

Activity ID	Activity Name	OD	RD	Start	Finish	% Comp	Total Float	2014				
								Qtr 4				
								Sep	Oct	Nov	Dec	
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	99	28-Feb-14 A	27-Dec-14	0%	180					
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	86	27-Jun-14 A	14-Dec-14	0%	531					
S3B-FW-1090	Installation of Dewatering Well (assume 18 nos.)	60	14	30-Jun-14 A	03-Oct-14	76.67%	-129					
S3B-FW-1095	Pumping Test of Stage 2 (as at excavation approaching to -5.0mPD)	13	13	04-Oct-14	16-Oct-14	0%	-129					
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	14	19-May-14 A	03-Oct-14	0%	-162					
S3B-EW-1000B	Stage 2 ELS - excavate to approx. -3.0mPD and installation of 2nd layer strut/waling (15,000	46	46	04-Oct-14	18-Nov-14	0%	-162					
S3B-EW-1000C	Stage 2 ELS - excavate to approx. -6.4mPD and installation of 3rd layer strut/waling (16,500	70	70	19-Nov-14	27-Jan-15	0%	-162					
Stage 2 - Tunnel Structure Works (Bay 8 to Bay 10 : CH3045 - CH3129)												
S3B-TS-1000	Bay 10 Top Slab	25	8	20-Sep-14	27-Sep-14	0%	-141					
S3B-TS-2000A	Construction of Exhaust Duct (CH2988 - CH3045)	48	48	15-Dec-14	31-Jan-15	0%	531					
CWB Tunnelling Works (Stage 3 : Ch3129 - Ch3245)												
Stage 3 - Reclamation Works												
Demolition Works - Stage 3												
DW3-1000	Demolition of Existing 10nos. Pump Houses along Convention Avenue	90	11	21-May-14 A	30-Sep-14	0%	343					
DW3-1020	Demolition of Remaining Existing Expo Drive East Bridge at Southern Bound	24	11	01-Sep-14 A	30-Sep-14	0%	-235					
Stage 3 - Foundation Works												
S3C-FW-1050C	Stage 3 Pre-bored H-pile (Phase 4 - 160 nos w/4~5 rigs)	128	124	21-Jul-14 A	21-Jan-15	0%	-267					
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	37	15-Sep-14 A	26-Oct-14	0%	-270					
S3C-EW-1010	Excavation to -4.0 mPD (approx 26,600m3) including strut/waling installation	96	96	27-Oct-14	30-Jan-15	0%	-270					
S3C-EW-1010C	Installation of Dewatering Well (24nos.) and Pumping Test	45	46	16-Dec-14	30-Jan-15	0%	-267					
Section 4 of the Works - Salt Water Mains, Works in Area 3												
S8B (DN800) Salt Watermains												
Testing and Commissioning												
S4-1500	Pressure Test of S8B	6	6	20-Sep-14	25-Sep-14	0%	675					
S4-1510	Cleaning of S8B	7	7	26-Sep-14	02-Oct-14	0%	675					
S4-1520	Connection to Existing Mains (S8B)	7	7	18-Oct-14	24-Oct-14	0%	653					
S9 (DN450) Salt Watermains & Sewer												
Testing and Commissioning												
S4-2500	Pressure Test of S9	6	6	20-Sep-14	25-Sep-14	0%	682					
S4-2510	Cleaning of S9	7	7	26-Sep-14	02-Oct-14	0%	682					
S4-2520	Connection to Existing Mains (S9)	7	7	18-Oct-14	24-Oct-14	0%	660					
Section 6A of the Works - Cooling Water Discharge System (3 nos. Govt Towers)												
S6A-1200	Zone X1-1 - CHBF (11m)	21	21	20-Sep-14	10-Oct-14	0%	-14					
S6A-1210	Zone X1-2 - CHBF (5m)	21	21	22-Nov-14	12-Dec-14	0%	-77					
S6A-1220	Zone X1-3 - CHBF (7m)	21	21	01-Nov-14	21-Nov-14	0%	-77					
S6A-1230	Zone X1-4A - CHBF (21m) & S3 (21m) Connection Point	24	42	20-Jan-14 A	31-Oct-14	100%	-77					
S6A-1240	Zone C3-1 - CHBF (16m) Test and Connection Point	60	57	22-Jun-14 A	15-Nov-14	0%	-50					
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	57	22-Jun-14 A	15-Nov-14	0%	-50					
Section 6C of the Works - Cooling Water Discharge System (China Resources Building)												
S6C-1600	Zone C3-1 - CHBI (16m) Test and Connection Point	60	57	22-Jun-14 A	15-Nov-14	0%	-50					
Common Works for Sections 6A, 6B & 6C												
Discharge Outfall Construction												
S6-1030	Connection of the Completed Cooling Mains to Precast Outfall Unit	0	0		15-Nov-14	0%	-24					
S6-1040	Reinstatement of Existing Seawall after Connection	30	30	16-Nov-14	15-Dec-14	0%	608					
Section 8 of the Works - Works in Area 6 (Utilities other than Watermains in Fenwick Pier Street)												

■ Remaining Work ■ Summary Bar
■ Actual Work
■ Summary Bar
■ 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.6C - 3 Month Programme starting from 20-Sep-14

Activity ID	Activity Name	OD	RD	Start	Finish	% Comp	Total Float	2014				
								Qtr 4				
								Sep	Oct	Nov	Dec	
Sewerage Works												
S8-1030	Zone A3-5D & A3-4D	23	29	10-Jan-14 A	25-Oct-14	100%	-45	Zone A3-5D & A3-4D				
S8-1040	Zone A3-2C	23	23	27-Oct-14	21-Nov-14	0%	-45	Zone A3-2C				
S8-1050	Zone A3-2D	23	23	22-Nov-14	18-Dec-14	0%	-45					
S8-2500	CCTV Survey	1	1	19-Dec-14	19-Dec-14	0%	-45					
Section 9 of the Works - Remaindar of the Works												
Box Culvert Construction												
S9-1030	Construction of Precast Bay 1	76	76	01-Oct-14	16-Dec-14	0%	-235					
S9-1040A	Installation of Sheet Pile / ELS and Construction for Bay 7	180	203	07-Sep-14 A	10-Apr-15	0%	-235					
S9-1040B	Installation of Sheet Pile / ELS and Construction for Bay 2	180	182	11-Oct-14	10-Apr-15	0%	-235					
Waterworks in Area 9												
Salt Water Mains (S3, S5A & S5B)												
S9-5500A	Zone X1-1 - S3 (5m)	0	0		10-Oct-14	0%	8	◆ Zone X1-1 - S3 (5m)				
S9-5500B	Zone X1-2 - S3 (5m)	0	0		12-Dec-14	0%	36					
S9-5500C	Zone X1-3 - S3 (5m)	0	0		21-Nov-14	0%	57	◆ Zone X1-3 - S3 (5m)				
Fresh Water Mains (F3)												
S9-7040	Zone X1-1 - F3 (5m)	0	0		10-Oct-14	0%	99	◆ Zone X1-1 - F3 (5m)				
S9-7050	Zone X1-2 - F3 (5m)	0	0		12-Dec-14	0%	36					
S9-7060	Zone X1-3 - F3 (5m)	0	0		21-Nov-14	0%	57	◆ Zone X1-3 - F3 (5m)				
Section 12 of the Works - Works in Area 10 (other than Section 4)												
VO106-1000	Demolition of Existing HKCEC Pump House in Area 10 & 11 (Kiu Lok Portion - Variation Ord	100	11	26-May-14 A	30-Sep-14	0%	150	Demolition of Existing HKCEC Pump House in Area 10 & 11 (Kiu Lok Portion				
Section 13 of the Works - Works in Area 11 (other than Section 11)												
S13-3000	Completion of Backfilling to +5.0mPD	0	0		30-Sep-14	0%	150	◆ Completion of Backfilling to +5.0mPD				
VO106-2000	Demolition of Existing HKCEC Pump House in Area 10 & 11 (Kiu Lok Portion - Variation Ord	0	0		30-Sep-14	0%	150	◆ Demolition of Existing HKCEC Pump House in Area 10 & 11 (Kiu Lok Portion				
Section 9A of the Works - Landscape Softworks in Area 9												
S9A-1000	Transplanting at Expo Drive East and Convention Avenue Junction	180	180	20-Sep-14	18-Mar-15	0%	150					

■ Remaining Work ■ Summary Bar
■ Actual Work
■ Summary Bar
■ 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.6C - 3 Month Programme starting from 20-Sep-14

Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Calendar	2014					2015	
								Sep 57	Oct 58	Nov 59	Dec 60	Jan 61		
Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai East (dd 20-Sep-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 Aea 7 (7-May-12)	0	0	20-Sep-14	19-Dec-14	-312	Calendar Day							
Soft Landscaping & Establishment Key Dates														
KDC0140	Section 8C Works (1473 days) - Landscape Softworks in Area 8 (10-Feb-14)	0	0	20-Sep-14	20-Sep-14*	-222	Calendar Day							
Forecast Completion Dates														
Soft Landscaping & Establishment Key Dates														
KDF0140	Section 8C Works (1473 days) - Landscape Softworks in Area 8	0	0	19-Dec-14	19-Dec-14	-312	Calendar Day							
Preliminaries														
Critical Procurement & Site Delivery														
PRE-PRO-1100A	GRP Roof Panel for Temp Covered Walkway (Type 1)	60	21	15-Jun-14 A	11-Oct-14	1473	Calendar Day							
PRE-PRO-1100B	GRP Roof Panel for Temp Covered Walkway (Type 2)	60	21	15-Jun-14 A	11-Oct-14	1473	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 A	22-Oct-14	1173	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	148	16-Feb-14 A	15-Feb-15	1346	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	10	01-Oct-13 A	30-Sep-14	1484	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	61	21-Nov-13 A	20-Nov-14	1433	Calendar Day							
Section 5 of the Works - WSD Salt Water Pumping System														
Salt Water Intake Culvert Construction														
Bay 6 - Bay 18: Ex-Pet Garden & Hung Hing Road														
S5-100-3333	Backfilling to Bay 6 to Bay 11 (2,000m3; 150m3/d)	23	7	20-Apr-13 A	29-Sep-14	-707	HK Working Day							
Overall Testing & Commissioning of Re-provisioned Salt Water Intake System														
S5-0900	Outstanding Works	365	166	06-Mar-14 A	05-Mar-15	1328	Calendar Day							
Section 7 of the Works - Box Culvert N1 & Flood Relief System														
Box Culvert and Flood Relief System Construction														
S7-191212-260	Backfilling for 1050mm FRP installation & Strut Removal	4	4	22-Sep-14	26-Sep-14	-339	HK Working Day							
Works in Area 7														
S7-1700	D-Wall Trimming, Drain Installation & Backfilling to Ground Level (13,500m3; 1,000m3/d)	27	16	05-Sep-14 A	06-Oct-14	-882	Calendar Day							
S7-1800	Completion of Tunnel Portion 1 Backfilling	0	0	06-Oct-14	06-Oct-14	-882	Calendar Day							
Transformer Building for Dining Services at Ferry Pier (VO116)														
Civil Works														
S7-TB-2000	Lay 500mm thk. Rubble Mound	2	2	07-Oct-14	08-Oct-14	-907	HK Working Day							
S7-TB-2010	Blinding Layer	1	1	09-Oct-14	09-Oct-14	-907	HK Working Day							
S7-TB-2020	Base Slab Construction (9.3m x 4.9m x 1m thick)	7	7	10-Oct-14	17-Oct-14	-907	HK Working Day							
S7-TB-2030	Concrete Plinth, Side Wall, Beam & Corbel	14	14	21-Oct-14	05-Nov-14	-907	HK Working Day							
S7-TB-2040	Concrete In-Fill at Basement	3	3	10-Nov-14	12-Nov-14	-907	HK Working Day							
S7-TB-2050	Outer Wall & Partition Wall	21	21	13-Nov-14	06-Dec-14	-907	HK Working Day							
S7-TB-2060	Scaffolding Erection & Roof Construction	21	21	08-Dec-14	03-Jan-15	-907	HK Working Day							
S7-TB-2070	Curing	14	14	04-Jan-15	17-Jan-15	-1131	Calendar Day							
S7-TB-2080	Formwork Removal & Scaffolding Dismantling	4	4	19-Jan-15	22-Jan-15	-907	HK Working Day							
E&M Works														
S7-TB-4100	22kV Cable across HHR to Transformer Building by HEC	45	45	07-Oct-14	20-Nov-14	-1016	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	212	30	10-Sep-13 A	20-Oct-14	1464	Calendar Day							
Works in Area 8 - ABWF Works at Observation Deck of Ferry Pier														
S8B-FP-01100	Roof Finishes & Misc. ABWF Installation	120	30	28-Oct-13 A	20-Oct-14	1464	Calendar Day							
S8B-FP-01300	Handrail & Glass Balustrade Installation	45	7	21-Dec-13 A	27-Sep-14	1487	Calendar Day							
Section 9B of the Works - CWB Tunnel Structure (CH3400 - CH3796)														
Tunnel Portion 2 (CH3425-CH3500)														
Foundation														
S9B-T2-1125	Installation of Pump Test Equipment	151	105	11-Jun-14 A	27-Jan-15	36	HK Working Day							
S9B-T2-1130	Tunnel portion 2 Pump Test	77	24	11-Jun-14 A	21-Oct-14	117	Calendar Day							
CWB Structural Works														
S9B-T2-2000	Tunnel portion 2 ELSW excavation (62,500m3; 500m3/d)	125	105	06-Aug-14 A	27-Jan-15	-9	HK Working Day							
Tunnel Portion 3 & Tunnel Portion 4 (CH3630-CH3790)														
Foundation														
Stage 2 - Southern Wall after HHR Flyover Diversion (Stage 1) (C130A-P131; P144-C154)														
S9B-T34-1230C	Pre-grouting & Guidewall for P147-P154	295	121	11-Feb-14 A	14-Feb-15	-297	Calendar Day							
S9B-T34-1230C	Pre-grouting & Guidewall for P147-P154	28	14	11-Feb-14 A	04-Oct-14	-271	Calendar Day							



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-Sep-14)

Date	Revision	Checked	Approved
20-Sep-14	3MRP		
20-Feb-14	Baseline Prog		

Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Calendar	2014					2015	
								Sep 57	Oct 58	Nov 59	Dec 60	Jan 61		
S9B-T34-1260B	Bored Pile Construction (PS30-PS32; 14d/pile; 1 Rig)	42	14	07-Aug-14 A	04-Oct-14	-229	Calendar Day	Bored Pile Construction (PS30-PS32; 14d/pile; 1 Rig)						
S9B-T34-1250C	D-wall Construction along HHR slow lane (P147-C152, C154; 6d/Panel)	42	42	04-Jan-15	14-Feb-15	-362	Calendar Day	D-wall Construction along HHR slow lane (P147-C152, C154; 6d/Panel)						
Stage 3 - Northern Wall after TWCR4 Reclamation (C88-C105)								105	105	21-Sep-14	03-Jan-15	-362	Calendar Day	
S9B-T34-1435C	D-Wall Plant Mobilization after HHR Stage 2	21	21	21-Sep-14	11-Oct-14	-362	Calendar Day	D-Wall Plant Mobilization after HHR Stage 2						
S9B-T34-1430C	D-wall Construction at TWCR4 (C88-P94; P101-C105; 6d/Panel)	84	84	12-Oct-14	03-Jan-15	-362	Calendar Day	D-wall Construction at TWCR4 (C88-P94; P101-C105; 6d/Panel)						
Stage 4 - Southern Wall after HHR Flyover Diversion (Stage 2) (P132-P143)								96	96	22-Oct-14	25-Jan-15	-438	Calendar Day	
S9B-T34-1600	Complete Removal of Approach Ramp of Existing HHR Flyover	0	0	22-Oct-14		-438	Calendar Day	Complete Removal of Approach Ramp of Existing HHR Flyover						
S9B-T34-1610	Pre-drilling at HHR Flyover	26	26	22-Oct-14	16-Nov-14	-438	Calendar Day	Pre-drilling at HHR Flyover						
S9B-T34-1620	Pre-grouting at HHR Flyover	21	21	17-Nov-14	07-Dec-14	-389	Calendar Day	Pre-grouting at HHR Flyover						
S9B-T34-1630	Guide Wall construction at HHR Flyover	21	21	17-Nov-14	07-Dec-14	-389	Calendar Day	Guide Wall construction at HHR Flyover						
S9B-T34-1650	Bored Pile Construction (PS34-PS38; 14d/pile; 1 Rig)	70	70	17-Nov-14	25-Jan-15	-438	Calendar Day	Bored Pile Construction (PS34-PS38; 14d/pile; 1 Rig)						
Temp Works for HHR Flyover Diversion (Stage 2)								28	28	22-Sep-14	26-Oct-14	-295	Calendar Day	
At-Grade Roadworks								28	28	22-Sep-14	26-Oct-14	-295	Calendar Day	
S9B-TTA-4500	Demolish of Approach Ramp of Existing HHR Flyover for D-Wall Construction	24	24	22-Sep-14	21-Oct-14	-352	HK Working Day	Demolish of Approach Ramp of Existing HHR Flyover for D-Wall Construction						
S9B-TTA-4600	Utility Diversion for D-Wall near Existing HHR Flyover Approach Ramp	35	35	22-Sep-14	26-Oct-14	-368	Calendar Day	Utility Diversion for D-Wall near Existing HHR Flyover Approach Ramp						
Section 11 of the Works - Remainder of Works								135	124	30-Aug-14 A	25-Feb-15	-330	Calendar Day	
Marine Works at WCR3								135	124	30-Aug-14 A	25-Feb-15	-330	Calendar Day	
S11-R3-1000	Demolition of Existing Ferry Pier	60	59	30-Aug-14 A	01-Dec-14	-314	HK Working Day	Demolition of Existing Ferry Pier						
S11-R3-1100	Mobilisation of Dredger of 1st Stage Dredging	2	2	21-Sep-14	22-Sep-14	-413	Calendar Day	Mobilisation of Dredger of 1st Stage Dredging						
S11-R3-0500A	Fabrication of Caisson Seawalls for WCR3 Reclamation (1st Stage - 2 Nos.)	60	60	21-Sep-14	19-Nov-14	-407	Calendar Day	Fabrication of Caisson Seawalls for WCR3 Reclamation (1st Stage - 2 Nos.)						
S11-R3-1200	1st Stage Dredging at Permanent Seawall Area by Night Work (60,000m3 @ 2,000m3/d)	30	30	23-Sep-14	29-Oct-14	-333	Working Day	1st Stage Dredging at Permanent Seawall Area by Night Work (60,000m3 @ 2,000m3/d)						
S11-R3-1300	1st Stage Rockfilling for Seawall by Night Work (24,000m3 @ 1000m3/d)	24	24	29-Oct-14	22-Nov-14	-415	Calendar Day	1st Stage Rockfilling for Seawall by Night Work (24,000m3 @ 1000m3/d)						
S11-R3-0500B	Fabrication of Caisson Seawalls for WCR3 Reclamation (2nd Stage - 3 Nos.)	90	90	20-Nov-14	17-Feb-15	-407	Calendar Day	Fabrication of Caisson Seawalls for WCR3 Reclamation (2nd Stage - 3 Nos.)						
S11-R3-1400	Placing leveling stones to -6.0mPD (1500m2 @ 40m2/d)	38	38	22-Nov-14	30-Dec-14	-415	Calendar Day	Placing leveling stones to -6.0mPD (1500m2 @ 40m2/d)						
S11-R3-1600	2nd Stage Dredging except the Existing Wan Chai Ferry Pier (20,000m3 @ 1,000m3/d)	20	20	02-Dec-14	21-Dec-14	-390	Calendar Day	2nd Stage Dredging except the Existing Wan Chai Ferry Pier (20,000m3 @ 1,000m3/d)						
S11-R3-1500	Installation of Permanent Seawall (3 nos.) & Rockfilling behind seawall	16	16	30-Dec-14	15-Jan-15	-415	Calendar Day	Installation of Permanent Seawall (3 nos.) & Rockfilling behind seawall						
S11-R3-1700	Reclamation from -14 mPD to -2.0mPD by Hopper (121,000m3 @ 3,000m3/d)	41	41	15-Jan-15	25-Feb-15	-415	Calendar Day	Reclamation from -14 mPD to -2.0mPD by Hopper (121,000m3 @ 3,000m3/d)						
Soft Landscaping & Establishment Works								2375	707	24-Feb-10 A	27-Aug-16	0	Calendar Day	
Section 8C of the Works - Landscape Softworks in Area 8								90	90	21-Sep-14	19-Dec-14	-312	Calendar Day	
S8C-0010	Carry out landscape soft work on new ferry pier	90	90	21-Sep-14	19-Dec-14	-312	Calendar Day	Carry out landscape soft work on new ferry pier						
Section 8D of the Works - Establishment Works in Area 8								365	365	20-Dec-14	19-Dec-15	-312	Calendar Day	
S8D-0010	Carry out establishment work on new ferry pier	365	365	20-Dec-14	19-Dec-15	-312	Calendar Day	Carry out establishment work on new ferry pier						
Section 12 of the Works - Protection and Preservation of Existing Trees								2375	707	24-Feb-10 A	27-Aug-16	0	Calendar Day	
S12-0010	Protection and preservation of existing trees	2375	707	24-Feb-10 A	27-Aug-16	0	Calendar Day	Protection and preservation of existing trees						

Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Calendar	2014					2015
								Sep 57	Oct 58	Nov 59	Dec 60	Jan 61	
Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai East (dd 20-Sep-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 Aea 7 (7-May-12)	0	0	20-Sep-14	20-Sep-14	-866	Calendar Day						
Soft Landscaping & Establishment Key Dates													
KDC0140	Section 8C Works (1473 days) - Landscape Softworks in Area 8 (10-Feb-14)	0	0	20-Sep-14	20-Sep-14	-222	Calendar Day						
Forecast Completion Dates													
Soft Landscaping & Establishment Key Dates													
KDF0140	Section 8C Works (1473 days) - Landscape Softworks in Area 8	0	0	19-Dec-14	19-Dec-14	-312	Calendar Day						
Preliminaries													
Critical Procurement & Site Delivery													
PRE-PRO-1100A	GRP Roof Panel for Temp Covered Walkway (Type 1)	60	21	15-Jun-14 A	11-Oct-14	1473	Calendar Day						
PRE-PRO-1100B	GRP Roof Panel for Temp Covered Walkway (Type 2)	60	21	15-Jun-14 A	11-Oct-14	1473	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 A	22-Oct-14	1173	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	148	16-Feb-14 A	15-Feb-15	1346	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	10	01-Oct-13 A	30-Sep-14	1484	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	61	21-Nov-13 A	20-Nov-14	1433	Calendar Day						
Section 5 of the Works - WSD Salt Water Pumping System													
Salt Water Intake Culvert Construction													
Bay 6 - Bay 18: Ex-Pet Garden & Hung Hing Road													
S5-100-3333	Backfilling to Bay 6 to Bay 11 (2,000m3; 150m3/d)	23	7	20-Apr-13 A	29-Sep-14	-707	HK Working Day						
Overall Testing & Commissioning of Re-provisioned Salt Water Intake System													
S5-0900	Outstanding Works	365	166	06-Mar-14 A	05-Mar-15	1328	Calendar Day						
Section 7 of the Works - Box Culvert N1 & Flood Relief System													
Box Culvert and Flood Relief System Construction													
S7-191212-260	Backfilling for 1050mm FRP installation & Strut Removal	4	4	22-Sep-14	26-Sep-14	-339	HK Working Day						
Works in Area 7													
S7-1700	D-Wall Trimming, Drain Installation & Backfilling to Ground Level (13,500m3; 1,000m3/d)	27	16	05-Sep-14 A	06-Oct-14	-882	Calendar Day						
S7-1800	Completion of Tunnel Portion 1 Backfilling	0	0	05-Sep-14 A	06-Oct-14	-882	Calendar Day						
Transformer Building for Dining Services at Ferry Pier (VO116)													
Civil Works													
S7-TB-2000	Lay 500mm thk. Rubble Mound	2	2	07-Oct-14	08-Oct-14	-907	HK Working Day						
S7-TB-2010	Blinding Layer	1	1	09-Oct-14	09-Oct-14	-907	HK Working Day						
S7-TB-2020	Base Slab Construction (9.3m x 4.9m x 1m thick)	7	7	10-Oct-14	17-Oct-14	-907	HK Working Day						
S7-TB-2030	Concrete Plinth, Side Wall, Beam & Corbel	14	14	21-Oct-14	05-Nov-14	-907	HK Working Day						
S7-TB-2040	Concrete In-Fill at Basement	3	3	10-Nov-14	12-Nov-14	-907	HK Working Day						
S7-TB-2050	Outer Wall & Partition Wall	21	21	13-Nov-14	06-Dec-14	-907	HK Working Day						
S7-TB-2060	Scaffolding Erection & Roof Construction	21	21	08-Dec-14	03-Jan-15	-907	HK Working Day						
S7-TB-2070	Curing	14	14	04-Jan-15	17-Jan-15	-1131	Calendar Day						
S7-TB-2080	Formwork Removal & Scaffolding Dismantling	4	4	19-Jan-15	22-Jan-15	-907	HK Working Day						
E&M Works													
S7-TB-4100	22kV Cable across HHR to Transformer Building by HEC	45	45	07-Oct-14	20-Nov-14	-1016	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	212	30	10-Sep-13 A	20-Oct-14	1464	Calendar Day						
Works in Area 8 - ABWF Works at Observation Deck of Ferry Pier													
S8B-FP-01100	Roof Finishes & Misc. ABWF Installation	120	30	28-Oct-13 A	20-Oct-14	1464	Calendar Day						
S8B-FP-01300	Handrail & Glass Balustrade Installation	45	7	21-Dec-13 A	27-Sep-14	1487	Calendar Day						
Section 9B of the Works - CWB Tunnel Structure (CH3400 - CH3796)													
Tunnel Portion 2 (CH3425-CH3500)													
Foundation													
S9B-T2-1125	Installation of Pump Test Equipment	77	24	11-Jun-14 A	21-Oct-14	117	HK Working Day						
S9B-T2-1130	Tunnel portion 2 Pump Test	35	12	11-Jun-14 A	07-Oct-14	147	Calendar Day						
CWB Structural Works													
S9B-T2-2000	Tunnel portion 2 ELSW excavation (62,500m3; 500m3/d)	14	14	08-Oct-14	21-Oct-14	147	Calendar Day						
Tunnel Portion 3 & Tunnel Portion 4 (CH3630-CH3790)													
Foundation													
Stage 2 - Southern Wall after HHR Flyover Diversion (Stage 1) (C130A-P131; P144-C154)													
S9B-T34-1230C	Pre-grouting & Guidewall for P147-P154	295	121	11-Feb-14 A	14-Feb-15	-297	Calendar Day						
S9B-T34-1230C	Pre-grouting & Guidewall for P147-P154	28	14	11-Feb-14 A	04-Oct-14	-271	Calendar Day						



	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-Sep-14)

Date	Revision	Checked	Approved
20-Sep-14	3MRP		
20-Feb-14	Baseline Prog		

Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Calendar	2014					2015	
								Sep 57	Oct 58	Nov 59	Dec 60	Jan 61		
S9B-T34-1260B	Bored Pile Construction (PS30-PS32; 14d/pile; 1 Rig)	42	14	07-Aug-14 A	04-Oct-14	-229	Calendar Day	Bored Pile Construction (PS30-PS32; 14d/pile; 1 Rig)						
S9B-T34-1250C	D-wall Construction along HHR slow lane (P147-C152, C154; 6d/Panel)	42	42	04-Jan-15	14-Feb-15	-362	Calendar Day	D-wall Construction along HHR slow lane (P147-C152, C154; 6d/Panel)						
Stage 3 - Northern Wall after T WCR4 Reclamation (C88-C105)								105	105	21-Sep-14	03-Jan-15	-362	Calendar Day	
S9B-T34-1435C	D-Wall Plant Mobilization after HHR Stage 2	21	21	21-Sep-14	11-Oct-14	-362	Calendar Day	D-Wall Plant Mobilization after HHR Stage 2						
S9B-T34-1430C	D-wall Construction at TWCR4 (C88-P94; P101-C105; 6d/Panel)	84	84	12-Oct-14	03-Jan-15	-362	Calendar Day	D-wall Construction at TWCR4 (C88-P94; P101-C105; 6d/Panel)						
Stage 4 - Southern Wall after HHR Flyover Diversion (Stage 2) (P132-P143)								96	96	22-Oct-14	25-Jan-15	-438	Calendar Day	
S9B-T34-1600	Complete Removal of Approach Ramp of Existing HHR Flyover	0	0	22-Oct-14		-438	Calendar Day	Complete Removal of Approach Ramp of Existing HHR Flyover						
S9B-T34-1610	Pre-drilling at HHR Flyover	26	26	22-Oct-14	16-Nov-14	-438	Calendar Day	Pre-drilling at HHR Flyover						
S9B-T34-1620	Pre-grouting at HHR Flyover	21	21	17-Nov-14	07-Dec-14	-389	Calendar Day	Pre-grouting at HHR Flyover						
S9B-T34-1630	Guide Wall construction at HHR Flyover	21	21	17-Nov-14	07-Dec-14	-389	Calendar Day	Guide Wall construction at HHR Flyover						
S9B-T34-1650	Bored Pile Construction (PS34-PS38; 14d/pile; 1 Rig)	70	70	17-Nov-14	25-Jan-15	-438	Calendar Day	Bored Pile Construction (PS34-PS38; 14d/pile; 1 Rig)						
Temp Works for HHR Flyover Diversion (Stage 2)								28	28	22-Sep-14	26-Oct-14	-295	Calendar Day	
At-Grade Roadworks								28	28	22-Sep-14	26-Oct-14	-295	Calendar Day	
S9B-TTA-4500	Demolish of Approach Ramp of Existing HHR Flyover for D-Wall Construction	24	24	22-Sep-14	21-Oct-14	-352	HK Working Day	Demolish of Approach Ramp of Existing HHR Flyover for D-Wall Construction						
S9B-TTA-4600	Utility Diversion for D-Wall near Existing HHR Flyover Approach Ramp	35	35	22-Sep-14	26-Oct-14	-368	Calendar Day	Utility Diversion for D-Wall near Existing HHR Flyover Approach Ramp						
Section 11 of the Works - Remainder of Works								135	124	30-Aug-14 A	25-Feb-15	-330	Calendar Day	
Marine Works at WCR3								135	124	30-Aug-14 A	25-Feb-15	-330	Calendar Day	
S11-R3-1000	Demolition of Existing Ferry Pier	60	59	30-Aug-14 A	01-Dec-14	-314	HK Working Day	Demolition of Existing Ferry Pier						
S11-R3-1100	Mobilisation of Dredger of 1st Stage Dredging	2	2	21-Sep-14	22-Sep-14	-413	Calendar Day	Mobilisation of Dredger of 1st Stage Dredging						
S11-R3-0500A	Fabrication of Caisson Seawalls for WCR3 Reclamation (1st Stage - 2 Nos.)	60	60	21-Sep-14	19-Nov-14	-407	Calendar Day	Fabrication of Caisson Seawalls for WCR3 Reclamation (1st Stage - 2 Nos.)						
S11-R3-1200	1st Stage Dredging at Permanent Seawall Area by Night Work (60,000m3 @ 2,000m3/d)	30	30	23-Sep-14	29-Oct-14	-333	Working Day	1st Stage Dredging at Permanent Seawall Area by Night Work (60,000m3 @ 2,000m3/d)						
S11-R3-1300	1st Stage Rockfilling for Seawall by Night Work (24,000m3 @ 1000m3/d)	24	24	29-Oct-14	22-Nov-14	-415	Calendar Day	1st Stage Rockfilling for Seawall by Night Work (24,000m3 @ 1000m3/d)						
S11-R3-0500B	Fabrication of Caisson Seawalls for WCR3 Reclamation (2nd Stage - 3 Nos.)	90	90	20-Nov-14	17-Feb-15	-407	Calendar Day	Fabrication of Caisson Seawalls for WCR3 Reclamation (2nd Stage - 3 Nos.)						
S11-R3-1400	Placing leveling stones to -6.0mPD (1500m2 @ 40m2/d)	38	38	22-Nov-14	30-Dec-14	-415	Calendar Day	Placing leveling stones to -6.0mPD (1500m2 @ 40m2/d)						
S11-R3-1600	2nd Stage Dredging except the Existing Wan Chai Ferry Pier (20,000m3 @ 1,000m3/d)	20	20	02-Dec-14	21-Dec-14	-390	Calendar Day	2nd Stage Dredging except the Existing Wan Chai Ferry Pier (20,000m3 @ 1,000m3/d)						
S11-R3-1500	Installation of Permanent Seawall (3 nos.) & Rockfilling behind seawall	16	16	30-Dec-14	15-Jan-15	-415	Calendar Day	Installation of Permanent Seawall (3 nos.) & Rockfilling behind seawall						
S11-R3-1700	Reclamation from -14 mPD to -2.0mPD by Hopper (121,000m3 @ 3,000m3/d)	41	41	15-Jan-15	25-Feb-15	-415	Calendar Day	Reclamation from -14 mPD to -2.0mPD by Hopper (121,000m3 @ 3,000m3/d)						
Soft Landscaping & Establishment Works								2375	707	24-Feb-10 A	27-Aug-16	0	Calendar Day	
Section 8C of the Works - Landscape Softworks in Area 8								90	90	21-Sep-14	19-Dec-14	-312	Calendar Day	
S8C-0010	Carry out landscape soft work on new ferry pier	90	90	21-Sep-14	19-Dec-14	-312	Calendar Day	Carry out landscape soft work on new ferry pier						
Section 8D of the Works - Establishment Works in Area 8								365	365	20-Dec-14	19-Dec-15	-312	Calendar Day	
S8D-0010	Carry out establishment work on new ferry pier	365	365	20-Dec-14	19-Dec-15	-312	Calendar Day	Carry out establishment work on new ferry pier						
Section 12 of the Works - Protection and Preservation of Existing Trees								2375	707	24-Feb-10 A	27-Aug-16	0	Calendar Day	
S12-0010	Protection and preservation of existing trees	2375	707	24-Feb-10 A	27-Aug-16	0	Calendar Day	Protection and preservation of existing trees						



Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	Calendar	Activity % Complete	2014				2015
								Sep	Oct	Nov	Dec	Jan
HK/2012/08 3M Rolling Programme [Sep 2014 to Nov 2014] based on Rev.3/1 (DD 01Sep14)												
Key Dates and Milestone Dates												
Sections of Works Completion (Updated to EOT Order No.3)												
KD10920	Completion of Section VIB	0		04-Sep-14*	0	C3 - 7D w/o holiday	0%					
Planned Sections of Works Completion												
KD10180	Planned Section VIB Completion - Demolish Pump House	0		04-Sep-14	0	C3 - 7D w/o holiday	0%					
Dredging and Reclamation												
Marine Work Construction												
Dredging												
Dredging - Zone D												
MAR11880	Zone D - Remove existing rock armour [S8-S11]	65	16-Apr-14 A	07-Nov-14	28	C3 - 7D w/o holiday	0%					
MAR11900	Zone D - dredging [R8-R10] for caisson 2F, 1C and 1A	22	02-Dec-13 A	11-Oct-14	192	C3 - 7D w/o holiday	0%					
MAR11910	Zone D - dredging [R11-R12] for caisson 2 and 1A-L	2	05-Oct-14	06-Oct-14	28	C3 - 7D w/o holiday	0%					
MAR12685	Zone D - Final Hydrographic Survey [R11-R12]	6	07-Oct-14	13-Oct-14	24	C3 - 6D w/ holiday	0%					
Seawall Construction												
Seawall Construction - Zone D												
MAR11835	Zone D - fill rock mound for Seawall 1C	8	03-Oct-14	10-Oct-14	0	C3 - 7D w/o holiday	0%					
MAR11837	Zone D - lay toe block and level stone for Seawall 1C	12	11-Oct-14	22-Oct-14	0	C3 - 7D w/o holiday	0%					
MAR11839	Zone D - fill temp. rock bund at Seawall 1C - fill rock to +4.0mPD	6	18-Nov-14	23-Nov-14	0	C3 - 7D w/o holiday	0%					
MAR11841	Zone D - fill rock mound for Seawall 1A	8	01-Oct-14	08-Oct-14	45	C3 - 7D w/o holiday	0%					
MAR11842	Zone D - lay toe block and level stone for Seawall 1A	12	09-Oct-14	20-Oct-14	45	C3 - 7D w/o holiday	0%					
MAR11843	Zone D - fill rock mound for Seawall 2	8	01-Oct-14	08-Oct-14	84	C3 - 7D w/o holiday	0%					
MAR11844	Zone D - lay toe block and level stone for Seawall 2	20	09-Oct-14	31-Oct-14	74	C3 - 6D w/ holiday	0%					
MAR11885	Zone D - deliver and Install Caisson Seawall 2F	5	30-Aug-14 A	04-Sep-14	0	C3 - 7D w/o holiday	20%					
MAR11886	Zone D - Caisson Seawall 2F - grouting to recess between piles & base slab and remove buoyancy tanks	28	05-Sep-14	02-Oct-14	20	C3 - 7D w/o holiday	0%					
MAR11888	Zone D - Caisson Seawall 2F - fill type A rockfill (-10mPD to +1.3mPD)	20	03-Oct-14	25-Oct-14	17	C3 - 6D w/ holiday	0%					
MAR11890	Zone D - Caisson Seawall 2F - lay geotextile and filter (-10mPD to +1.3mPD)	7	27-Oct-14	03-Nov-14	17	C3 - 6D w/ holiday	0%					
MAR11940	Zone D - deliver and Install Caisson Seawall 1C	3	23-Oct-14	25-Oct-14	0	C3 - 6D w/ holiday	0%					
MAR11945	Zone D - Caisson Seawall 1C - fill type A rockfill (-10mPD to +1.3mPD)	13	27-Oct-14	10-Nov-14	0	C3 - 6D w/ holiday	0%					
MAR11947	Zone D - Caisson Seawall 1C - lay geotextile and filter (-10mPD to +1.3mPD)	6	11-Nov-14	17-Nov-14	0	C3 - 6D w/ holiday	0%					
MAR11950	Zone D - complete fabrication of Caisson Seawall 1A and ready for delivery	0		17-Oct-14*	0	C3 - 6D w/ holiday	0%					
MAR11960	Zone D - deliver and Install Caisson Seawall 1A	3	06-Nov-14	08-Nov-14	25	C3 - 6D w/ holiday	0%					
MAR11980	Zone D - deliver and Install Caisson Seawall 2	3	30-Nov-14	02-Dec-14	61	C3 - 7D w/o holiday	0%					
MAR12020	Zone D - complete fabrication of Caisson Seawall 1A-L and ready for delivery	0		25-Nov-14*	0	C3 - 6D w/ holiday	0%					
Filling												
Filling - Zone D												
MAR12040	Zone D - Sorted Public Fill up to +2.5mPD (south area behind caisson 2F and 1C)	19	24-Nov-14	15-Dec-14	0	C3 - 6D w/ holiday	0%					

Data Date: 01-Sep-14

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

3-Month Rolling Programme (Sep 2014 to Nov 2014)
(For Non-CRIII Area)

Date	Revision	Checked	Approved
01-Sep-14	Rev. 3/1		



Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	Calendar	Activity % Complete	2014				2015
								Sep	Oct	Nov	Dec	Jan
Works for Section Completion												
Construction												
Section II - MVB Structure												
Section II - MVB Substructure - Design, Submission and Approval												
SII10180	Sec II - MVB - MS for pumping test - prepare and submit to ICE	2	16-Oct-14	17-Oct-14	24	C3 - 7D w/o holiday	0%					
SII10200	Sec II - MVB - MS for pumping test - ICE check & issue cert	14	18-Oct-14	31-Oct-14	24	C3 - 7D w/o holiday	0%					
SII10220	Sec II - MVB - MS for pumping test - Eng comment and approve	28	01-Nov-14	28-Nov-14	24	C3 - 7D w/o holiday	0%					
SII10280	Sec II - MVB - Temp work design for bulk exc & ELS - Eng comment and approve	28	07-Jul-14 A	06-Sep-14	134	C3 - 7D w/o holiday	78.57%					
SII12321	Sec II - MVB - Temp works for ELS & bulk exc - Prepare tender and sub-contract	120	23-Jun-14 A	30-Nov-14	49	C3 - 7D w/o holiday	24.17%					
SII12322	Sec II - MVB - Temp works for ELS & bulk exc - Award of sub-contract	0		30-Nov-14	49	C3 - 7D w/o holiday	0%					
MVB Substructure - Diaphragm Wall and Sheetpile Wall												
SII10440	Sec II - MVB - predrilling and ground pretreatment for Dwall	158	17-Mar-14 A	29-Nov-14	1227	C3 - 6D w/ holiday	52.53%					
SII10480	Sec II - MVB A - construct Dwall [P1-P12, P34-P40] (1.5m thk on rock)	177	28-May-14 A	05-Dec-14	0	C3 - 6D w/ holiday	54.8%					
SII10500	Sec II - MVB A - contact grout / fissure grout / install pumping well	54	14-Oct-14	15-Dec-14	6	C3 - 6D w/ holiday	0%					
SII10540	Sec II - MVB B - construct Dwall [P13-P33] (1.5m thk on rock)	187	16-Apr-14 A	04-Dec-14	10	C3 - 6D w/ holiday	57.75%					
SII10560	Sec II - MVB B - contact grout / fissure grout / install pumping well	54	14-Oct-14	15-Dec-14	6	C3 - 6D w/ holiday	0%					
SII10590	Sec II - MVB A&B - grout curtain and fissure grout	56	13-Oct-14	16-Dec-14	7	C3 - 6D w/ holiday	0%					
SII10624	Sec II - SCL Enabling Works - Construct Guide Wall - CW2	4	18-Sep-14	22-Sep-14	6	C3 - 6D w/ holiday	0%					
SII10638	Sec II - SCL Enabling Works - construct Dwall - CW2 [1 panel] (1.5m thk)	18	23-Sep-14	15-Oct-14	6	C3 - 6D w/ holiday	0%					
MVB Substructure - Diaphragm Wall - Construction Sequences												
Group 1												
SII-10150	Sec II - MVB - Dwall P31	21	25-Aug-14 A	17-Sep-14	17	C3 - 6D w/ holiday	33.33%					
SII-10160	Sec II - MVB - Dwall P18	20	08-Sep-14	03-Oct-14	17	C3 - 6D w/ holiday	0%					
SII-10170	Sec II - MVB - Dwall P24	18	23-Sep-14	15-Oct-14	17	C3 - 6D w/ holiday	0%					
SII-10180	Sec II - MVB - Dwall P25	20	20-Oct-14	11-Nov-14	17	C3 - 6D w/ holiday	0%					
SII-10190	Sec II - MVB - Dwall P26	17	13-Nov-14	02-Dec-14	17	C3 - 6D w/ holiday	0%					
Group 2												
SII-10290	Sec II - MVB - Dwall P27	23	11-Aug-14 A	05-Sep-14	15	C3 - 6D w/ holiday	78.26%					
SII-10300	Sec II - MVB - Dwall P22	21	20-Oct-14	12-Nov-14	15	C3 - 6D w/ holiday	0%					
SII-10310	Sec II - MVB - Dwall P23	19	13-Nov-14	04-Dec-14	15	C3 - 6D w/ holiday	0%					
Group 3												
SII-11380	Sec II - MVB - Dwall P31	23	22-Aug-14 A	17-Sep-14	69	C3 - 6D w/ holiday	39.13%					
SII-11400	Sec II - MVB - Dwall P32	11	18-Sep-14	30-Sep-14	69	C3 - 6D w/ holiday	0%					
Group 4												
SII-10390	Sec II - MVB - Dwall P2	21	11-Aug-14 A	05-Sep-14	14	C3 - 6D w/ holiday	76.19%					
SII-10400	Sec II - MVB - Dwall P35	20	29-Aug-14 A	25-Sep-14	14	C3 - 6D w/ holiday	0%					
SII-10410	Sec II - MVB - Dwall P06 (seawall)	20	04-Aug-14 A	12-Sep-14	14	C3 - 6D w/ holiday	50%					
SII-10420	Sec II - MVB - Dwall P41	16	16-Sep-14	06-Oct-14	14	C3 - 6D w/ holiday	0%					
SII-10430	Sec II - MVB - Dwall P3	19	19-Sep-14	13-Oct-14	14	C3 - 6D w/ holiday	0%					
SII-10440	Sec II - MVB - Dwall P12	13	30-Sep-14	16-Oct-14	14	C3 - 6D w/ holiday	0%					
SII-10450	Sec II - MVB - Dwall P09	17	29-Sep-14	20-Oct-14	14	C3 - 6D w/ holiday	0%					



Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	Calendar	Activity % Complete	2014				2015
								Sep	Oct	Nov	Dec	Jan
SII-10460	Sec II - MVB - Dwall P40	19	07-Oct-14	28-Oct-14	14	C3 - 6D w/ holiday	0%					
SII-10470	Sec II - MVB - Dwall P05 (seawall)	11	21-Oct-14	01-Nov-14	14	C3 - 6D w/ holiday	0%					
SII-10480	Sec II - MVB - Dwall P34	18	17-Oct-14	06-Nov-14	14	C3 - 6D w/ holiday	0%					
SII-10490	Sec II - MVB - Dwall P12A	23	22-Oct-14	17-Nov-14	14	C3 - 6D w/ holiday	0%					
SII-10492	Sec II - MVB - Dwall P7	14	03-Nov-14	18-Nov-14	14	C3 - 6D w/ holiday	0%					
SII-10494	Sec II - MVB - Dwall P39	23	30-Oct-14	25-Nov-14	14	C3 - 6D w/ holiday	0%					
SII-10496	Sec II - MVB - Dwall P33	24	06-Nov-14	03-Dec-14	14	C3 - 6D w/ holiday	0%					
SII-10500	Sec II - MVB - Dwall P4	15	19-Nov-14	05-Dec-14	14	C3 - 6D w/ holiday	0%					
MVB Substructure - Bored Pile and Prebored H-Pile												
SII10320	Sec II - MVB A&B - Predrilling for bored pile	90	10-May-14 A	15-Sep-14	52	C3 - 6D w/ holiday	86.67%					
SII10340	Sec II - MVB A&B - Construct bored piles	146	26-Jun-14 A	17-Dec-14	4	C3 - 6D w/ holiday	38.36%					
SII10360	Sec II - MVB A&B - bored pile sonic test, interface core & full core	90	11-Sep-14	29-Dec-14	16	C3 - 6D w/ holiday	0%					
MVB Substructure - Bored Pile - Construction Sequences												
Group 1												
SII-11040	Ssec II - MVB - Bored Pile BC2-B	14	01-Sep-14	17-Sep-14	10	C3 - 6D w/ holiday	0%					
SII-11050	Ssec II - MVB - Bored Pile BC4-B	15	06-Sep-14	24-Sep-14	10	C3 - 6D w/ holiday	0%					
SII-11060	Ssec II - MVB - Bored Pile BC1-A	16	26-Sep-14	16-Oct-14	10	C3 - 6D w/ holiday	0%					
SII-11070	Ssec II - MVB - Bored Pile BC5	15	06-Oct-14	22-Oct-14	10	C3 - 6D w/ holiday	0%					
SII-11080	Ssec II - MVB - Bored Pile BC3-B	15	24-Oct-14	10-Nov-14	10	C3 - 6D w/ holiday	0%					
SII-11200	Ssec II - MVB - Bored Pile BC7	15	30-Oct-14	15-Nov-14	10	C3 - 6D w/ holiday	0%					
SII-11210	Ssec II - MVB - Bored Pile BC9	15	18-Nov-14	04-Dec-14	10	C3 - 6D w/ holiday	0%					
SII-11240	Ssec II - MVB - Bored Pile BC18	15	24-Nov-14	10-Dec-14	10	C3 - 6D w/ holiday	0%					
Group 2												
SII-11100	Ssec II - MVB - Bored Pile BC10	15	20-Aug-14 A	06-Sep-14	4	C3 - 6D w/ holiday	60%					
SII-11110	Ssec II - MVB - Bored Pile BC6	15	29-Aug-14 A	11-Sep-14	4	C3 - 6D w/ holiday	40%					
SII-11120	Ssec II - MVB - Bored Pile BC14	13	13-Sep-14	27-Sep-14	4	C3 - 6D w/ holiday	0%					
SII-11130	Ssec II - MVB - Bored Pile BC3-A	13	19-Sep-14	06-Oct-14	4	C3 - 6D w/ holiday	0%					
SII-11140	Ssec II - MVB - Bored Pile BC16	15	08-Oct-14	24-Oct-14	4	C3 - 6D w/ holiday	0%					
SII-11150	Ssec II - MVB - Bored Pile BC8	14	14-Oct-14	29-Oct-14	4	C3 - 6D w/ holiday	0%					
SII-11160	Ssec II - MVB - Bored Pile BC17	15	31-Oct-14	17-Nov-14	4	C3 - 6D w/ holiday	0%					
SII-11170	Ssec II - MVB - Bored Pile BC11	15	06-Nov-14	22-Nov-14	4	C3 - 6D w/ holiday	0%					
SII-11180	Ssec II - MVB - Bored Pile BC15	15	25-Nov-14	11-Dec-14	4	C3 - 6D w/ holiday	0%					
Section II A - CWB Tunnel & Slip Road Structures and Facilities												
Section II A - CWB Tunnel - Design, Submission and Approval												
SIIA10500	CWB Tunnel - Temp work design for bulk exc & ELS - ICE check & issue check cert	26	17-Apr-14 A	26-Sep-14	149	C3 - 7D w/o holiday	0%					
SIIA10520	CWB Tunnel - Temp work design for bulk exc & ELS - Eng comment & approve	26	24-Apr-14 A	26-Sep-14	149	C3 - 7D w/o holiday	10%					
CWB CRIII & A1												
CWB CRIII & A1 - Dwall and Pile Construction												
SIIA11060	Sec II A - CWB A1 - predrilling for Dwall and piles	55	23-Jun-14 A	07-Oct-14	23	C3 - 6D w/ holiday	47.27%					
SIIA11080	Sec II A - CWB A1 - carry out ground pretreatment for Dwall	60	19-Jul-14 A	27-Sep-14	23	C3 - 6D w/ holiday	61.67%					
SIIA11100	Sec II A - CWB A1 - construct Guide Wall	48	09-Aug-14 A	07-Oct-14	23	C3 - 6D w/ holiday	39.58%					



Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	Calendar	Activity % Complete	2014				2015
								Sep	Oct	Nov	Dec	Jan
SIIA11120	Sec II A - CWB A1 - construct temporary DWall and temp bulk head wall	76	30-Aug-14 A	01-Dec-14	0	C3 - 6D w/ holiday	0%					
SIIA11140	Sec II A - CWB A1 - Construct pre-bored H-pile	85	13-Sep-14	23-Dec-14	0	C3 - 6D w/ holiday	0%					
SIIA11180	Sec II A - CWB A1 - D-wall grout curtain / contact grout	45	17-Oct-14	08-Dec-14	13	C3 - 6D w/ holiday	0%					
SIIA11220	Sec II A - CWB A1 - D-wall Sonic test	60	27-Sep-14	08-Dec-14	13	C3 - 6D w/ holiday	0%					
SIIA11240	Sec II A - CWB A1 - install dewater/ recharge / observation well	25	17-Nov-14	15-Dec-14	7	C3 - 6D w/ holiday	0%					
CWB A2 & B												
CWB A2 & B - Dwall Construction												
SIIA11460	Sec II A - CWB B: Predrilling for Dwall & piles	75	06-Aug-14 A	04-Nov-14	5	C3 - 6D w/ holiday	29.33%					
SIIA11480	Sec II A - CWB B: ground treatment	60	08-Sep-14	19-Nov-14	5	C3 - 6D w/ holiday	0%					
SIIA11500	Sec II A - CWB B: construct Guide Wall	30	08-Sep-14	15-Oct-14	5	C3 - 6D w/ holiday	0%					
SIIA11520	Sec II A - CWB B: Construct DWall and barrette (1.2m thk on rock) in Relieve Measure Area	83	10-Sep-14	17-Dec-14	5	C3 - 6D w/ holiday	0%					
SIIA11580	Sec II A - CWB B: Dwall sonic test / interface core	120	31-Oct-14	28-Mar-15	62	C3 - 6D w/ holiday	0%					
SIIA11600	Sec II A - CWB B: Dwall grout curtain / contact grout	120	31-Oct-14	28-Mar-15	62	C3 - 6D w/ holiday	0%					
SIIA13340	Sec II A - CWB A2(1): Predrilling for Dwall & piles	54	25-Sep-14	28-Nov-14	36	C3 - 6D w/ holiday	0%					
SIIA13360	Sec II A - CWB A2(1): ground pretreatment	46	04-Oct-14	26-Nov-14	36	C3 - 6D w/ holiday	0%					
SIIA13380	Sec II A - CWB A2(1): Guide Wall	60	05-Nov-14	16-Jan-15	36	C3 - 6D w/ holiday	0%					
CWB C												
CWB C - Dwall Construction												
SIIA11880	Sec II A - CWB CW: Predrilling for Dwall & piles	70	04-Aug-14 A	06-Oct-14	35	C3 - 6D w/ holiday	60%					
SIIA11900	Sec II A - CWB CW: ground Pre-treatment	70	01-Sep-14	24-Nov-14	35	C3 - 6D w/ holiday	0%					
SIIA11920	Sec II A - CWB CW: Guide Wall	60	19-Sep-14	29-Nov-14	35	C3 - 6D w/ holiday	0%					
SIIA12960	Sec II A - CWB CE: Predrilling for Dwall	90	28-Jul-14 A	15-Oct-14	102	C3 - 6D w/ holiday	60%					
SIIA15000	Sec II A - CWB CE: extract existing pipe pile	52	01-Nov-14	03-Jan-15	136	C3 - 6D w/ holiday	0%					
CWB C - Exhaust Duct												
SIIA12820	Sec II A - Exhaust Duct at Slip Rd3: Predrilling for Piles	26	16-Oct-14	14-Nov-14	260	C3 - 6D w/ holiday	0%					
Section VI A - Box Culvert La, L1 & FRP-L Construction												
Sec VI A - Box Culvert La bay 1-3 and Roadwork												
Box Culvert La Bay 1-3												
CUL10480	Sec VI A - Area 1 - Culvert L bay 1-3 - excavation and ELS installation	90	14-Mar-14 A	06-Sep-14	-27	C3 - 6D w/ holiday	93.33%					
CUL10540	Sec VI A - Area 1 - Culvert L bay 1-3 - construct bay 3 - wall	9	25-Aug-14 A	10-Sep-14	-61	C3 - 6D w/ holiday	11.11%					
CUL10560	Sec VI A - Area 1 - Culvert L bay 1-3 - construct bay 3 - top slab	8	11-Sep-14	19-Sep-14	-55	C3 - 6D w/ holiday	0%					
CUL10570	Sec VI A - Area 1 - Culvert L bay 3 wall and roof slab - curing, backfill and remove upper layer of strut	9	20-Sep-14	30-Sep-14	-55	C3 - 6D w/ holiday	0%					
CUL10600	Sec VI A - Area 1 - Culvert L bay 1-3 - construct bay 2 - base slab	6	03-Oct-14	09-Oct-14	-55	C3 - 6D w/ holiday	0%					
CUL10610	Sec VI A - Area 1 - Culvert L bay 2 base slab - curing, backfill and remove upper layer of strut	5	10-Oct-14	15-Oct-14	-55	C3 - 6D w/ holiday	0%					
CUL10620	Sec VI A - Area 1 - Culvert L bay 1-3 - construct bay 2 - wall	8	16-Oct-14	24-Oct-14	-53	C3 - 6D w/ holiday	0%					
CUL10640	Sec VI A - Area 1 - Culvert L bay 1-3 - construct bay 2 - top slab	8	21-Oct-14	29-Oct-14	-53	C3 - 6D w/ holiday	0%					
CUL10650	Sec VI A - Area 1 - Culvert L bay 2 wall and top slab - curing, backfill and remove upper layer of strut	9	30-Oct-14	08-Nov-14	-52	C3 - 6D w/ holiday	0%					
CUL10660	Sec VI A - Area 1 - Culvert L bay 1-3 - construct bay 1 - base slab	6	14-Oct-14	20-Oct-14	-55	C3 - 6D w/ holiday	0%					
CUL10670	Sec VI A - Area 1 - Culvert L bay 1 base slab - curing, backfill and remove upper layer of strut	5	21-Oct-14	25-Oct-14	-55	C3 - 6D w/ holiday	0%					
CUL10675	Sec VI A - Area 1 - Culvert L bay 1 invert slab connected to existing culvert	5	27-Oct-14	31-Oct-14	-55	C3 - 6D w/ holiday	0%					
CUL10680	Sec VI A - Area 1 - Culvert L bay 1-3 - construct bay 1 - wall	9	01-Nov-14	11-Nov-14	-55	C3 - 6D w/ holiday	0%					

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							

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- Summary Bar
- Actual Level of Effort
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- Milestone

China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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

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

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

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

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

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

- 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

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

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China State Construction Engineering (Hong Kong) Ltd

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CHINA STATE CONSTRUCTION ENGINEERING HONG KONG LTD.

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

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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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中國建築工程(香港)有限公司

CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
A8865	EB, Inner Bench From East, CH 4145- 4135 = 10m	7d/wk-1a	15d	12-Mar-15 08	26-Mar-15 18	11d			■ EB, Inner Bench From East, CH 4145- 4135 = 10m					
A8870	EB, Inner Bench From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	28-Mar-15 08	12-Apr-15 18	10d			■ EB, Inner Bench From East, CH 4135- 4125 = 10m					
A8855	EB, Inner Bench From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	18-Apr-15 08	03-May-15 18	5d			■ EB, Inner Bench From East, CH 4125- 4115 = 10m					
A8875	EB, Inner Bench From East, CH 4115- 4105 = 10m	7d/wk-1a	15d	09-May-15 08	23-May-15 18	0d			■ EB, Inner Bench From East, CH 4115- 4105 = 10m					
A9915	EB, Inner Bench From East, CH 4105- 4095 = 10m	7d/wk-1a	15d	24-May-15 08	08-Jun-15 18	0d			■ EB, Inner Bench From East, CH 4105- 4095 = 10m					
Tunnel Lining Works														
From West Base Slab (10m/bay, 10m separation with benching excavation)														
A8900	EB From West, Base Slab CH 3990 - 3995 = 1 bay	7d/wk-1a	10d	04-Dec-14 08	13-Dec-14 18	33d			■ EB From West, Base Slab CH 3990 - 3995 = 1 bay					
A8890	EB From West, Base Slab CH 3995 - 4005 = 10m/bay	7d/wk-1a	10d	04-Jan-15 08	13-Jan-15 18	14d			■ EB From West, Base Slab CH 3995 - 4005 = 10m/bay					
A8905	EB From West, Base Slab CH 4005 - 4015 = 10m/bay	7d/wk-1a	10d	24-Jan-15 08	02-Feb-15 18	4d			■ EB From West, Base Slab CH 4005 - 4015 = 10m/bay					
A8910	EB From West, Base Slab CH 4015 - 4025 = 10m/bay	7d/wk-1a	10d	13-Feb-15 08	25-Feb-15 18	14d			■ EB From West, Base Slab CH 4015 - 4025 = 10m/bay					
A8915	EB From West, Base Slab CH 4025 - 4035 = 10m/bay	7d/wk-1a	10d	08-Mar-15 08	17-Mar-15 18	12d			■ EB From West, Base Slab CH 4025 - 4035 = 10m/bay					
A8920	EB From West, Base Slab CH 4035 - 4045 = 10m/bay	7d/wk-1a	10d	28-Mar-15 08	07-Apr-15 18	8d			■ EB From West, Base Slab CH 4035 - 4045 = 10m/bay					
A8925	EB From West, Base Slab CH 4045 - 4055 = 10m/bay	7d/wk-1a	10d	18-Apr-15 08	27-Apr-15 18	4d			■ EB From West, Base Slab CH 4045 - 4055 = 10m/bay					
A8930	EB From West, Base Slab CH 4055 - 4065 = 10m/bay	7d/wk-1a	10d	04-May-15 08	13-May-15 18	5d			■ EB From West, Base Slab CH 4055 - 4065 = 10m/bay					
A8880	EB From West, Base Slab CH 4065 - 4075 = 10m/bay	7d/wk-1a	10d	20-May-15 08	29-May-15 18	5d			■ EB From West, Base Slab CH 4065 - 4075 = 10m/bay					
A8885	EB From West, Base Slab CH 4075 - 4085 = 10m/bay	7d/wk-1a	10d	04-Jun-15 08	13-Jun-15 18	0d			■ EB From West, Base Slab CH 4075 - 4085 = 10m/bay					
A8895	EB From West, Base Slab CH 4085 - 4095 = 10m/bay	7d/wk-1a	10d	14-Jun-15 08	24-Jun-15 18	0d			■ EB From West, Base Slab CH 4085 - 4095 = 10m/bay					
From East Base Slab (10m/bay, 10m separation with benching excavation)														
A9905	EB From East, Base Slab CH 4149.5 - 4145 = 4.5m	7d/wk-1a	10d	13-Apr-15 08	22-Apr-15 18	26d			■ EB From East, Base Slab CH 4149.5 - 4145 = 4.5m					
A9900	EB From East, Base Slab CH 4145 - 4135 = 10m/bay	7d/wk-1a	10d	04-May-15 08	13-May-15 18	16d			■ EB From East, Base Slab CH 4145 - 4135 = 10m/bay					
A9895	EB From East, Base Slab CH 4135 - 4125 = 10m/bay	7d/wk-1a	10d	24-May-15 08	02-Jun-15 18	6d			■ EB From East, Base Slab CH 4135 - 4125 = 10m/bay					
A9890	EB From East, Base Slab CH 4125 - 4115 = 10m/bay	7d/wk-1a	10d	09-Jun-15 08	18-Jun-15 18	0d			■ EB From East, Base Slab CH 4125 - 4115 = 10m/bay					
A9885	EB From East, Base Slab CH 4115 - 4105 = 10m/bay	7d/wk-1a	10d	19-Jun-15 08	29-Jun-15 18	0d			■ EB From East, Base Slab CH 4115 - 4105 = 10m/bay					
A9880	EB From East, Base Slab CH 4105 - 4095 = 10m/bay	7d/wk-1a	10d	30-Jun-15 08	10-Jul-15 18	0d			■ EB From East, Base Slab CH 4105 - 4095 = 10m/bay					
Lining (5m/bay, 15m separation with base slab)														
A9065	EB From West, Lining CH 3990 - 3995 = 1bay	7d/wk-1a	10d	03-Feb-15 08	12-Feb-15 18	4d			■ EB From West, Lining CH 3990 - 3995 = 1bay					
A9005	EB From West, Lining CH 3995 - 4000 = 1bay	7d/wk-1a	10d	13-Feb-15 08	25-Feb-15 18	4d			■ EB From West, Lining CH 3995 - 4000 = 1bay					
A9090	EB From West, Lining CH 4000 - 4005 = 1bay	7d/wk-1a	10d	26-Feb-15 08	07-Mar-15 18	4d			■ EB From West, Lining CH 4000 - 4005 = 1bay					

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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



Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
A9100	WB,Inner Heading From West, CH 4025- 4035 = 10m @2d/m	7d/wk-1a	20d	30-Dec-14 08	19-Jan-15 18	0d		■	WB,Inner Heading From West, CH 4025- 4035 = 10m @2d/m					
A9105	WB,Inner Heading From West, CH 4035- 4045 = 10m @2d/m	7d/wk-1a	20d	20-Jan-15 08	08-Feb-15 18	0d		■	WB,Inner Heading From West, CH 4035- 4045 = 10m @2d/m					
A9110	WB,Inner Heading From West, CH 4045- 4055 = 10m @2d/m	7d/wk-1a	20d	09-Feb-15 08	03-Mar-15 18	0d		■	WB,Inner Heading From West, CH 4045- 4055 = 10m @2d/m					
A9115	WB,Inner Heading From West, CH 4055- 4065 = 10m @ 2d/m	7d/wk-1a	20d	04-Mar-15 08	23-Mar-15 18	0d		■	WB,Inner Heading From West, CH 4055- 4065 = 10m @ 2d/m					
A9120	WB,Inner Heading From West, CH 4065- 4075 = 10m, @ 2d/m	7d/wk-1a	20d	24-Mar-15 08	13-Apr-15 18	0d		■	WB,Inner Heading From West, CH 4065- 4075 = 10m, @ 2d/m					
A9125	WB,Inner Heading From West, CH 4075- 4085 = 10m @ 2d/m	7d/wk-1a	20d	14-Apr-15 08	04-May-15 18	0d		■	WB,Inner Heading From West, CH 4075- 4085 = 10m @ 2d/m					
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					

- 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			
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											

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

Summary Bar
 Actual Level of Effort
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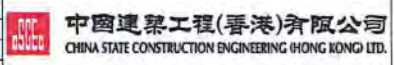
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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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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
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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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

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

18 of 18

China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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



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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014		2015	
						Nov	Dec	Jan	Feb
Update 2014-11-20 CWB - Central Interchange (2014-06-20) Revised DWP R6a									
PRELIMINARIES									
Submissions & Approvals									
Traffic									
Temporary Traffic Management									
1326	TTM - Submit TTA Stage 6 Scheme for Approval	24d	20-Jan-15	12-Feb-15	0d				
1327	TTM - Engineer / TMLG Review & Approve (TTA Stage 6)	12d	13-Feb-15	24-Feb-15	0d				
SECTION 3A - ALL TUNNEL WORKS IN PORTION III B									
CWB Tunnel - CH1685 to CH1704									
CWB Tunnel Internal Works									
1470	1685-1704 - Construct Roadside Barriers and Service Ducts	7d	20-Nov-14	27-Nov-14	58d				
SECTION 3 - REMAINING WORKS IN PORTION III A & III B									
CWB Tunnel - CH1704 to CH1825									
1296	1750-1757 - CWB Tunnel Opening Waterproofing & Backfill	24d	20-Nov-14	17-Dec-14	-11d				
Surface Works - East of Man Yiu Street									
Road P1									
14906	P1 - Finishes & Landscaping	40d	05-Jan-15	26-Feb-15	-11d				
P1 Road West Bound									
11002	P1 - Underground Utilities	15d	20-Nov-14	06-Dec-14	-6d				
11003	P1 - Road Formation / Edge / Curb / Road Barrier / Planter	6d	08-Dec-14	13-Dec-14	38d				
11004	P1 - Pavement	3d	15-Dec-14	17-Dec-14	38d				
1520	P1 - Street Furniture / Sigh / Road Marking	3d	18-Dec-14	20-Dec-14	38d				
P1 Road East Bound									
14898	P1 - Underground Utilities	16d	24-Nov-14	11-Dec-14	-6d				
14900	P1 - Road Formation / Edge / Curb / Road Barrier / Planter	6d	18-Dec-14	24-Dec-14	-11d				

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

Leighton Contractors (Asia) Limited

Programme Update 50 (November 2014)

THREE MONTH ROLLING

Project ID: U050
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U050
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Date	Revision	Checked	Appro...
20-Oct-14	U049	AT	BY
20-Nov-14	U050	AT	BY

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																	
						2014						2015											
						Nov	Dec	Jan	Feb	Mar	Apr	Nov	Dec	Jan	Feb	Mar	Apr						
14902	P1 - Pavement	3d	27-Dec-14	30-Dec-14	-11d																		
14904	P1 - Street Furniture / Sigh / Road Marking	3d	31-Dec-14	03-Jan-15	-11d																		
Man Yiu Street Widening																							
1514	MYS - Road Formation / Edge / Curb	12d	14-Aug-14 A	22-Nov-14	-37d																		
CRIII Entrusted Works																							
1532	MYS - Irrigation Works & Water Works - Entrustment Works at CRIII	24d	24-Oct-14 A	18-Dec-14	0d																		
1516	MYS - Pavement	14d	19-Dec-14	07-Jan-15	0d																		
1533	MYS - Barriers, Roads & Pavements - Entrustment Works at CRIII	14d	08-Jan-15	23-Jan-15	0d																		
1518	MYS - Street Furniture / Sign / Road Marking	12d	24-Jan-15	06-Feb-15	0d																		
SECTION 4A - ALL TUNNEL WORKS IN PORTION IVA, IVB, IVG & IVH																							
CWB Tunnel - CH1646 to CH1685 (Man Yiu Steet)																							
CWB Tunnel Internal Works																							
1824	1646-1685 - Central wall remaining portion below OHVD slab (Bay V7) (Zone 2)	12d	16-Oct-14 A	24-Oct-14 A																			
1825	1646-1685 - Central wall remaining portion below OHVD slab (Bay V7) (Zone 3)	12d	20-Oct-14 A	28-Oct-14 A																			
1770	1646-1685 - Removal of Scaffolding	2d	20-Nov-14	21-Nov-14	-164d																		
1830	1646-1685 - Construct Roadside Barriers and Service Ducts	24d	22-Nov-14	19-Dec-14	-164d																		
SECTION 4 - REMAINING WORKS IN PORTION IVA, IVD, IVE & IVG																							
CWB Tunnel - CH1480 to CH1580																							
Formation & Roadworks																							
1910	1480-1580 - Finishes & Landscaping	36d	20-Nov-14	03-Jan-15	-50d																		
CWB Tunnel - CH1580 to CH1646																							
Formation & Roadworks																							
1930	1580-1646 - Roadworks	12d	17-Feb-14 A	20-Nov-14	-65d																		
1940	1580-1646 - Finishes & Landscaping	50d	21-Nov-14	21-Jan-15	-65d																		
CWB Tunnel - CH1646 to CH1685 (Man Yiu Street)																							

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

Leighton Contractors (Asia) Limited Programme Update 50 (November 2014) THREE MONTH ROLLING

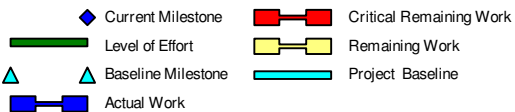
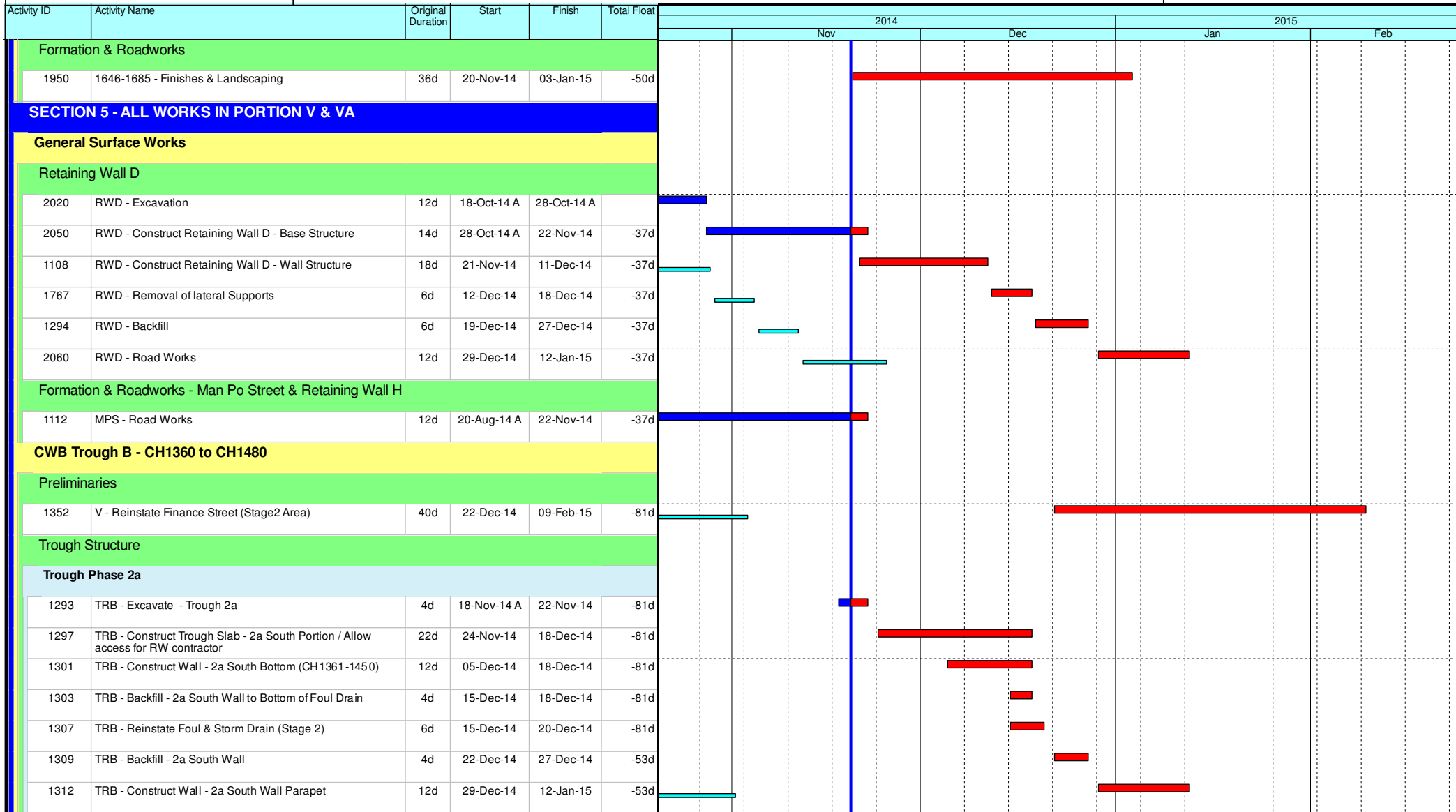
Project ID: U050
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Date	Revision	Checked	Appro...
20-Oct-14	U049	AT	BY
20-Nov-14	U050	AT	BY

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

TASK filters: 3 Months_1, Not HL.



Leighton Contractors (Asia) Limited Programme Update 50 (November 2014) THREE MONTH ROLLING

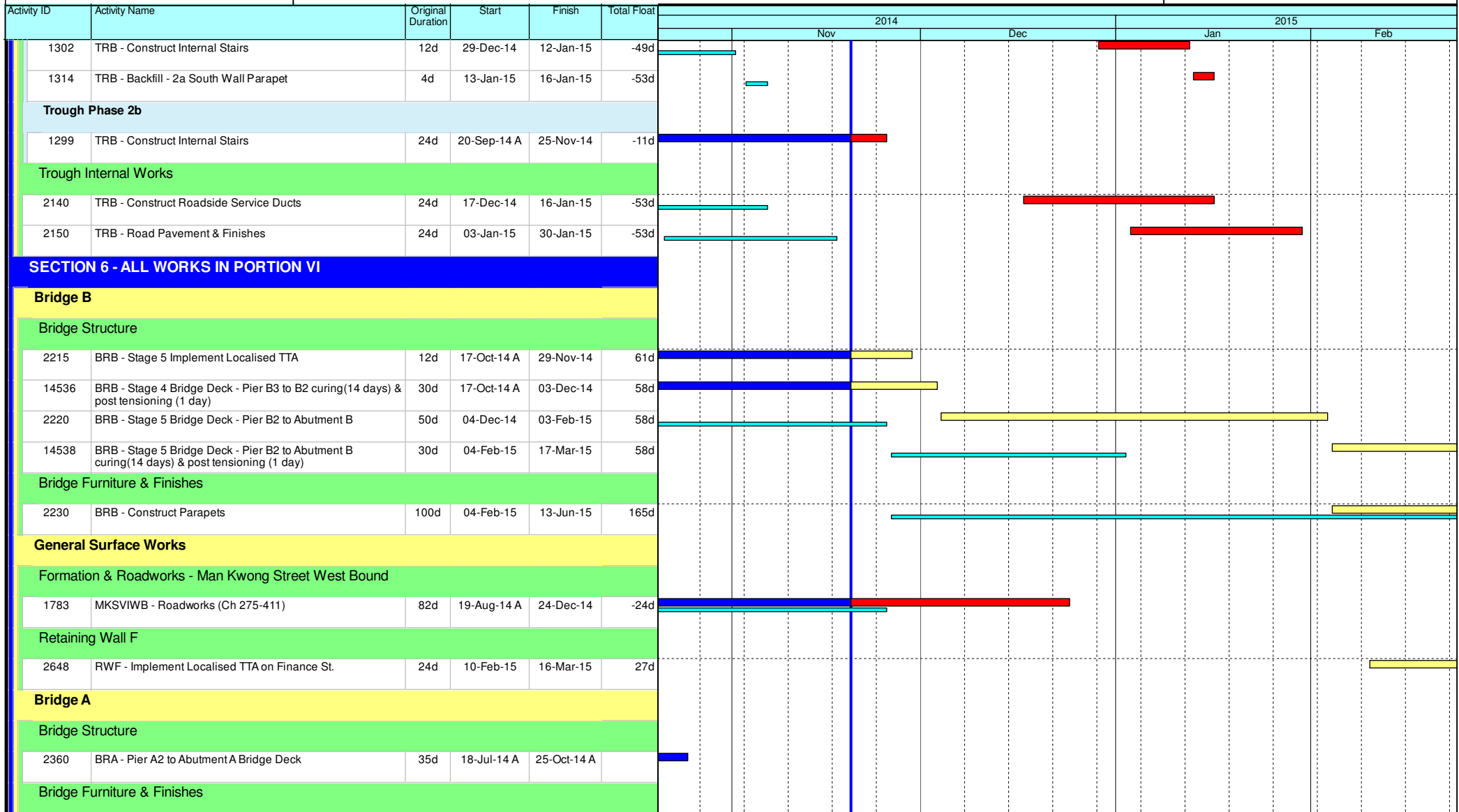
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Date	Revision	Checked	Appro...
20-Oct-14	U049	AT	BY
20-Nov-14	U050	AT	BY

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

TASK filters: 3 Months_1, Not HL.



- ◆ Current Milestone
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Leighton Contractors (Asia) Limited Programme Update 50 (November 2014) THREE MONTH ROLLING

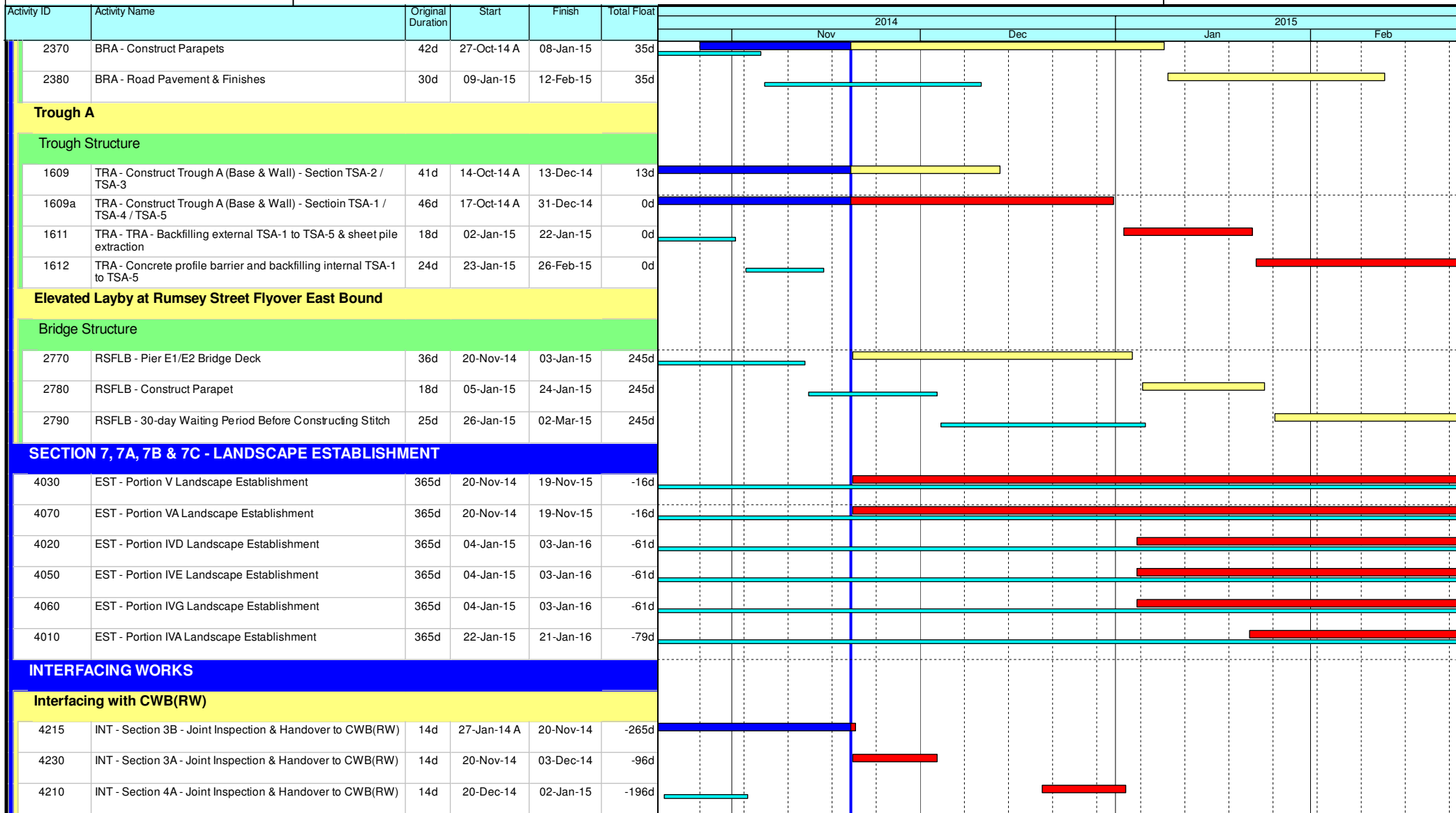
Project ID: U050
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Date	Revision	Checked	Appro...
20-Oct-14	U049	AT	BY
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HY/2009/18 Central - Wan Chai Bypass (Central Interchange)

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Leighton Contractors (Asia) Limited Programme Update 50 (November 2014) THREE MONTH ROLLING

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Data Date: 20-Nov-14

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	2014												2015			
						Nov						Dec						Jan		Feb	
						2014												2015			
4220	INT - Section 4 - Joint Inspection & Handover to CWB(RW)	14d	22-Jan-15	04-Feb-15	-65d																
4225	INT - Section 5 - Joint Inspection & Handover to CWB(RW)	14d	31-Jan-15	13-Feb-15	-51d																
Key Dates for Completion of Sections																					
Anticipated Completion																					
1074	KD9 - Anticipated Completion (EOT 39.5 days added)	0d		30-Jan-15*	-65d																
1064	KD6 - Anticipated Completion	0d		09-Feb-15*	-98d																
Contract Required Completion																					
1045	KD7 - Section 4A Complete (DAY-1341) - EOT 3 days / 1.5 days	0d		20-Nov-14*	-175d																
1065	KD6 - Section 4 Complete (DAY-1505)	0d		20-Nov-14*	-16d																
1075	KD9 - Section 5 Complete (DAY-1505) - (EOT 39.5 days added)	0d		13-Dec-14*	0d																
1085	KD3 - Section 3 Complete (DAY-1600)	0d		06-Feb-15*	0d																
Portion Handover Dates																					
Anticipated Handover																					
2910	Portion IIIC Handover (KD5 + 28 days)	0d		20-Nov-14*	-265d																
2925	Portion IIIB Handover (KD4 + 28 days)	0d		03-Dec-14*	-96d																
2915	Portion IVB Handover (KD7 + 28 days)	0d		02-Jan-15*	-196d																
2920	Portion IVH Handover (KD7 + 28 days)	0d		02-Jan-15*	-196d																
Contract Required Handover																					
3027	Portion IIIB Handover (KD4 + 28 days)	0d		20-Nov-14*	-82d																
3020	Portion IIIC Handover (KD5 + 28 days)	0d		20-Nov-14*	-264d																
3030	Portion IVA Handover (KD6 + 28 days)	0d		17-Dec-14*	-16d																
3025	Portion IVB Handover (KD7 + 28 days)	0d		17-Dec-14*	-180d																
3060	Portion IVD Handover (KD6 + 28 days)	0d		17-Dec-14*	-16d																
3070	Portion IVE Handover (KD6 + 28 days)	0d		17-Dec-14*	-16d																
3090	Portion IVG Handover (KD6 + 28 days)	0d		17-Dec-14*	-16d																








- Current Milestone
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Leighton Contractors (Asia) Limited Programme Update 50 (November 2014) THREE MONTH ROLLING

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Date	Revision	Checked	Appro...
20-Oct-14	U049	AT	BY
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014												2015											
						Nov						Dec						Jan						Feb					
						1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
3010	Portion IVH Handover (KD7 + 28 days)	0d		17-Dec-14*	-180d																								
3092	Portion V Handover (KD9 + 28 days) - EOT 1 day / 22.5 days added	0d		10-Jan-15*	-17d																								
3094	Portion VA Handover (KD9 + 28 days) - EOT 1 day / 22.5 days added	0d		10-Jan-15*	-17d																								

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

Leighton Contractors (Asia) Limited
Programme Update 50 (November 2014)
THREE MONTH ROLLING

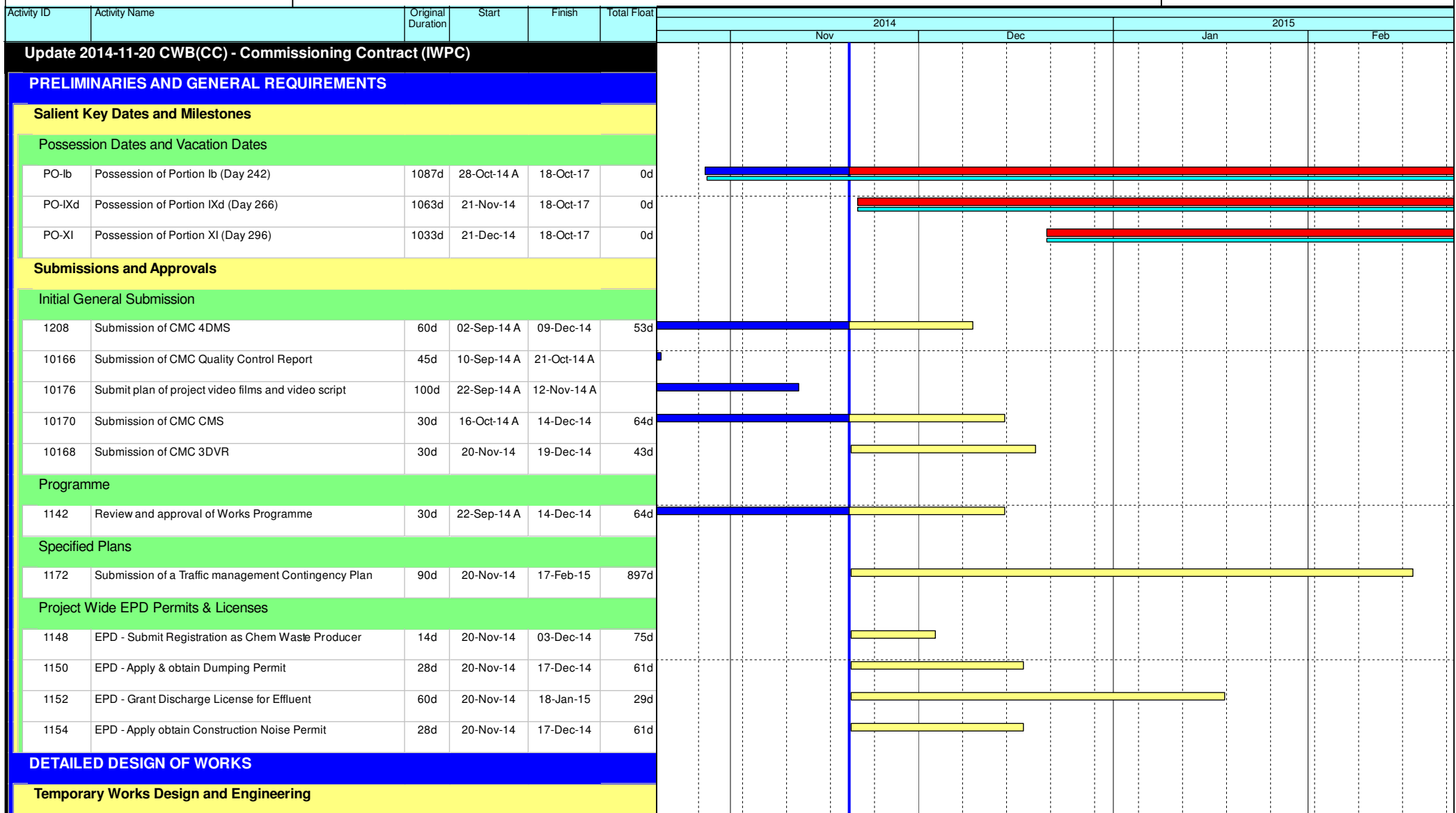
Project ID: U050
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U050
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Date	Revision	Checked	Appro...
20-Oct-14	U049	AT	BY
20-Nov-14	U050	AT	BY

Data Date: 20-Nov-14

CWB(CC) - Commissioning Contract

TASK filters: 3 Months, Not HL.



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

Leighton Contractors (Asia) Limited Programme Update 09 (November 2014) THREE MONTH ROLLING

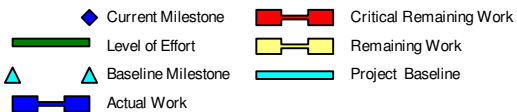
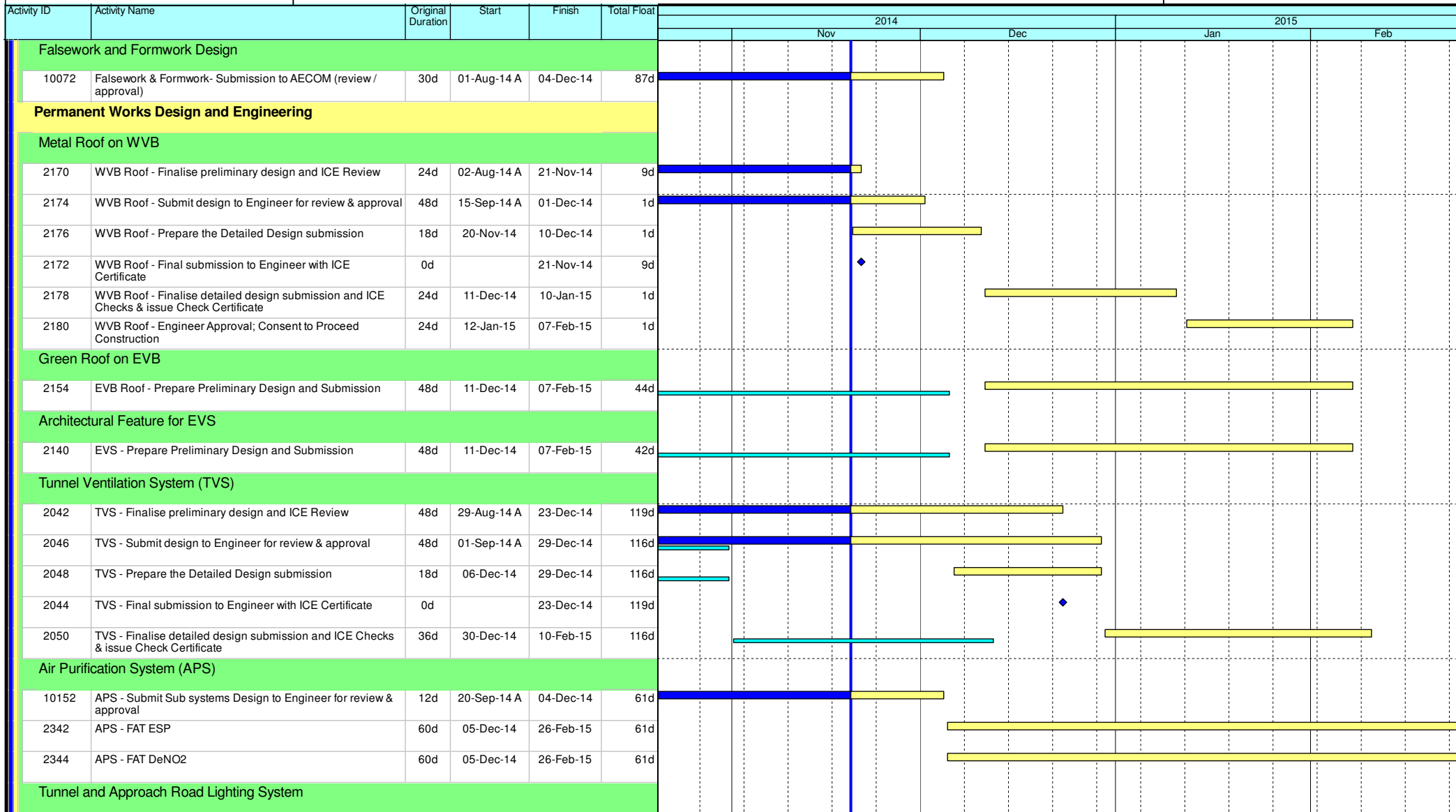
Project ID: H2613-U009
 Baseline: IWPC
 Layout: Update Three Month Rolling U008
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Date	Revision	Checked	Appro...
20-Oct-14	U008	AT	CW
20-Nov-14	U009	AT	CW

Data Date: 20-Nov-14

CWB(CC) - Commissioning Contract

TASK filters: 3 Months, Not HL.



Leighton Contractors (Asia) Limited Programme Update 09 (November 2014) THREE MONTH ROLLING

Project ID: H2613-U009
Baseline: IWPC
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Date	Revision	Checked	Appro...
20-Oct-14	U008	AT	CW
20-Nov-14	U009	AT	CW

CWB(CC) - Commissioning Contract

TASK filters: 3 Months, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2014				2015							
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb
2072	LS - Submit design to Engineer for review & approval	48d	14-Jul-14 A	03-Dec-14	252d												
2074	LS - Prepare the Detailed Design submission	18d	06-Oct-14 A	09-Dec-14	247d												
2076	LS - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	10-Dec-14	23-Jan-15	247d												
Central Control and Monitoring System (CCMS) and ELV System																	
2086	CCMS - Submit design to Engineer for review & approval	48d	01-Sep-14 A	03-Dec-14	247d												
2088	CCMS - Prepare the Detailed Design submission	18d	22-Sep-14 A	09-Dec-14	242d												
2094	CCMS - Final submission to Engineer with ICE Certificate	0d		20-Nov-14	259d												
2090	CCMS - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	10-Dec-14	23-Jan-15	242d												
Traffic Control and Surveillance System (TCSS)																	
10188	TCSS - System description (Overview) (DRAFT) submission to Engineer & approval	30d	21-May-14 A	22-Nov-14	149d												
2100	TCSS - Submit design to Engineer for review & approval	48d	26-Jun-14 A	08-Jan-15	160d												
2102	TCSS - Prepare the Detailed Design submission	18d	06-Oct-14 A	08-Jan-15	160d												
10190	TCSS - System description (Overview) (FINAL) and submission	30d	24-Nov-14	30-Dec-14	149d												
10192	TCSS - System description (Overview) (FINAL) submission to Engineer & approval	30d	31-Dec-14	04-Feb-15	149d												
2104	TCSS - Finalise detailed design submission and ICE Checks & issue Check Certificate	18d	09-Jan-15	29-Jan-15	160d												
Electrical System																	
2114	ES - Submit design to Engineer for review & approval	48d	25-Jun-14 A	17-Dec-14	19d												
2116	ES - Prepare the Detailed Design submission	18d	19-Aug-14 A	17-Dec-14	19d												
2118	ES - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	18-Sep-14 A	24-Dec-14	13d												
2120	ES - Engineer Approval; Consent to Proceed Construction	24d	27-Dec-14	24-Jan-15	56d												
Building Services System																	
2124	BS - Prepare Preliminary Design and Submission	60d	23-May-14 A	25-Nov-14	31d												
2128	BS - Submit design to Engineer for review & approval	48d	08-Jul-14 A	10-Dec-14	18d												
2130	BS - Prepare the Detailed Design submission	18d	14-Aug-14 A	10-Dec-14	18d												
2126	BS - Finalise Preliminary design and ICE Review	48d	30-Aug-14 A	24-Dec-14	6d												

- Current Milestone
- Critical Remaining Work
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Leighton Contractors (Asia) Limited Programme Update 09 (November 2014) THREE MONTH ROLLING

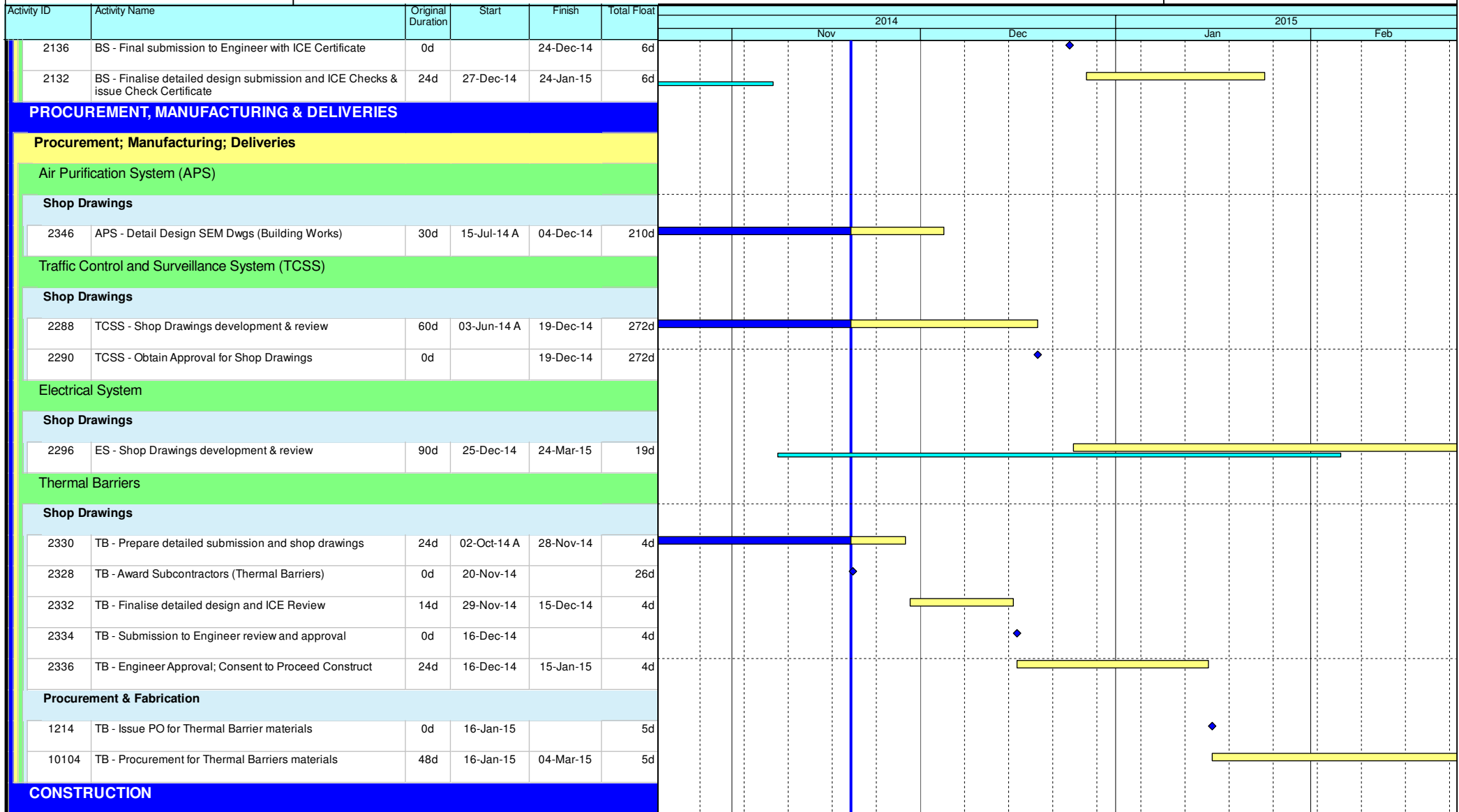
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Date	Revision	Checked	Appro...
20-Oct-14	U008	AT	CW
20-Nov-14	U009	AT	CW

Data Date: 20-Nov-14

CWB(CC) - Commissioning Contract

TASK filters: 3 Months, Not HL.



- ◆ Current Milestone
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- ▬ Level of Effort
- ▬ Remaining Work
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Leighton Contractors (Asia) Limited Programme Update 09 (November 2014) THREE MONTH ROLLING

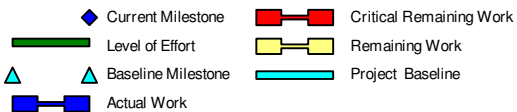
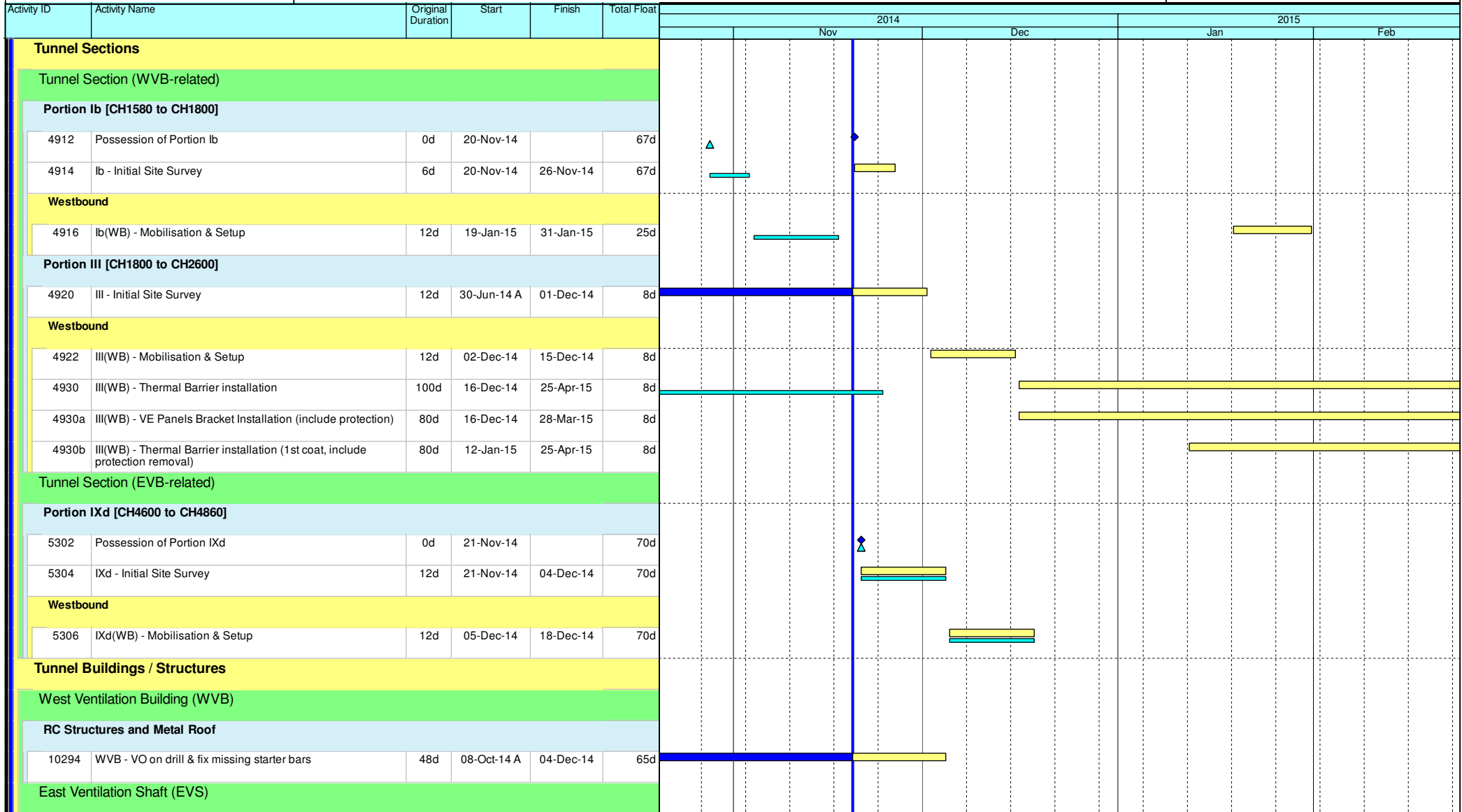
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20-Oct-14	U008	AT	CW
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CWB(CC) - Commissioning Contract

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Leighton Contractors (Asia) Limited Programme Update 09 (November 2014) THREE MONTH ROLLING

Project ID: H2613-U009
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Date	Revision	Checked	Appro...
20-Oct-14	U008	AT	CW
20-Nov-14	U009	AT	CW

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014												2015											
						Nov						Dec						Jan						Feb					
Establishment Works																													
10286	Document / Application submission to the Marine Department	0d	20-Nov-14*		198d																								
3800	Possession of Portion XI	0d	22-Dec-14		171d																								
3802	EVS - Initial Site Survey	6d	22-Dec-14	30-Dec-14	171d																								
3804	EVS - Erect Hoarding	12d	31-Dec-14	14-Jan-15	177d																								
3806	EVS - Setup site monitoring station	12d	31-Dec-14	14-Jan-15	171d																								
3816	EVS - As-built survey for existing EVS substructures	6d	31-Dec-14	07-Jan-15	189d																								
3808	EVS - Baseline monitoring	12d	15-Jan-15	28-Jan-15	171d																								

- Current Milestone
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Leighton Contractors (Asia) Limited Programme Update 09 (November 2014) THREE MONTH ROLLING

Project ID: H2613-U009
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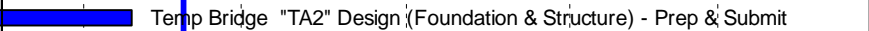
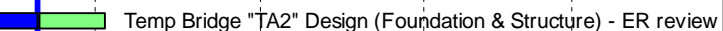
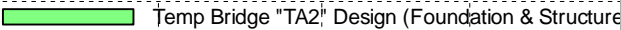
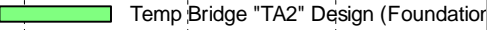


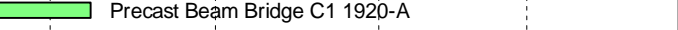

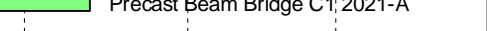

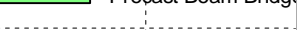



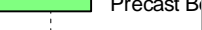
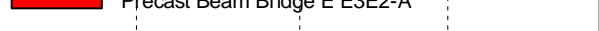
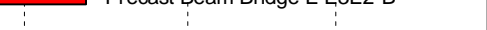



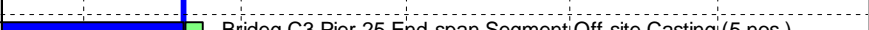
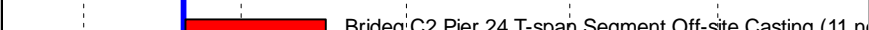


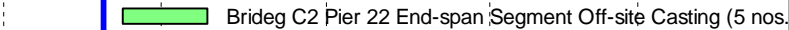


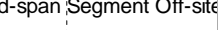
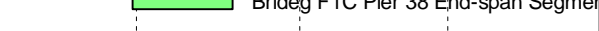
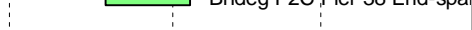
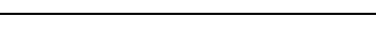
Date	Revision	Checked	Appro...
20-Oct-14	U008	AT	CW
20-Nov-14	U009	AT	CW






Activity ID	Activity Name	Rem Dur	Start	Finish	Late Start	Late Finish	Total Float	2014												2015											
								October			November			December			January			February			March								
								01	08	15	01	08	15	01	08	15	01	08	15	01	08	15	01	08	15						
3MRP - Nov 2014 to Feb 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	28-Mar-17	25-Apr-17	780																								
0230-1450	MS Permanent Noise Barrier Cantilever - No Adverse Comment	14	19-Aug-14 A	03-Dec-14	03-Jan-15	17-Jan-15	45																								
0230-1660	MS Approach Ramp - Submission	28	20-Nov-14	17-Dec-14	24-Aug-16	21-Sep-16	644																								
0230-1670	MS Approach Ramp - ER Review & Comment	28	18-Dec-14	14-Jan-15	21-Sep-16	19-Oct-16	644																								
0230-1680	MS Approach Ramp - Resubmission	28	15-Jan-15	11-Feb-15	19-Oct-16	16-Nov-16	644																								
0230-1690	MS Approach Ramp - ER Approval	28	12-Feb-15	11-Mar-15	16-Nov-16	14-Dec-16	644																								
0230-1760	MS Temporary Bridge TB - Resubmission	0	16-Oct-14 A	18-Nov-14 A	12-Dec-14	12-Dec-14																									
0230-1770	MS Temporary Bridge TB - ER Approval	15	19-Dec-14 A	04-Dec-14	12-Dec-14	27-Dec-14	23																								
0230-1820	MS Bridge Demolition Pier E3 to P20 - Submission	4	20-Jul-14 A	23-Nov-14	19-Nov-14	23-Nov-14	0																								
0230-1830	MS Bridge Demolition Pier E3 to P20 - ER Review & Comment	6	07-Aug-14 A	29-Nov-14	23-Nov-14	29-Nov-14	0																								
0230-1840	MS Bridge Demolition Pier E3 to P20 - Resubmission	5	13-Aug-14 A	28-Nov-14	23-Nov-14	28-Nov-14	0																								
0230-1850	MS Bridge Demolition Pier E3 to P20 - No Adverse Comment	0	14-Sep-14 A	15-Nov-14 A	28-Nov-14	28-Nov-14																									
A5910	MS W/B Bridge Demolition & Reconstruction - Submission	20	20-Nov-14	09-Dec-14	04-Feb-15	23-Feb-15	76																								
A5920	MS W/B Bridge Demolition & Reconstruction - ER Review & Comment	12	10-Dec-14	21-Dec-14	24-Feb-15	07-Mar-15	76																								
A5930	MS W/B Bridge Demolition & Reconstruction - Resubmission	6	22-Dec-14	27-Dec-14	08-Mar-15	13-Mar-15	76																								
A5940	MS W/B Bridge Demolition & Reconstruction - ER No Adverse Comment	18	28-Dec-14	14-Jan-15	14-Mar-15	31-Mar-15	76																								
A5960	MS ADB Ground Beam & Pile Cap - ER Review & Comment	0	14-Oct-14 A	01-Nov-14 A	23-Dec-14	23-Dec-14																									
A5970	MS ADB Ground Beam & Pile Cap - Resubmission	6	20-Nov-14	25-Nov-14	28-Feb-15	06-Mar-15	101																								
A5980	MS ADB Ground Beam & Pile Cap - ER No Adverse Comment	18	26-Nov-14	13-Dec-14	06-Mar-15	24-Mar-15	101																								
A7560	MS Temporary Bridge TA2 - Submission	10	20-Nov-14	29-Nov-14	01-Dec-14	11-Dec-14	12																								
A7570	MS Temporary Bridge TA2 - ER Review & Comment	12	30-Nov-14	11-Dec-14	11-Dec-14	23-Dec-14	12																								
A7580	MS Temporary Bridge TA2 - Resubmission	6	12-Dec-14	17-Dec-14	23-Dec-14	29-Dec-14	12																								
A7590	MS Temporary Bridge TA2 - ER No Adverse Comment	18	18-Dec-14	04-Jan-15	29-Dec-14	16-Jan-15	12																								
02.4 - Contractor's Design and Build Items																															
0240-1070	Temp Bridge "TB" Design - Resubmission	0	16-Oct-14 A	30-Oct-14 A	26-Dec-14	26-Dec-14																									
0240-1080	Temp Bridge "TB" Design - ER Approval	0	31-Oct-14 A	15-Nov-14 A	26-Dec-14	26-Dec-14																									
0240-1085	Temp Bridge "TB" Tower Fabrication Fabrication	1	01-Nov-14 A	20-Nov-14	26-Dec-14	27-Dec-14	37																								
0240-1111	Noise Enclosure Structural Design - No Adverse Comment	11	03-Aug-14 A	30-Nov-14	04-Jun-16	15-Jun-16	563																								
0240-1137	Noise Barrier Panel - Design No Adverse Comment	21	13-Aug-14 A	10-Dec-14	18-Dec-14	08-Jan-15	29																								
0240-1141	Noise Barrier Panel - Fabricate Type C Column (77 nos.)	36	20-Nov-14	25-Dec-14	18-Dec-14	23-Jan-15	29																								
0240-1142	Noise Barrier Panel - Fabricate Type B Column (25 nos.)	24	02-Dec-14	25-Dec-14	13-Jan-15	06-Feb-15	43																								
0240-1143	Noise Barrier Panel - Fabricate Type A Column (38 nos.)	30	14-Dec-14	12-Jan-15	25-Jan-15	24-Feb-15	43																								

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

Contract HY/2009/19

Three Months Rolling Programme (20 Nov 2014 to 19 Feb 2015)

Activity ID	Activity Name	Rem Dur	Start	Finish	Late Start	Late Finish	Total Float	2014												2015					
								October			November			December			January			February			March		
								19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15
0240-1170	HGHK Permanent Carpark Design - Prep & Submit	90	01-Jan-15*	31-Mar-15	20-Dec-15	19-Mar-16	354																		
0240-1270	Landscaping Design - Submission	90	01-Jan-15*	31-Mar-15	04-May-17	01-Aug-17	854																		
0240-1429	Noise Barrier Panel - Fabricate Beams (203 nos.)	48	02-Dec-14	18-Jan-15	30-Dec-14	16-Feb-15	29	 Noise Barrier Panel - Fabricate Beams																	
A5860	Temp Bridge "TA2" Design (Foundation & Structure) - Prep & Submit	0	15-Jan-14 A	10-Nov-14 A	18-Jan-15	18-Jan-15		 Temp Bridge "TA2" Design (Foundation & Structure) - Prep & Submit																	
A5870	Temp Bridge "TA2" Design (Foundation & Structure) - ER review and comment	13	11-Nov-14 A	02-Dec-14	18-Jan-15	30-Jan-15	59	 Temp Bridge "TA2" Design (Foundation & Structure) - ER review																	
A5880	Temp Bridge "TA2" Design (Foundation & Structure) - Resubmission	25	02-Dec-14	27-Dec-14	30-Jan-15	24-Feb-15	59	 Temp Bridge "TA2" Design (Foundation & Structure)																	
A5890	Temp Bridge "TA2" Design (Foundation & Structure) - ER No Adverse Comment	21	27-Dec-14	17-Jan-15	24-Feb-15	17-Mar-15	59	 Temp Bridge "TA2" Design (Foundation & Structure)																	
A5900	Temp Bridge "TA2" - Fabrication	48	27-Dec-14	13-Feb-15	24-Feb-15	13-Apr-15	59	 Temp Bridge "TA2" - Fa																	
02.5 - Bridge Segment/Beam Off-site Precasting																									
0250-1720.14	Precast Beam Bridge C1 1819-F	0	05-Oct-14 A	02-Nov-14 A	06-Feb-15	06-Feb-15		 Precast Beam Bridge C1 1819-F																	
0250-1720.15	Precast Beam Bridge C1 1920-A	19	20-Nov-14	08-Dec-14	06-Feb-15	24-Feb-15	78	 Precast Beam Bridge C1 1920-A																	
0250-1720.16	Precast Beam Bridge C1 1920-B	18	08-Dec-14	26-Dec-14	24-Feb-15	14-Mar-15	78	 Precast Beam Bridge C1 1920-B																	
0250-1720.17	Precast Beam Bridge C1 2021-A	18	26-Dec-14	13-Jan-15	14-Mar-15	01-Apr-15	78	 Precast Beam Bridge C1 2021-A																	
0250-1720.18	Precast Beam Bridge C1 2021-B	18	13-Jan-15	31-Jan-15	01-Apr-15	19-Apr-15	78	 Precast Beam Bridge C1 2021-B																	
0250-1720.19	Precast Beam Bridge C1 2021-C	18	31-Jan-15	18-Feb-15	19-Apr-15	07-May-15	78	 Precast Beam Bridge																	
0250-1720.20	Precast Beam Bridge C1 2122-A	18	18-Feb-15	08-Mar-15	07-May-15	25-May-15	78	 Precast B																	
0250-1720.22	Precast Beam Bridge C1 2122-C	18	13-Jan-15	31-Jan-15	01-Apr-15	19-Apr-15	78	 Precast Beam Bridge C1 2122																	
0250-1720.23	Precast Beam Bridge C1 2122-D	18	31-Jan-15	18-Feb-15	19-Apr-15	07-May-15	78	 Precast Beam Bridge																	
0250-1720.25	Precast Beam Bridge C1 2122-E	18	18-Feb-15	08-Mar-15	07-May-15	25-May-15	78	 Precast B																	
0250-1720.27	Precast Beam Bridge E E3E2-A	18	08-Dec-14*	25-Dec-14	08-Dec-14	25-Dec-14	0	 Precast Beam Bridge E E3E2-A																	
0250-1720.28	Precast Beam Bridge E E3E2-B	18	26-Dec-14	12-Jan-15	29-Dec-14	15-Jan-15	3	 Precast Beam Bridge E E3E2-B																	
0250-1720.29	Precast Beam Bridge E E3E2-C	18	13-Jan-15	30-Jan-15	16-Jan-15	02-Feb-15	3	 Precast Beam Bridge E E3E2-C																	
0250-1720.30	Precast Beam Bridge E E4E3-A	18	31-Jan-15	17-Feb-15	03-Feb-15	20-Feb-15	3	 Precast Beam Bridge																	
0250-1720.31	Precast Beam Bridge E E4E3-B	18	18-Feb-15	07-Mar-15	21-Feb-15	10-Mar-15	3	 Precast B																	
0250-2010	Bridg C3 Pier 28 End-span Segment Off-site Casting (6 nos.)	0	22-Oct-14 A	04-Nov-14 A	13-Dec-14	13-Dec-14		 Bridg C3 Pier 28 End-span Segment Off-site Casting (6 nos.)																	
0250-2020	Bridg C3 Pier 25 End-span Segment Off-site Casting (5 nos.)	3	12-Oct-14 A	23-Nov-14	13-Dec-14	16-Dec-14	24	 Bridg C3 Pier 25 End-span Segment Off-site Casting (5 nos.)																	
0250-2030	Bridg C2 Pier 24 T-span Segment Off-site Casting (11 nos.)	27	20-Nov-14	16-Dec-14	19-Nov-14	16-Dec-14	0	 Bridg C2 Pier 24 T-span Segment Off-site Casting (11 n																	
0250-2040	Bridg C2 Pier 23 T-span Segment Off-site Casting (13 nos.)	31	17-Dec-14	16-Jan-15	16-Dec-14	16-Jan-15	0	 Bridg C2 Pier 23 T-span Segment Off-																	
0250-2050	Bridg C2 Pier 25 End-span Segment Off-site Casting (6 nos.)	0	02-Nov-14 A	16-Nov-14 A	16-Dec-14	16-Dec-14		 Bridg C2 Pier 25 End-span Segment Off-site Casting (6 nos.)																	
0250-2060	Bridg C2 Pier 22 End-span Segment Off-site Casting (5 nos.)	16	23-Nov-14	09-Dec-14	31-Dec-14	16-Jan-15	39	 Bridg C2 Pier 22 End-span Segment Off-site Casting (5 nos.)																	
0250-2070	Bridg F1C Pier 36 T-span Segment Off-site Casting (13 nos.)	31	17-Jan-15	16-Feb-15	16-Jan-15	16-Feb-15	0	 Bridg F1C Pier 36 T																	
0250-2080	Bridg F1C Pier 37 T-span Segment Off-site Casting (11 nos.)	27	17-Feb-15	15-Mar-15	16-Feb-15	15-Mar-15	0	 Bridg																	
0250-2090	Bridg F1C Abut D12 End-span Segment Off-site Casting (7 nos.)	22	09-Dec-14	31-Dec-14	25-Jan-15	16-Feb-15	48	 Bridg F1C Abut D12 End-span Segment Off-site																	
0250-2100	Bridg F1C Pier 38 End-span Segment Off-site Casting (6 nos.)	19	31-Dec-14	19-Jan-15	19-Feb-15	10-Mar-15	51	 Bridg F1C Pier 38 End-span Segmen																	
0250-2120	Bridg F2C Pier 38 End-span Segment Off-site Casting (5 nos.)	16	19-Jan-15	04-Feb-15	10-Mar-15	26-Mar-15	51	 Bridg F2C Pier 38 End-spa																	

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

Contract HY/2009/19

Three Months Rolling Programme (20 Nov 2014 to 19 Feb 2015)

Activity ID	Activity Name	Rem Dur	Start	Finish	Late Start	Late Finish	Total Float	2014												2015																															
								October			November			December			January			February		March																													
								01	08	15	01	08	15	01	08	15	01	08	15	01	08	15	22	01	08	15	22																								
0250-2130	Bridg F2C Pier 40 End-span Segment Off-site Casting (5 nos.)	16	04-Feb-15	20-Feb-15	26-Mar-15	11-Apr-15	51																																												
03 - PRELIMINARY WORKS																																																			
03.1 - Site Establishment																																																			
0310-1700	Fabrication of Special Hoarding	25	24-Oct-14 A	18-Dec-14	07-Jan-15	05-Feb-15	40																																												
A6410	Hoarding at Portion VA & VB	34	02-Jul-12 A	29-Jan-15	14-Mar-15	25-Apr-15	68																																												
03.3 - Interface Works																																																			
0330-1100	Works at FEHD Permanent Depot (Stage 1)	36	03-Feb-15	20-Mar-15	06-Mar-15	20-Apr-15	24																																												
0330-1350	Erect Special Hoarding at Portion IV and V	50	20-Nov-14*	19-Jan-15	20-Nov-14	19-Jan-15	0																																												
A7600	Agreement of HGHK Interim Temp Carpark (Part 2)	0	13-Mar-14 A	31-Oct-14 A	03-Feb-15	03-Feb-15																																													
A7610	Construct Interim Temp Carpark for HGHK (Part 2)	18	03-Feb-15	27-Feb-15*	03-Feb-15	26-Feb-15	0																																												
A7630	Relocation of Cu-De-Sac at Oil Street > Junk Collector	35	20-Nov-14*	31-Dec-14	20-Nov-14	31-Dec-14	0																																												
A7640	Modification of Special Hording Outside Temporary FEHD	0	10-Nov-14 A	17-Nov-14 A	16-Jul-20	16-Jul-20																																													
05 - SECTION 2 & 2A OF THE WORKS																																																			
05.1 - Cut & Cover Tunnel Ch 4855-4932 (APS Footprint)																																																			
05.1.1 - D-Wall Construction																																																			
A5990	D-Wall Interface Coring	14	22-Dec-14*	08-Jan-15	04-Feb-15	23-Feb-15	36																																												
A6000	D-Wall Grouting/Pressure Grouting	3	09-Jan-15	12-Jan-15	24-Feb-15	26-Feb-15	36																																												
05.1.2 - ELS																																																			
0512-1275	Middle Lev. Bay 14 (Break Permanent Bulkhead Wall)	8	23-Nov-14	30-Nov-14	01-Dec-14	08-Dec-14	8																																												
0512-1290	Middle Lev. Between Bay 16-17(Break Permanent Bulkhead Wall)	3	03-Nov-14 A	22-Nov-14	22-Nov-14	24-Nov-14	2																																												
05.1.3 - APS & Tunnel Structure																																																			
0513-1316	APS Bay 17 Col - (Reb. Fix + Concrete)	12	24-Nov-14	06-Dec-14	25-Nov-14	08-Dec-14	1																																												
0513-1318	Tunnel Bay 17 - Falsework/Formworks	12	24-Nov-14	06-Dec-14	25-Nov-14	08-Dec-14	1																																												
0513-1319	Tunnel Bay 17 - Prepare C.J at D-Wall	6	24-Nov-14	29-Nov-14	02-Dec-14	08-Dec-14	7																																												
0513-1400	Tunnel Bay 17- Base Slab - (Reb. Fix + Concrete)-Lower Portion	7	07-Dec-14	13-Dec-14	09-Dec-14	15-Dec-14	2																																												
0513-1410	Tunnel Bay 17 - Base Slab - (Reb. Fix + Concrete)-Upper Portion	10	15-Dec-14	26-Dec-14	16-Dec-14	27-Dec-14	1																																												
0513-1420	Tunnel Bay 17 - Struts Removal	6	27-Dec-14	03-Jan-15	29-Dec-14	05-Jan-15	1																																												
0513-1430	Tunnel Bay 16 - Central Wall - (Reb. Fix)	6	05-Jan-15	10-Jan-15	06-Jan-15	12-Jan-15	1																																												
0513-1440	Tunnel Bay 16 - Central Wall - (Concrete)	1	12-Jan-15	12-Jan-15	13-Jan-15	13-Jan-15	1																																												
0513-1450	OHVD Bay 16 - Falseworks	7	12-Jan-15	19-Jan-15	13-Jan-15	20-Jan-15	1																																												
0513-1460	OHVD Bay 16 - Steel Fixing	4	20-Jan-15	23-Jan-15	21-Jan-15	24-Jan-15	1																																												
0513-1470	OHVD Bay 16 - Concreting	1	24-Jan-15	24-Jan-15	25-Jan-15	25-Jan-15	1																																												
0513-1480	OHVD Bay 16 - Curing of Concrete + Prepare CJ	2	26-Jan-15	27-Jan-15	26-Jan-15	27-Jan-15	0																																												
0513-1490	OHVD Bay 16 - (Hanger Wall) - Reb. Fix. + Formworks	2	28-Jan-15	29-Jan-15	28-Jan-15	29-Jan-15	0																																												
0513-1500	OHVD Bay 16 - (Hanger Wall) - Concrete	1	30-Jan-15	30-Jan-15	30-Jan-15	30-Jan-15	0																																												

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Three Months Rolling Programme (20 Nov 2014 to 19 Feb 2015)

Activity ID	Activity Name	Rem Dur	Start	Finish	Late Start	Late Finish	Total Float	2014							2015											
								October		November		December		January		February		March								
								19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22
A3590	Tunnel Bay 18 -Tunnel Roof - Falseworks	9	31-Jan-15	10-Feb-15	05-Feb-15	14-Feb-15	4																			
A3600	Tunnel Bay 19 -Tunnel Roof - CJ Preparation	7	31-Jan-15	07-Feb-15	09-Feb-15	16-Feb-15	7																			
A3610	Tunnel Bay 19 -Tunnel Roof - Steel Fixing	10	11-Feb-15	20-Feb-15	15-Feb-15	24-Feb-15	4																			
A3620	Tunnel Bay 19 -Tunnel Roof - (Concrete)	2	21-Feb-15	22-Feb-15	25-Feb-15	26-Feb-15	4																			
A3630	APS Bay 20 Col - (Reb. Fix + Concrete)	5	12-Nov-14 A	24-Nov-14	21-Nov-14	25-Nov-14	1																			
A3650	Tunnel Bay 20 - Falsework/Formworks	13	25-Nov-14	07-Dec-14	26-Nov-14	08-Dec-14	1																			
A3660	Tunnel Bay 20 - Prepare C.J at D-Wall	5	25-Nov-14	29-Nov-14	03-Dec-14	08-Dec-14	7																			
A3670	Tunnel Bay 20- Base Slab - (Reb. Fix + Concrete)-Lower Portion	14	08-Dec-14	21-Dec-14	09-Dec-14	22-Dec-14	1																			
A3680	Tunnel Bay 20 - Base Slab - (Reb. Fix + Concrete)-Upper Portion	7	22-Dec-14	30-Dec-14	23-Dec-14	31-Dec-14	1																			
A3690	Tunnel Bay 20 - Struts Removal	5	31-Dec-14	04-Jan-15	01-Jan-15	05-Jan-15	1																			
A3790	Tunnel Bay 20 -Tunnel Roof - CJ Preparation	7	29-Jan-15	04-Feb-15	08-Feb-15	14-Feb-15	10																			
A3800	Tunnel Bay 20 -Tunnel Roof - Steel Fixing	7	14-Feb-15	25-Feb-15	14-Feb-15	25-Feb-15	0																			
A3810	Tunnel Bay 20 -Tunnel Roof - (Concrete)	1	26-Feb-15	26-Feb-15	26-Feb-15	26-Feb-15	0																			
A3811	APS Bay 21 Base Slab - Rebar Fixing + Concreting (Lower Portion)	0	16-Oct-14 A	24-Oct-14 A	16-Jul-20	16-Jul-20																				
A3812	APS Bay 21 Base Slab - Rebar Fixing +Concreting (Upper Portion)	0	27-Oct-14 A	01-Nov-14 A	16-Jul-20	16-Jul-20																				
A3813	APS Bay 21 Col - (Reb. Fix + Concrete)	12	20-Nov-14	01-Dec-14	19-Nov-14	01-Dec-14	0																			
A3840	Tunnel Bay 21 - Falsework/Formworks	10	22-Nov-14	03-Dec-14	21-Nov-14	03-Dec-14	0																			
A3850	Tunnel Bay 21 - Prepare C.J at D-Wall	4	22-Nov-14	26-Nov-14	28-Nov-14	03-Dec-14	6																			
A3860	Tunnel Bay 21- Base Slab - (Reb. Fix + Concrete)	14	04-Dec-14	19-Dec-14	03-Dec-14	19-Dec-14	0																			
A3880	Tunnel Bay 21 - Struts Removal	12	20-Dec-14	31-Dec-14	20-Dec-14	31-Dec-14	0																			
A3890	Tunnel Bay 19 - Central Wall - (Reb. Fix)	7	01-Jan-15	07-Jan-15	01-Jan-15	07-Jan-15	0																			
A3900	Tunnel Bay 19 - Central Wall - (Concrete)	2	08-Jan-15	09-Jan-15	08-Jan-15	09-Jan-15	0																			
A3910	OHVD Bay 19 - Falseworks	10	08-Jan-15	17-Jan-15	08-Jan-15	17-Jan-15	0																			
A3920	OHVD Bay 19 - Steel Fixing	4	18-Jan-15	21-Jan-15	18-Jan-15	21-Jan-15	0																			
A3930	OHVD Bay 19 - Concreting	2	22-Jan-15	23-Jan-15	22-Jan-15	23-Jan-15	0																			
A3940	OHVD Bay 19 - Curing of Concrete + Prepare CJ	2	24-Jan-15	25-Jan-15	24-Jan-15	25-Jan-15	0																			
A3950	OHVD Bay 19 - Reb. Fix. + Formworks	2	26-Jan-15	27-Jan-15	26-Jan-15	27-Jan-15	0																			
A3960	OHVD Bay 19 - (Hanger Wall) - Concrete	1	28-Jan-15	28-Jan-15	28-Jan-15	28-Jan-15	0																			
A3970	Tunnel Bay 19 -Tunnel Roof - Falseworks	10	29-Jan-15	07-Feb-15	29-Jan-15	07-Feb-15	0																			
A3980	Tunnel Bay 21 -Tunnel Roof - CJ Preparation	7	29-Jan-15	04-Feb-15	02-Feb-15	08-Feb-15	4																			
A3990	Tunnel Bay 21 -Tunnel Roof - Steel Fixing	16	08-Feb-15	23-Feb-15	09-Feb-15	24-Feb-15	1																			
A4000	Tunnel Bay 21 -Tunnel Roof - (Concrete)	2	24-Feb-15	25-Feb-15	25-Feb-15	26-Feb-15	1																			
A4001	APS Bay 22 Base Slab - Rebar Fixing + Concreting (Lower Portion)	0	16-Oct-14 A	29-Oct-14 A	05-Feb-15	05-Feb-15																				
A4002	APS Bay 22 Base Slab - Rebar Fixing +Concreting (Upper Portion)	0	30-Oct-14 A	12-Nov-14 A	05-Feb-15	05-Feb-15																				
A5414	APS Basement (Zone A) - Partition Wall (Reb. Fix + Concreting)	45	09-Jan-15	05-Mar-15	05-Feb-15	02-Apr-15	24																			

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

Contract HY/2009/19

Three Months Rolling Programme (20 Nov 2014 to 19 Feb 2015)

Activity ID	Activity Name	Rem Dur	Start	Finish	Late Start	Late Finish	Total Float	2014							2015								
								October		November			December		January		February			March			
								19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01
A5424	APS Basement (Zone B) - Partition Wall (Reb. Fix + Concreting)	45	02-Feb-15	28-Mar-15	04-Mar-15	29-Apr-15	24																
A5454	Tunnel (Zone A) - Bulkhead Wall Removal (Hole Drilling into Bulkhead Wall)	30	20-Dec-14	26-Jan-15	19-Dec-14	26-Jan-15	0																
A5464	Tunnel (Zone A) - Bulkhead Wall Removal (Saw Cutting)-Eastbound	25	21-Jan-15	18-Feb-15	20-Jan-15	18-Feb-15	0																
A5465	Tunnel (Zone A) - Bulkhead Wall Removal (Saw Cutting)-westbound	25	07-Feb-15	11-Mar-15	06-Feb-15	11-Mar-15	0																
05.1.4 - Tunnel Structure																							
A4432	Tunnel Bay 14 -Trim Off - Barrette Head	0	19-Oct-14 A	29-Oct-14 A	16-Jul-20	16-Jul-20																	
A4442	Tunnel Bay 14 - Prepare C.J at D-Wall	0	19-Oct-14 A	29-Oct-14 A	16-Jul-20	16-Jul-20																	
A4452	Tunnel Bay 14 - (Waterproofing)	3	01-Dec-14	03-Dec-14	09-Dec-14	11-Dec-14	8																
A4462	Tunnel Bay 14 - Reb. Fix + Concreting	14	04-Dec-14	17-Dec-14	12-Dec-14	25-Dec-14	8																
A4952	Tunnel Bay 14 - Struts Removal	4	18-Dec-14	21-Dec-14	26-Dec-14	29-Dec-14	8																
A4962	Tunnel Bay 14 - Central Wall - (Reb. Fix)	7	22-Dec-14	28-Dec-14	30-Dec-14	05-Jan-15	8																
A4972	Tunnel Bay 14 - Central Wall - (Concrete)	3	29-Dec-14	31-Dec-14	06-Jan-15	08-Jan-15	8																
A4982	OHVD Bay 14 - Falseworks	12	29-Dec-14	12-Jan-15	06-Jan-15	19-Jan-15	6																
A4992	OHVD Bay 14 - Steel Fixing	3	13-Jan-15	15-Jan-15	20-Jan-15	22-Jan-15	7																
A5002	OHVD Bay 14 - Concreting	2	16-Jan-15	17-Jan-15	23-Jan-15	24-Jan-15	7																
A5012	OHVD Bay 14 - Curing of Concrete + Prepare CJ	2	18-Jan-15	19-Jan-15	25-Jan-15	26-Jan-15	7																
A5022	OHVD Bay 14 - Reb. Fix. + Formworks	2	20-Jan-15	21-Jan-15	27-Jan-15	28-Jan-15	6																
A5032	OHVD Bay 14 - (Hanger Wall) - Concrete	1	22-Jan-15	22-Jan-15	30-Jan-15	30-Jan-15	8																
A5042	Tunnel Bay 14 -Tunnel Roof - Falseworks	10	23-Jan-15	01-Feb-15	30-Jan-15	08-Feb-15	7																
A5052	Tunnel Bay 14 -Tunnel Roof - CJ Preparation	8	02-Feb-15	09-Feb-15	09-Feb-15	16-Feb-15	7																
A5062	Tunnel Bay 14 -Tunnel Roof - Steel Fixing	8	09-Feb-15	16-Feb-15	16-Feb-15	23-Feb-15	7																
A5072	Tunnel Bay 14 -Tunnel Roof - (Concrete)	3	17-Feb-15	19-Feb-15	24-Feb-15	26-Feb-15	7																
A5083	Tunnel Bay 15 -Trim Off - Barrette Head	0	21-Oct-14 A	29-Oct-14 A	28-Nov-14	28-Nov-14																	
A5093	Tunnel Bay 15 - Prepare C.J at D-Wall	0	20-Oct-14 A	29-Oct-14 A	28-Nov-14	28-Nov-14																	
A5103	Tunnel Bay 15 - (Waterproofing)	0	03-Nov-14 A	06-Nov-14 A	28-Nov-14	28-Nov-14																	
A5113	Tunnel Bay 15 - Reb. Fix + Concreting	0	15-Nov-14 A	19-Nov-14 A	28-Nov-14	28-Nov-14																	
A5123	Tunnel Bay 15 - Struts Removal	10	20-Nov-14	29-Nov-14	28-Nov-14	08-Dec-14	9																
A5133	Tunnel Bay 15 - Central Wall - (Reb. Fix)	8	18-Dec-14	25-Dec-14	20-Dec-14	28-Dec-14	3																
A5143	Tunnel Bay 15 - Central Wall - (Concrete)	1	26-Dec-14	26-Dec-14	28-Dec-14	29-Dec-14	3																
A5153	OHVD Bay 15 - Falseworks	13	26-Dec-14	07-Jan-15	28-Dec-14	10-Jan-15	3																
A5163	OHVD Bay 15 - Steel Fixing	3	08-Jan-15	10-Jan-15	10-Jan-15	13-Jan-15	3																
A5173	OHVD Bay 15 - Concreting	2	11-Jan-15	12-Jan-15	13-Jan-15	15-Jan-15	3																
A5183	OHVD Bay 15 - Curing of Concrete + Prepare CJ	2	13-Jan-15	14-Jan-15	15-Jan-15	17-Jan-15	3																
A5193	OHVD Bay 15 - Reb. Fix. + Formworks	2	15-Jan-15	16-Jan-15	17-Jan-15	19-Jan-15	3																
A5203	OHVD Bay 15 - (Hanger Wall) - Concrete	1	17-Jan-15	17-Jan-15	20-Jan-15	21-Jan-15	4																

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Contract HY/2009/19

Three Months Rolling Programme (20 Nov 2014 to 19 Feb 2015)

Activity ID	Activity Name	Rem Dur	Start	Finish	Late Start	Late Finish	Total Float	2014												2015											
								October				November				December				January				February				March			
								19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	01	08	15	22	
1042-1010.94	Demolition (Pier 15 - Pier 21) -TTA Implementation	0	28-Oct-14 A	31-Oct-14 A	27-Nov-14	27-Nov-14		Demolition (Pier 15 - Pier 21) -TTA Implementation																							
1042-1010.95	Demolition (Pier 15 - Pier 21) -L3 Railings Installation	0	01-Nov-14 A	15-Nov-14 A	27-Nov-14	27-Nov-14		Demolition (Pier 15 - Pier 21) -L3 Railings Installation																							
1042-1010.96	Demolition (Pier 15 - Pier 21) -Parapet Removal	25	24-Nov-14	22-Dec-14	27-Nov-14	27-Dec-14	4	Demolition (Pier 15 - Pier 21) -Parapet Removal																							
1042-1010.97	Demolition (Pier E3 - Pier 20) -Saw-Cut Portion of Exis. Crosshead (Pier 19)	8	05-Dec-14	13-Dec-14	12-Dec-14	22-Dec-14	7	Demolition (Pier E3 - Pier 20) -Saw-Cut Portion of Exis. Cr																							
10.5 - Temporary Bridge																															
10.5.1 - Temporary Bridge 'TA'																															
1051-1018.1	Temporary Bridge TA2 - Pre-drilling	0	08-Oct-14 A	18-Nov-14 A	10-Dec-14	10-Dec-14		Temporary Bridge TA2 - Pre-drilling																							
1051-1019	Temporary Bridge TA2 - Mini-Pile	30	28-Nov-14	03-Jan-15	10-Dec-14	16-Jan-15	11	Temporary Bridge TA2 - Mini-Pile																							
1051-1019.1	Temporary Bridge TA2 - Footing	30	05-Jan-15	07-Feb-15	16-Jan-15	24-Feb-15	11	Temporary Bridge TA2 - Fo																							
1051-1019.2	Temporary Bridge TA2 - Pier & Beam Along C15	34	09-Feb-15	23-Mar-15	24-Feb-15	08-Apr-15	11	T																							
10.5.2 - Temporary Bridge 'TB' & 'TC'																															
A2460	(Pier 16-17) - Steel Tower Erection	23	23-Dec-14	20-Jan-15	27-Dec-14	24-Jan-15	4	(Pier 16-17) - Steel Tower Erection																							
A2470	(Pier 16-17) - Beam + Deck Erection	30	21-Jan-15	27-Feb-15	24-Jan-15	04-Mar-15	4	(Pier 16-17) - B																							
10.5.3 - Temporary Bridge 'TD'																															
1053-1065.1	"TD" - Pier F14 to F15 Concrete Parapet	2	11-Sep-14 A	21-Nov-14	25-Nov-14	27-Nov-14	5	"TD" - Pier F14 to F15 Concrete Parapet																							
1053-1166	Bridge TD - MJ at Pier F14	3	20-Nov-14	22-Nov-14	24-Nov-14	27-Nov-14	4	Bridge TD - MJ at Pier F14																							
1053-1167	Bridge TD Bitumin Paving Works Pier F11 - F15	3	15-Sep-14 A	22-Nov-14	24-Nov-14	27-Nov-14	4	Bridge TD Bitumin Paving Works Pier F11 - F15																							
10.6 - Tunnel Approach Ramp																															
10.6.1 - Approach Ramp (Excluding Portion IIB)																															
Bored Piles																															
1061-1010	Pre-drilling Approach Ramp Piles Remaining (70 nos) (excl IIB & VD)	10	18-Oct-13 A	29-Jan-15	25-Apr-15	07-May-15	77	Pre-drilling Approach Ramp Pile																							
1061-1980	Bored Pile Ramp - BN25	0	07-Aug-14 A	20-Nov-14	26-Nov-16	26-Nov-16	606	Bored Pile Ramp - BN25																							
1061-2030	Bored Pile Ramp - BM17	0	14-Oct-14 A	28-Oct-14 A	09-Nov-16	09-Nov-16		Bored Pile Ramp - BM17																							
1061-2060	Bored Pile Ramp - BN32	15	20-Nov-14	08-Dec-14	05-Oct-16	24-Oct-16	561	Bored Pile Ramp - BN32																							
1061-2070	Bored Pile Ramp - BN34	14	19-Aug-14 A	24-Dec-14	24-Oct-16	09-Nov-16	561	Bored Pile Ramp - BN34																							
1061-2080	Bored Pile Ramp - BN33	15	24-Dec-14	13-Jan-15	09-Nov-16	26-Nov-16	561	Bored Pile Ramp - BN33																							
1061-2100	Bored Pile Ramp - BM08	15	20-Nov-14	06-Dec-14	09-Nov-16	26-Nov-16	591	Bored Pile Ramp - BM08																							
1061-2110	Bored Pile Ramp - BM07	15	13-Jan-15	30-Jan-15	26-Nov-16	14-Dec-16	561	Bored Pile Ramp - BM07																							
A7840	Pre-Bored H-Pile - H - Beam + Grout > BS24b	0	30-Sep-14 A	30-Oct-14 A	30-Apr-15	30-Apr-15		Pre-Bored H-Pile - H - Beam + Grout > BS24b																							
A7850	Pre-Bored H-Pile - H - Beam + Grout > BS25a	0	16-Oct-14 A	28-Oct-14 A	16-Jul-20	16-Jul-20		Pre-Bored H-Pile - H - Beam + Grout > BS25a																							
A7910	Pre-Bored H-Pile - H - Beam + Grout > BS28a	18	29-Nov-14	19-Dec-14	08-Apr-15	28-Apr-15	103	Pre-Bored H-Pile - H - Beam + Grout > BS28a																							
A7920	Pre-Bored H-Pile - H - Beam + Grout > BS28b	20	02-Dec-14	24-Dec-14	08-Apr-15	30-Apr-15	101	Pre-Bored H-Pile - H - Beam + Grout > BS28b																							
A7930	Pre-Bored H-Pile - H - Beam + Grout > BS29a	18	02-Dec-14	22-Dec-14	08-Apr-15	28-Apr-15	101	Pre-Bored H-Pile - H - Beam + Grout > BS29a																							
A7940	Pre-Bored H-Pile - H - Beam + Grout > BS29b	18	26-Nov-14	16-Dec-14	08-Apr-15	28-Apr-15	106	Pre-Bored H-Pile - H - Beam + Grout > BS29b																							
A7950	Pre-Bored H-Pile - H - Beam + Grout > BS30a	20	24-Nov-14	16-Dec-14	08-Apr-15	30-Apr-15	108	Pre-Bored H-Pile - H - Beam + Grout > BS30a																							

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Contract HY/2009/19

Three Months Rolling Programme (20 Nov 2014 to 19 Feb 2015)

Activity ID	Activity Name	Original Duration	Start	Finish	2014					2015		
					Oct	Nov	Dec	Jan	Feb			
HY/2010/08- CWB-SR8 Programme updated up to 30 Oct 2014												
Works in TS3												
TS3 East & West Reclamation Works												
TS3E - Reclamation (Advance Works)												
TS3E.MW.1100	TS3E South - Seawall Block Installation	48	22-Sep-14 A	27-Oct-14	TS3E South - Seawall Block Installation							
TS3E.MW.1040	TS3E North - Seawall Block Installation	12	20-Oct-14	01-Nov-14	TS3E North - Seawall Block Installation							
TS3E.MW.1110	TS3E South - Commence Water Intake Diversion	0	20-Oct-14		TS3E South - Commence Water Intake Diversion							
TS3E.MW.1120	TS3 East - General Fill	39	20-Oct-14	03-Dec-14	TS3 East - General Fill							
TS3E.MW.1130	TS3 East - Handover to D-wall	0		03-Dec-14	TS3 East - Handover to D-wall							
TS3W - Reclamation Works (new scheme)												
TS3W.MW.2010	TS3W North - Phase 1 Dredging	14	05-Oct-14 A	27-Nov-14	TS3W North - Phase 1 Dredging							
TS3W.MW.1160	C15 - Complete TZ4	0		20-Oct-14*	C15 - Complete TZ4							
TS3W.MW.1170	C15 - Move TS3(W) vessels (Phase III Mooring)	24	20-Oct-14	15-Nov-14	C15 - Move TS3(W) vessels (Phase III Mooring)							
TS3W.MW.2020	TS3W North - Phase 1 Rockfill + Levelling	8	28-Nov-14	06-Dec-14	TS3W North - Phase 1 Rockfill + Levelling							
TS3W.MW.2070	TS3W South - Dredging	65	28-Nov-14	14-Feb-15	TS3W South - Dredging							
TS3W.MW.2030	TS3W North - Phase 1 Seawall Block Installation	12	22-Dec-14	07-Jan-15	TS3W North - Phase 1 Seawall Block Installation							
Works for Box Culvert Q & Water Intake												
Water Intake												
Stage 1 - Water Intake Works												
TS3_1170.20	Install Silt Screen & Sump Pump	6	17-Oct-14 A	21-Oct-14 A	Install Silt Screen & Sump Pump							
TS3_1170.30	Install Interim Connection to WSD (Contingency Supply)	6	20-Oct-14	25-Oct-14	Install Interim Connection to WSD (Contingency Supply)							
TS3_1180.10	Shut Down and Connect Water Intake to Interim System	1	27-Oct-14	27-Oct-14	Shut Down and Connect Water Intake to Interim System							
TS3_1180.20	Test and Commission	2	28-Oct-14	29-Oct-14	Test and Commission							
Box Culvert Q												
Box Culvert Q Outfall Diversion												
TS3_1145.20	Install Temporary Sheet Pile Wall	24	16-Aug-14 A	20-Nov-14	Install Temporary Sheet Pile Wall							
TS3_1145.10	Commence Outfall Diversion - Box Culvert Q	0	03-Nov-14		Commence Outfall Diversion - Box Culvert Q							
TS3_1145.40	Install Strut / Lateral Support Between Sheet Pile Wall and Existing Seawall	12	14-Nov-14	27-Nov-14	Install Strut / Lateral Support Between Sheet Pile Wall and Existing Seawall							
TS3_1145.30	Commence dredging behind sheet pile wall	0		27-Nov-14	Commence dredging behind sheet pile wall							
TS3_1145.50	Construct Temporary Vertical Seawall (Stone Block) behind Sheet Pile Wall and continue with reclamation works	12	08-Dec-14	20-Dec-14	Construct Temporary Vertical Seawall (Stone Block) behind Sheet Pile Wall and continue with reclamation works							
Works in SR8 (Open Cut Method)												
SR8 - Cofferdam & Cut & Cover Tunnel Works												
SR8 East Bound - (Seaside to Victoria Road / IEC Central Divider)												
Method Statement												

- Actual Work
- Remaining Work
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Date	Revision	Checked	Approved
20-Oct-14	Updated to 20th October 2014	DML/WC	

Activity ID	Activity Name	Original Duration	Start	Finish	2014					2015	
					Oct	Nov	Dec	Jan	Feb		
ELS											
SR8_2260	ELS Method statement - submission	24	31-Jul-15 A	03-Aug-15							
TTA Stage 0 - East Bound											
Stage 1B - East Bound (Seaside) (Ref. DRG. No.CDD/SR8/082)											
Traffic Deck and Temporary Road											
SR8.EB.1275	Road Works	19	01-Oct-14 A	04-Nov-14 A							
TTA Stage 1 - East Bound											
Stage 2 - East Bound (Ref. DRG. No.CDD/SR8/083)											
SR8.EB.1325	Protect and Shift HV 22kv Cable on carriage way (as required)	18	18-Oct-14 A	30-Oct-14							
SR8.EB.1327	Cut and By pass Drainage to the next (existing) collection point (MH)	18	20-Oct-14	08-Nov-14							
SR8.EB.1320	Divert Gas Main to pre-laid Gas Main Pipe at Planter Area Gas Main Trough	10	20-Oct-14	30-Oct-14							
SR8.EB.1330	Carry out pre-boring work for stage 2 sheet pile	23	10-Nov-14	05-Dec-14							
SR8.EB.1340	Stage 2 - Sheet Pile Work	18	29-Nov-14	19-Dec-14							
SR8.EB.1350	Stage 2 - Pipe Piling Work	52	20-Dec-14	25-Feb-15							
SR8 West Bound - Ch. 369.000 to 495.000 (Victoria Road / IEC Central Divider)											
TTA Stage 1 - West Bound											
Stage 2A - West Bound (Ref. DRG. No.CDD/SR8/086)											
SR8.WB.2030	Carry out Stage 2A Pipe Piling Work	56	30-Aug-14 A	01-Nov-14							
SR8.WB.2040	Carry out Stage 2A TAM Grout	12	03-Nov-14	15-Nov-14							
SR8.WB.2050	Trim Down Sheet Pile / Pipe Pile and construct Gas Main Trough	8	03-Nov-14	11-Nov-14							
SR8.WB.2060	Divert Gas Main to Gas Main Trough	8	12-Nov-14	20-Nov-14							
Stage 2B - West Bound (Ref. DRG. No.CDD/SR8/086)											
SR8.WB.2070	Carry out Stage 2B Sheet Pile	6	21-Nov-14	27-Nov-14							
SR8.WB.2080	Carry out Stage 2B Pipe Piling	12	28-Nov-14	11-Dec-14							
SR8.WB.2090	Carry out Stage 2B TAM Grout	6	12-Dec-14	18-Dec-14							
SR8.WB.2100	Demolish Part (WB) Wing Wall of Abutment M	12	19-Dec-14	05-Jan-15							
SR8.WB.2085	Install King Post for Traffic Deck	16	19-Dec-14	09-Jan-15							
SR8.WB.2110	Construct Temporary Traffic Road, IEC West Bound Ramp and Decking	90	31-Dec-14	23-Apr-15							
SR8 Ch.369.000 to Ch.317.500 - (Inside Victoria Park to Tunnel Portal)											
Stage 4 - SR8 Ch.369.000 to Ch317.500 (Tunnel Portal) (Ref. DRG. No.CDD/SR8/087)											
SR8.VP.4010	Carry Out Stage 4 Sheet Pile Works	90	13-Mar-14 A	05-Nov-14							
SR8.VP.4020	Carry Out Stage 4 Pipe Piling Works	145	24-Jul-14 A	29-Nov-14							
SR8.VP.4030	Carry Out Stage 4 TAM Grout	36	01-Dec-14	14-Jan-15							
SR8.VP.4040	Install Dewatering Wells and Observation Wells & Carry out Pump Test	24	15-Jan-15	11-Feb-15							
SR8 Ch 317.500 to Ch 210.000 - U-Structure & Slab (Victoria Park)											

- █ Actual Work
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Date	Revision	Checked	Approved
20-Oct-14	Updated to 20th October 2014	DML/WC	

Activity ID	Activity Name	Original Duration	Start	Finish	2014					2015		
					Oct	Nov	Dec	Jan	Feb			
Excavation and Lateral Support												
SR8_2230	ELS - Excavation to formation level + Lateral Support	96	13-Jun-14 A	21-Oct-14	ELS - Excavation to formation level + Lateral Support							
Tsing Fung St - RW & Subway Extension & Toe Wall at Hing Fat St												
Ret. Wall & TF Subway Extension (Portion V)												
Retaining Wall at Tsing Fung Street (Portion V)												
VP_1240	TFS New Ret. Wall - excavation	42	15-Sep-14 A	20-Nov-14	TFS New Ret. Wall - excavation							
VP_1260	TFS New Ret. Wall - base slab	42	20-Oct-14 A	29-Nov-14	TFS New Ret. Wall - base slab							
VP_1290	TFS New Ret. Wall - wall stem + Railing	60	01-Dec-14	11-Feb-15								
Retaining Wall + Toe Wall at Hing Fat Street												
Tree Transplanting at Portion VIII (Tree Zone 20) (6 trees)												
VP_1140.02	Transplanting <300mm dia trees (3months, 4nos) - Stage 2 root pruning	20	20-Oct-14	11-Nov-14	Transplanting <300mm dia trees (3months, 4nos) - Stage 2 root pruning							
VP_1140.03	Transplanting <300mm dia trees (3months, 4nos) - Stage 3 root pruning	25	12-Nov-14	10-Dec-14	Transplanting <300mm dia trees (3months, 4nos) - Stage 3 root							
VP_1140.04	<300mm dia trees (3months, 4nos) - Stage 4 root pruning & removal/Transplanting	12	11-Dec-14	24-Dec-14	<300mm dia trees (3months, 4nos) - Stage 4 root							
RC Works - Toe Wall												
VP_6152	Construct and divert Temporary Footpath	36	27-Dec-14	07-Feb-15								
Works in Victoria Park												
Re-Provisioning Works												
Bowling Green Office												
BGO - Construction Works												
VP_1190	BGO - ABWF	62	21-Sep-14 A	09-Jan-15	BGO - ABWF							
VP_1180.04	BGO - Roof Slab Waterproofing + Screeding	12	20-Oct-14	01-Nov-14	BGO - Roof Slab Waterproofing + Screeding							
VP_1220	BGO - E&M Works	62	05-Dec-14	18-Feb-15								
Tree Transplanting at Portion XIV (Victoria Park Open Space)												
VP_1040	Tree Transplanting & Upkeep at Portion XIV	348	16-Oct-13 A	15-Dec-14	Tree Transplanting & Upkeep at Portion XIV							
VP_1280	Completion of KD 3 - Section 1A, Works in Portion XIV & XV	0		15-Dec-14	Completion of KD 3 - Section 1A, Works in Portion XIV & XV							
Mooring Components Upkeep (CBTS and ATS)												
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	20-Nov-17								

- █ Actual Work
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20-Oct-14	Updated to 20th October 2014	DML/WC	