at existing W/B Bridge prior to demolition	6	06-Feb-15	12-Feb-15	111	Pier 30 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.13	Pier 31 Erect Falsework at existing W/B Bridge prior to demolition	6	12-Feb-15	18-Feb-15	111	Pier 31 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.14	Pier 32 Erect Falsework at existing W/B Bridge prior to demolition	6	18-Feb-15	27-Feb-15	111	Pier 32 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.15	Pier 33 Erect Falsework at existing W/B Bridge prior to demolition	6	27-Feb-15	05-Mar-15	111	Pier 33 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.16	Pier 34 Erect Falsework at existing W/B Bridge prior to demolition	6	05-Mar-15	11-Mar-15	111	Pier 34 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.17	Pier 35 Erect Falsework at existing W/B Bridge prior to demolition	6	11-Mar-15	17-Mar-15	111	Pier 35 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.18	Pier 17 Erect Falsework at existing W/B Bridge prior to demolition	6	17-Mar-15	23-Mar-15	197	Pier 17 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.19	Pier 26 Erect Falsework at existing W/B Bridge prior to demolition	6	23-Mar-15	28-Mar-15	197	Pier 26 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.2	Pier 25 Erect Falsework at existing W/B Bridge prior to demolition	6	28-Mar-15	07-Apr-15	197	Pier 25 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.21	Pier 24 Erect Falsework at existing W/B Bridge prior to demolition	6	07-Apr-15	13-Apr-15	197	Pier 24 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.22	Pier 23 Erect Falsework at existing W/B Bridge prior to demolition	6	13-Apr-15	18-Apr-15	197	Pier 23 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.3	Pier 22 Erect Falsework at existing W/B Bridge prior to demolition	6	18-Apr-15	24-Apr-15	197	Pier 22 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.4	Pier 21 Erect Falsework at existing W/B Bridge prior to demolition	6	24-Apr-15	30-Apr-15	197	Pier 21 Erect Falsework at existing W/B Bridge prior to demolition																				

10.5 - Temporary Bridge

10.5.1 - Temporary Bridge 'TA'

1051-1019	Temporary Bridge TA2 - Mini-Pile	0	19-Dec-14 A	31-Dec-14 A		Temporary Bridge TA2 - Mini-Pile																				
A9630	(TA21 > C15) - Cap Construction	10	17-Jan-15 A	30-Jan-15	43	(TA21 > C15) - Cap Construction																				
A9631	(TA22 > C15) - Cap Construction	11	17-Jan-15 A	31-Jan-15	48	(TA22 > C15) - Cap Construction																				
A9640	(TA21 & TA22 > C15) - Steel Tower Erection	6	31-Jan-15	06-Feb-15	43	(TA21 & TA22 > C15) - Steel Tower Erection																				
A9650	(TA21 & TA22 > C15) - Beam Erection (4nos)	10	06-Feb-15	17-Feb-15	43	(TA21 & TA22 > C15) - Beam Erection (4nos)																				
A9660	(TA21 & TA22 > C15) - Deck Construction	15	18-Feb-15	10-Mar-15	43	(TA21 & TA22 > C15) - Deck Construction																				
A9670	(TA23 & TA25 > C19-EVB Roof) - Steel Tower + Bearing + Beam	12	04-Mar-15	18-Mar-15	0	(TA23 & TA25 > C19-EVB Roof) - Steel Tower + Bearing + Beam																				
A9680	(TA26 - TA28 > C19-EVB Roof) - Steel Tower + Bearing + Beam	16	18-Mar-15	09-Apr-15	18	(TA26 - TA28 > C19-EVB Roof) - Steel Tower + Bearing + Beam																				
A9690	(TA23 - TA24 > C19-EVB Roof) - Deck construction	18	18-Mar-15	11-Apr-15	0	(TA23 - TA24 > C19-EVB Roof) - Deck construction																				
A9700	(TA24 - TA25 > C19-EVB Roof) - Deck construction	18	18-Mar-15	11-Apr-15	0	(TA24 - TA25 > C19-EVB Roof) - Deck construction																				
A9710	(TA25 - TA26 > C19-EVB Roof) - Deck construction	18	11-Apr-15	04-May-15	0	(TA25 - TA26 > C19-EVB Roof) - Deck construction																				
A9720	(TA26 - TA27 > C19-EVB Roof) - Deck construction	18	11-Apr-15	04-May-15	0	(TA26 - TA27 > C19-EVB Roof) - Deck construction																				
A9740	(TA23 - TA25 > C19-EVB Roof) - Parapet + Lightings + MJ	14	11-Apr-15	28-Apr-15	18	(TA23 - TA25 > C19-EVB Roof) - Parapet + Lightings + MJ																				
A9780	(TA2 > C15) - Stitching to Existing Bridge	14	11-Mar-15	26-Mar-15	43	(TA2 > C15) - Stitching to Existing Bridge																				

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Contract HY/2009/19

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Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																			
						January				February				March				April				May			
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03		
10.5.2 - Temporary Bridge 'TB'																									
A10240	TB > Beams Pier 16 -17	2	20-Jan-15	21-Jan-15	10																				
A10250	TB > (Pier 16 -17) - Install Bondeck & Shear Stub	6	22-Jan-15	28-Jan-15	10																				
A10260	TB > (Pier 16 -17) - Rebar Fixing for Bridge deck + Fixing Holding Down Bolt	10	29-Jan-15	09-Feb-15	10																				
A10270	TB > (Pier 16 -17) - Concreting	1	10-Feb-15	10-Feb-15	10																				
A10280	TB > (Pier 16-17) - Stitching	6	11-Feb-15	17-Feb-15	10																				
A10290	TB > (Pier TB1-16) - L3 Railing Installation	5	23-Feb-15	27-Feb-15	10																				
A10300	Bridge E (Pier 16) - MJ	8	02-Mar-15	10-Mar-15	9																				
A2461	TB > Erection of TB I - Beams TB1-16	0	29-Dec-14 A	30-Dec-14 A																					
A2470	TB > (Pier TB1-16) - Install Bondeck & Shear Stub	0	06-Jan-15 A	12-Jan-15 A																					
A2471	TB > (Pier TB1-16) - Rebar Fixing for Bridge deck + Fixing Holding Down Bolt	0	13-Jan-15 A	23-Jan-15	39																				
A2472	TB > (Pier TB1-16) - Concreting	1	23-Jan-15	24-Jan-15	39																				
A2473	TB > (Pier TB1-16) - Stitching	7	24-Jan-15	02-Feb-15	39																				
A2480	TB > (Pier TB1-16) - L3 Railing Installation	5	02-Feb-15	07-Feb-15	39																				
10.5.3 - Temporary Bridge 'TD'																									
1053-1166	Bridge TD - MJ at Pier F14	3	20-Jan-15	22-Jan-15	53																				
10.6 - Tunnel Approach Ramp																									
10.6.1 - Approach Ramp (Excluding Portion IIB)																									
Bored Piles																									
1061-1012	Pre-drilling Approach Ramp Piles Remaining (70 nos) (excl IIB & VD)	46	18-Oct-13 A	17-Mar-15	544																				
1061-1030	Founding Level Approach Ramp Piles Remaining (excl IIB & VD)	69	08-Jan-14 A	16-Apr-15	521																				
1061-1053	Remaining Bored Piles & Pre-Bored H-Pile Testing	60	18-Apr-15	29-Jun-15	668																				
1061-2031	Bored Pile Ramp - BN28	0	15-Dec-14 A	23-Dec-14 A																					
A5851	Bored Pile Ramp - BN25	15	27-Feb-15	16-Mar-15	25																				
A5851.1	Bored Pile Ramp - BN26	15	29-Dec-14 A	05-Feb-15	25																				
A5852	Bored Pile Ramp - BN25a	15	06-Feb-15	26-Feb-15	25																				
A5854	Bored Pile Ramp - BN23	18	23-Dec-14 A	09-Feb-15	22																				
A5855	Bored Pile Ramp - BN28	14	15-Dec-14 A	04-Feb-15	26																				
A5856	Bored Pile Ramp > LHR- BN32	14	05-Feb-15	24-Feb-15	90																				
A5857	Bored Pile Ramp > LHR - BN34	14	05-Feb-15	24-Feb-15	104																				
A5859.2	Bored Pile Ramp - BN19	15	10-Apr-15	27-Apr-15	22																				
A5859.21	Bored Pile Ramp - BN20	15	20-Mar-15	09-Apr-15	22																				
A5859.22	Bored Pile Ramp - BN21	15	03-Mar-15	19-Mar-15	22																				
A5859.23	Bored Pile Ramp - BN22	15	10-Feb-15	02-Mar-15	22																				
A5859.24	Bored Pile Ramp - BS21	15	07-Apr-15	23-Apr-15	25																				
A5859.25	Bored Pile Ramp - BS22	15	17-Mar-15	02-Apr-15	25																				
A5859.32	Bored Pile Ramp > LHR - BN14	14	25-Feb-15	12-Mar-15	90																				
A5859.33	Bored Pile Ramp > LHR - BN15	14	25-Feb-15	12-Mar-15	104																				
A5859.34	Bored Pile Ramp > LHR - BN16	14	13-Mar-15	28-Mar-15	90																				

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

Contract HY/2009/19

Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Jan	Feb	Mar	Apr
DWP-06 - Update Progress As of 20 Jan 15								
Works in TS3								
TS3 East & West Reclamation Works								
TS3W - Reclamation Works (new scheme)								
TS3W.MW.2110	TS3W - General Fill Area 2 (3 Barges)	40	20-Dec-14 A	27-Feb-15	TS3W - General Fill Area 2 (3 Barges)			
TS3W.MW.2120	TS3W - General Fill Area 3 (1 Barges)	22	19-Apr-15	10-May-15	TS3W - General Fill Area 3 (1 Barges)			
TS3W - North								
TS3W.MW.2010A	TS3W North - Phase 2 Dredging	28	07-Jan-15 A	05-Feb-15	TS3W North - Phase 2 Dredging			
TS3W.MW.2010B	TS3W North - HIS of Dredging	2	06-Feb-15	07-Feb-15	TS3W North - HIS of Dredging			
TS3W.MW.2010C	Inspection of Founding	4	08-Feb-15	11-Feb-15	Inspection of Founding			
TS3W.MW.2040	TS3W North - Rockfill	21	12-Feb-15	04-Mar-15	TS3W North - Rockfill			
TS3W.MW.2040A	TS3W North - Levelling	4	05-Mar-15	08-Mar-15	TS3W North - Levelling			
TS3W.MW.2050	TS3W North - Phase 1 Seawall Block Installation	28	09-Mar-15	05-Apr-15	TS3W North - Phase 1 Seawall Block Installation			
TS3W.MW.2060	TS3W North - Phase 2 Seawall Block Installation	13	06-Apr-15	18-Apr-15	TS3W North - Phase 2 Seawall Block Installation			
TS3W - South								
TS3W.MW.2080	TS3W South - Rockfill	14	24-Dec-14 A	25-Jan-15 A	TS3W South - Rockfill			
TS3W.MW.2080A	TS3W South - Levelling	3	31-Dec-14 A	22-Jan-15	TS3W South - Levelling			
TS3W.MW.2090	TS3W South - Seawall Block Installation	16	23-Jan-15	07-Feb-15	TS3W South - Seawall Block Installation			
Works for Box Culvert Q & Water Intake								
Box Culvert Q								
Box Culvert Q Outfall Diversion								
TS3_1145.50	Construct Temporary Vertical Seawall (Stone Block) behind Sheet Pile Wall and continue with reclamation works	12	20-Jan-15	02-Feb-15	Construct Temporary Vertical Seawall (Stone Block) behind Sheet Pile Wall and continue with reclamation works			
Works in TS3-East								
Diaphragm Wall								
TS3-East Pre-D/wall Works								
TS3E_2510	Bentonite silo & plant establishment	40	12-Nov-14 A	21-Jan-15 A	Bentonite silo & plant establishment			
TS3E_2520A	Pre-Drilling / Ground Investigation (SI) - Stage 2	27	28-Nov-14 A	21-Jan-15	Pre-Drilling / Ground Investigation (SI) - Stage 2			
TS3E_2530	Curtain grout/soil pre-treatment/slurry wall	49	10-Dec-14 A	23-Jan-15	Curtain grout/soil pre-treatment/slurry wall			
TS3E_2540	Guidewall construction	51	20-Dec-14 A	09-Feb-15	Guidewall construction			
TS3-East Diaphragm Construction								
TS3E_3110	Diaphragm wall construction Phase 1 (16/50 panels @ proposed bulkhead)	37	24-Dec-14 A	23-Feb-15	Diaphragm wall construction Phase 1 (16/50 panels @ proposed bulkhead)			
TS3E_3120	Diaphragm wall construction Phase 2 (34/50 panels @ proposed bulkhead)	80	23-Feb-15	14-May-15	Diaphragm wall construction Phase 2 (34/50 panels @ proposed bulkhead)			
Works in SR8 (Open Cut Method)								
SR8 - Cofferdam & Cut & Cover Tunnel Works								

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

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

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Jan	Feb	Mar	Apr
SR8 East Bound - (Seaside to Victoria Road / IEC Central Divider)								
TTA Stage 1 - East Bound								
Stage 2 - East Bound (Ref. DRG. No.CDD/SR8/083)								
SR8.EB.1340	Stage 2 - Sheet Pile Work	18	01-Nov-14 A	29-Jan-15	Stage 2 - Sheet Pile Work			
SR8.EB.1370	Install King Post for Traffic Deck	16	15-Jan-15 A	23-Jan-15 A	Install King Post for Traffic Deck			
SR8.EB.1380	Demolish part of the Wing Wall of Abutment M	14	20-Jan-15	04-Feb-15	Demolish part of the Wing Wall of Abutment M			
SR8.EB.1360	Stage 2 - TAM Grout	18	30-Jan-15	23-Feb-15	Stage 2 - TAM Grout			
SR8.EB.1530	Construct IEC East Bound Up Ramp	60	05-Feb-15	23-Apr-15	Construct IEC East Bound Up Ramp			
SR8.EB.1400	Ground Treatment - Jet Grout	21	24-Feb-15	19-Mar-15	Ground Treatment - Jet Grout			
SR8.EB.1390	Construct Traffic Deck	35	09-Mar-15	23-Apr-15	Construct Traffic Deck			
SR8.EB.1385	Install Dewatering Wells and Observation Wells & Pump Test	14	19-Mar-15	09-Apr-15	Install Dewatering Wells			
SR8 West Bound - Ch. 459.000 to 385.000 (Victoria Road / IEC Central Divider)								
TTA Stage 1 - West Bound								
Stage 2B - West Bound (Ref. DRG. No.CDD/SR8/086)								
SR8.WB.2120	Construct Temporary IEC West Bound Down Ramp	57	21-Dec-14 A	02-Feb-15	Construct Temporary IEC West Bound Down Ramp			
SR8.WB.2110	Construct Temporary Traffic Deck	26	29-Dec-14 A	02-Feb-15	Construct Temporary Traffic Deck			
SR8.WB.2100	Demolish Part (WB) Wing Wall of Abutment M	2	06-Jan-15 A	24-Jan-15 A	Demolish Part (WB) Wing Wall of Abutment M			
SR8.WB.2150	Asphalt Laying + Temporary Street Furniture	3	03-Feb-15	05-Feb-15	Asphalt Laying + Temporary Street Furniture			
TTA Stage 2 - West Bound								
Stage 3 - West Bound (Ref. DRG. No.CDD/SR8/087)								
SR8.WB.3010	Implement TTA Stage 2 - Traffic Diversion at West Bound	0	08-Feb-15		Implement TTA Stage 2 - Traffic Diversion at West Bound			
SR8.WB.3015	Excavate and expose U/G Utilites (HEC Fiber Optic)	12	09-Feb-15	25-Feb-15	Excavate and expose U/G Utilites (HEC Fiber Optic)			
SR8.WB.3020	Shift / Divert HEC Cable (Fibre Optic) during Construction of Sheet Pile and Pipe Pile Works	12	26-Feb-15	11-Mar-15	Shift / Divert HEC Cable (Fibre Optic) during Construction			
SR8.WB.3030	Carry out Stage 3 Sheet Pile works	27	26-Feb-15	28-Mar-15	Carry out Stage 3 Sheet Pile works			
SR8.WB.3040	Carry out Stage 3 Pipe Piling Works	45	30-Mar-15	27-May-15	Carry out Stage 3 Pipe Piling Works			
SR8 Ch.385.000 to Ch.317.500 - (Inside Victoria Park to Tunnel Portal)								
SR8 Tunnel - ELS / CCT / BF Works (7 Bays Ch. 385.000 to Ch.317.500)								
ELS								
SR8.VP.5020	ELS Layer 1 - Soft Excavation + Strut Installation	24	24-Dec-14 A	26-Jan-15	ELS Layer 1 - Soft Excavation + Strut Installation			
SR8.VP.5070	ELS Layer 2 - Soft Excavation + Strut Installation	24	27-Jan-15	26-Feb-15	ELS Layer 2 - Soft Excavation + Strut Installation			
SR8.VP.5070A	ELS Layer 3 - Soft Excavation + Strut Installation	8	27-Feb-15	07-Mar-15	ELS Layer 3 - Soft Excavation + Strut Installation			
SR8.VP.5080	Soft Excavation down to Formation Level	16	09-Mar-15	26-Mar-15	Soft Excavation down to Formation Level			
Portal Structure								
Blinding + Waterproofing								
SR8.VP.5030	Blinding for Bay 1 to Bay 7	7	26-Mar-15	08-Apr-15	Blinding for Bay 1 to Bay 7			

- Actual Work
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					Jan	Feb	Mar	Apr
SR8.VP.5090	Waterproofing for Bay 1 to Bay 7	7	09-Apr-15	16-Apr-15				Waterproofing
Base Slab + Drainage								
SR8.VP.5100	Base Slab - Bay 1	8	17-Apr-15	25-Apr-15				
Pump Sump E								
SR8.VP.5360	Base Slab	8	17-Apr-15	25-Apr-15				
SR8 Ch 317.500 to Ch 210.000 - U-Structure & Slab (Victoria Park)								
Excavation and Lateral Support								
SR8_2230	ELS - Excavation to formation level + Lateral Support	96	13-Jun-14 A	05-Mar-15	ELS - Excavation to formation level + Lateral Support			
RC CCT & Backfill Ch317.5000 to Ch240.000								
Structure								
Base Slab								
SR8_1800	SR8 U-structure Base slab + Drainage (U8A1 - U8A2)	24	18-Nov-14 A	20-Jan-15 A	SR8 U-structure Base slab + Drainage (U8A1 - U8A2)			
SR8_1810	SR8 U-structure Base slab + Drainage (U8A3 - U8A6)	48	26-Nov-14 A	02-Apr-15	SR8 U-structure Base slab + Drainage (U8A3 - U8A6)			
SR8_1801	Remove SL1 - (U8A1 - U8A2)	14	05-Mar-15	21-Mar-15	Remove SL1 - (U8A1 - U8A2)			
SR8_1812	SR8 U-structure Base slab + Drainage (U8A7 - U8A8)	24	02-Apr-15	06-May-15	SR8 U-structure Base slab + Drainage (U8A7 - U8A8)			
SR8_1811	Remove SL2 - (U8A3 - U8A6)	28	02-Apr-15	11-May-15	Remove SL2 - (U8A3 - U8A6)			
SR8 Structural Slab Ch.240.000 to Ch.210.000								
SR8_2080	Cast Structural Slab Ch.240.000 to Ch.210.000 - 3 bays	48	30-Oct-14 A	04-Feb-15	Cast Structural Slab Ch.240.000 to Ch.210.000 - 3 bays			
Tsing Fung St - RW & Subway Extension & Toe Wall at Hing Fat St								
Ret. Wall & TF Subway Extension (Portion V)								
Retaining Wall RW8C at Tsing Fung Street (Portion V)								
VP_1290	TFS New Ret. Wall - wall stem + Railing	60	04-Nov-14 A	12-Feb-15	TFS New Ret. Wall - wall stem + Railing			
VP_1370	TFS New Ret. Wall - backfilling & compactionworks	24	13-Feb-15	16-Mar-15	TFS New Ret. Wall - backfilling & compactionworks			
VP_1390	Demolish Top Portion of Existing Wall Head and Kerb	18	17-Mar-15	10-Apr-15	Demolish Top Portion of Existing Wall Head and Kerb			
VP_1400	Road Formation - Subbase + Kerb + U-shape Channel	48	11-Apr-15	08-Jun-15	Road Formation - Subbase + Kerb + U-shape Channel			
Retaining Wall + Toe Wall at Hing Fat Street								
RC Works - Toe Wall								
VP_6152	Construct and divert Temporary Footpath	36	20-Jan-15	05-Mar-15	Construct and divert Temporary Footpath			
VP_6160	Site formation and Excavation to formation level	24	06-Mar-15	02-Apr-15	Site formation and Excavation to formation level			
VP_6170	Removed existing curb	24	08-Apr-15	06-May-15	Removed existing curb			
Works in Victoria Park								
Re-Provisioning Works								
Bowling Green Office								
BGO - Construction Works								
VP_1250.40	Statutory Inspections by Other Authorities (EMSD, WSD, ASD)	30	24-Dec-14 A	23-Jan-15	Statutory Inspections by Other Authorities (EMSD, WSD, ASD)			

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Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Jan	Feb	Mar	Apr
VP_1270	BGO - Completion of KD4 - Works in Section1B	0		23-Jan-15	◆ BGO - Completion of KD4 - Works in Section1B			
Pavilion								
Temp. Works Design								
VP_0210	(01) Temp. Work Design + ICE - submission	24	20-Jan-15	16-Feb-15	(01) Temp. Work Design + ICE - submission			
VP_0230	(01) Temp. Work Design - review and approval by AECOM	24	17-Feb-15	19-Mar-15	(01) Temp. Work Design - review and approval			
Materials Submission								
VP_6640	Materials submission (Specification and Samples)	24	20-Jan-15	16-Feb-15	Materials submission (Specification and Samples)			
VP_6650	Materials - ER review and approval	24	17-Feb-15	19-Mar-15	Materials - ER review and approval			
VP_6660	Issue P.O. / Manufacturing / Fabrication	48	20-Mar-15	20-May-15				
Shop Drawings								
VP_0195	Shopdrawing submission	24	20-Mar-15	21-Apr-15	Shopdrawing submission			
Method Statement								
VP_6680	(01) Method statement - submission	24	20-Mar-15	21-Apr-15	(01) Method statement - submission			
Construction Works - BG Pavillion								
VP_1310	PV - Site Possession, Portion VI/VII	0	20-Jan-15		◆ PV - Site Possession, Portion VI/VII			
VP_1340	Demolish existing BGO	24	24-Jan-15	24-Feb-15	Demolish existing BGO			
VP_1300	PV - Initial works (Site Clearance, underground utilities etc.)	24	25-Feb-15	24-Mar-15	PV - Initial works (Site Clearance, underground utilities etc.)			
Bowling Green								
Design Submissions for Bowling Green Lighting								
VP_0330	Engineer's Review and Approval	24	23-Sep-14 A	20-Jan-15	Engineer's Review and Approval			
Procurement								
VP_1010.164	Material submission	14	21-Jan-15	05-Feb-15	Material submission			
VP_1010.174	Materials - ER review and approval	24	06-Feb-15	09-Mar-15	Materials - ER review and approval			
VP_1010.184	Issue PO / Manufacturing	60	10-Mar-15	23-May-15				
Construction Works								
VP_1320	BG - Site Possession, Portion VI, VII	0	20-Jan-15		◆ BG - Site Possession, Portion VI, VII			
VP_1170	Demolish existing CP / BGO / Site Clearance	24	20-Jan-15	16-Feb-15	Demolish existing CP / BGO / Site Clearance			
VP_1180	Site Survey / Setting up	12	17-Feb-15	05-Mar-15	Site Survey / Setting up			
VP_1710	BG - Install U/G Sewerage System	24	27-Feb-15	26-Mar-15	BG - Install U/G Sewerage System			
VP_1720	BG - Install Drainage System	24	13-Mar-15	14-Apr-15	BG - Install Drainage System			
VP_1730	BG - Install Irrigation System	24	27-Mar-15	28-Apr-15	BG - Install Irrigation System			
Mooring Components Upkeep (CBTS and ATS)								
MAR_2000	Mooring Upkeep at Portion XIX(19) & XX(20) - ATS (if instructed by Engineer)	1399	21-Mar-13 A	17-Jan-17				
MAR_1000	Mooring Upkeep at Portion III (3) - CBTS	574	15-May-14 A	09-Dec-15				
MAR_3020	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS	979	15-May-14 A	17-Jan-17				

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Activity ID	Activity Name	Original Duration	Start	Finish	2015														
					Jan			Feb			Mar			Apr					
					Works for Public Works Regional Laboratory (North Lantau)														
Maintenance and Upkeep of New PWRL (Portion XVII)																			
PWRL_1050	Maintenance/ Upkeep of New PWRL	1301	19-Jul-13 A	21-Nov-17															

- Actual Work
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