

Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Schedule																											
					June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016	July 2016	August 2016	September 2016												
HK/2012/08 Revised Works Programme Rev.4_1(Final)																																
Dredging and Reclamation																																
Marine Work Construction																																
Zone CRIII																																
Dredging - Zone CRIII																																
CRIII - Temporary Pipe Pile Wave Wall (1st Stage)																																
MAR12360	CRIII - temp pipe pile wall (34-197) - install 610 dia. pipe pile [Remaining 28 nos. @750c/c]	42	18-Oct-14 A	18-Aug-15	[Gantt bar: 18-Oct-14 to 18-Aug-15]																											
CRIII - Temporary Pipe Pile Wave Wall (2nd Stage)																																
MAR10035	CRIII - temp pipe pile wall (1-33) - relocate interim landing steps	0		06-Jul-15*	[Milestone: 06-Jul-15]																											
MAR10040	CRIII - temp pipe pile wall (1-33) - install 610 dia. pipe pile [33nos. @750c/c]	40	07-Jul-15	21-Aug-15	[Gantt bar: 07-Jul-15 to 21-Aug-15]																											
Dredging at Zone CRIII																																
2nd Stage of Work (Types 1B(4) & 2D)																																
MAR16095	Zone CRIII - 2nd stage - Remove existing rock armour [B5-E5] after relocating interim landing steps	10	30-Aug-15	08-Sep-15	[Gantt bar: 30-Aug-15 to 08-Sep-15]																											
Zone A2																																
Seawall Construction - Zone A2																																
MAR10775	Zone A2 - seawall - Type 4, 13 - lay toe block and leveling stone in line with backfilling in zone A2(2)	18	30-Jun-15	17-Jul-15	[Gantt bar: 30-Jun-15 to 17-Jul-15]																											
MAR10780	Zone A2 - seawall - install block seawall Type 4 to -1.5mPD	14	18-Jul-15	31-Jul-15	[Gantt bar: 18-Jul-15 to 31-Jul-15]																											
MAR10800	Zone A2 - seawall - install block seawall Type 13 to -1.5mPD	14	18-Jul-15	31-Jul-15	[Gantt bar: 18-Jul-15 to 31-Jul-15]																											
MAR10805	Zone A2 - seawall - install block seawall Type 4 from -1.5 to +4.0mPD	10	01-Aug-15	12-Aug-15	[Gantt bar: 01-Aug-15 to 12-Aug-15]																											
MAR10807	Zone A2 - seawall - install block seawall Type 13 from -1.5 to +4.0mPD	10	01-Aug-15	12-Aug-15	[Gantt bar: 01-Aug-15 to 12-Aug-15]																											
MAR10815	Zone A2 - seawall - place type A behind seawall Type 4 and Type 13 up to -1.5 mPD	7	13-Aug-15	20-Aug-15	[Gantt bar: 13-Aug-15 to 20-Aug-15]																											
MAR10817	Zone A2 - seawall - lay geotextile and filter behind seawall Type 4 and Type 13 up to -1.5 mPD	7	21-Aug-15	28-Aug-15	[Gantt bar: 21-Aug-15 to 28-Aug-15]																											
Filling - Zone A2																																
MAR20365	Zone A2(2) - Public Fill -4.0 to +4.0mPD (behind Type 4 & 13 for temp channel outlet)	28	01-Aug-15	28-Aug-15	[Gantt bar: 01-Aug-15 to 28-Aug-15]																											
Zone C																																
Dredging - Zone C																																
MAR11520	Zone C - Cut existing pipe pile (2 nos.)	30	28-Jul-15	31-Aug-15	[Gantt bar: 28-Jul-15 to 31-Aug-15]																											
Zone D																																
Seawall Construction - Zone D																																
Seawall 2C-L																																
MAR12264	Zone D - Pipe Pile & demolish existing seawall	35	01-Feb-15 A	10-Aug-15	[Gantt bar: 01-Feb-15 to 10-Aug-15]																											
MAR12265	Zone D - complete fabrication of Caisson Seawall 2C-L and ready for delivery	0		30-Jul-15*	[Milestone: 30-Jul-15]																											
MAR12270	Zone D - fill rock mound for Seawall 2C-L	6	11-Aug-15	16-Aug-15	[Gantt bar: 11-Aug-15 to 16-Aug-15]																											
MAR12275	Zone D - lay toe block and level stone for Seawall 2C-L	8	17-Aug-15	25-Aug-15	[Gantt bar: 17-Aug-15 to 25-Aug-15]																											
MAR12280	Zone D - Install Caisson Seawall 2C-L	3	26-Aug-15	28-Aug-15	[Gantt bar: 26-Aug-15 to 28-Aug-15]																											

Data Date: 30-Jun-15

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

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

Date	Revision	Checked	Approved
03-Jul-15			



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Schedule																																																																				
					June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016	July 2016	August 2016	September 2016																																																					
					01	08	15	22	29	06	13	20	27	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19
CWB D - Slip Road 1 - Dwall Construction & Piling																																																																									
SIIA12260	Sec II A - CWB SR1: ground pre-treatment	27	17-Jan-15 A	31-Jul-15	[Gantt bar from 17-Jan-15 to 31-Jul-15]																																																																				
SIIA12280	Sec II A - CWB SR1: Guide Wall	30	10-Feb-15 A	08-Aug-15	[Gantt bar from 10-Feb-15 to 08-Aug-15]																																																																				
SIIA12305	Sec II A - CWB SR1: construct Permanent DWall (1.2m thk)	58	07-Apr-15 A	05-Sep-15	[Gantt bar from 07-Apr-15 to 05-Sep-15]																																																																				
SIIA12310	Sec II A - CWB SR1: construct pre-bored H-pile	42	19-Aug-15	08-Oct-15	[Gantt bar from 19-Aug-15 to 08-Oct-15]																																																																				
SIIA12320	Sec II A - CWB SR1: Temp. Cut-off Wall at Both Ends	45	15-Aug-15	08-Oct-15	[Gantt bar from 15-Aug-15 to 08-Oct-15]																																																																				
SIIA12340	Sec II A - CWB SR1: Ground treatment to Stop End (MTR CWL)	32	29-Aug-15	07-Oct-15	[Gantt bar from 29-Aug-15 to 07-Oct-15]																																																																				
CWB D - Slip Road 1 - Pumping Test Preparation/ Pumping Test																																																																									
SIIA12360	Sec II A - CWB SR1: Grout curtain / contact grout for Dwall	38	17-Aug-15	30-Sep-15	[Gantt bar from 17-Aug-15 to 30-Sep-15]																																																																				
SIIA12380	Sec II A - CWB SR1: Dwall sonic test / interface core	38	17-Aug-15	30-Sep-15	[Gantt bar from 17-Aug-15 to 30-Sep-15]																																																																				
SIIA12400	Sec II A - CWB SR1: Install dewatering/ recharging/ observation wells	38	24-Aug-15	08-Oct-15	[Gantt bar from 24-Aug-15 to 08-Oct-15]																																																																				
Section III - Road D11 & Part of Road P2, Area 4, Implement 1st Stage ITA																																																																									
Roadwork & Utilities																																																																									
General																																																																									
SIII10040	Sec III - roadwork & utilities - storm water drain & subsoil drain	121	01-May-15 A	21-Nov-15	[Gantt bar from 01-May-15 to 21-Nov-15]																																																																				
SIII10060	Sec III - roadwork & utilities - Watermain & Irrigation Mains	100	07-Jul-15*	03-Nov-15	[Gantt bar from 07-Jul-15 to 03-Nov-15]																																																																				
SIII10080	Sec III - roadwork & utilities - gas main and valve chamber	100	17-Jul-15	13-Nov-15	[Gantt bar from 17-Jul-15 to 13-Nov-15]																																																																				
SIII10100	Sec III - roadwork & utilities - HEC cable duct and catchpit	100	27-Jul-15	23-Nov-15	[Gantt bar from 27-Jul-15 to 23-Nov-15]																																																																				
SIII10120	Sec III - roadwork & utilities - sub-base	100	06-Aug-15	03-Dec-15	[Gantt bar from 06-Aug-15 to 03-Dec-15]																																																																				
SIII10140	Sec III - roadwork & utilities - Road kerb	100	15-Aug-15	12-Dec-15	[Gantt bar from 15-Aug-15 to 12-Dec-15]																																																																				
SIII10160	Sec III - roadwork & utilities - flexible pavement	100	26-Aug-15	23-Dec-15	[Gantt bar from 26-Aug-15 to 23-Dec-15]																																																																				
SIII10180	Sec III - roadwork & utilities - Road Lighting, TCSS Ducts & Traffic Signs	100	26-Aug-15	23-Dec-15	[Gantt bar from 26-Aug-15 to 23-Dec-15]																																																																				
Section VI A - Box Culvert La, L1 & FRP-L Construction																																																																									
Sec VI C - Box Culvert La bay 4 (North)																																																																									
CUL11652	Sec VI C - Culvert L - bay 4 (north half) - excavate to formation level	18	25-Jul-15	14-Aug-15	[Gantt bar from 25-Jul-15 to 14-Aug-15]																																																																				
CUL11655	Sec VI C - Culvert L - bay 4 (north half) - place granular fill and lay geotextile filter	10	15-Aug-15	26-Aug-15	[Gantt bar from 15-Aug-15 to 26-Aug-15]																																																																				
Box Culvert L1 & FRP-L Construction (Bay 5 - Bay 7)																																																																									
Box Culvert L1 & FRP-L - Bay 5 to 7 Structure																																																																									
Box Culvert L1 & FRP-L - Precast Unit Fabrication (Pile Cap)																																																																									
CUL10866	Sec VI C - Culvert L - bay 5-7 - PC1 to PC6 Construct precast Pile Cap	13	02-Jun-15 A	15-Jul-15	[Gantt bar from 02-Jun-15 to 15-Jul-15]																																																																				
Box Culvert L1 & FRP-L - Precast Unit Fabrication (Box Structure)																																																																									
CUL10870	Sec VI C - Culvert L - bay 5, 6 & 7 - Construct precast culvert units with Bulkhead	17	18-Apr-15 A	20-Jul-15	[Gantt bar from 18-Apr-15 to 20-Jul-15]																																																																				
CUL10872	Sec VI C - Culvert L - bay 4b - Construct precast culvert units with Bulkhead	16	16-Jul-15	03-Aug-15	[Gantt bar from 16-Jul-15 to 03-Aug-15]																																																																				
CUL10873	Sec VI C - Culvert L - bay 4b, 5-7 - dismantle formwork and curing for precast culvert units	8	04-Aug-15	12-Aug-15	[Gantt bar from 04-Aug-15 to 12-Aug-15]																																																																				
Box Culvert L1 & FRP-L - Precast Unit Installation																																																																									
CUL10864	Sec VI C - Culvert L - bay 5-7 - Demolition of Piling Platform	9	30-May-15 A	10-Jul-15	[Gantt bar from 30-May-15 to 10-Jul-15]																																																																				
CUL10865	Sec VI C - Culvert L - bay 5-7 - Install precast pile caps PC1 to PC6	12	11-Jul-15	24-Jul-15	[Gantt bar from 11-Jul-15 to 24-Jul-15]																																																																				
CUL10874	Sec VI C - Culvert L - bay 5-7 - Demolition of Temp Platform & Cofferdam ready for towing precast culvert	16	25-Jul-15	12-Aug-15	[Gantt bar from 25-Jul-15 to 12-Aug-15]																																																																				
CUL10875	Sec VI C - Culvert L - bay 5-7 (& Bay 4b) - install precast culvert units & Touch Up	16	13-Aug-15	31-Aug-15	[Gantt bar from 13-Aug-15 to 31-Aug-15]																																																																				
Box Culvert L1 & FRP-L - Bay 8																																																																									



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Box Culvert L1 & FRP-L - Bay 8 Temp Work & ELS																																																																									
CUL10200	Culvert L - bay 8 - ELS and bulk excavation & Dwall Break Through ready for Flow Diversion	17	15-Jun-15 A	20-Jul-15																																																																					
Box Culvert L1 & FRP-L - Bay 9 to 11																																																																									
Box Culvert L1 & FRP-L - Bay 9 to 11 General																																																																									
CUL11695	Culvert L - [Summary of Cul L bay 9 to 11] - construct in-situ box culverts	17	08-Jun-15 A	20-Jul-15																																																																					
Box Culvert L1 & FRP-L - Bay 9																																																																									
CUL11740	Culvert L - bay 9 - construct Wall & Roof	14	18-Jun-15 A	16-Jul-15																																																																					
Box Culvert L1 & FRP-L - Bay 10																																																																									
CUL11860	Culvert L - bay 10 - construct Wall & Roof	17	30-Jun-15	20-Jul-15																																																																					
Box Culvert L1 & FRP-L - Bay 11																																																																									
CUL11920	Culvert L - bay 11 - construct top slab	12	22-Jun-15 A	14-Jul-15																																																																					
Box Culvert L1 & FRP-L - Bay 9-11 Others																																																																									
CUL11930	Culvert L - bay 9-11 - Upstand Wall	18	20-Jun-15 A	27-Jul-15																																																																					
CUL11940	Culvert L - bay 9-11 - divert flow to Culvert L permanent structures (bay 9 to bay 11)	0		31-Jul-15																																																																					
CUL12020	Culvert L - bay 9-11 - backfill from top slab to final formation level	60	28-Jul-15	07-Oct-15																																																																					
Box Culvert L1 & FRP-L - Bay 12 to 13																																																																									
Box Culvert L1 & FRP-L - Bay 12 to 13 Piling																																																																									
CUL12354	Culvert L - bay 12 - construct pre-bored H-pile (PC9)	12	27-Jun-15 A	14-Jul-15																																																																					
Box Culvert L1 & FRP-L - Bay 12 to 13 Temp Work & ELS																																																																									
CUL12385	Culvert L - bay 12 - ELS and bulk excavation & Dwall Break Through Ready for Diversion	23	03-Jun-15 A	27-Jul-15																																																																					
CUL12405	Culvert L - bay 12 & 13 - extract sheet piles ready for flow diversion (from Bay 4 to Bay 11)	5	27-Jul-15	31-Jul-15																																																																					
Section VI C - Area 3, 6, 8A & 8C																																																																									
Area 8A & 8C - Seawall Modification																																																																									
Modification of Seawall																																																																									
Modification of Seawall - Zone 1 & 2																																																																									
PRS10043	Sec VIC - Pipe Pile P32 to P62	35	30-May-15 A	10-Aug-15																																																																					
PRS10044	Sec VIC - P33, P33A, P34, P34A, P35, P35A	24	11-Aug-15	07-Sep-15																																																																					
Modification of Seawall - Zone 4																																																																									
PRS10160	Sec VIC - Working Platform (Zone 4)	8	11-Aug-15	19-Aug-15																																																																					
PRS10180	Sec VIC - Pipe Pile P63 to P68 & P64A (Zone 4)	18	20-Aug-15	09-Sep-15																																																																					
Area 6 - Box Culvert bay 5-6																																																																									
SVIC10000	Sec VI C - [Summary] Construct Box Culvert Bay 5-6	53	18-Apr-15 A	31-Aug-15																																																																					
Area 3 - Box Culvert bay 4 and Roadwork																																																																									
SVIC10220	Sec VI C - [Summary] Construct Box Culvert Bay 4 in Area 3	53	01-Jan-15 A	31-Aug-15																																																																					
Section VI D - Area 8B & 10																																																																									
WDII Box 1 Construction																																																																									
WDII Box 1 Submission and Approval / Material Procurement																																																																									
PCU60410	Sec VI D - WD II Box 1 - Prepare Subcontract for Box 1 structure	60	08-Aug-15	06-Oct-15																																																																					
Section VII - Remainder Works																																																																									
Landing Steps Construction																																																																									



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	June 2015		July 2015			August 2015			September 2015			October 2015			November 2015			December 2015			January 2016			February 2016			March 2016			April 2016			May 2016			June 2016			July 2016			August 2016			September 2016																			
					01	08	15	22	29	06	13	20	27	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15
SVII11180	Sec VII - Landing Steps - form temporary access from landing steps to Fleet Acade	5	10-Jun-15 A	06-Jul-15	■																																																															
Demolition of Interim Landing Steps and Construct Permanent Seawall at CR111																																																																				
SVII10160	Sec VII - remove interim landing steps - install silt curtain	3	19-Aug-15	21-Aug-15																																																																
SVII10180	Sec VII - remove interim landing steps - break and remove seawall coping	3	22-Aug-15	25-Aug-15																																																																
SVII10200	Sec VII - remove interim landing steps - open cut behind interim landing steps	3	26-Aug-15	28-Aug-15																																																																
SVII10220	Sec VII - remove interim landing steps - protect open cut slope	2	29-Aug-15	31-Aug-15																																																																
Section X - Protection & Preservation of Trees																																																																				
Soft Landscaping Works																																																																				
SX10020	Sec X - Protection & Preservation of Trees	753	31-Jan-13 A	21-Jul-17	■																																																															

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

China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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

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

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WORKS PROGRAMME REV. M

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

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

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China State Construction Engineering (Hong Kong) Ltd

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WORKS PROGRAMME REV. M

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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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

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China State Construction Engineering (Hong Kong) Ltd

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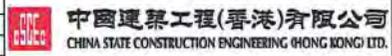
中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING HONG KONG LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016							
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3				
A8705	SR8 Bench Excavation From West, CH 4065- 4075 = 10m	7d/wk-1a	20d	25-Sep-14 08	15-Oct-14 18	148d												
A8685	SR8 Bench Excavation From West, CH 4075- 4085 = 10m	7d/wk-1a	20d	16-Oct-14 08	04-Nov-14 18	148d												
A8680	SR8 Bench Excavation From West, CH 4085- 4095 = 10m	7d/wk-1a	20d	05-Nov-14 08	24-Nov-14 18	148d												
A8725	SR8 Bench Excavation From West, CH 4095- 4100 = 5m	7d/wk-1a	10d	25-Nov-14 08	04-Dec-14 18	148d												
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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Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016						
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A8595	SR8, From West, CH 4015 - 4020 = 1bay, lining	7d/wk-1a	9d	01-Nov-14 08	09-Nov-14 18	137d											
A8600	SR8, From West, CH 4020 - 4025 = 1bay, lining	7d/wk-1a	9d	10-Nov-14 08	18-Nov-14 18	137d											
A8605	SR8, From West, CH 4025 - 4030 = 1bay, lining	7d/wk-1a	5d	19-Nov-14 08	23-Nov-14 18	137d											
A8610	SR8, From West, CH 4030 - 4035 = 1bay, lining	7d/wk-1a	5d	24-Nov-14 08	28-Nov-14 18	137d											
A8615	SR8, From West, CH 4035 - 4040 = 1bay, lining	7d/wk-1a	5d	29-Nov-14 08	03-Dec-14 18	137d											
A8620	SR8, From West, CH 4040 - 4045 = 1bay, lining	7d/wk-1a	5d	04-Dec-14 08	08-Dec-14 18	137d											
A8625	SR8, From West, CH 4045 - 4050 = 1bay, lining	7d/wk-1a	5d	09-Dec-14 08	13-Dec-14 18	137d											
A8630	SR8, From West, CH 4050 - 4055 = 1bay, lining	7d/wk-1a	5d	14-Dec-14 08	18-Dec-14 18	137d											
A8635	SR8, From West, CH 4055 - 4060 = 1bay, lining	7d/wk-1a	5d	19-Dec-14 08	23-Dec-14 18	137d											
A8640	SR8, From West, CH 4060 - 4065 = 1bay, lining	7d/wk-1a	5d	24-Dec-14 08	29-Dec-14 18	137d											
A8645	SR8, From West, CH 4065 - 4070 = 1bay, lining	7d/wk-1a	5d	30-Dec-14 08	04-Jan-15 18	137d											
A8647	SR8, From West, CH 4070 - 4075 = 1bay, lining	7d/wk-1a	5d	05-Jan-15 08	09-Jan-15 18	137d											
A8648	SR8, From West, CH 4075 - 4080 = 1bay, lining	7d/wk-1a	5d	10-Jan-15 08	14-Jan-15 18	137d											
A8649	SR8, From West, CH 4080 - 4085 = 1bay, lining	7d/wk-1a	5d	15-Jan-15 08	19-Jan-15 18	137d											
A8651	SR8, From West, CH 4085 - 4090 = 1bay, lining	7d/wk-1a	5d	20-Jan-15 08	24-Jan-15 18	137d											
A8652	SR8, From West, CH 4090 - 4095 = 1bay, lining	7d/wk-1a	5d	25-Jan-15 08	29-Jan-15 18	137d											
A8653	SR8, From West, CH 4095 - 4100 = 1bay, lining	7d/wk-1a	5d	30-Jan-15 08	03-Feb-15 18	137d											
A8654	SR8, From West, CH 4100 - 4105 = 1bay, lining	7d/wk-1a	5d	04-Feb-15 08	08-Feb-15 18	137d											
From East - Base Slab (10m/bay, 10m separation with benching excavation)																	
A9775	SR8 From East, CH 4149.5 - 4145 = 4.5m, base slab	7d/wk-1a	8d	02-Dec-14 08	09-Dec-14 18	0d											
A9780	SR8 From East, CH 4145 - 4135 = 10m/bay, base slab	7d/wk-1a	8d	10-Dec-14 08	17-Dec-14 18	0d											
A9785	SR8 From East, CH 4135 - 4125 = 10m/bay, base slab	7d/wk-1a	8d	18-Dec-14 08	26-Dec-14 18	8d											
A9786	SR8 From East, CH 4125 - 4115 = 10m/bay, base slab	7d/wk-1a	8d	27-Dec-14 08	04-Jan-15 18	10d											
From East - Lining (5m/bay, 10m separation with base slab)																	
A9820	From East, SR8 CH 4149.5 - 4145 = 4.5m, 1 bay, lining	7d/wk-1a	5d	18-Dec-14 08	22-Dec-14 18	0d											
A9815	From East, SR8 CH 4145 - 4140 = 1bay, lining	7d/wk-1a	5d	23-Dec-14 08	28-Dec-14 18	6d											
A9810	From East, SR8 CH 4140 - 4135 = 1bay, lining	7d/wk-1a	5d	29-Dec-14 08	03-Jan-15 18	6d											
A9805	From East, SR8 CH 4135 - 4130 = 1bay, lining	7d/wk-1a	5d	04-Jan-15 08	08-Jan-15 18	6d											

- 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
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

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

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

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China State Construction Engineering (Hong Kong) Ltd

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WORKS PROGRAMME REV. M

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

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

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

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

WORKS PROGRAMME REV. M

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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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			
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
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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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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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

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China State Construction Engineering (Hong Kong) Ltd

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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	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 A (13A), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XIII A (13A), KD7 +28							
CD_5705	Portion Handover - Portion VIII (8), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion VIII (8), KD7 +28							
CD_5730	Portion Handover - Portion XIV A (14A), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XIV A (14A), KD7 +28							
CD_5740	Portion Handover - Portion XV (15), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XV (15), KD7 +28							
CD_5805	Portion Handover - Portion XXIII (23), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XXIII (23), KD7 +28							
CD_5775	Portion Handover - Portion XVIII (18), KD10 +28	7d/wk-2	0d		30-Nov-15 18*	0d				◆ Portion Handover - Portion XVIII (18), KD10 +28				
CD_5710	Portion Handover - Portion XI (11), KD9 +28	7d/wk-2	0d		27-Dec-15 18*	0d				◆ Portion Handover - Portion XI (11), KD9 +28				
CD_5700	Portion Handover - Portion IX (9), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d					◆ Portion Handover - Portion			
CD_5745	Portion Handover - Portion XIV B (14B), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d					◆ Portion Handover - Portion			
CD_5755	Portion Handover - Portion XVI (16), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d					◆ Portion Handover - Portion			
CD_5750	Portion Handover - Portion XVII (17), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d					◆ Portion Handover - Portion			
CD_5760	Portion Handover - Portion XIX (19), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d					◆ Portion Handover - Portion			
CD_5780	Portion Handover - Portion XX B (20B), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d					◆ Portion Handover - Portion			

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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

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

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

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		

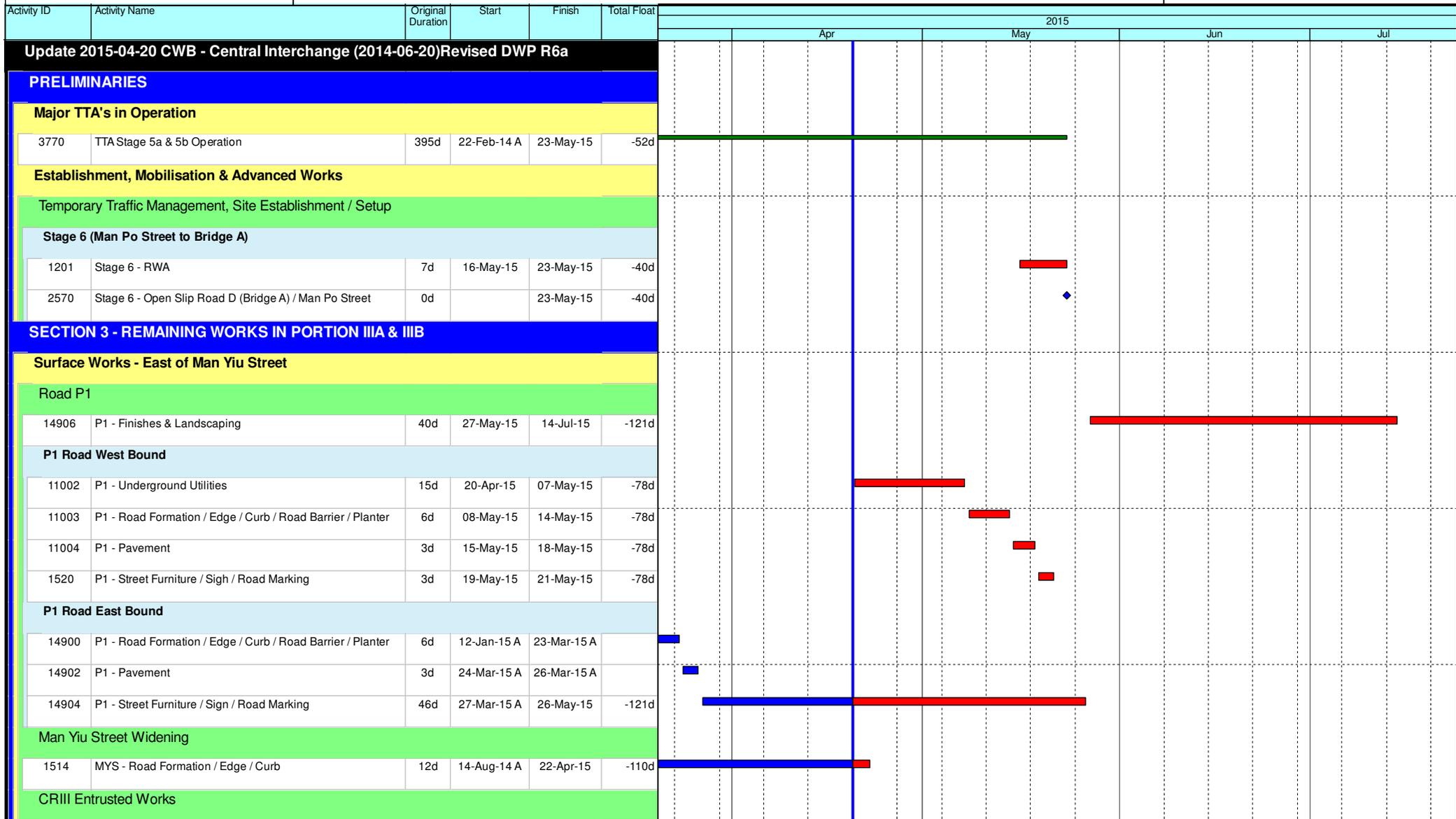


中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Data Date: 20-Apr-15

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

TASK filters: 3 Months_1, Not HL.



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

Leighton Contractors (Asia) Limited Programme Update 55 (April 2015) THREE MONTH ROLLING

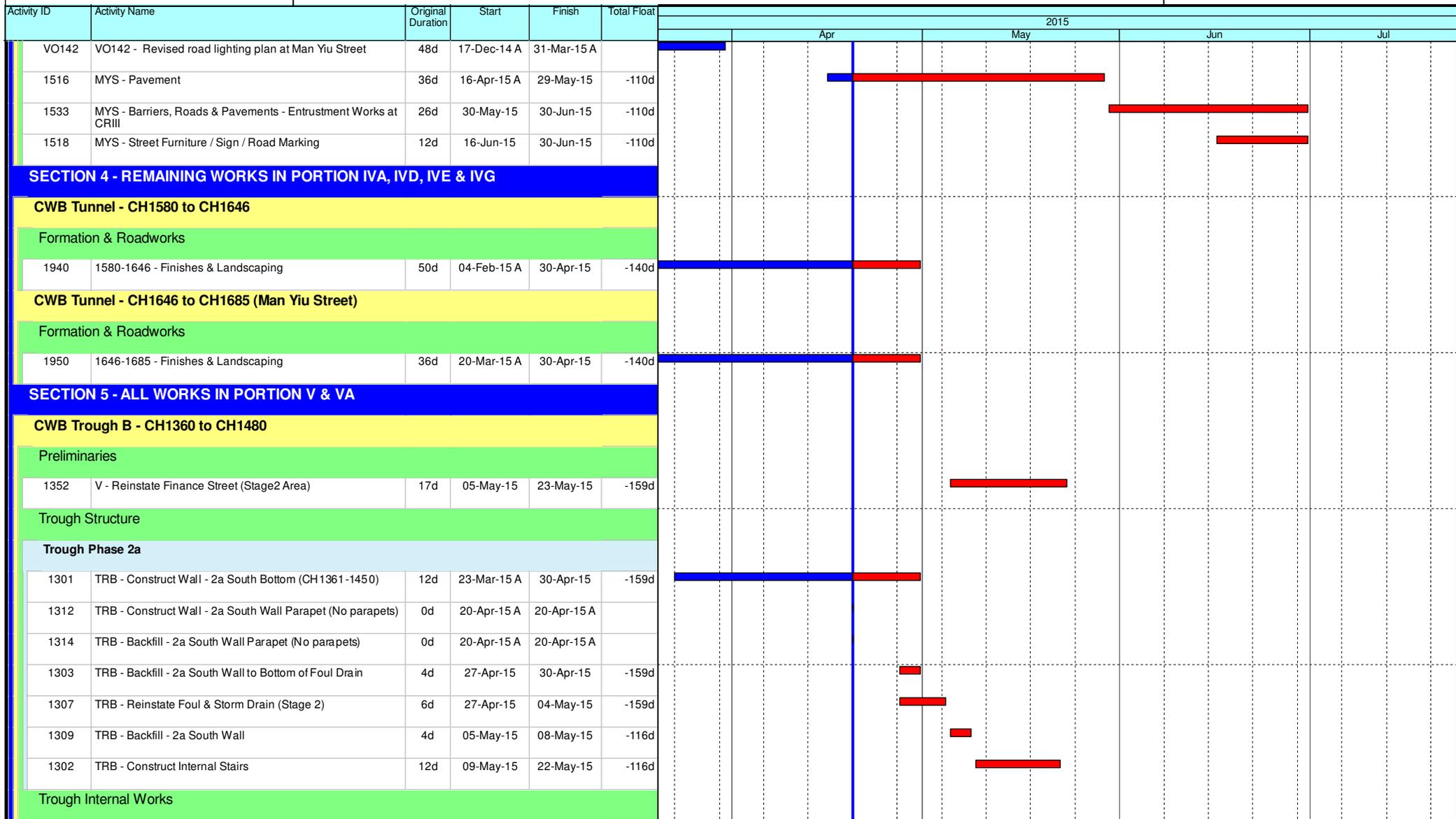
Project ID: U055
 Baseline: DCP7-2c
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Date	Revision	Checked	Appro...
20-Mar-15	U054	AT	BY
20-Apr-15	U055	AT	BY

Data Date: 20-Apr-15

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

TASK filters: 3 Months_1, Not HL.



- ◆ Current Milestone
- Critical Remaining Work
- ▬ Level of Effort
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Leighton Contractors (Asia) Limited Programme Update 55 (April 2015) THREE MONTH ROLLING

Project ID: U055
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Date	Revision	Checked	Appro...
20-Mar-15	U054	AT	BY
20-Apr-15	U055	AT	BY

Data Date: 20-Apr-15

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

TASK filters: 3 Months_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Apr	May	Jun	Jul
2140	TRB - Construct Roadside Service Ducts	24d	24-Apr-15	22-May-15	-116d				
2150	TRB - Road Pavement & Finishes (works may transfer to CC?)	24d	09-May-15	06-Jun-15	-116d				
SECTION 6 - ALL WORKS IN PORTION VI									
Bridge B									
Bridge Furniture & Finishes									
2230	BRB - Construct Parapets	100d	20-Apr-15	18-Aug-15	111d				
General Surface Works									
Retaining Wall A									
2448	RWA - Rumsey Street Flyover Diverted to Bridge A	0d		23-May-15	-20d				
2450	RWA - Site Clearance	25d	26-May-15	24-Jun-15	-20d				
2470	RWA - Excavate & Lateral Support	50d	25-Jun-15	22-Aug-15	-20d				
Retaining Wall B									
2598	RWB - Rumsey Street Flyover Diverted to Bridge A	0d		23-May-15	-40d				
2600	RWB - Site Clearance	25d	26-May-15	24-Jun-15	-40d				
2610	RWB - Divert Existing Utilities (if any)	50d	25-Jun-15	22-Aug-15	-40d				
Retaining Wall F									
2648	RWF - Implement Localised TTA on Finance St.	24d	26-May-15	23-Jun-15	-51d				
2650	RWF - Site Clearance	12d	24-Jun-15	08-Jul-15	-51d				
2660	RWF - Divert Existing Utilities (if any)	25d	09-Jul-15	06-Aug-15	-51d				
Formation & Roadworks - All Remaining Areas									
2850	VI - U/G Drainage & Ducts	179d	30-Jun-15	01-Feb-16	-51d				
Bridge A									
Bridge Furniture & Finishes									
1346a	BRA - VO/145: Crash cushion barrier procurement	72d	18-Dec-14 A	30-Apr-15	118d				
2380	BRA - Road Pavement & Finishes	22d	20-Apr-15	15-May-15	-40d				

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Leighton Contractors (Asia) Limited Programme Update 55 (April 2015) THREE MONTH ROLLING

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Date	Revision	Checked	Appro...
20-Mar-15	U054	AT	BY
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Data Date: 20-Apr-15

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

TASK filters: 3 Months_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Apr	May	Jun	Jul
1346b	BRA - VO/145: Crash cushion barrier manufacturing and delivery	96d	02-May-15	25-Aug-15	118d				
Trough A									
Trough Structure									
1612	TRA - Concrete profile barrier and backfilling internal TSA-1 to TSA-5	21d	27-Jan-15 A	24-Apr-15	-16d				
1613	TRA - Drainage construction (3 gullies & 1 manhole)	60d	19-Feb-15 A	12-May-15	-40d				
2440	TRA - Road Pavement & Finishes	10d	13-May-15	23-May-15	-40d				
Elevated Layby at Rumsey Street Flyover East Bound									
Bridge Structure									
2880	RSFLB - Demolish Existing Parapet	18d	18-Apr-15 A	09-May-15	154d				
2770	RSFLB - Pier E1/E2 Bridge Deck	36d	11-May-15	23-Jun-15	154d				
2780	RSFLB - Construct Parapet	18d	24-Jun-15	15-Jul-15	154d				
1381	RSFLB - Construct Stitch	1d	16-Jul-15	16-Jul-15	154d				
2890	RSFLB - Road Pavement & Finishes	10d	17-Jul-15	28-Jul-15	154d				
SECTION 7, 7A, 7B & 7C - LANDSCAPE ESTABLISHMENT									
4020	EST - Portion IVD Landscape Establishment	365d	20-Apr-15	18-Apr-16	-167d				
4030	EST - Portion V Landscape Establishment	365d	20-Apr-15	18-Apr-16	-167d				
4070	EST - Portion VA Landscape Establishment	365d	20-Apr-15	18-Apr-16	-167d				
4010	EST - Portion IVA Landscape Establishment	365d	01-May-15	29-Apr-16	-178d				
4050	EST - Portion IVE Landscape Establishment	365d	01-May-15	29-Apr-16	-178d				
4060	EST - Portion IVG Landscape Establishment	365d	01-May-15	29-Apr-16	-178d				
4000	EST - Portion IIIA Landscape Establishment	365d	15-Jul-15	13-Jul-16	-158d				
INTERFACING WORKS									
Interfacing with CWB(RW)									
4220	INT - Section 4 - Joint Inspection & Handover to CWB(RW)	14d	01-May-15	14-May-15	-164d				
4225	INT - Section 5 - Joint Inspection & Handover to CWB(RW)	14d	07-Jun-15	20-Jun-15	-135d				

- ◆ Current Milestone
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Leighton Contractors (Asia) Limited Programme Update 55 (April 2015) THREE MONTH ROLLING

Project ID: U055
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Date	Revision	Checked	Appro...
20-Mar-15	U054	AT	BY
20-Apr-15	U055	AT	BY

Data Date: 20-Apr-15

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

TASK filters: 3 Months_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015																	
						Apr			May			Jun			Jul								
Key Dates for Completion of Sections																							
Anticipated Completion																							
1064	KD6 - Anticipated Completion	0d		23-May-15*	-201d																		
1074	KD9 - Anticipated Completion (EOT 66 days added)	0d		24-Jun-15*	-167d																		
1084	KD3 - Anticipated Completion (EOT 26.5 days added)	0d		14-Jul-15*	-131d																		
Contract Required Completion																							
1075	KD9 - Section 5 Complete (DAY-1505) - (EOT 66 days added)	0d		20-Apr-15*	-101d																		
1085	KD3 - Section 3 Complete (DAY-1600) - (EOT 26.5 days added)	0d		20-Apr-15*	-45d																		
Portion Handover Dates																							
Anticipated Handover																							
2935	Portion IVD Handover (KD6 + 28 days)	0d		20-Jun-15*	-201d																		
2940	Portion IVE Handover (KD6 + 28 days)	0d		20-Jun-15*	-201d																		
2945	Portion IVG Handover (KD6 + 28 days)	0d		20-Jun-15*	-201d																		
2930	Portion IVA Handover (KD6 + 28 days)	0d		20-Jun-15*	-201d																		
Contract Required Handover																							
3027	Portion IIIB Handover (KD4 + 28 days)	0d		20-Apr-15*	-233d																		
3020	Portion IIIC Handover (KD5 + 28 days)	0d		20-Apr-15*	-415d																		
3030	Portion IVA Handover (KD6 + 28 days)	0d		20-Apr-15*	-139d																		
3025	Portion IVB Handover (KD7 + 28 days)	0d		20-Apr-15*	-303d																		
3060	Portion IVD Handover (KD6 + 28 days)	0d		20-Apr-15*	-139d																		
3070	Portion IVE Handover (KD6 + 28 days)	0d		20-Apr-15*	-139d																		
3090	Portion IVG Handover (KD6 + 28 days)	0d		20-Apr-15*	-139d																		
3010	Portion IVH Handover (KD7 + 28 days)	0d		20-Apr-15*	-303d																		
3095	Portion IIIA Handover (KD3 + 28 days) - (EOT 26.5 days added)	0d		17-May-15*	-45d																		
3092	Portion V Handover (KD9 + 28 days) - EOT 66 days added	0d		17-May-15*	-101d																		

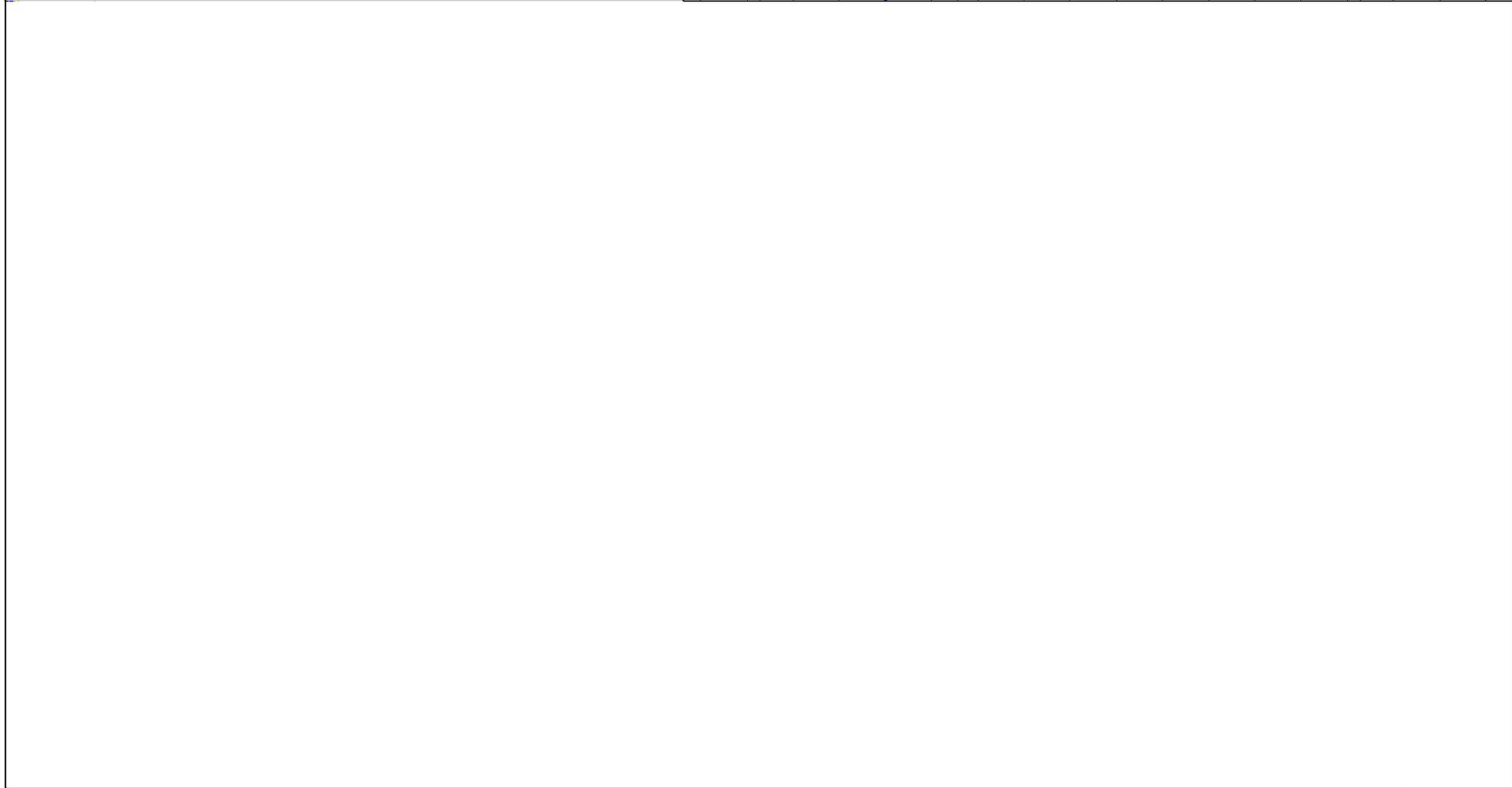
- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

Leighton Contractors (Asia) Limited Programme Update 55 (April 2015) THREE MONTH ROLLING

Project ID: U055
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U055
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Date	Revision	Checked	Appro...
20-Mar-15	U054	AT	BY
20-Apr-15	U055	AT	BY

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015																			
						Apr				May				Jun				Jul							
						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
3094	Portion VA Handover (KD9 + 28 days) - EOT 66 days added	0d		17-May-15*	-101d																				



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

Leighton Contractors (Asia) Limited
Programme Update 55 (April 2015)
THREE MONTH ROLLING

Project ID: U055
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U055
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Date	Revision	Checked	Appro...
20-Mar-15	U054	AT	BY
20-Apr-15	U055	AT	BY

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																		
						May			June			July			August			Number						
						3	10	17	24	31	07	14	21	28	05	12	19		26	02	09	16	23	30
3MRP - May 2015 to Aug 2015																								
02 - PRE-CONSTRUCTION WORKS																								
02.3 - Method Statement / Shop Drawings																								
0230-1380	MS Landscape Deck Structure - Submission	28	20-May-15	16-Jun-15	811																			
0230-1390	MS Landscape Deck Structure - ER Review & Comment	28	17-Jun-15	14-Jul-15	811																			
0230-1400	MS Landscape Deck Structure - Resubmission	28	15-Jul-15	11-Aug-15	811																			
0230-1611	MS Noise Semi Enclosure - Submission	60	20-May-15	18-Jul-15	131																			
0230-1612	MS Noise Semi Enclosure - ER Review / Comment	28	19-Jul-15	15-Aug-15	131																			
0230-1690	MS Approach Ramp - ER Approval	14	01-Feb-15 A	02-Jun-15	304																			
A10110	MS for Partition Walls and outstanding columns at APS Basement - ER No Adverse Comment	0	01-Feb-15 A	28-Apr-15 A																				
A10500	MS EVB Basement & Mezzanine Construction - ER Review / Comment	1	16-Jan-15 A	20-May-15	26																			
A10510	MS EVB Basement & Mezzanine Construction - Resubmission	14	21-May-15	03-Jun-15	26																			
A10520	MS EVB Basement & Mezzanine Construction - No Adverse Comment	14	04-Jun-15	17-Jun-15	26																			
A10640	MS for Demolition of existing Westbound Bridge - Submission	0	20-Feb-15 A	28-Feb-15 A																				
A10650	MS Demolition of existing Westbound Bridge - ER Review / Comment	0	01-Mar-15 A	15-Mar-15 A																				
A10660	MS Demolition of existing Westbound Bridge - Resubmission	0	16-Mar-15 A	20-Apr-15 A																				
A10670	MS Demolition of existing Westbound Bridge - No Adverse Comment	14	20-May-15	02-Jun-15	13																			
A10680	MS for Connection of EVB and EVA - Submission	10	10-Mar-15 A	29-May-15	0																			
A10690	MS for Connection of EVB and EVA - ER Review & Comment	12	30-May-15	10-Jun-15	0																			
A10700	MS for Connection of EVB and EVA - Resubmission	6	11-Jun-15	16-Jun-15	0																			
A10710	MS for Connection of EVB and EVA - ER No Adverse Comment	10	17-Jun-15	26-Jun-15*	0																			
A5940	MS for Temporary Steel Tower under existing W/B Bridge - ER No Adverse Comment	2	15-Feb-15 A	21-May-15	27																			
A7580	MS Temporary Bridge TA2 - Resubmission	0	16-Mar-15 A	22-Apr-15 A																				
A7590	MS Temporary Bridge TA2 - ER No Adverse Comment	6	23-Apr-15 A	25-May-15	6																			
A8931	MS for installation of Temporary JTI sign gantry- Submission	0	10-Mar-15 A	15-Mar-15 A																				
A8941	MS for installation of Temporary JTI sign gantry - ER Review & Comment	0	16-Mar-15 A	19-Mar-15 A																				
A8951	MS for installation of Temporary JTI sign gantry - Resubmission	0	20-Mar-15 A	31-Mar-15 A																				
A8961	MS for installation of Temporary JTI sign gantry - ER No Adverse Comment	0	01-Apr-15 A	18-Apr-15 A																				
02.4 - Contractor's Design and Build Items																								
0240-1113	Noise Enclosure Structural - Shop Drawings	0	02-Jan-14 A	20-May-15	50																			
0240-1180	HGHK Permanent Carpark Design - ER/HGHK Review and Comment	50	20-May-15	08-Jul-15	1																			
0240-1270	Landscaping Design - Submission	90	20-May-15*	17-Aug-15	659																			
A5890	Temp Bridge "TA2" Design (Foundation & Structure) - ER No Adverse Comment	0	01-Dec-14 A	22-Apr-15 A																				
A5900	Temp Bridge "TA2" - Fabrication	2	01-Dec-14 A	22-May-15	4																			
A8991	Design for Trial Panels > Green Roof & Wall- ER No Adverse Comment	0	28-Feb-15 A	10-Apr-15 A																				
A9001	Design for Trial Panels > Green Roof & Wall - Fabrication	0	01-Mar-15 A	17-Apr-15 A																				
02.5 - Bridge Segment/Beam Off-site Precasting																								
0250-1720.19	Precast Beam Bridge C1 2021-C	0	26-Jan-15 A	25-Mar-15 A																				
0250-1720.20	Precast Beam Bridge C1 2122-A	0	11-Feb-15 A	25-Mar-15 A																				
0250-1720.21	Precast Beam Bridge C1 2122-B	0	12-Feb-15 A	29-Apr-15 A																				
0250-1720.22	Precast Beam Bridge C1 2122-C	0	12-Feb-15 A	29-Apr-15 A																				
0250-1720.23	Precast Beam Bridge C1 2122-D	14	15-Apr-15 A	05-Jun-15	153																			
0250-1720.25	Precast Beam Bridge C1 2122-E	18	05-Jun-15	27-Jun-15	153																			
0250-1720.26	Precast Beam Bridge C1 2122-F	18	27-Jun-15	20-Jul-15	153																			
0250-1720.27	Precast Beam Bridge E E3E2-A	14	10-May-15 A	09-Jun-15	89																			
0250-1720.28	Precast Beam Bridge E E3E2-B	14	10-May-15 A	09-Jun-15	89																			
0250-1720.29	Precast Beam Bridge E E3E2-C	18	14-Apr-15 A	09-Jun-15	89																			
0250-1720.30	Precast Beam Bridge E E4E3-A	14	06-Apr-15 A	05-Jun-15	89																			

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

Contract HY/2009/19

3 Months Rolling Program (20 May 2015 - 19 Aug 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																			
						May					June					July					August				September
						3	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30		
0250-1720.31	Precast Beam Bridge E E4E3-B	14	08-May-15 A	05-Jun-15	92	Precast Beam Bridge E E4E3-B																			
0250-1720.32	Precast Beam Bridge E E4E3-C	14	03-Apr-15 A	05-Jun-15	92	Precast Beam Bridge E E4E3-C																			
0250-1720.33	Precast Beam Bridge F5 - 10	18	05-Jun-15	27-Jun-15	135	Precast Beam Bridge F5 - 10																			
0250-1720.35	Precast Beam Bridge F5 - 11	18	27-Jun-15	20-Jul-15	135	Precast Beam Bridge F5 - 11																			
0250-1720.36	Precast Beam Bridge F5 - 12	18	20-Jul-15	10-Aug-15	135	Precast Beam Bridge F5 - 12																			
0250-1720.37	Precast Beam Bridge F5 - 13	18	10-Aug-15	31-Aug-15	135	Precast Beam Bridge F5 - 13																			
0250-2070	Bridge F1C Pier 36 T-span Segment Off-site Casting (13 nos.)	31	20-May-15	25-Jun-15	159	Bridge F1C Pier 36 T-span Segment Off-site Casting (13 nos.)																			
0250-2080	Bridge F1C Pier 37 T-span Segment Off-site Casting (11 nos.)	27	26-Jun-15	28-Jul-15	159	Bridge F1C Pier 37 T-span Segment Off-site Casting (11 nos.)																			
0250-2090	Bridge F1C Abut D12 End-span Segment Off-site Casting (7 nos.)	22	20-May-15	13-Jun-15	168	Bridge F1C Abut D12 End-span Segment Off-site Casting (7 nos.)																			
0250-2100	Bridge F1C Pier 38 End-span Segment Off-site Casting (6 nos.)	19	15-Jun-15	08-Jul-15	176	Bridge F1C Pier 38 End-span Segment Off-site Casting (6 nos.)																			
0250-2110	Bridge F2C Pier 39 T-span Segment Off-site Casting (13 nos.)	0	11-Jan-15 A	26-Mar-15 A		Bridge F2C Pier 39 T-span Segment Off-site Casting (13 nos.)																			
0250-2120	Bridge F2C Pier 38 End-span Segment Off-site Casting (5 nos.)	0	09-Jan-15 A	10-Mar-15 A		Bridge F2C Pier 38 End-span Segment Off-site Casting (5 nos.)																			
0250-2130	Bridge F2C Pier 40 End-span Segment Off-site Casting (5 nos.)	0	09-Feb-15 A	10-Mar-15 A		Bridge F2C Pier 40 End-span Segment Off-site Casting (5 nos.)																			
0250-2140	Bridge F3C Pier 41 T-span Segment Off-site Casting (13 nos.)	31	10-Apr-15 A	25-Jun-15	235	Bridge F3C Pier 41 T-span Segment Off-site Casting (13 nos.)																			
0250-2150	Bridge F3C Pier 42 T-span Segment Off-site Casting (11 nos.)	22	18-Apr-15 A	13-Jun-15	244	Bridge F3C Pier 42 T-span Segment Off-site Casting (11 nos.)																			
0250-2160	Bridge F3C Pier 40 End-span Segment Off-site Casting (5 nos.)	16	10-Apr-15 A	06-Jun-15	243	Bridge F3C Pier 40 End-span Segment Off-site Casting (5 nos.)																			
0250-2170	Bridge F3C Pier 43 End-span Segment Off-site Casting (6 nos.)	19	08-Jun-15	30-Jun-15	243	Bridge F3C Pier 43 End-span Segment Off-site Casting (6 nos.)																			
A2410	Completion of Beam Off-Site Pre casting (Pier 17 - 20)	0		20-Jul-15	153	Completion of Beam Off-Site Pre casting (Pier 17 - 20)																			
A2420	Completion of Beam Off-Site Pre casting (Pier E2 - E3)	0		05-Jun-15	119	Completion of Beam Off-Site Pre casting (Pier E2 - E3)																			
A8380	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2)	19	13-Jun-15	08-Jul-15	393	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2)																			
A8390	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1)	40	02-Jul-15	17-Aug-15	421	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1)																			
A8410	Bridge F1B2 - Pier F3B2 Segment - 6 nos. (S2)	19	15-Jul-15	06-Aug-15	393	Bridge F1B2 - Pier F3B2 Segment - 6 nos. (S2)																			
A8420	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2)	16	13-Aug-15	01-Sep-15	393	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2)																			

03 - PRELIMINARY WORKS

03.3 - Interface Works

A7630.1	TTA for Relocation of Cul-De-Sac > Breaking of Concrete/Road Pavment > Stage 2	0	04-Mar-15 A	06-Mar-15 A		TTA for Relocation of Cul-De-Sac > Stage 2																		
A7631	Relocation of Cul-De-Sac > Excavate & install Manhole > Stage 2	0	06-Mar-15 A	18-Mar-15 A		Relocation of Cul-De-Sac > Excavate & install Manhole > Stage 2																		
A7631.1	Relocation of Cul-De-Sac > Backfilling > Stage 2	0	18-Mar-15 A	28-Mar-15 A		Relocation of Cul-De-Sac > Backfilling > Stage 2																		
A7631.2	Relocation of Cul-De-Sac > Sheetpile Removal > Stage 2	0	29-Mar-15 A	29-Mar-15 A		Relocation of Cul-De-Sac > Sheetpile Removal > Stage 2																		
A7631.3	Relocation of Cul-De-Sac > Paving Preparation > Stage 2	0	30-Mar-15 A	30-Mar-15 A		Relocation of Cul-De-Sac > Paving Preparation > Stage 2																		
A7631.4	Relocation of Cul-De-Sac > Concreting of Pavement + Testing > Stage 2	0	31-Mar-15 A	31-Mar-15 A		Relocation of Cul-De-Sac > Concreting of Pavement + Testing > Stage 2																		
A7631.5	Relocation of Cul-De-Sac > Asphalt paving > Stage 2	0	01-Apr-15 A	01-Apr-15 A		Relocation of Cul-De-Sac > Asphalt paving > Stage 2																		
A7632	TTA for Relocation of Cul-De-Sac > Stage 3	4	01-Apr-15 A	23-May-15	12	TTA for Relocation of Cul-De-Sac > Stage 3																		
A7632.12	Relocation of Cul-De-Sac > Opening of Existing Pavement > Stage 3	0	08-Apr-15 A	12-Apr-15 A		Relocation of Cul-De-Sac > Opening of Existing Pavement > Stage 3																		
A7632.13	Relocation of Cul-De-Sac > Drive sheetpile & Erect Copperdam > Stage 3	0	13-Apr-15 A	18-Apr-15 A		Relocation of Cul-De-Sac > Drive sheetpile & Erect Copperdam > Stage 3																		
A7632.14	Relocation of Cul-De-Sac > Excavation + Blinding > Stage 3	0	01-Apr-15 A	04-May-15 A		Relocation of Cul-De-Sac > Excavation + Blinding > Stage 3																		
A7632.15	Relocation of Cul-De-Sac > Lay Granular Bedding > Stage 3	0	04-May-15 A	05-May-15 A		Relocation of Cul-De-Sac > Lay Granular Bedding > Stage 3																		
A7632.16	Relocation of Cul-De-Sac > Lay 450 and 750 drain > Stage 3	0	05-May-15 A	05-May-15 A		Relocation of Cul-De-Sac > Lay 450 and 750 drain > Stage 3																		
A7632.17	Relocation of Cul-De-Sac > Cast Manhole Benching (2nos) > Stage 3	0	06-May-15 A	08-May-15 A		Relocation of Cul-De-Sac > Cast Manhole Benching (2nos) > Stage 3																		
A7632.17.1	Relocation of Cul-De-Sac > Install Water Main	0	01-May-15 A	05-May-15 A		Relocation of Cul-De-Sac > Install Water Main																		
A7632.18	Relocation of Cul-De-Sac > Erect Formwork and Cast Manhole (2nos)> Stage 3	0	06-May-15 A	13-May-15 A		Relocation of Cul-De-Sac > Erect Formwork and Cast Manhole (2nos)> Stage 3																		
A7632.19	Relocation of Cul-De-Sac > Backfilling > Stage 3	0	14-May-15 A	18-May-15 A		Relocation of Cul-De-Sac > Backfilling > Stage 3																		
A7632.21	Relocation of Cul-De-Sac > Concreting of Pavement + Testing > Stage 3	1	19-May-15 A	20-May-15	11	Relocation of Cul-De-Sac > Concreting of Pavement + Testing > Stage 3																		
A7632.22	Relocation of Cul-De-Sac > Asphalt paving > Stage 3	9	21-May-15	30-May-15	11	Relocation of Cul-De-Sac > Asphalt paving > Stage 3																		
A7634	Relocation Cul-De-Sac	0		30-May-15	11	Relocation Cul-De-Sac																		
A9200	Installation of JTI Gantry - Footing(Nosing)	0	10-Mar-15 A	14-Mar-15 A		Installation of JTI Gantry - Footing(Nosing)																		
A9201	Installation of JTI Gantry - Install Holding down Bolts	0	10-Mar-15 A	13-Mar-15 A		Installation of JTI Gantry - Install Holding down Bolts																		
A9202.1	Auto Toll and HKE Commissioning	0	20-Jan-15 A	26-Mar-15 A		Auto Toll and HKE Commissioning																		
A9203	Installation of JTI Gantry	0	16-Mar-15 A	26-Mar-15 A		Installation of JTI Gantry																		

- █ Remaining Level of Effort
- █ Actual Level of Effort
- █ Actual Work
- █ Remaining Work
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Contract HY/2009/19

3 Months Rolling Program (20 May 2015 - 19 Aug 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																		
						May			June			July			August			September						
						3	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30	
06.2 - Box Culvert U1																								
A9180	In-Situ Testing of Drainage Pipe	0	19-Jan-15 A	20-Apr-15 A		Drainage Pipe																		
06.3 - Admin Building																								
0630-3119.13.1	Grd. Beam - (GL > L2-N6) - Blinding of Cap & Grnd. Beam	2	02-Jul-15	04-Jul-15	27																			
0630-3119.13.2	Grd. Beam - (GL > L2-N6) - Install Capping Plate + weld Test	5	04-Jul-15	10-Jul-15	27																			
0630-3119.14	Grd. Beam - (GL > L2-N6) - Reb Fix + Forworks (Grd. Beam & Pile Cap) > Part1	13	10-Jul-15	25-Jul-15	27																			
0630-3119.15	Grd. Beam - (GL > L2-N6) - Reb Fix + Forworks (Grd. Beam & Pile Cap) > Part2	9	25-Jul-15	05-Aug-15	27																			
0630-3119.16	Grd. Beam - (GL > L2-N6) - Concreting (Grd. Beam & Pile Cap)	1	05-Aug-15	06-Aug-15	27																			
0630-3119.18	Grd. Beam - (GL > L2-N6) - Formworks, sheet-Pile Removal and Backfill	4	06-Aug-15	11-Aug-15	27																			
0630-3119.24	Grd. Beam - (GL > G2-K6) - Rebar Fixing (Grd. Beam & Pile Cap)	0	03-Mar-15 A	06-Apr-15 A		Rebar Fixing (Grd. Beam & Pile Cap)																		
0630-3119.25	Grd. Beam - (GL > G2-K6) - Erect Formworks (Grd. Beam & Pile Cap)	0	07-Apr-15 A	12-Apr-15 A		Erect Formworks (Grd. Beam & Pile Cap)																		
0630-3119.26	Grd. Beam - (GL > G2-K6) - Concreting (Grd. Beam & Pile Cap)	0	13-Apr-15 A	13-Apr-15 A		Concreting (Grd. Beam & Pile Cap)																		
0630-3119.27	Grd. Beam - (GL > G2-K6) - Backfill	0	14-Apr-15 A	30-Apr-15 A		Backfill (Grd. Beam & Pile Cap)																		
0630-3119.84	Grd. Beam - (GL > A1-B6) - Install Capping Plate	0	06-Mar-15 A	21-Mar-15 A		Install Capping Plate (Grd. Beam & Pile Cap)																		
0630-3119.85	Grd. Beam - (GL > A1-B6) - (Grd. Beam & Pile Cap) + Formworks Part 1	0	22-Mar-15 A	17-Apr-15 A		(Grd. Beam & Pile Cap) + Formworks Part 1																		
0630-3119.86	Grd. Beam - (GL > A1-B6) - (Grd. Beam & Pile Cap) + Formworks Part 2	0	17-Apr-15 A	28-Apr-15 A		(Grd. Beam & Pile Cap) + Formworks Part 2																		
0630-3119.87	Grd. Beam - (GL > A1-B6) - Backfill	0	18-Apr-15 A	09-May-15 A		Backfill (Grd. Beam & Pile Cap)																		
0630-3119.91.1	Grd. Beam - (GL > C1-F2) - Drive Sheet-Pile Copperdam - Stage 2 (Subject to CC	14	19-Jun-15	08-Jul-15	23																			
0630-3119.92	Grd. Beam - (GL > C1-F2) - Excavate G.L to +1.0mPD and install Waling/Strut	6	08-Jul-15	15-Jul-15	23																			
0630-3119.93	Grd. Beam - (GL > C1-F2) - Excavate Pile-Cap B.L to -0.7mPD and Cast Vert/Hor f	3	15-Jul-15	18-Jul-15	23																			
0630-3119.94	Grd. Beam - (GL > C1-F2) - Install Capping Plate	6	18-Jul-15	25-Jul-15	23																			
0630-3119.95	Grd. Beam - (GL > C1-F2) - Beam Blinding Layer	3	25-Jul-15	29-Jul-15	23																			
0630-3119.96	Grd. Beam - (GL > C1-F2) - Rebar Fixing (Grd. Beam & Pile Cap) + Formworks	8	29-Jul-15	07-Aug-15	23																			
0630-3119.97	Grd. Beam - (GL > C1-F2) - Concreting (Grd. Beam & Pile Cap)	1	07-Aug-15	08-Aug-15	23																			
0630-3119.98	Grd. Beam - (GL > C1-F2) - Formworks, Sheet-Pile Removal and Backfill	6	08-Aug-15	15-Aug-15	23																			
0630-3121.49	Grd. Beam - (GL > P3-R6) - Back Fill	0	07-Feb-15 A	06-Mar-15 A		Back Fill (Grd. Beam & Pile Cap)																		
0630-3121.57.11	Grd. Beam - (GL > B2-C6) - Excavate to formation level	9	09-Jun-15	19-Jun-15	42																			
0630-3121.57.12	Grd. Beam - (GL > B2-C6) - Install Capping Plate	7	19-Jun-15	29-Jun-15	42																			
0630-3121.57.13	Grd. Beam - (GL > B2-C6) - Cast Beam Blinding Layer	1	29-Jun-15	30-Jun-15	42																			
0630-3121.57.14	Grd. Beam - (GL > B2-C6) - Rebar Fixing for Beam	7	30-Jun-15	09-Jul-15	42																			
0630-3121.57.15	Grd. Beam - (GL > B2-C6) - Erect Formworks for Beam	7	09-Jul-15	17-Jul-15	42																			
0630-3121.57.16	Grd. Beam - (GL > B2-C6) - Cast Concrete for Beam	3	17-Jul-15	21-Jul-15	42																			
0630-3121.57.17	Grd. Beam - (GL > B2-C6) - Formworks, sheet-Pile Removal and Backfill	3	21-Jul-15	24-Jul-15	42																			
0630-3121.57.21	Grd. Beam - (GL > F-G) - Excavate to formation level	9	19-Jun-15	02-Jul-15	33																			
0630-3121.57.22	Grd. Beam - (GL > F-G) - Install Capping Plate	7	02-Jul-15	10-Jul-15	33																			
0630-3121.57.23	Grd. Beam - (GL > F-G) - Cast Beam Blinding Layer	1	10-Jul-15	11-Jul-15	33																			
0630-3121.57.24	Grd. Beam - (GL > F-G) - Rebar Fixing for Beam	7	11-Jul-15	20-Jul-15	33																			
0630-3121.57.25	Grd. Beam - (GL > F-G) - Erect Formworks for Beam	7	20-Jul-15	28-Jul-15	33																			
0630-3121.57.26	Grd. Beam - (GL > F-G) - Cast Concrete for Beam	3	28-Jul-15	31-Jul-15	33																			
0630-3121.57.27	Grd. Beam - (GL > F-G) - Formworks, sheet-Pile Removal and Backfill	3	31-Jul-15	04-Aug-15	33																			
0630-3121.57.31	Grd. Beam - (GL > K-L) - Excavate to formation level	9	02-Jul-15	13-Jul-15	24																			
0630-3121.57.32	Grd. Beam - (GL > K-L) - Install Capping Plate	7	13-Jul-15	21-Jul-15	24																			
0630-3121.57.33	Grd. Beam - (GL > K-L) - Cast Beam Blinding Layer	1	21-Jul-15	22-Jul-15	24																			
0630-3121.57.34	Grd. Beam - (GL > K-L) - Rebar Fixing for Beam	7	22-Jul-15	30-Jul-15	24																			
0630-3121.57.35	Grd. Beam - (GL > K-L) - Erect Formworks for Beam	7	30-Jul-15	07-Aug-15	24																			
0630-3121.57.36	Grd. Beam - (GL > K-L) - Cast Concrete for Beam	3	07-Aug-15	11-Aug-15	24																			
0630-3121.57.37	Grd. Beam - (GL > K-L) - Formworks, sheet-Pile Removal and Backfill	3	11-Aug-15	14-Aug-15	24																			

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Contract HY/2009/19
3 Months Rolling Program (20 May 2015 - 19 Aug 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																
						May			June			July			August							
						3	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23
A7671	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40a	0	07-Feb-15 A	04-Mar-15 A																		
A7672	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40b	0	30-Jan-15 A	06-Mar-15 A																		
A7673	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS41a	0	04-Feb-15 A	06-Mar-15 A																		
A7740.1	Retaining Wall F Pre-Bored H-Pile - H - Installing H-Pile > BS45a	0	31-Dec-14 A	24-Feb-15 A																		
A7740.2	Retaining Wall F Pre-Bored H-Pile - H - Extract H-Pile due to Collapse of soil > BS4	0	25-Feb-15 A	03-Mar-15 A	> BS45a																	
A7740.3	Retaining Wall F Pre-Bored H-Pile - H - Grout plug > BS45a	0	04-Mar-15 A	06-Mar-15 A																		
A7740.4	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS45a	0	06-Mar-15 A	26-Mar-15 A	Grout > BS45a																	
A7791	Retaining Wall F Pre Bored - H > Pile Testing	18	27-Oct-15	16-Nov-15	138																	
A7792.1	Construction of pile cap for Retaining Wall F > C4-1	8	17-Nov-15	25-Nov-15	138																	
A7792.2	Construction of pile cap for Retaining Wall F > C4-2	8	26-Nov-15	04-Dec-15	138																	
A7792.3	Construction of pile cap for Retaining Wall F > C5-1	8	05-Dec-15	14-Dec-15	138																	
A7792.4	Construction of pile cap for Retaining Wall F > C5-2	8	15-Dec-15	23-Dec-15	138																	
A7792.5	Construction of pile cap for Retaining Wall F > C5-3	8	24-Dec-15	04-Jan-16	138																	
A7792.6	Construction of pile cap for Retaining Wall F > C5-4	8	05-Jan-16	13-Jan-16	138																	
A7800	Complete Pre-Bored H-Pile > Retaining Wall	0		26-Mar-15 A																		
09 - SECTION 6 OF THE WORKS																						
09.2 - Westbound - Pier 26-27																						
0920-2110	Pier 26-2 Pre-Bored H-Piles	0	07-Feb-15 A	24-Mar-15 A																		
0920-2111	Pier 26-1 Pre-Bored H-Piles	0	09-Mar-15 A	25-Mar-15 A																		
0920-2150	Pier 27 Prepare C.J. and Modify Tie Beam	18	25-Jul-15	14-Aug-15	51																	Pier 27 Prepare C.J. an
0920-2160	Pier 27 Construct Pier/Column	18	15-Aug-15	04-Sep-15	51																	
0920-2180	Pier 26 Prepare C.J. + Drill in Re-bar + Modify Pilecap	18	14-Aug-15	03-Sep-15	35																	
10 - SECTION X OF THE WORKS																						
10.1 - E/B Bridges (Bridge D, E and F)																						
10.1.1 - Marine Pier Construction																						
Pier F01 to F02																						
1011-2900	F1B Pier/Column Construction	12	20-May-15	02-Jun-15	116																	F1B Pier/Column Construction
1011-2910	F1B Crosshead Construction	18	03-Jun-15	24-Jun-15	116																	F1B Crosshead Construction
1011-2930	Bearing installation pier F1B/F2B	12	25-Jun-15	09-Jul-15	116																	Bearing installation pier F1B/F2B
10.1.3 - E/B Bridge Construction																						
All E/B Bridges (Common)																						
1013-1720	Permanent Noise Barrier Type B1 E/B Bridge Ch 962-1059 (132m)	0	02-Dec-14 A	09-Mar-15 A																		
1013-1730	Permanent Noise Barrier Type A1 E/B Bridge Ch 826-962 (136m)	0	05-Dec-14 A	17-Mar-15 A	136m)																	
1013-1730.1	Green Panel Installation	0	12-Nov-14 A	28-Mar-15 A																		
A7621	Remaining E/B Bridges Bitumin Paving Works + Marking - Bridge D1 & D2	0	18-Mar-15 A	19-Mar-15 A	Bridge D1 & D2																	
10.1.4 - Bridge E / Hing Fat Slip Road																						
Pier Construction																						
A4822	Bridge E (Pier E3) - Pile Cap + Pier Const.	14	17-Aug-15	01-Sep-15	16																	Br
Bridge Construction																						
A9260	Bridge E (Pier 18-19) - Rebar Fix > Diaphragm + Slab + Pipe install	0	13-Feb-15 A	26-Feb-15 A																		
A9270	Bridge E (Pier 18-19) - Formworks > Slab	0	26-Feb-15 A	26-Feb-15 A																		
A9280	Bridge E (Pier 18-19) - Concreting > Diaphragm + Slab	0	27-Feb-15 A	27-Feb-15 A																		
A9310	Bridge E (Pier 18-19) - Stitching > Reb. Fix + Concretin	0	20-Feb-15 A	16-Mar-15 A																		
A9360	Bridge E (Pier 17 - 18) - Rebar Fix > Diaphragm + Slab + Pipe install	0	17-Feb-15 A	02-Mar-15 A																		
A9370	Bridge E (Pier 17 - 18) - Formworks > Slab	0	02-Mar-15 A	02-Mar-15 A																		
A9380	Bridge E (Pier 17 - 18) - Concreting > Diaphragm + Slab	0	03-Mar-15 A	03-Mar-15 A																		
A9400	Bridge E (Pier 17 - 18) - Stitching > Reb. Fix + Concretin	0	17-Feb-15 A	16-Mar-15 A																		
A9450	Bridge E (Pier 19 - D1) - Rebar Fix > Diaphragm + Slab + Pipe install	0	18-Feb-15 A	07-Mar-15 A																		
A9460	Bridge E (Pier 19 - D1) - Formworks > Slab	0	07-Mar-15 A	07-Mar-15 A																		

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Contract HY/2009/19

3 Months Rolling Program (20 May 2015 - 19 Aug 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																			
						May					June					July					August				September
						3	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30		
A12990	Saw - Cutting Meddian Barrier (Pier 29-30)	0	05-May-15 A	11-May-15 A		Saw - Cutting Meddian Barrier (Pier 29-30)																			
A12990.1	Saw - Cutting Meddian Barrier (Pier 30-31)	0	12-May-15 A	18-May-15 A		Saw - Cutting Meddian Barrier (Pier 30-31)																			
A12990.2	Saw - Cutting Meddian Barrier (Pier 31-32)	6	19-May-15 A	26-May-15	38	Saw - Cutting Meddian Barrier (Pier 31-32)																			
A13000	Saw - Cutting Meddian Barrier (Pier 32-33)	6	27-May-15	02-Jun-15	67	Saw - Cutting Meddian Barrier (Pier 32-33)																			
A13010	Saw - Cutting Meddian Barrier (Pier 33-34)	6	27-May-15	02-Jun-15	69	Saw - Cutting Meddian Barrier (Pier 33-34)																			
A13040	Saw - Cutting Parapet (Pier 28-29)	0	08-May-15 A	11-May-15 A		Saw - Cutting Parapet (Pier 28-29)																			
A13050	Saw - Cutting Parapet (Pier 29-30)	0	12-May-15 A	15-May-15 A		Saw - Cutting Parapet (Pier 29-30)																			
A13050.1	Saw - Cutting Parapet (Pier 30-31)	0	16-May-15 A	19-May-15 A		Saw - Cutting Parapet (Pier 30-31)																			
A13050.2	Saw - Cutting Parapet (Pier 31-32)	5	20-May-15	25-May-15	39	Saw - Cutting Parapet (Pier 31-32)																			
A13060	Saw - Cutting Parapet (Pier 32-33)	5	26-May-15	30-May-15	66	Saw - Cutting Parapet (Pier 32-33)																			
A13070	Saw - Cutting Parapet (Pier 33-34)	5	01-Jun-15	05-Jun-15	66	Saw - Cutting Parapet (Pier 33-34)																			
A8060	Saw Cutting/Opening of Median Barrier at Existing W/B bridge > (Pier 15-21 & 44-49)	0	16-Mar-15 A	12-Apr-15 A		Median Barrier at Existing W/B bridge > (Pier 15-21 & 44-49)																			
A8060.1	Complete Demolition of Median Barrier at Existing W/B bridge > (Pier 15-21 & 44-49)	0	30-Mar-15 A	15-Apr-15 A		Median Barrier at Existing W/B bridge > (Pier 15-21 & 44-49)																			
A8061	Opening of Median Barrier > (Pier 15-21 & 44-49) - Paving + Rd. marking	0	11-Apr-15 A	18-Apr-15 A		Barrier > (Pier 15-21 & 44-49) - Paving + Rd. marking																			
A8061.1	Install Precast Barrier > (Pier 15-21 & 44-49)	0	13-Apr-15 A	18-Apr-15 A		r > (Pier 15-21 & 44-49)																			
A8061.2	Saw - Cutting of Slab at W/B Bridge (Pier 26-44) - Along Meddian Beams - Part 1	0	15-Nov-14 A	13-Apr-15 A		W/B Bridge (Pier 26-44) - Along Meddian Beams - Part 1																			
10.3 - Middle Bridge (Bridge F)																									
10.3.1 - Pier Construction																									
Abutment D12																									
1031-1058	Abut D12 (Approach Ramp Area) - Reb Fix + Concrete Pour 3	0	27-Dec-14 A	22-Apr-15 A		Approach Ramp Area) - Reb Fix + Concrete Pour 3																			
A14460	Complete ABUT D12 at Middle Bridge	45	20-May-15	13-Jul-15	63	Complete ABUT D12 at Middle Bridge																			
10.4 - Bridge Deck Demolition																									
10.4.1 - Existing W/B Bridge (Part 1)																									
A11840	Demolish W/B Bridge Deck Pier 28-29 (7 beams) > by Crane	0	12-May-15 A	19-May-15 A		Demolish W/B Bridge Deck Pier 28-29 (7 beams) > by Crane																			
A11850	Demolish W/B Bridge Deck Pier 29-30 (7 beams) > by Crane	5	21-May-15	27-May-15	23	Demolish W/B Bridge Deck Pier 29-30 (7 beams) > by Crane																			
A11860	Demolish W/B Bridge Pier 29	4	27-May-15	01-Jun-15	23	Demolish W/B Bridge Pier 29																			
A11860.0	Demolish W/B Bridge Deck Pier 30-31 (7 beams) > by Crane	5	01-Jun-15	06-Jun-15	23	Demolish W/B Bridge Deck Pier 30-31 (7 beams) > by Crane																			
A11860.01	Demolish W/B Bridge Pier 30	4	06-Jun-15	11-Jun-15	23	Demolish W/B Bridge Pier 30																			
A11860.02	Demolish W/B Bridge Deck Pier 31-32 (7 beams) > by Crane	5	11-Jun-15	17-Jun-15	24	Demolish W/B Bridge Deck Pier 31-32 (7 beams) > by Crane																			
A11860.03	Demolish W/B Bridge Pier 31	4	17-Jun-15	23-Jun-15	24	Demolish W/B Bridge Pier 31																			
A11860.04	Demolish W/B Bridge Deck Pier 32-33 (7 beams) > by Crane	5	23-Jun-15	29-Jun-15	50	Demolish W/B Bridge Deck Pier 32-33 (7 beams) > by Crane																			
A11860.05	Demolish W/B Bridge Pier 32	4	29-Jun-15	04-Jul-15	50	Demolish W/B Bridge Pier 32																			
A11860.2	Demolish W/B Bridge Deck Pier 33-34 (7 beams) > by Crane	5	25-Jun-15	02-Jul-15	50	Demolish W/B Bridge Deck Pier 33-34 (7 beams) > by Crane																			
A11860.3	Demolish W/B Bridge Pier 33	4	02-Jul-15	07-Jul-15	50	Demolish W/B Bridge Pier 33																			
A11860.4	Excavate + Demolish W/B Bridge Pier 29 > Pile Cap	7	01-Jun-15	09-Jun-15	42	Excavate + Demolish W/B Bridge Pier 29 > Pile Cap																			
A11960	Construct W/B Bridge Pier 29 > Pile Cap	7	09-Jun-15	17-Jun-15	42	Construct W/B Bridge Pier 29 > Pile Cap																			
A11970	Construct W/B Bridge Pier 29 > Column	10	17-Jun-15	30-Jun-15	42	Construct W/B Bridge Pier 29 > Column																			
A11980	Construct W/B Bridge Pier 29 > Rebar Fixing - Crosshead	14	30-Jun-15	17-Jul-15	42	Construct W/B Bridge Pier 29 > Rebar Fixing - Crosshead																			
A11980.1	Construct W/B Bridge Pier 29 > Formworks + Concreting - Crosshead	6	17-Jul-15	24-Jul-15	42	Construct W/B Bridge Pier 29 > Formworks + Con																			
A11990	Construct W/B Bridge Pier 29 > Bearing	5	24-Jul-15	30-Jul-15	42	Construct W/B Bridge Pier 29 > Bearing																			
A12000	Excavate + Demolish W/B Bridge Pier 30 > Pile Cap	7	11-Jun-15	19-Jun-15	23	Excavate + Demolish W/B Bridge Pier 30 > Pile Cap																			
A12010	Construct W/B Bridge Pier 30 > Pile Cap	7	19-Jun-15	29-Jun-15	37	Construct W/B Bridge Pier 30 > Pile Cap																			
A12020	Construct W/B Bridge Pier 30 > Column	10	29-Jun-15	11-Jul-15	37	Construct W/B Bridge Pier 30 > Column																			
A12030	Construct W/B Bridge Pier 30 > Rebar Fixing - Crosshead	14	11-Jul-15	28-Jul-15	37	Construct W/B Bridge Pier 30 > Rebar Fixing																			
A12040	Construct W/B Bridge Pier 30 > Formworks + Concreting - Crosshead	6	28-Jul-15	04-Aug-15	37	Construct W/B Bridge Pier 30 > Form																			
A12050	Construct W/B Bridge Pier 30 > Bearing	5	04-Aug-15	10-Aug-15	37	Construct W/B Bridge Pier 30																			
A12070	Excavate + Demolish W/B Bridge Pier 31 > Pile Cap	7	23-Jun-15	02-Jul-15	24	Excavate + Demolish W/B Bridge Pier 31 > Pile Cap																			
A12080	Construct W/B Bridge Pier 31 > Pile Cap	7	02-Jul-15	10-Jul-15	54	Construct W/B Bridge Pier 31 > Pile Cap																			
A12090	Construct W/B Bridge Pier 31 > Column	10	10-Jul-15	22-Jul-15	54	Construct W/B Bridge Pier 31 > Column																			

- █ Remaining Level of Effort
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3 Months Rolling Program (20 May 2015 - 19 Aug 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																							
						May					June					July					August					September			
						3	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30	06					
A12100	Construct W/B Bridge Pier 31 > Rebar Fixing - Crosshead	14	22-Jul-15	07-Aug-15	54																						Construct W/B Bridge Pier 31 > F		
A12110	Construct W/B Bridge Pier 31 > Formworks + Concreting - Crosshead	6	07-Aug-15	14-Aug-15	54																						Construct W/B Bridge Pi		
A12120	Construct W/B Bridge Pier 31 > Bearing	5	14-Aug-15	20-Aug-15	54																						Construct W/B B		
A12130	Excavate + Demolish W/B Bridge Pier 32 > Pile Cap	7	04-Jul-15	13-Jul-15	50																						Excavate + Demolish W/B Bridge Pier 32 > Pile Cap		
A12140	Construct W/B Bridge Pier 32 > Pile Cap	7	13-Jul-15	21-Jul-15	50																						Construct W/B Bridge Pier 32 > Pile Cap		
A12150	Construct W/B Bridge Pier 32 > Column	10	21-Jul-15	01-Aug-15	50																						Construct W/B Bridge Pier 32 > Column		
A12160	Construct W/B Bridge Pier 32 > Rebar Fixing - Crosshead	14	01-Aug-15	18-Aug-15	50																						Construct W/B Brid		
A12170	Construct W/B Bridge Pier 32 > Formworks + Concreting - Crosshead	6	18-Aug-15	25-Aug-15	50																						Construct V		
A12180	Construct W/B Bridge Pier 32 > Bearing	5	25-Aug-15	31-Aug-15	50																						Cor		
A12190	Excavate + Demolish W/B Bridge Pier 33 > Pile Cap	7	07-Jul-15	15-Jul-15	50																						Excavate + Demolish W/B Bridge Pier 33 > Pile Cap		
A12200	Construct W/B Bridge Pier 33 > Pile Cap	7	15-Jul-15	23-Jul-15	50																						Construct W/B Bridge Pier 33 > Pile Cap		
A12210	Construct W/B Bridge Pier 33 > Column	10	23-Jul-15	04-Aug-15	50																						Construct W/B Bridge Pier 33 > Colu		
A12220	Construct W/B Bridge Pier 33 > Rebar Fixing - Crosshead	14	04-Aug-15	20-Aug-15	50																						Construct W/B B		
A12230	Construct W/B Bridge Pier 33 > Formworks + Concreting - Crosshead	6	20-Aug-15	27-Aug-15	50																						Construct		
A12240	Construct W/B Bridge Pier 33 > Bearing	3	27-Aug-15	31-Aug-15	50																						Cor		
A12240.1	Re-Assemble Crane B at Pier 26-27	8	04-Jun-15	12-Jun-15	0																						Re-Assemble Crane B at Pier 26-27		
A12250	Saw Cutting W/B Bridge Deck Pier 27-28	8	04-Jun-15	12-Jun-15	0																						Saw Cutting W/B Bridge Deck Pier 27-28		
A12260	Demolish W/B Bridge Deck Pier 27-28 (7 beams) > by Crane B	9	13-Jun-15	24-Jun-15	0																						Demolish W/B Bridge Deck Pier 27-28 (7 beams) > by Crane B		
A12270	Demolish W/B Bridge Pier 28 > Column > by Crane C	8	25-Jun-15	04-Jul-15	0																						Demolish W/B Bridge Pier 28 > Column > by Crane C		
A12280	Saw Cutting W/B Bridge Deck Pier 26-27	8	25-Jun-15	04-Jul-15	0																						Saw Cutting W/B Bridge Deck Pier 26-27		
A12290	Demolish W/B Bridge Deck Pier 26-27 (7 beams) > by Crane B	9	06-Jul-15	15-Jul-15	0																						Demolish W/B Bridge Deck Pier 26-27 (7 beams) > by Crane		
A12300	Demolish W/B Bridge Pier 27 > Column > by Crane C	8	16-Jul-15	24-Jul-15	51																						Demolish W/B Bridge Pier 27 > Column > by Cran		
A12310	Saw Cutting W/B Bridge Deck Pier 25-26	8	16-Jul-15	24-Jul-15	0																						Saw Cutting W/B Bridge Deck Pier 25-26		
A12320	Demolish W/B Bridge Deck Pier 25-26 (7 beams) > by Crane B	9	25-Jul-15	04-Aug-15	0																						Demolish W/B Bridge Deck Pier 25-2		
A12330	Demolish W/B Bridge Pier 26 > Column > by Crane C	8	05-Aug-15	13-Aug-15	35																						Demolish W/B Bridge Pier		
A12340	Saw Cutting W/B Bridge Deck Pier 24-25	8	05-Aug-15	13-Aug-15	0																						Saw Cutting W/B Bridge I		
A12350	Demolish W/B Bridge Deck Pier 24-25 (7 beams) > by Crane B	9	14-Aug-15	24-Aug-15	0																						Demolish W		
A12360	Demolish W/B Bridge Pier 25 > Column > by Crane C	8	25-Aug-15	02-Sep-15	48																						D		
A12370	Saw Cutting W/B Bridge Deck Pier 23-24	8	25-Aug-15	02-Sep-15	0																						S		
A12380	Demolish W/B Bridge Deck Pier 23-24 (7 beams) > by Crane B	9	03-Sep-15	12-Sep-15	0																								
A12390	Demolish W/B Bridge Pier 24 > Column > by Crane C	8	14-Sep-15	22-Sep-15	31																								
A12400	Saw Cutting W/B Bridge Deck Pier 22-23	8	14-Sep-15	22-Sep-15	0																								
A12410	Demolish W/B Bridge Deck Pier 22-23 (7 beams) > by Crane B	9	23-Sep-15	05-Oct-15	0																								
A12820	Erection and Testing 2nos T&C Failed > Pier 29-33	0	27-Apr-15 A	06-May-15 A																							Erection and Testing 2nos T&C Failed > Pier 29-33		
A12820.1	Erection and Testing 2nos T&C > replacement of Failed 2nos T&C> Pier 29-33	0	14-May-15 A	16-May-15 A																							Erection and Testing 2nos T&C > replacement of Failed 2nos T&C> Pier 29-33		
A12830	Remove 6th Beam (1nos) By 2 Cranes> Pier 43-44	0	14-May-15 A	14-May-15 A																							Remove 6th Beam (1nos) By 2 Cranes> Pier 43-44		
A12850	Remove 6th Beam (2nos) By 2 Cranes > Pier 41-43	0	15-May-15 A	15-May-15 A																							Remove 6th Beam (2nos) By 2 Cranes > Pier 41-43		
A12860	Remove 6th Beam (2nos) By 2 Cranes > Pier 39-41	1	20-May-15	20-May-15	0																						Remove 6th Beam (2nos) By 2 Cranes > Pier 39-41		
A12870	Remove 6th Beam (2nos) By 2 Cranes > Pier 37-39	1	21-May-15	21-May-15	0																						Remove 6th Beam (2nos) By 2 Cranes > Pier 37-39		
A12880	Remove 5th & 6th Beam (5nos) By 2 Cranes > Pier 34-37	2	22-May-15	23-May-15	0																						Remove 5th & 6th Beam (5nos) By 2 Cranes > Pier 34-37		
A12940	Move Crane - A to Pier 43-44 to Erect LG-1	1	25-May-15	25-May-15	2																						Move Crane - A to Pier 43-44 to Erect LG-1		
A12950	Dismantle & Move Crane - B to Pier 26-27 to Start Demolition of Deck	9	25-May-15	03-Jun-15	0																						Dismantle & Move Crane - B to Pier 26-27 to Start Demolition of Deck		
A13160	Preparation and Transport LG1 to 41-44	7	13-May-15 A	27-May-15	0																						Preparation and Transport LG1 to 41-44		
A13160.1	Erect/Assemble LG1 + T&C > Erect Leg Support At Pier 41-44	4	28-May-15	01-Jun-15	0																						Erect/Assemble LG1 + T&C > Erect Leg Support At Pier 41-44		
A13160.2	Erect/Assemble LG1 + T&C-A > Install Main Beam/Girder Support - Middle Span at Bay	8	02-Jun-15	10-Jun-15	0																						Erect/Assemble LG1 + T&C-A > Install Main Beam/Girder Support - Middle Span at Bay 42 - 43		
A13160.3	Erect/Assemble LG1 + T&C-A > Install Main Beam/Girder Support - End Span at Bay	8	11-Jun-15	19-Jun-15	0																						Erect/Assemble LG1 + T&C-A > Install Main Beam/Girder Support - End Span at Bay 43 - 44		
A13160.4	Erect/Assemble LG1 + T&C-A > Install Main Beam/Girder Support - End Span at bay	8	11-Jun-15	19-Jun-15	0																						Erect/Assemble LG1 + T&C-A > Install Main Beam/Girder Support - End Span at bay 41 - 42		
A13160.5	Erect/Assemble LG1 + T&C-A > Install Mounting Support & Cables	4	22-Jun-15	25-Jun-15	0																						Erect/Assemble LG1 + T&C-A > Install Mounting Support & Cables		
A13160.6	Erect/Assemble LG1 + T&C-A > Install Miscellaneous Parts & support	4	26-Jun-15	30-Jun-15	0																						Erect/Assemble LG1 + T&C-A > Install Miscellaneous Parts & support		

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3 Months Rolling Program (20 May 2015 - 19 Aug 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																		
						May			June			July			August			September						
						3	10	17	24	31	07	14	21	28	05	12	19		26	02	09	16	23	30
A10860	TA2-(Pier TA22-23) > Install TA23 Tower	2	19-May-15 A	21-May-15	0																			
A10870	TA2-(Pier TA22-23) > Intall Scaffolding at TA23	3	22-May-15	25-May-15	0																			
A10880	TA2-(Pier TA22-23) > TA23 Grouting	3	26-May-15	28-May-15	0																			
A10890	TA2-(Pier TA22-23) > Intall Bearing	4	29-May-15	02-Jun-15	0																			
A10900	TA2-(Pier TA22-23) > Main Beam Fabrication (TA22-23)	6	22-May-15	28-May-15	5																			
A10910	TA2-(Pier TA22-23) > Main Beam Erection	1	03-Jun-15	03-Jun-15	0																			
A10920	TA2-(Pier TA22-23) > Install Bondeck	6	04-Jun-15	10-Jun-15	0																			
A10930	TA2-(Pier TA22-23) > Deck Rebar Fixing	6	11-Jun-15	17-Jun-15	0																			
A10940	TA2-(Pier TA22-23) > Holding Down Bolts for L3 Railings	2	17-Jun-15	18-Jun-15	0																			
A10950	TA2-(Pier TA22-23) > Deck Concreting	1	19-Jun-15	19-Jun-15	0																			
A10950.1	MJ-28	3	22-Jun-15	24-Jun-15	0																			
A10960	TA2-(Pier TA22-23) > L3 Railings	3	22-Jun-15	24-Jun-15	2																			
A10960.1	Aspaht TA21-TA28	1	25-Jun-15	25-Jun-15	0																			
A10960.2	Road Marking + Istall Lightings	1	26-Jun-15	26-Jun-15	0																			
A11210	TA2-(Pier TA23-24) > Install TA24 Tower	0	09-May-15 A	13-May-15 A																				
A11220	TA2-(Pier TA23-24) > Intall Scaffolding at TA24	0	12-May-15 A	13-May-15 A																				
A11230	TA2-(Pier TA23-24) > TA24 Grouting	3	22-May-15	26-May-15	3																			
A11240	TA2-(Pier TA23-24) > Intall Bearing	4	26-May-15	30-May-15	3																			
A11250	TA2-(Pier TA23-24) > Main Beam Fabrication (TA23-24)	6	22-May-15	29-May-15	5																			
A11260	TA2-(Pier TA23-24) > Main Beam Erection	1	03-Jun-15	03-Jun-15	0																			
A11270	TA2-(Pier TA23-24) > Install Bondeck	6	04-Jun-15	10-Jun-15	0																			
A11280	TA2-(Pier TA23-24) > Deck Rebar Fixing	6	11-Jun-15	17-Jun-15	0																			
A11290	TA2-(Pier TA23-24) > Holding Down Bolts for L3 Railings	2	17-Jun-15	18-Jun-15	0																			
A11300	TA2-(Pier TA23-24) > Deck Concreting	1	19-Jun-15	19-Jun-15	0																			
A11300.1	MJ-28	3	22-Jun-15	24-Jun-15	0																			
A11310	TA2-(Pier TA23-24) > L3 Railings	3	22-Jun-15	24-Jun-15	2																			
A11310.1	Aspaht TA21-TA28	1	25-Jun-15	25-Jun-15	0																			
A11310.2	Road Marking + Istall Lightings	1	26-Jun-15	26-Jun-15	0																			
A11320	TA2-(Pier TA24-25) > Install TA25 Tower	0	07-Apr-15 A	09-Apr-15 A																				
A11330	TA2-(Pier TA24-25) > Intall Scaffolding at TA25	0	23-Apr-15 A	25-Apr-15 A																				
A11340	TA2-(Pier TA24-25) > TA25 Grouting	0	23-Apr-15 A	25-Apr-15 A																				
A11350	TA2-(Pier TA24-25) > Intall Bearing	0	23-Apr-15 A	26-Apr-15 A																				
A11360	TA2-(Pier TA24-25) > Main Beam Fabrication (TA24-25)	6	23-Apr-15 A	26-May-15	7																			
A11370	TA2-(Pier TA24-25) > Main Beam Erection	1	30-May-15	01-Jun-15	3																			
A11380	TA2-(Pier TA24-25) > Install Bondeck	6	01-Jun-15	08-Jun-15	3																			
A11390	TA2-(Pier TA24-25) > Deck Rebar Fixing	6	08-Jun-15	15-Jun-15	3																			
A11400	TA2-(Pier TA24-25) > Holding Down Bolts for L3 Railings	2	13-Jun-15	16-Jun-15	3																			
A11410	TA2-(Pier TA24-25) > Deck Concreting	1	16-Jun-15	17-Jun-15	3																			
A11410.1	MJ-28	3	17-Jun-15	22-Jun-15	3																			
A11420	TA2-(Pier TA24-25) > L3 Railings	3	17-Jun-15	22-Jun-15	5																			
A11420.0	Aspaht TA21-TA28	1	22-Jun-15	23-Jun-15	3																			
A11420.01	Road Marking + Istall Lightings	1	23-Jun-15	24-Jun-15	3																			
A11430	TA2-(Pier TA25-26) > Install TA26 Tower	0	03-Apr-15 A	05-Apr-15 A																				
A11440	TA2-(Pier TA25-26) > Intall Scaffolding at TA26	0	20-Apr-15 A	22-Apr-15 A																				
A11450	TA2-(Pier TA25-26) > TA26 Grouting	0	20-Apr-15 A	22-Apr-15 A																				
A11460	TA2-(Pier TA25-26) > Intall Bearing	0	23-Apr-15 A	26-Apr-15 A																				
A11470	TA2-(Pier TA25-26) > Main Beam Fabrication (TA25-26)	0	23-Apr-15 A	02-May-15 A																				
A11480	TA2-(Pier TA25-26) > Main Beam Erection	0	01-May-15 A	03-May-15 A																				
A11490	TA2-(Pier TA25-26) > Install Bondeck	6	30-Apr-15 A	29-May-15	11																			

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Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																		
						May			June			July			August			Number						
						3	10	17	24	31	07	14	21	28	05	12	19		26	02	09	16	23	30
1061-1065.6.1	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D12 Southern	14	20-May-15	04-Jun-15	251																Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D12 Southern Side			
1061-1065.6.2	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D10 Southern	14	05-Jun-15	22-Jun-15	251																Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D11-D10 Southern Side			
1061-1065.6.3	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Southern	14	23-Jun-15	09-Jul-15	251																Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Southern Side			
1061-1065.6.4	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D09-D08 Southern	14	10-Jul-15	25-Jul-15	251																Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D09-D08 Southern Side			
1061-1065.6.5	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D08-D07 Southern	14	27-Jul-15	11-Aug-15	251																Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D08-D07 Southern Side			
1061-1065.6.6	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D07-D06 Southern	14	12-Aug-15	27-Aug-15	251																Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D07-D06 Southern Side			
1061-1068	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D06-D08	14	27-May-15	11-Jun-15	287																Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D06-D08			
1061-1068.1	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D08-D10	14	12-Jun-15	29-Jun-15	287																Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D08-D10			
1061-1068.2	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D10-D12	14	30-Jun-15	16-Jul-15	287																Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D10-D12			
Structure																								
1061-1200	Construct Retaining Wall E Pile Cap (7 nos)	28	03-Jun-15	07-Jul-15	32																Construct Retaining Wall E Pile Cap (7 nos)			
1061-1210	Construct Retaining Wall E Bay 1	18	08-Jul-15	28-Jul-15	32																Construct Retaining Wall E Bay 1			
1061-1230	Construct Retaining Wall E Bay 3	18	08-Jul-15	28-Jul-15	50																Construct Retaining Wall E Bay 3			
Landscape Deck																								
A8260	Construct LD Middle Pile Cap (7nos)	24	08-Jul-15	04-Aug-15	44																Construct LD Middle Pile Cap (7nos)			
10.6.2 - Approach Ramp (Within Portion IIB)																								
Bored Piles																								
1061-1045	LHR - Pre Bored H-Pile > Pile Ramp - BN01 A	14	26-Aug-16	12-Sep-16	221																			
1061-1046	LHR - Pre Bored H-Pile > Pile Ramp - BN01 B	14	12-Sep-16	29-Sep-16	221																			
1061-1047	LHR - Pre Bored H-Pile > Pile Ramp - BN05 A	14	29-Sep-16	18-Oct-16	221																			
10.7 - Section X - Miscellaneous Works																								
10.7.1 - TTM Stages																								
1071-1025	TTM Stage 2 - TMLG / TD / Police Consultation and Endorsement	0	29-Sep-14 A	27-Mar-15 A																	and Endorsement			
1071-1030	TTM Stage 2 - TTM Enabling Works	0	27-Mar-15 A	29-Mar-15 A																				
1071-1040	TTM Stage 2 - Divert 3 Lanes to E/B Bridge through 'Bridge From Pier17 to Pier D1'	0		29-Mar-15 A																	through 'Bridge From Pier17 to Pier D1'			
1071-1041	TTM Stage 3 - TMLG / TD / Police Consultation and Endorsement	0	30-Mar-15 A	18-Apr-15 A																	G / TD / Police Consultation and Endorsement			
1071-1042	TTM Stage 3 - TTM Enabling Works	0	19-Apr-15 A	19-Apr-15 A																	TTM Enabling Works			
1071-1043	TTM Stage 3 - Use Existing E/B Lane to Divert 4 W/B Lane	0		19-Apr-15 A																	Existing E/B Lane to Divert 4 W/B Lane			
1071-1045	TTM Stage 4 - TMLG / TD / Police Consultation and Endorsement	32	20-May-15	26-Jun-15	0																TTM Stage 4 - TMLG / TD / Police Consultation and Endorsement			
1071-1046	TTM Stage 4 - TTM Enabling Works	2	27-Jun-15	28-Jun-15	0																TTM Stage 4 - TTM Enabling Works			
1071-1047	TTM Stage 4 - Hing Fat Slip Road Divert 1 Lane to New E/B Bridge through 'TA2' to	0		28-Jun-15	0																TTM Stage 4 - Hing Fat Slip Road Divert 1 Lane to New E/B Bridge through 'TA2'			
10.7.2 - Oil Street/Watson Road (Portion III)																								
A12510	Box Culvert Demolition > Portion VIIB > Watson Road	0	01-Apr-15 A	07-Apr-15 A																	Box Culvert Demolition > Portion VIIB > Watson Road			
A12520	Box Culvert Demolition - Concrete Pavement Removal > Portion VIIB > Watson Road	0	08-Apr-15 A	14-Apr-15 A																	Concrete Pavement Removal > Portion VIIB > Watson Road			
A12530	Box Culvert Demolition - Trial Trench to Expose Grd. Utilities > Portion VIIB > Watson Road	0	15-Apr-15 A	19-Apr-15 A																	Box Culvert Demolition - Trial Trench to Expose Grd. Utilities > Portion VIIB > Watson Road			
A12540	Box Culvert Demolition - Dem. Upper portion of Culvert (2M From R.L.) > Portion VIIB > Watson Road	0	20-Apr-15 A	30-Apr-15 A																	Box Culvert Demolition - Dem. Upper portion of Culvert (2M From R.L.) > Portion VIIB > Watson Road			
A12550	Box Culvert Demolition - Remove Mud Deposit from Culvert > Portion VIIB > Watson Road	0	01-May-15 A	07-May-15 A																	Box Culvert Demolition - Remove Mud Deposit from Culvert > Portion VIIB > Watson Road			
A12560	Box Culvert Demolition - Backfilling > Portion VIIB > Watson Road	0	08-May-15 A	22-May-15	525																Box Culvert Demolition - Backfilling > Portion VIIB > Watson Road			
A12570	Drainage works - Manhole 1-49B, DN450 & Associate Gully Pipes > Portion VIIB > Watson Road	0	05-May-15 A	15-May-15 A																	Drainage works - Manhole 1-49B, DN450 & Associate Gully Pipes > Portion VIIB > Watson Road			
A12590	Drainage works - Manhole 1-49, DN300 & Associate Gully Pipes > Portion VIIB > Watson Road	5	15-May-15 A	28-May-15	525																Drainage works - Manhole 1-49, DN300 & Associate Gully Pipes > Portion VIIB > Watson Road			
A12600	Drainage works - Manhole 1-49C, DN225 & Associate Gully Pipes > Portion VIIB > Watson Road	10	28-May-15	09-Jun-15	525																Drainage works - Manhole 1-49C, DN225 & Associate Gully Pipes > Portion VIIB > Watson Road			
A12610	Drainage works - Road Reinstatement > Portion VIIB > Watson Road	5	09-Jun-15	15-Jun-15	525																Drainage works - Road Reinstatement > Portion VIIB > Watson Road			

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

Contract HY/2009/19

3 Months Rolling Program (20 May 2015 - 19 Aug 2015)

Data Date: 20-Jun-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Jun	Jul	Aug	Sep
Update 2015-06-20 CWB(CC) - Commissioning Contract (DWP R2a) - ADB Reivsed									
PRELIMINARIES AND GENERAL REQUIREMENTS									
Salient Key Dates and Milestones									
Possession Dates and Vacation Dates									
PO-Xa	Possession of Portion Xa (Day 560) -ADB Southern Portion	769d	11-Sep-15	18-Oct-17	8d				=====
Submissions and Approvals									
Initial General Submission									
1210	Submission of 1st Construction video film	0d		20-Jun-15*	-139d	◆			
9932	Submission of 1st Project video film Video1 / Video2 (Release II)	0d		20-Jun-15*	-139d	◆			
Specified Plans									
1172	Submission of a Traffic management Contingency Plan	90d	20-Jun-15	17-Sep-15	685d		=====		
DETAILED DESIGN OF WORKS									
Permanent Works Design and Engineering									
Metal Roof on MVB									
2182	MVB Roof - Prepare Preliminary Design and Submission	48d	01-Sep-15	29-Oct-15	25d				=====
Metal Roof on WVB									
2180	WVB Roof - Engineer review & Approval; Consent to Proceed Construction	24d	07-Feb-15 A	06-Jul-15	2d	=====	=====		
12952	Pending for confirmation from AECOM on WVB Roof design changes and inconsistency setting out	88d	07-Feb-15 A	06-Jul-15	2d	=====	=====		
Green Roof on EVB									
2154	EVB Roof - Prepare Preliminary Design and Submission	24d	07-Jul-15	03-Aug-15	4d		=====		
2156	EVB Roof - Finalise preliminary design and ICE Review	24d	04-Aug-15	31-Aug-15	4d			=====	
2158	EVB Roof - Submit to the Engineer with ICE Certificate	0d		31-Aug-15	17d				◆
2160	EVB Roof - Engineer review & approval	48d	01-Sep-15	29-Oct-15	17d	=====			=====
Green Wall on ADB									
10228	ADB Green Wall - Prepare Preliminary Design and Submission	48d	01-Sep-15	29-Oct-15	4d			=====	=====

- ◆ Current Milestone
- Critical Remaining Work
- ▬ Level of Effort
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- ▲ Baseline Milestone
- ▬ Project Baseline
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CWB(CC) - Commissioning Contract

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Jun	Jul	Aug	Sep
VE Brackets / Panels									
12494	VE Brackets / Panels - Engineer review & Approval; Consent to Proceed Construction	24d	30-Mar-15 A	28-May-15 A					
12560	VE Brackets / Panels - Mock up installation on site (Not needed)	0d	28-May-15 A	28-May-15 A					
12562	VE Brackets / Panels - Mock up installation approval / commence installation	0d		28-May-15 A					
Architectural Feature for EVS									
2146	EVS - Engineer review & approval	48d	02-Mar-15 A	13-Jul-15	195d				
2150	EVS - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	30-Mar-15 A	20-Jul-15	189d				
12446	EVS - Submit detailed design to the Engineer with ICE Certificate	0d		20-Jul-15	189d				
2152	EVS - Engineer review & Approval; Consent to Proceed Construction	24d	21-Jul-15	17-Aug-15	189d				
Central Control and Monitoring System (CCMS) and ELV System									
2092	CCMS - Engineer Approval; Consent to Proceed Construction	24d	10-Jan-15 A	30-Jun-15	65d				
Traffic Control and Surveillance System (TCSS)									
2102	TCSS - Prepare the Detailed Design submission	60d	23-Aug-14 A	27-Jun-15	21d				
2104	TCSS - Finalise detailed design submission and ICE Checks & issue Check Certificate	30d	26-Sep-14 A	03-Jul-15	17d				
12456	TCSS - Submit detailed design to the Engineer with ICE Certificate	0d		03-Jul-15	17d				
2106	TCSS - Engineer Approval; Consent to Proceed Construction	24d	04-Jul-15	31-Jul-15	17d				
Electrical System									
ES System									
Subletting									
10514	ES - Confirm S/C Terms and Issue LOI subject to AECOM Approval	12d	22-Jun-15	06-Jul-15	29d				
Calculation & Material Submission									
12830	ES - Electrical Protection Study submission to AECOM	7d	07-Oct-14 A	21-May-15 A					
10576	ES - HV switchboard & transformer fabrication drawings submission to AECOM	14d	16-Mar-15 A	16-Jun-15 A					
10588	ES (WVB) System - LV switchboard & MCC fabrication drawings submission to AECOM	14d	16-Mar-15 A	29-Jun-15	62d				
10594	ES - Emergency Generator submission (AECOM review / approval)	90d	16-Mar-15 A	02-Jul-15	8d				

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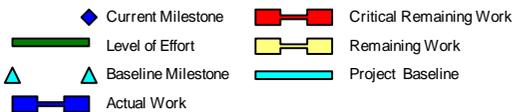
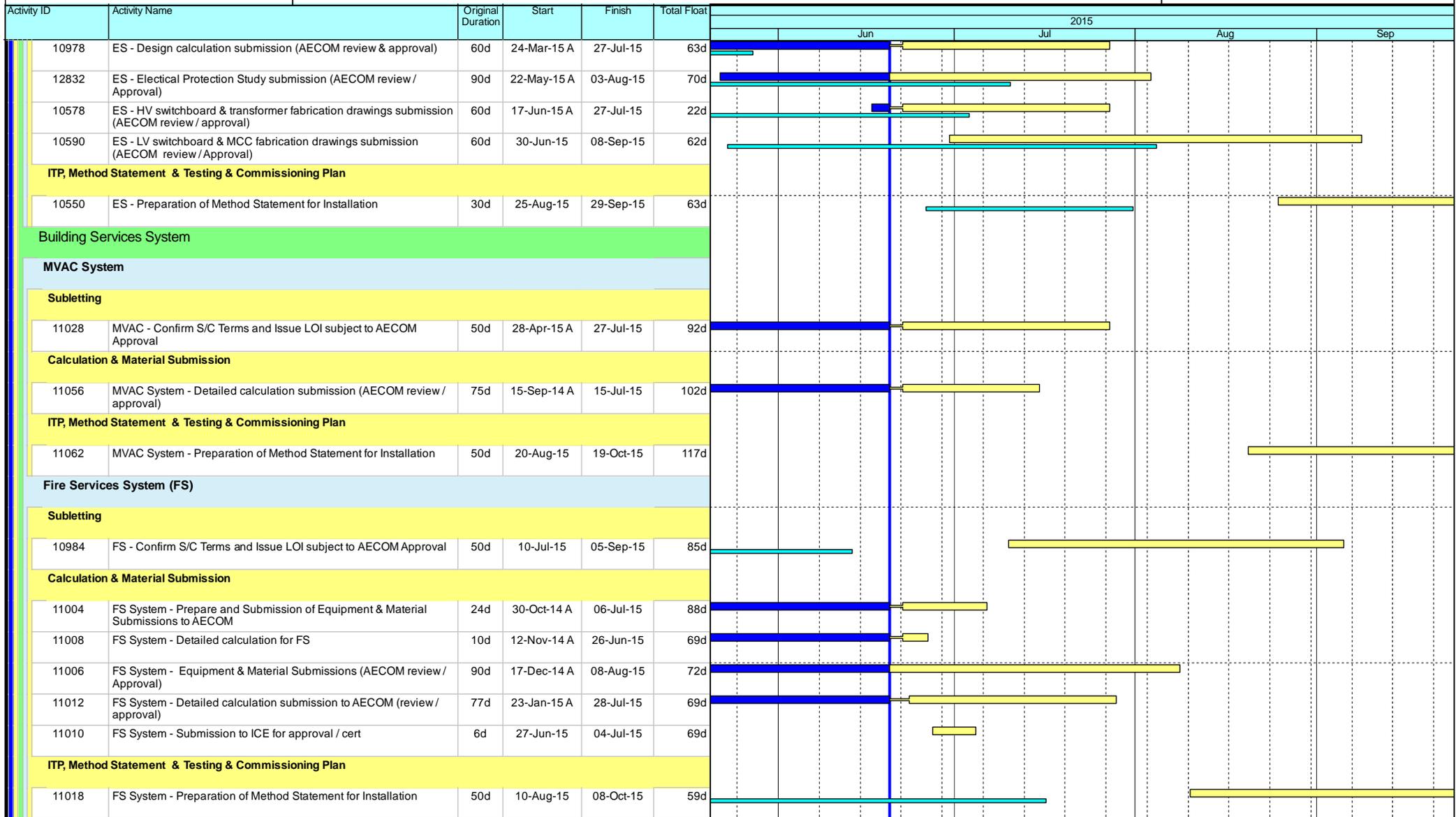
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CWB(CC) - Commissioning Contract

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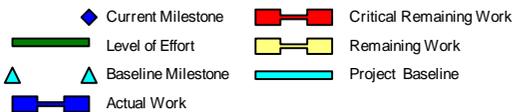
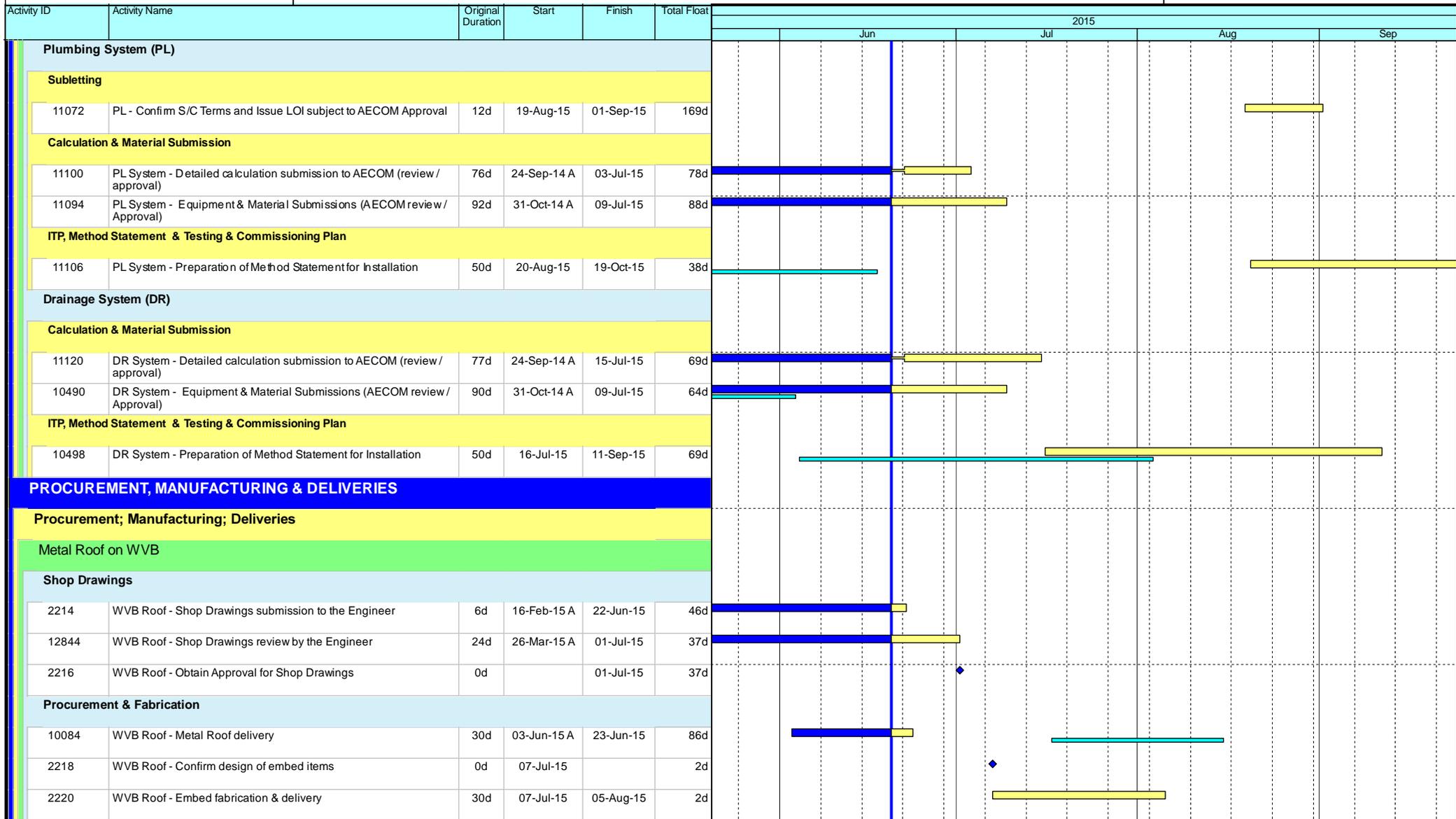
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CWB(CC) - Commissioning Contract

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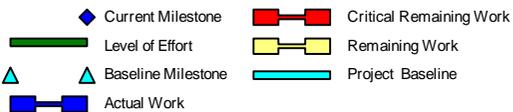
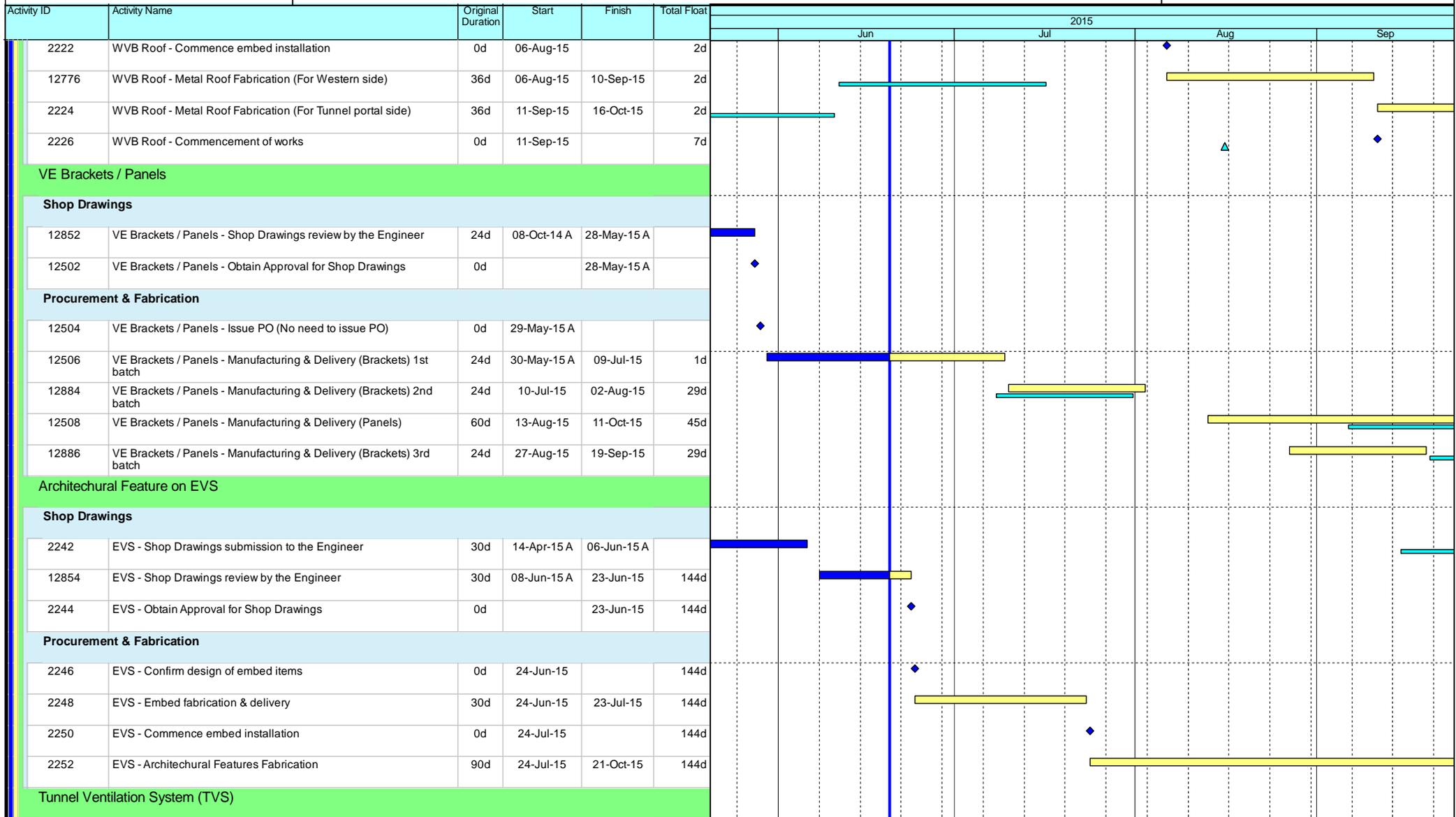
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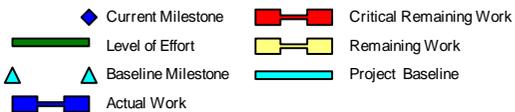
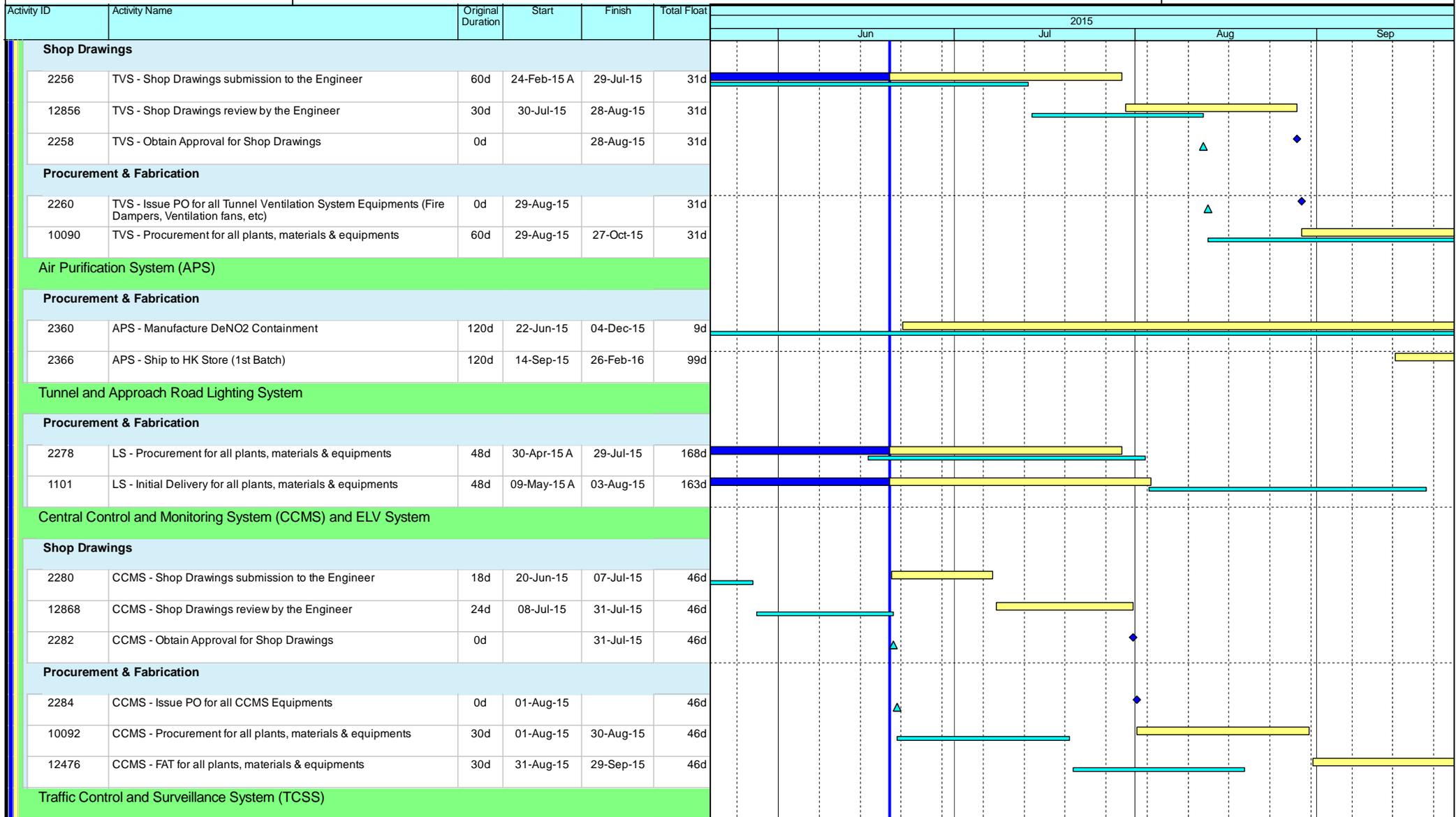
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CWB(CC) - Commissioning Contract

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CWB(CC) - Commissioning Contract

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				
						Jun	Jul	Aug	Sep	
Shop Drawings										
12870	TCSS - Shop Drawings review by the Engineer	30d	05-Nov-14 A	29-Jun-15	52d					
2290	TCSS - Obtain Approval for Shop Drawings	0d		29-Jun-15	52d					
Procurement & Fabrication										
2292	TCSS - Issue PO for all TCSS Equipments	0d	01-Aug-15		20d					
10094	TCSS - Procurement for all plants, materials & equipments	45d	01-Aug-15	14-Sep-15	20d					
12478	TCSS - FAT for all plants, materials & equipments	30d	15-Sep-15	14-Oct-15	20d					
Electrical System										
Drawing Submission										
10562	ES - Cable containment layout submission (AECOM review & approval)	60d	19-Aug-14 A	09-Jul-15	43d					
10566	ES - Power layout drawings submission (AECOM review & approval)	60d	20-Aug-14 A	29-Jul-15	51d					
Manufacture & Delivery, FAT										
10618	ES - Emergency Generator ordering	24d	03-Jul-15	30-Jul-15	8d					
10544	ES - HV switchboard / Transformer ordering	24d	28-Jul-15	24-Aug-15	22d					
10610	ES - MCC ordering	24d	28-Jul-15	24-Aug-15	70d					
10626	ES - UPS system ordering	24d	28-Jul-15	24-Aug-15	63d					
10620	ES - Emergency Generator fabrication	150d	31-Jul-15	28-Jan-16	8d					
10546	ES - HV switchboard / Transformer fabrication	91d	25-Aug-15	11-Dec-15	22d					
10612	ES - MCC fabrication	100d	25-Aug-15	22-Dec-15	70d					
10628	ES - UPS system fabrication	90d	25-Aug-15	10-Dec-15	102d					
10602	ES - LV switchboard ordering	24d	09-Sep-15	08-Oct-15	62d					
Building Services System										
Shop Drawings / CSD / CBWD										
2306	BS(WVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Jun-15	84d					
2314	BS(MVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Jun-15	84d					

- Current Milestone
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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Jun	Jul	Aug	Sep
2318	BS(EVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Jun-15	84d				
General Procurement & Fabrication									
2308	BS - Issue PO for all Building Services System Equipments	0d	20-Jun-15		10d				
10102	BS - Procurement for all Building Services System Equipments, materials & equipments	60d	20-Jun-15	18-Aug-15	10d				
2310	BS - Initial Delivery for all Building Services System Equipments, materials & equipments	60d	04-Jul-15	01-Sep-15	10d				
MVAC Drawing Submission									
11046	MVAC System - Drawing Submission (AECOM review / Approval) (WVB - ISD)	90d	27-Oct-14 A	18-Aug-15	89d				
MVAC Procurement, Manufacture & Delivery, FAT									
11058	MVAC System - Procurement of MVAC Fan	50d	22-Jun-15	19-Aug-15	72d				
11060	MVAC System - Manufacture & Deliver	44d	20-Aug-15	12-Oct-15	72d				
Fire Services System Drawing Submission									
11002	FS System - Drawing Submission (AECOM review / Approval) (WVB - ISD)	90d	05-Mar-15 A	19-Jul-15	114d				
10994	FS System - Main System schematics detail submission (AECOM review / Approval)	90d	31-Mar-15 A	09-Jul-15	102d				
Fire Services System Procurement, Manufacture & Delivery, FAT									
11014	FS System - Procurement of FS Pump	60d	20-Jul-15	26-Sep-15	95d				
Plumbing System Drawing Submission									
11082	PL System - Main System schematics detail submission (AECOM review / Approval)	90d	29-Aug-14 A	18-Aug-15	211d				
11090	PL System - Drawing Submission (AECOM review / Approval) (WVB - ISD)	90d	27-Feb-15 A	18-Aug-15	230d				
Plumbing System Procurement, Manufacture & Delivery, FAT									
11102	PL System - Procurement of PL Pump	50d	22-Jun-15	19-Aug-15	38d				
12482	PL System - FAT of PL Pump (No FAT required)	0d	20-Aug-15	20-Aug-15	180d				
11104	PL System - Manufacture & Deliver	92d	02-Sep-15	21-Dec-15	169d				
Drainage System Drawing Submission									
10474	DR System - Main System schematics detail submission (AECOM review / Approval)	90d	31-Jan-15 A	29-Jun-15	74d				
10482	DR System - Drawing Submission (AECOM review / Approval) (WVB - ISD)	90d	27-Feb-15 A	30-Jun-15	73d				

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

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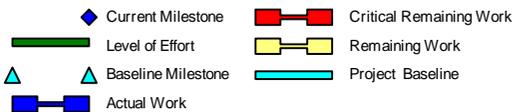
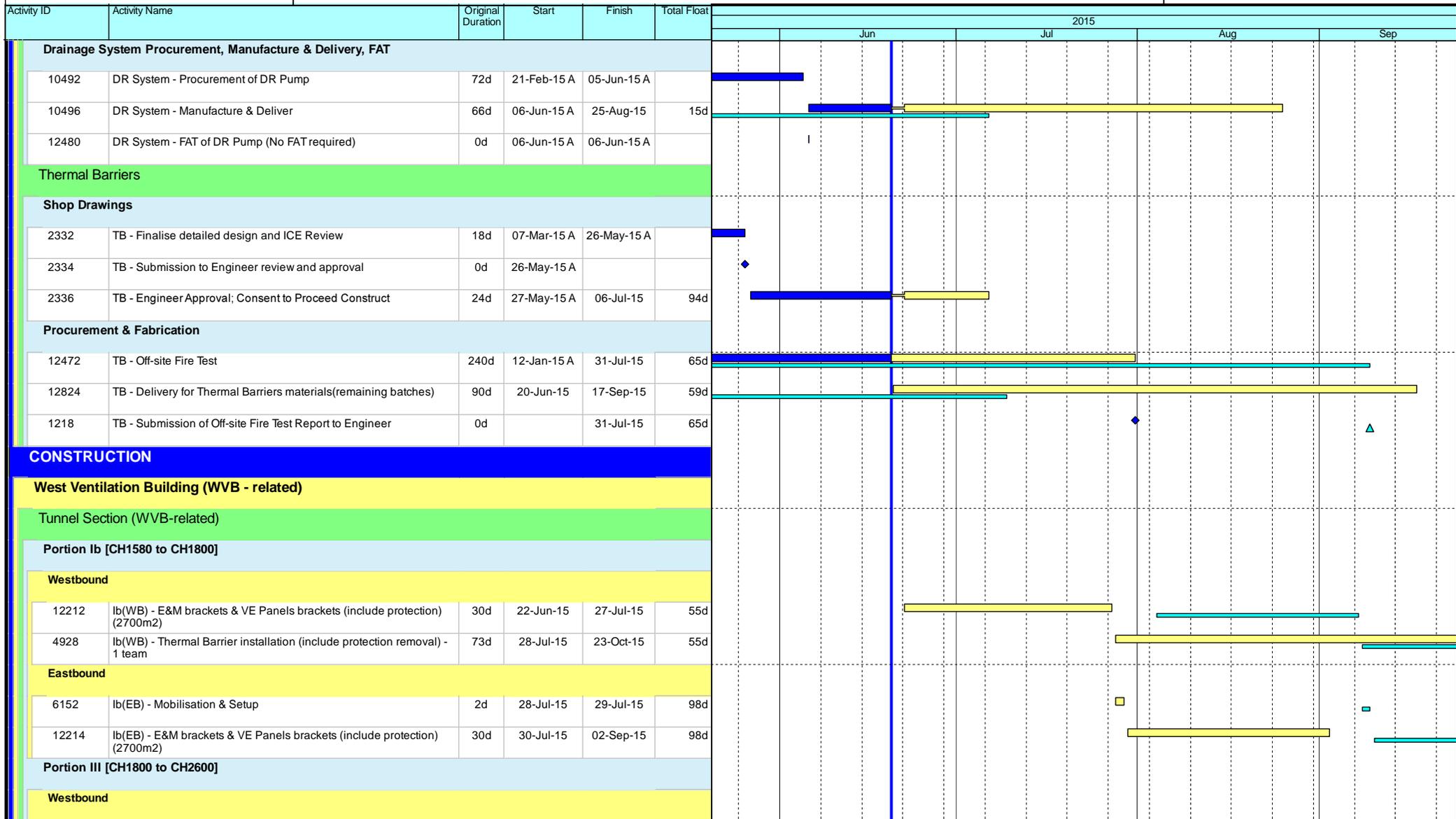
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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Jun	Jul	Aug	Sep
12216	III(WB) - E&M brackets & VE Panels brackets (include protection) (9600m2)	54d	10-Jul-15	10-Sep-15	1d				
4930a	III(WB) - Thermal Barrier installation - Final coat (include protection removal)	80d	11-Sep-15	16-Dec-15	1d				
Eastbound									
6138	III(EB) - Mobilisation & Setup	6d	15-Dec-14 A	23-May-15 A					
12218	III(EB) - E&M brackets & VE Panels brackets (9600m2)	54d	10-Jul-15	10-Sep-15	18d				
6140a	III(EB) - Thermal Barrier installation - Final coat (include protection removal)	80d	11-Sep-15	16-Dec-15	18d				
West Ventilation Building (WVB)									
RC Structures and Metal Roof									
Plenum (GL A-C / C-F)									
GL A-C / C-F Plenum									
12982b	WVB - VO on drill & fix missing starter bars - below Grid Line 4 (Formal VO missing)	30d	31-Jul-15	03-Sep-15	66d				
12982c	WVB - VO on drill & fix missing starter bars - Basement plinths (pending for detail info from AECOM) (Formal VO missing)	24d	31-Jul-15	27-Aug-15	13d				
G/F									
GL A-C / Column C1-C9									
G-14 F.S. Water Tank & Pump Room									
10312	WVB G14 - Water Tank	20d	24-Jun-15	17-Jul-15	156d				
1/F									
GL A-C / Column C1-C9									
10348	WVB 1/F - Rebar for beam & slab	12d	11-May-15 A	25-May-15 A					
10350	WVB 1/F - Close formwork for beam & slab	4d	26-May-15 A	22-Jun-15	13d				
10352	WVB 1/F - Concrete beam & slab	1d	23-Jun-15	23-Jun-15	13d				
L1-09 Computer Equipment Room									
12728	WVB 1/F (GL A-C) - Internal walls / Cast-in items	12d	05-Sep-15	18-Sep-15	78d				
L1 (GL A-C) Rooms / Corridors / Staircase									
10354	WVB 1/F (GL A-C) - Internal walls / Cast-in items	24d	11-Sep-15	10-Oct-15	79d				

- ◆ Current Milestone
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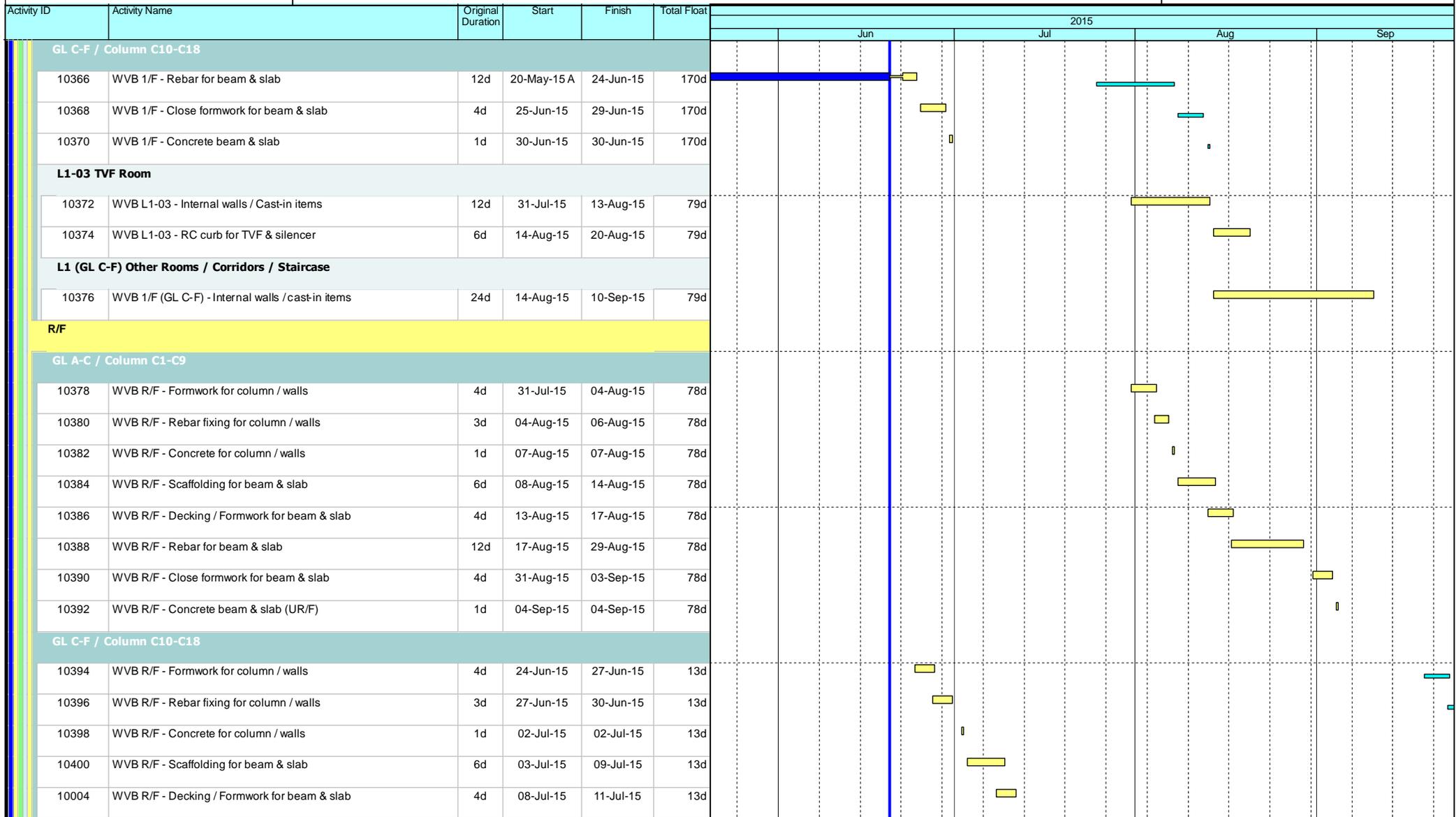
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Date	Revision	Checked	Appro...
20-May-15	U015	AT	CW
20-Jun-15	U016	AT	CW

Data Date: 20-Jun-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.



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

Leighton Contractors (Asia) Limited Programme Update 16 (June 2015) THREE MONTH ROLLING

Project ID: H2613-U016-1
 Baseline: DWP2a
 Layout: Update Three Month Rolling U016
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Date	Revision	Checked	Appro...
20-May-15	U015	AT	CW
20-Jun-15	U016	AT	CW

Data Date: 20-Jun-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Jun	Jul	Aug	Sep
10006	WVB R/F - Rebar for beam & slab	12d	11-Jul-15	24-Jul-15	13d				
10008	WVB R/F - Close formwork for beam & slab	4d	25-Jul-15	29-Jul-15	13d				
10010	WVB R/F - Concrete beam & slab (UR/F)	1d	30-Jul-15	30-Jul-15	13d				
Metal Roof									
3032	WVB - Metal Roof materials delivery on site	24d	03-Jun-15 A	23-Jun-15	73d				
10442	WVB - Installation of temporary roof support at tunnel portal	18d	11-Sep-15	03-Oct-15	6d				
ABWF Works									
3056	WVB - Waterproofing and roofing	12d	31-Jul-15	13-Aug-15	84d				
MEP Works									
3094	MEP(WVB) - Lift Installation	90d	14-Aug-15	11-Nov-15	271d				
Basement									
APS Auxiliary Room (B1-01)									
10634	WVB - ABWF works for APS auxiliary room	12d	02-Sep-15	15-Sep-15	9d				
TV Plenum (B1-02)									
10650	WVB - ABWF works for TV Plenum	12d	16-Sep-15	30-Sep-15	9d				
Sump Pump Room (B1-03)									
10662	WVB - ABWF works for Sump Pump Room	12d	02-Sep-15	15-Sep-15	9d				
10664	MEP(WVB) - E&M 1st fixing	24d	16-Sep-15	15-Oct-15	9d				
1/F									
TVF Room (L1-03)									
10808	MEP(WVB) - ABWF Works	12d	21-Aug-15	03-Sep-15	79d				
10810	MEP(WVB) - E&M 1st fixing	24d	04-Sep-15	03-Oct-15	79d				
Computer Equipment Room (L1-09)									
12730	MEP(WVB) - ABWF Works	12d	19-Sep-15	05-Oct-15	78d				
East Ventilation Building (EVB - related)									

- ◆ Current Milestone
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Leighton Contractors (Asia) Limited Programme Update 16 (June 2015) THREE MONTH ROLLING

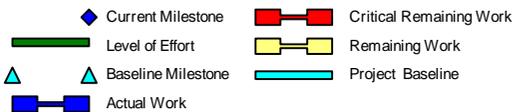
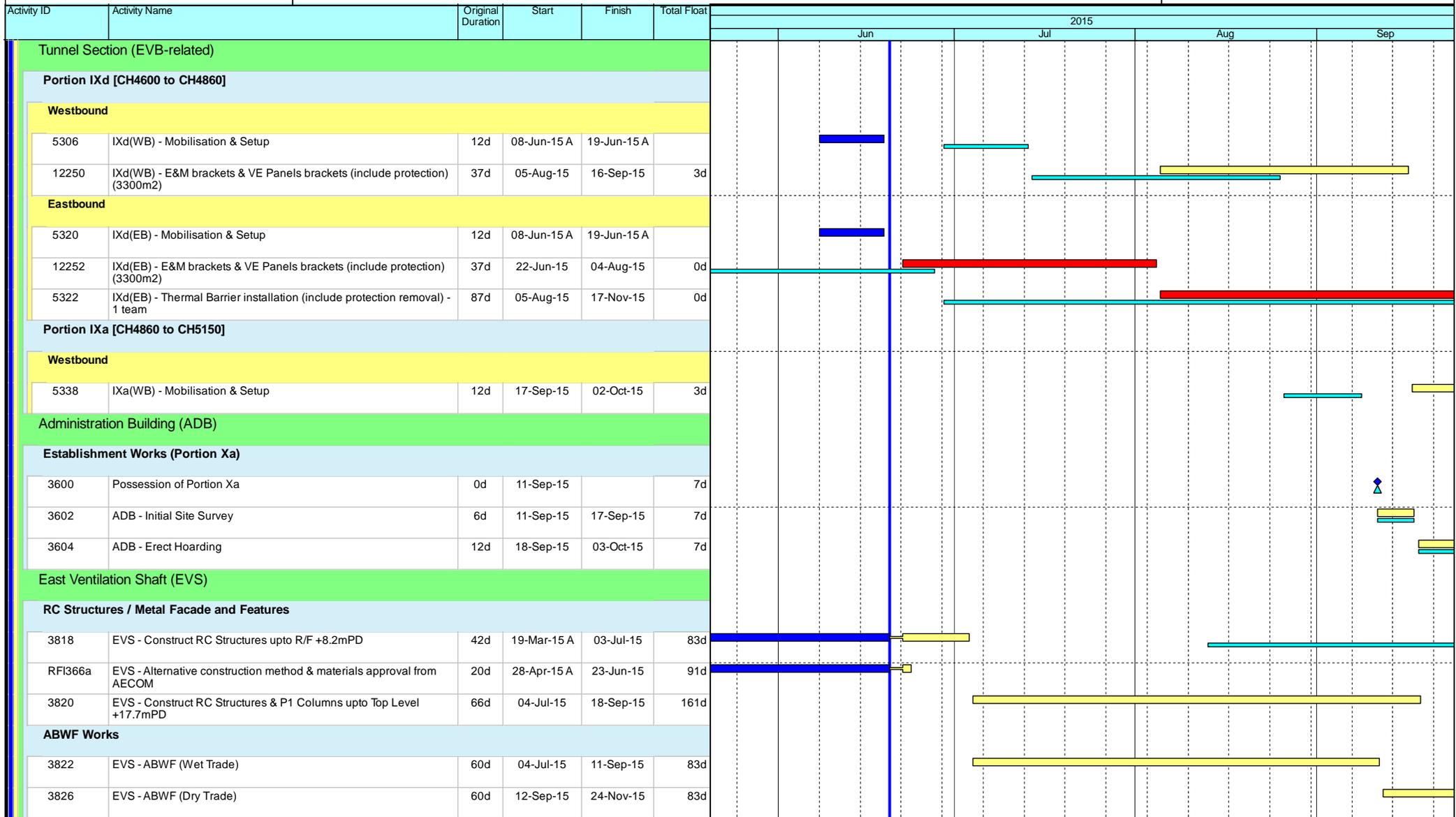
Project ID: H2613-U016-1
 Baseline: DWP2a
 Layout: Update Three Month Rolling U016
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Date	Revision	Checked	Appro...
20-May-15	U015	AT	CW
20-Jun-15	U016	AT	CW

Data Date: 20-Jun-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.



Leighton Contractors (Asia) Limited Programme Update 16 (June 2015) THREE MONTH ROLLING

Project ID: H2613-U016-1
 Baseline: DWP2a
 Layout: Update Three Month Rolling U016
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Date	Revision	Checked	Appro...
20-May-15	U015	AT	CW
20-Jun-15	U016	AT	CW

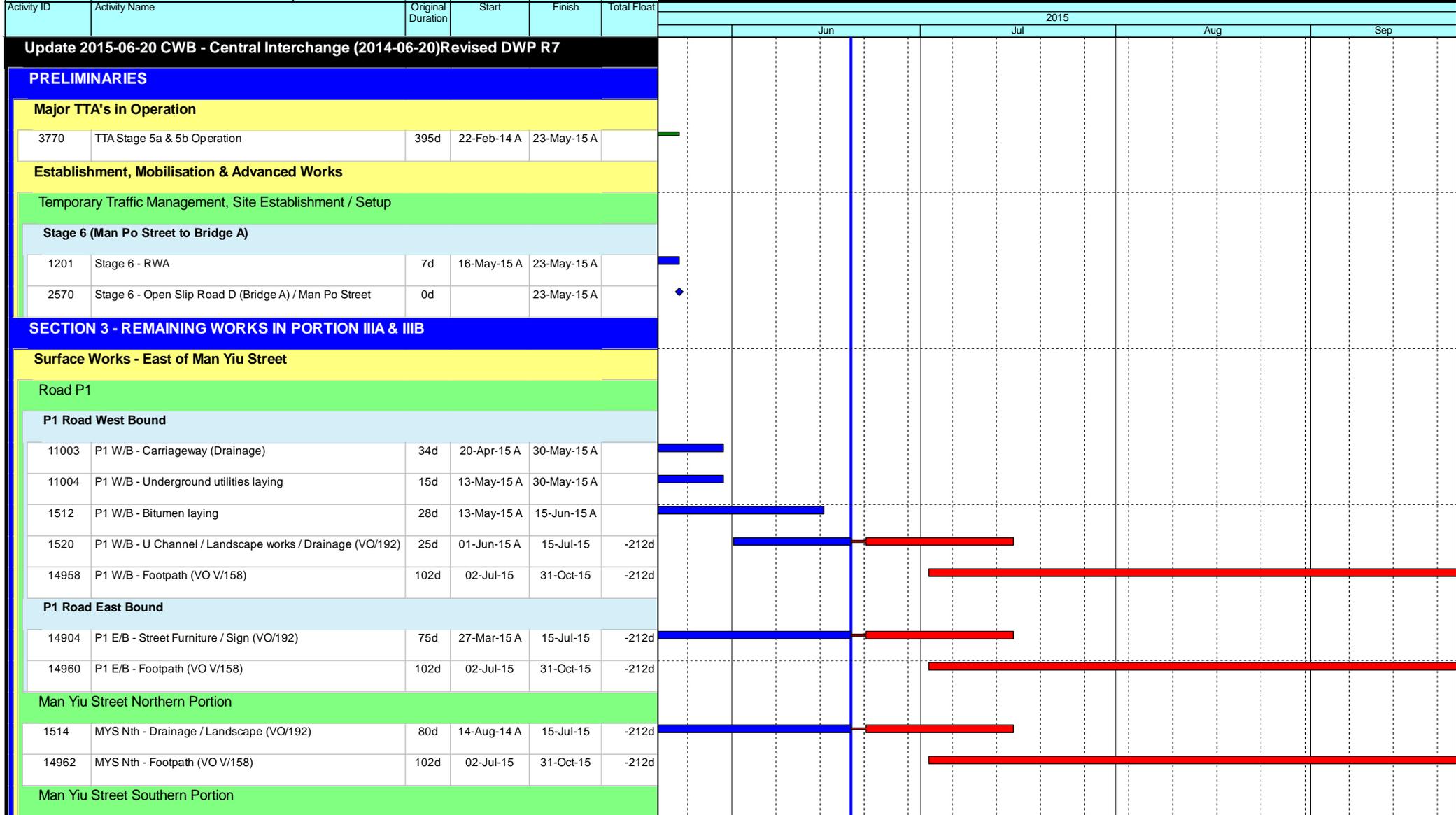
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015																
						Jun			Jul			Aug			Sep							
						1	2	3	1	2	3	1	2	3	1	2	3					
MEP Works																						
3834	MEP(EVS) - E&M Start	0d	12-Sep-15		116d																	
3836	MEP(EVS) - E&M 1st Fix	30d	12-Sep-15	19-Oct-15	116d																	

-  Current Milestone
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Leighton Contractors (Asia) Limited Programme Update 16 (June 2015) THREE MONTH ROLLING

Project ID: H2613-U016-1
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Date	Revision	Checked	Appro...
20-May-15	U015	AT	CW
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- ◆ Current Milestone
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- Remaining Work
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Leighton Contractors (Asia) Limited

Programme Update 57 (June 2015)

THREE MONTH ROLLING

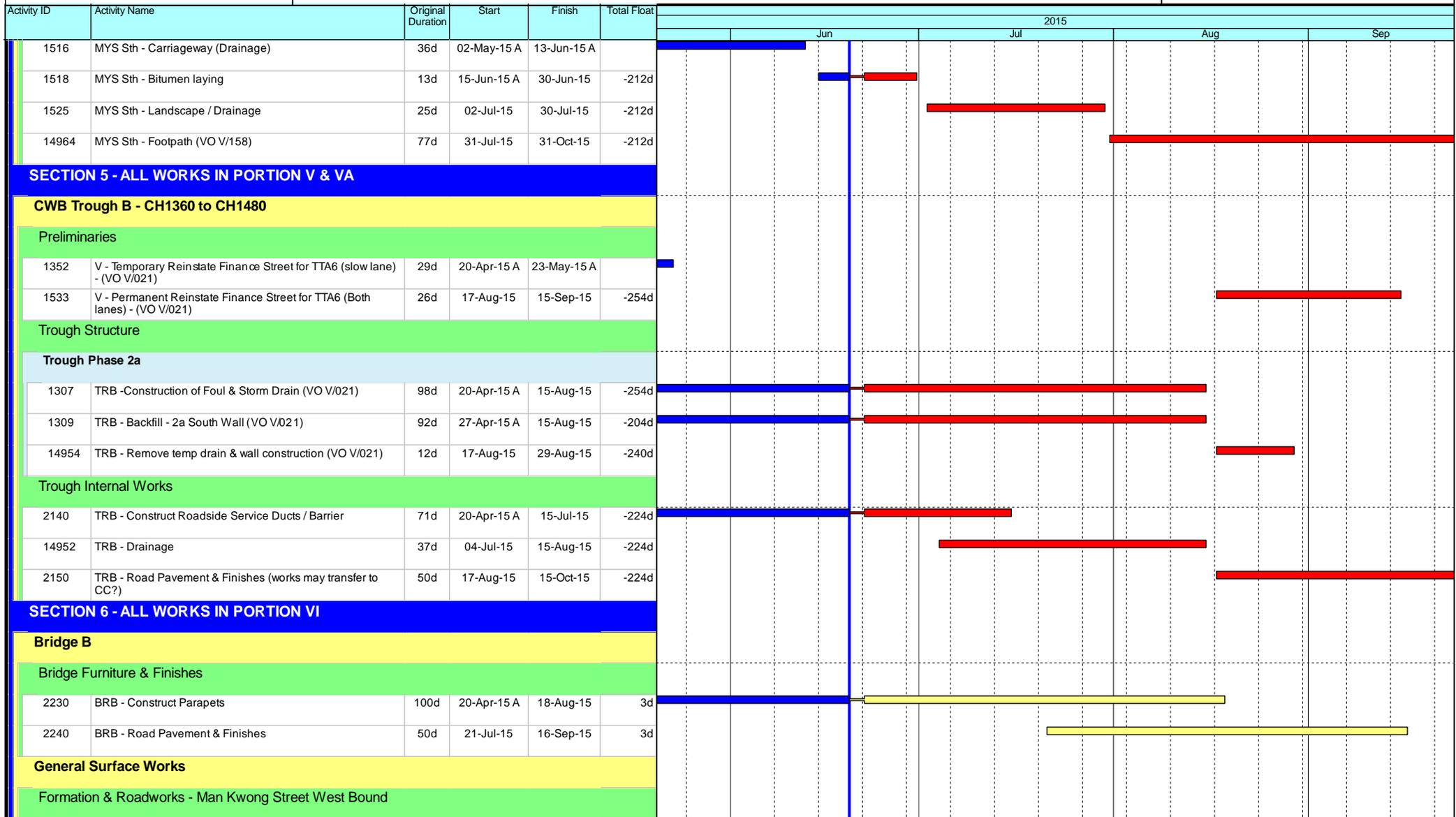
Project ID: U057
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U057
 Page 1 of 5

Date	Revision	Checked	Appro...
20-May-15	U056	AT	BY
20-Jun-15	U057	AT	BY

Data Date: 20-Jun-15

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 57 (June 2015) THREE MONTH ROLLING

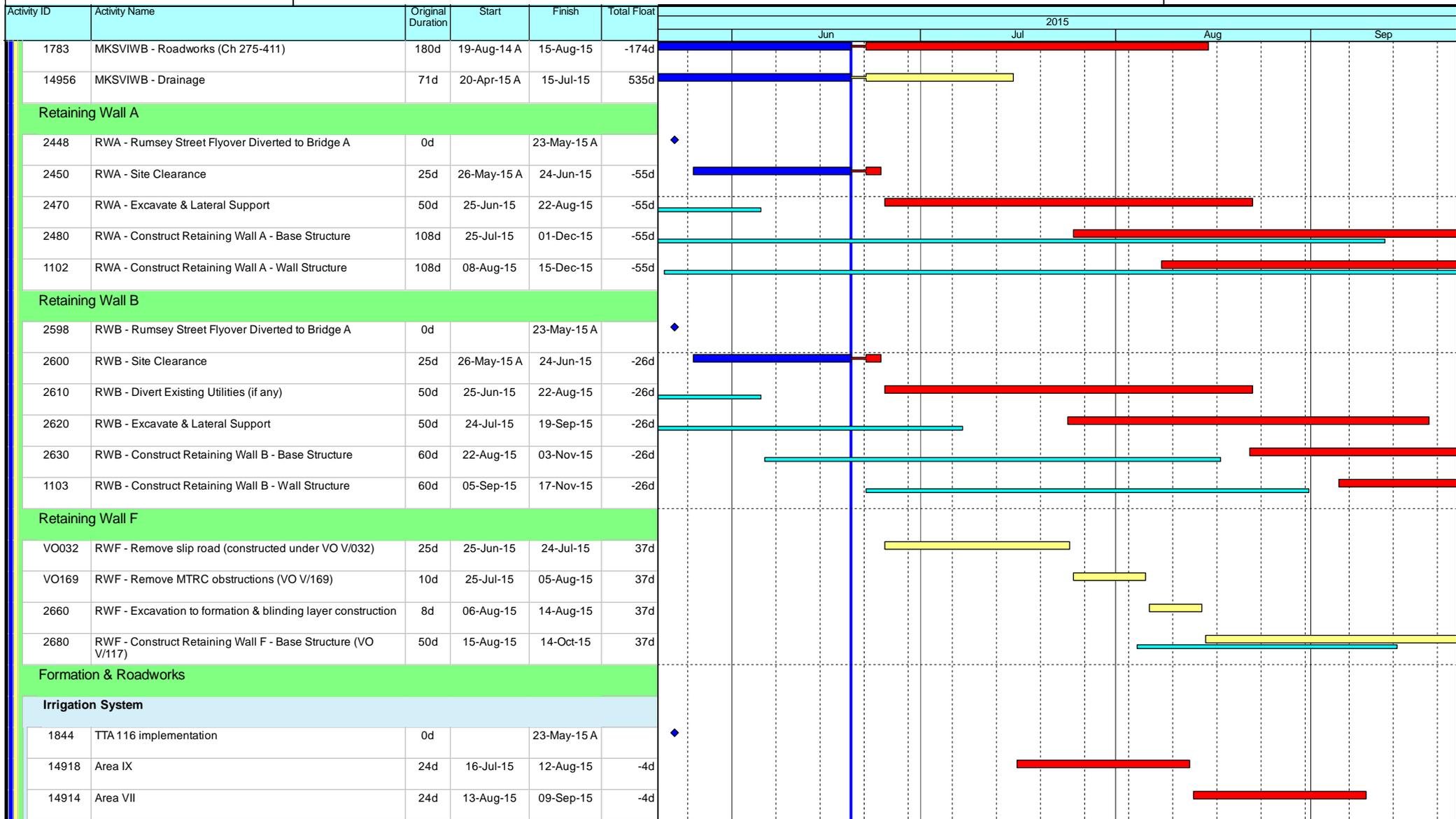
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 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U057
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Date	Revision	Checked	Appro...
20-May-15	U056	AT	BY
20-Jun-15	U057	AT	BY

Data Date: 20-Jun-15

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

TASK filters: 3 Months_1, Not HL.



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Leighton Contractors (Asia) Limited Programme Update 57 (June 2015) THREE MONTH ROLLING

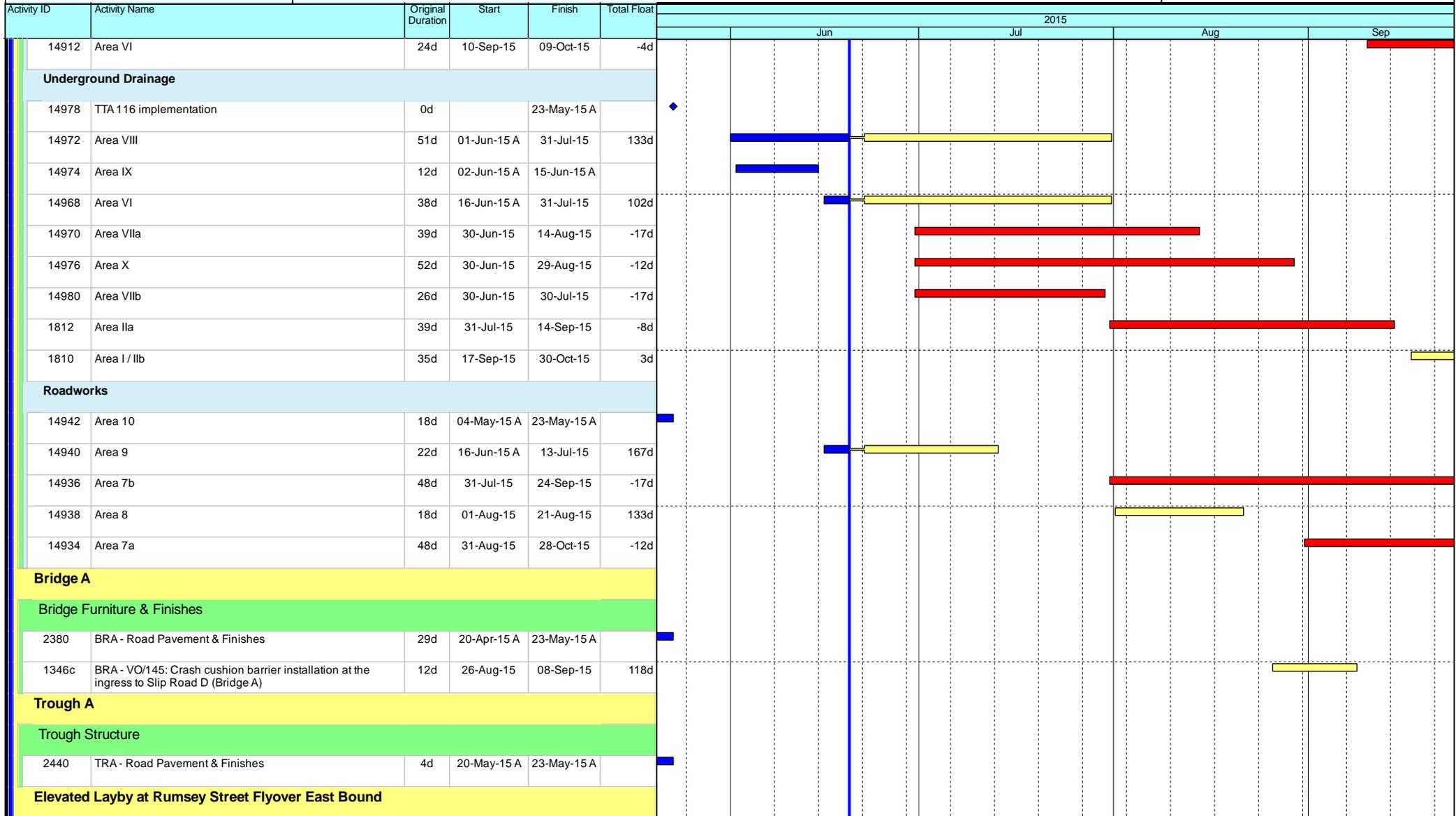
Project ID: U057
Baseline: DCP7-2c
Layout: Update Three Month Rolling U057
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Date	Revision	Checked	Appro...
20-May-15	U056	AT	BY
20-Jun-15	U057	AT	BY

Data Date: 20-Jun-15

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 57 (June 2015) THREE MONTH ROLLING

Project ID: U057
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U057
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Date	Revision	Checked	Appro...
20-May-15	U056	AT	BY
20-Jun-15	U057	AT	BY

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015											
						Jun			Jul			Aug			Sep		
Bridge Structure																	
2770	RSFLB - Pier E1/E2 Bridge Deck	36d	19-May-15 A	02-Jul-15	147d												
2780	RSFLB - Construct Parapet	18d	03-Jul-15	23-Jul-15	147d												
1381	RSFLB - Construct Stitch	1d	24-Jul-15	24-Jul-15	147d												
2890	RSFLB - Road Pavement & Finishes	10d	25-Jul-15	05-Aug-15	147d												
Key Dates for Completion of Sections																	
Anticipated Completion																	
1064	KD6 - Anticipated Completion	0d		15-Sep-15*	-316d												

- Current Milestone
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- Remaining Work
- Project Baseline

Leighton Contractors (Asia) Limited Programme Update 57 (June 2015) THREE MONTH ROLLING

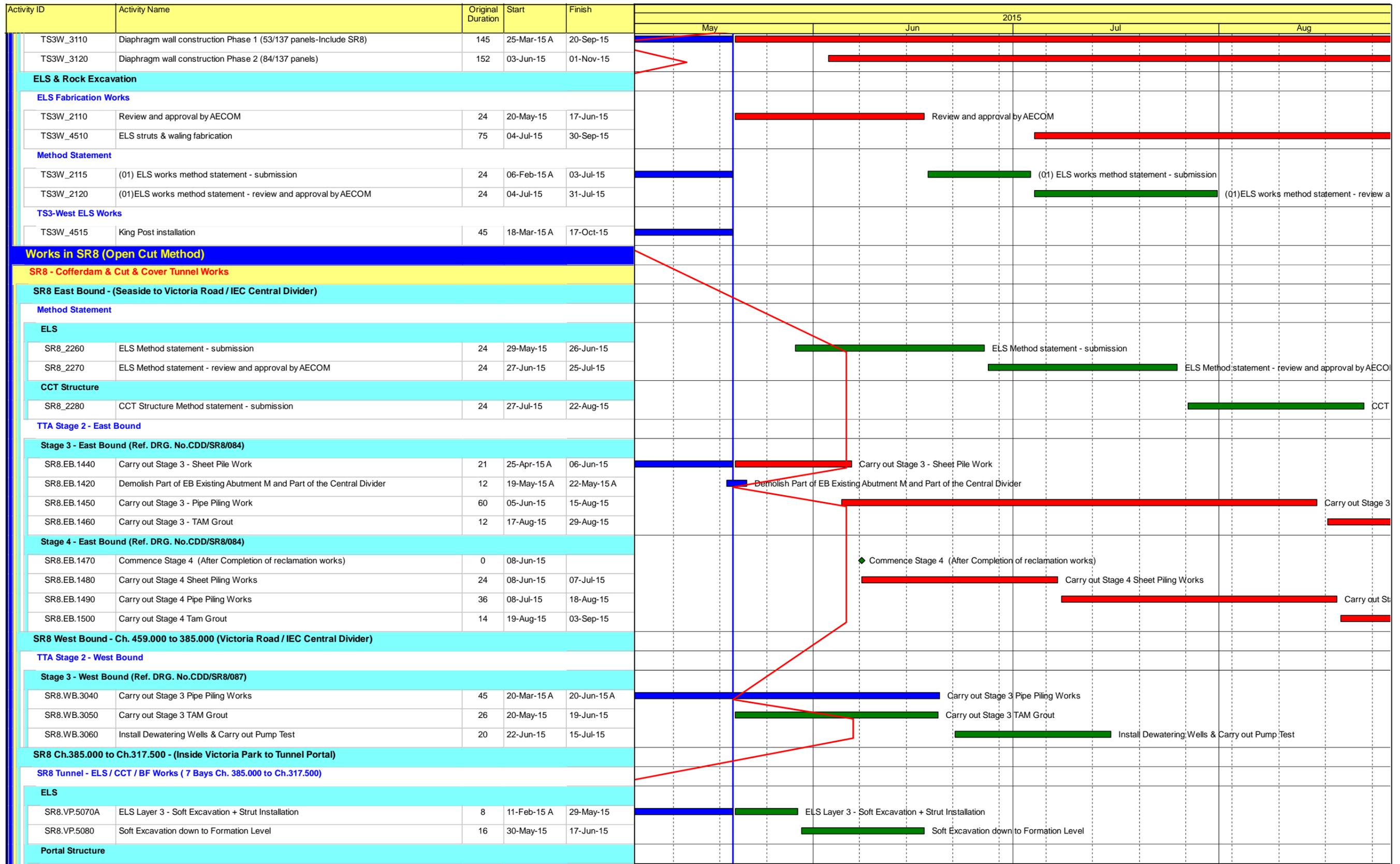
Project ID: U057
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U057
 Page 5 of 5

Date	Revision	Checked	Appro...
20-May-15	U056	AT	BY
20-Jun-15	U057	AT	BY

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

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

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



- Actual Work
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- Critical Remaining Work
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Date	Revision	Checked	Approved
20-May-15	Updated to 20th May 2015	DML/WC	

Activity ID	Activity Name	Original Duration	Start	Finish	2015				
					May	Jun	Jul	Aug	
Blinding + Waterproofing									
SR8.VP.5030	Blinding for Bay 1 to Bay 7	7	17-Jun-15	26-Jun-15					
SR8.VP.5090	Waterproofing for Bay 1 to Bay 7	7	27-Jun-15	06-Jul-15					
Base Slab + Drainage									
SR8.VP.5100	Base Slab - Bay 1	8	07-Jul-15	15-Jul-15					
SR8.VP.5110	Base Slab - Bay 2	8	16-Jul-15	24-Jul-15					
SR8.VP.5120	Base Slab - Bay 3	8	25-Jul-15	03-Aug-15					
SR8.VP.5130	Base Slab - Bay 4	8	04-Aug-15	12-Aug-15					
SR8.VP.5140	Base Slab - Bay 5	8	13-Aug-15	21-Aug-15					
Pump Sump E									
SR8.VP.5360	Base Slab	8	07-Jul-15	15-Jul-15					
SR8.VP.5370	Wall Up to Portal Base Slab Bottom	10	16-Jul-15	27-Jul-15					
SR8.VP.5380	Fill Up Void Up to Portal Base Slab Bottom	7	28-Jul-15	04-Aug-15					
SR8 Ch 317.500 to Ch 210.000 - U-Structure & Slab (Victoria Park)									
Excavation and Lateral Support									
SR8_2310	ELS - Excavation to Formation Level + Lateral Support for UBA2 to UBA5	21	12-May-15 A	01-Jun-15					
RC CCT & Backfill Ch317.5000 to Ch240.000									
Structure									
Blinding + Waterproofing									
SR8_1830	Blinding & Waterproofing Bay UBA2 to UBA5	4	02-Jun-15	05-Jun-15					
SR8_1840	Remove Bulk Head at CH317.5	7	18-Jun-15	26-Jun-15					
SR8_1860	Blinding & Waterproofing Bay UBA8	4	27-Jun-15	02-Jul-15					
Base Slab									
SR8_1810	SR8 U-structure Base slab (UBA2 - UBA5)	48	06-Jun-15	03-Aug-15					
SR8_1812	SR8 U-structure Base slab (UBA8)	24	03-Jul-15	30-Jul-15					
SR8_1813	Remove SL3 - (UBA8)	14	31-Jul-15	15-Aug-15					
SR8_1811	Remove SL2 - (UBA2 - UBA5)	28	04-Aug-15	04-Sep-15					
Wall									
SR8_1850B	SR8 U-structure Wall (UBA6-UBA7) - Stage 2	14	23-Feb-15 A	23-Jun-15					
SR8_1850A	Remove SL2, 1 (UBA6-UBA7)	14	20-May-15	05-Jun-15					
SR8_2060	SR8 U-structure Wall (UBA8) - Stage 1	7	17-Aug-15	24-Aug-15					
Tsing Fung St - RW & Subway Extension & Toe Wall at Hing Fat St									
Ret. Wall & TF Subway Extension (Portion V)									
Retaining Wall RW8C at Tsing Fung Street (Portion V)									
VP_1770	Install Steel Railing on Top of RW8C	14	20-May-15	05-Jun-15					
VP_1390	Demolish Top Portion of Existing Wall Head and Kerb	18	05-Jun-15	27-Jun-15					
VP_1400	Road Formation - Subbase + Kerb + U-shape Channel	48	27-Jun-15	24-Aug-15					
Retaining Wall + Toe Wall at Hing Fat Street									
Subway Extension at Tsing Fung Street (Portion VIII)									
West Side									
VP_1365	Excavation and Demolition (West Part) of Subway	14	09-Apr-15 A	23-May-15					
VP_1375.10	TFS Subway extension - Blinding and Waterproofing	8	26-May-15	03-Jun-15					
VP_1375.20	TFS Subway extension - Base slab + Drainage	21	04-Jun-15	29-Jun-15					

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

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