

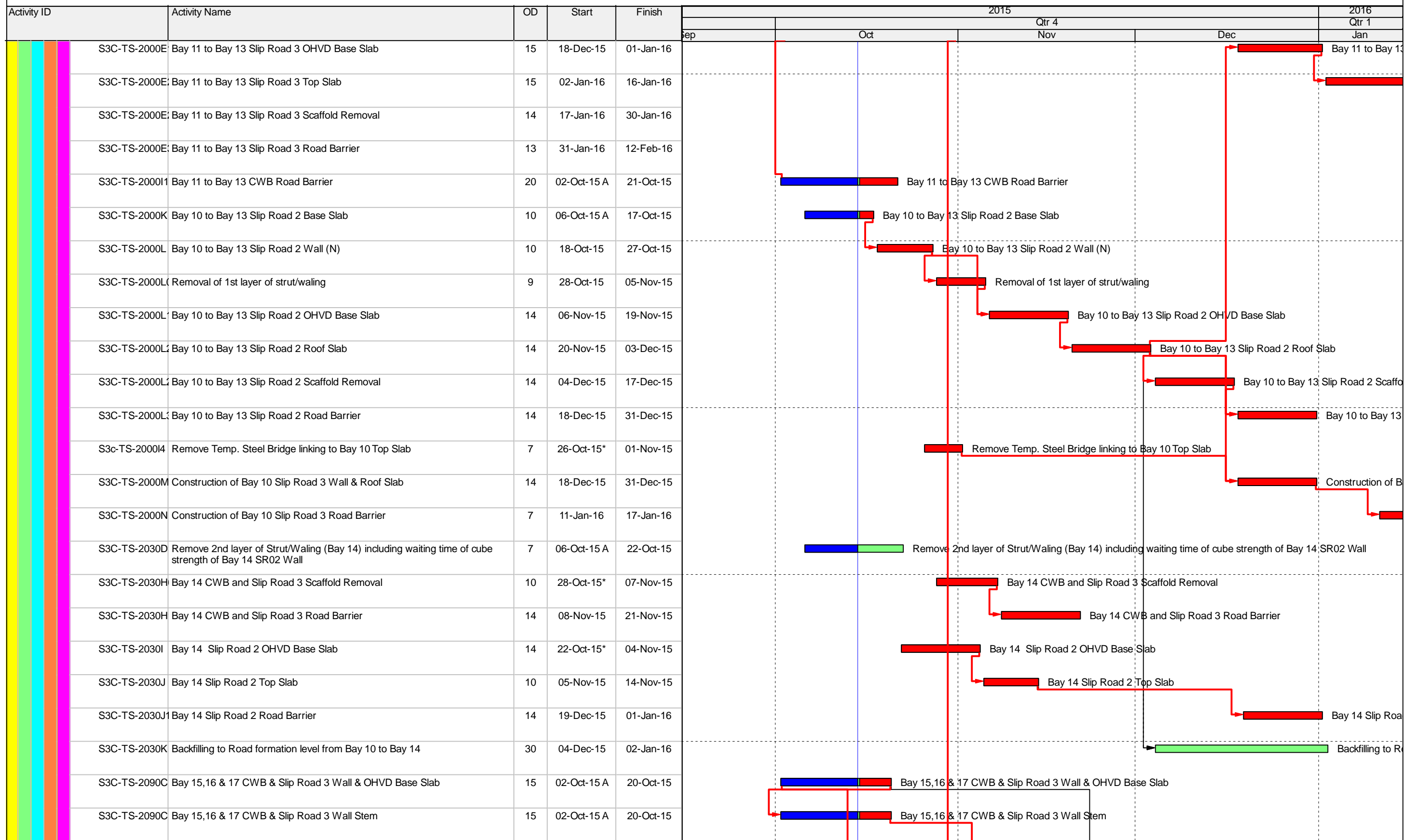
	Remaining Work		Summa...
	Actual Work		
	Summary Bar		
	Critical Remaining Work		
	Milestone		

CEDD CONTRACT NO. HK/2009/01

Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)

WORKS PROGRAMME Rev.4 - 3 Month Programme starting from 15-Oct-15

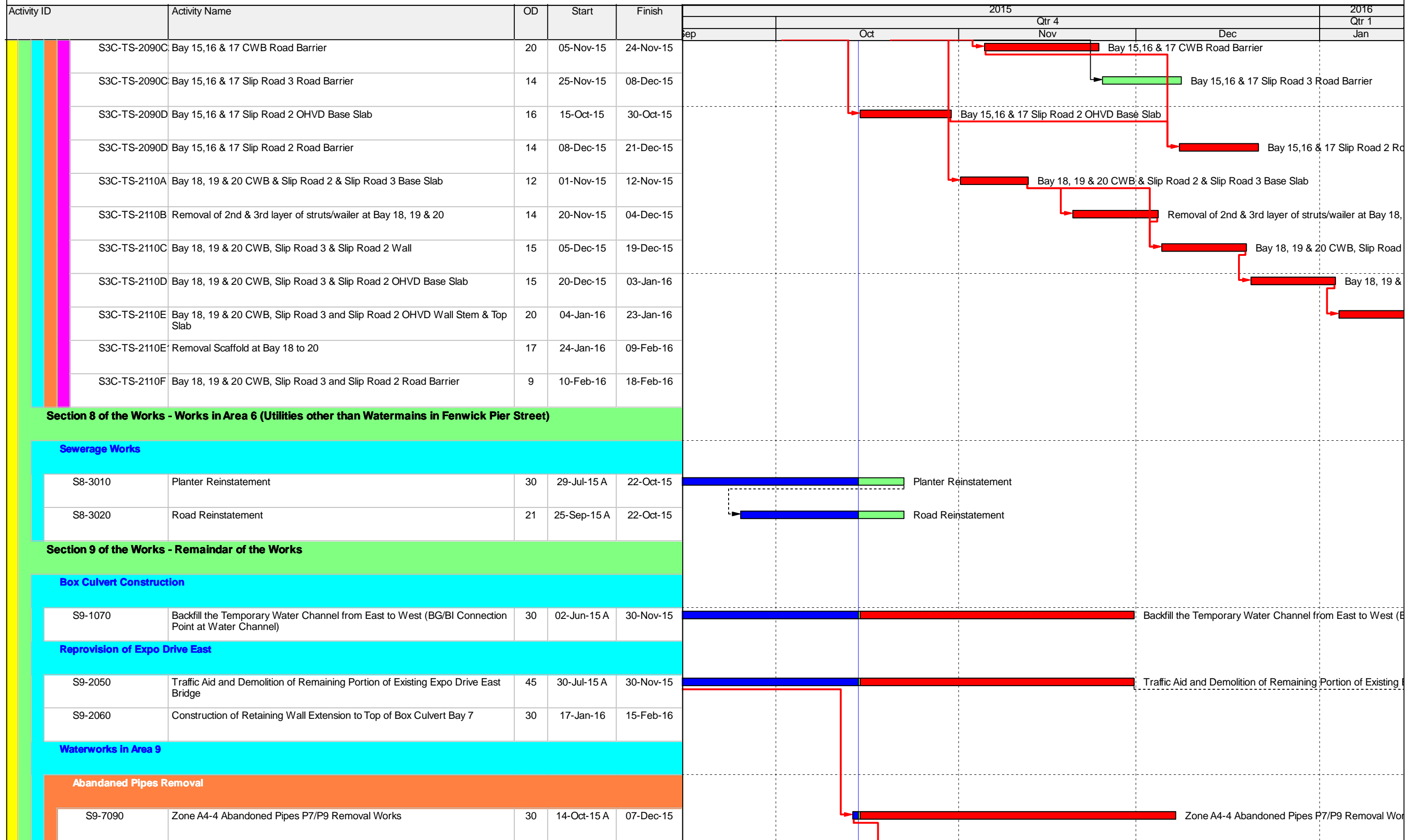
Date	Revision	Checked	Appro...
15-Sep-15	Program 6H 15 Sep 2015		
15-Oct-15	Progress Updated on 15 Oct 2015		



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

CEDD CONTRACT NO. HK/2009/01  
 Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)  
WORKS PROGRAMME Rev.4 - 3 Month Programme starting from 15-Oct-15

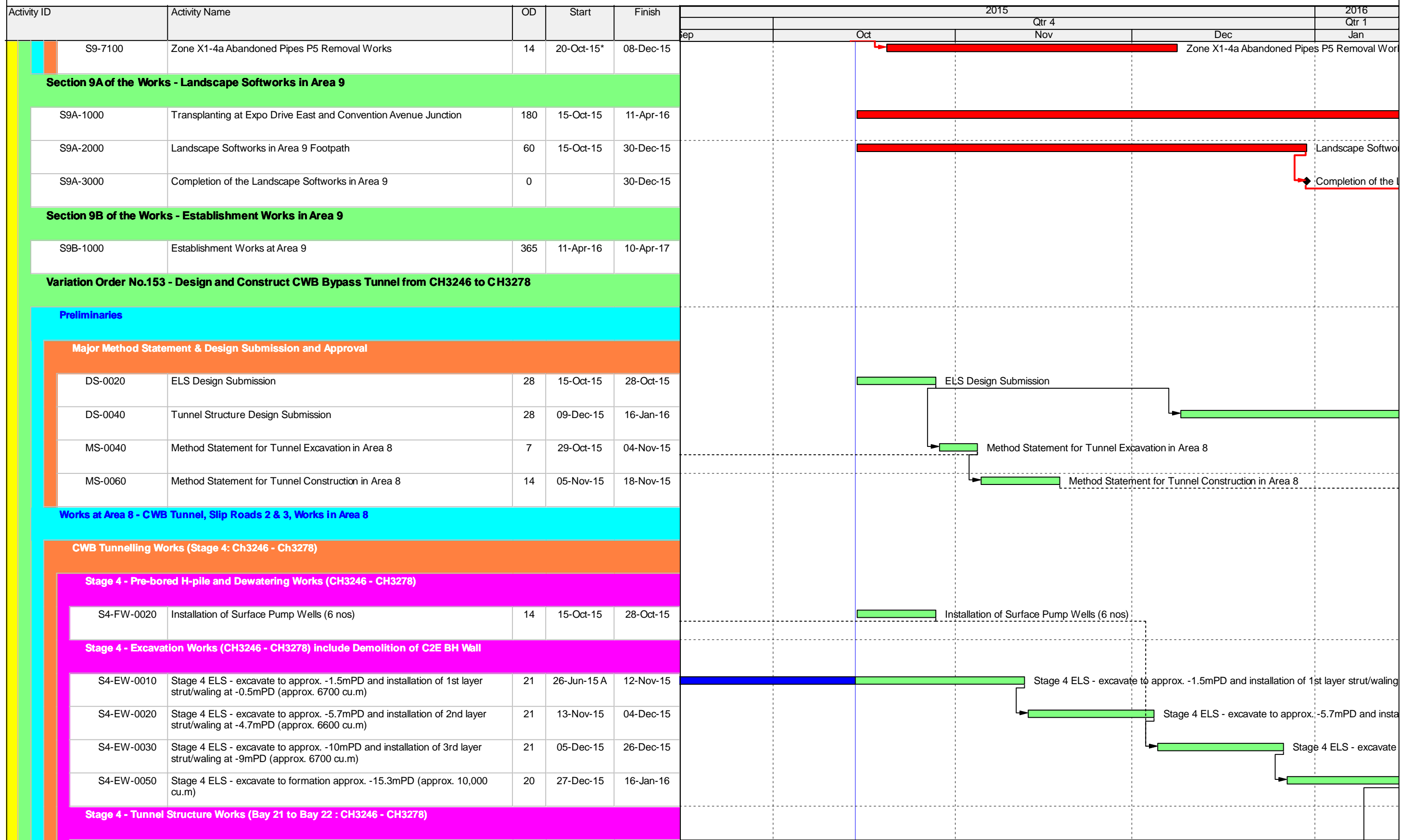
Date	Revision	Checked	Appro...
15-Sep-15	Program 6H 15 Sep 2015		
15-Oct-15	Progress Updated on 15 Oct 2015		



Remaining Work	Summa...
Actual Work	
Summary Bar	
Critical Remaining Work	
Milestone	

CEDD CONTRACT NO. HK/2009/01  
 Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)  
WORKS PROGRAMME Rev.4 - 3 Month Programme starting from 15-Oct-15

Date	Revision	Checked	Appro...
15-Sep-15	Program 6H 15 Sep 2015		
15-Oct-15	Progress Updated on 15 Oct 2015		



Remaining Work	Summa...
Actual Work	
Summary Bar	
Critical Remaining Work	
Milestone	

CEDD CONTRACT NO. HK/2009/01

Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)

WORKS PROGRAMME Rev.4 - 3 Month Programme starting from 15-Oct-15

Date	Revision	Checked	Appro...
15-Sep-15	Program 6H 15 Sep 2015		
15-Oct-15	Progress Updated on 15 Oct 2015		

Activity ID	Activity Name	OD	Start	Finish	2015				2016
					Qtr 4				Qtr 1
					Sep	Oct	Nov	Dec	Jan
S4-TS-0005	Pile Head Fabrication	15	11-Jan-16	24-Jan-16					
S4-TS-0010	Bay 21 Base Slab	10	25-Jan-16	03-Feb-16					
S4-TS-0020	Bay 22 Base Slab	10	28-Jan-16	06-Feb-16					
S4-TS-0030	Removal of 2nd and 3rd layer of Strut/Waling	28	07-Feb-16	06-Mar-16					
S4-TS-0040	Bay 21 & 22 Wall	15	07-Mar-16	22-Mar-16					
S4-TS-0050	Bay 21 & 22 Wall & OHVD Base Slab	15	23-Mar-16	06-Apr-16					
S4-TS-0060	Bay 21 & 22 OHVD Wall Stem and Top Slab	15	07-Apr-16	22-Apr-16					







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

Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2015					2016
						Sep	Oct	Nov	Dec	Jan	
<b>Total</b>		01-Jan-15 A	28-Dec-15	80							
<b>HK/2012/08 Revised Works Programme Rev.5_Updated as of 20-Sep-15</b>		01-Jan-15 A	28-Dec-15	80							
<b>Dredging and Reclamation</b>		21-Aug-15 A	15-Dec-15	71							
<b>Marine Work Construction</b>		21-Aug-15 A	15-Dec-15	71							
<b>Zone A1</b>		11-Nov-15	15-Dec-15	30							
<b>Seawall Construction - Zone A1</b>		11-Nov-15	15-Dec-15	30							
MAR10310	Zone A1 - seawall - Type 3 - fill rock mound	11-Nov-15	18-Nov-15	8	0%						
MAR10312	Zone A1 - seawall - Type 3 - lay toe block and leveling stone	19-Nov-15	26-Nov-15	8	0%						
MAR10320	Zone A1 - seawall - install block seawall type 3	27-Nov-15	04-Dec-15	8	0%						
MAR10340	Zone A1 - seawall - place type A behind seawall Type 3	05-Dec-15	10-Dec-15	6	0%						
MAR10345	Zone A1 - seawall - lay geotextile and filter behind seawall Type 3	11-Dec-15	15-Dec-15	4	0%						
<b>Zone A2</b>		21-Aug-15 A	06-Oct-15	12							
<b>Seawall Construction - Zone A2</b>		21-Sep-15	06-Oct-15	12							
MAR10815	Zone A2 - seawall - place type A behind seawall Type 4 and Type 13 up to -1.5 mPD	21-Sep-15	26-Sep-15	6	0%						
MAR10817	Zone A2 - seawall - lay geotextile and filter behind seawall Type 4 and Type 13 up to -1.5 mPD	29-Sep-15	06-Oct-15	6	0%						
<b>Filling - Zone A2</b>		21-Aug-15 A	21-Sep-15	1							
MAR20365	Zone A2(2) - Public Fill -4.0 to +4.0mPD (behind Type 4 & 13 for temp channel outlet)	21-Aug-15 A	21-Sep-15	1	95%						
<b>Zone C</b>		21-Sep-15	28-Oct-15	30							
<b>Dredging - Zone C</b>		21-Sep-15	28-Oct-15	30							
MAR11520	Zone C - Cut existing pipe pile (2 nos.)	21-Sep-15	28-Oct-15	30	0%						
<b>Zone D</b>		21-Sep-15	15-Dec-15	71							
<b>Seawall Construction - Zone D</b>		21-Sep-15	19-Nov-15	49							
<b>Seawall 10 &amp; 11</b>		21-Sep-15	22-Oct-15	25							
MAR20582	Zone D - fill rock mound for Seawall 10 & 11	21-Sep-15	22-Sep-15	2	0%						
MAR20584	Zone D - lay toe block and level stone for Seawall 10 & 11	23-Sep-15	03-Oct-15	8	0%						
MAR20605	Zone D - Install block seawall 10	05-Oct-15	20-Oct-15	14	0%						
MAR20610	Zone D - Install block seawall 11	06-Oct-15	22-Oct-15	14	0%						
<b>Seawall 9</b>		23-Oct-15	19-Nov-15	24							
MAR11858	Zone D - fill rock mound for Seawall 9	23-Oct-15	24-Oct-15	2	0%						
MAR11859	Zone D - lay toe block and level stone for Seawall 9	26-Oct-15	03-Nov-15	8	0%						
MAR12300	Zone D - Install block seawall 9	04-Nov-15	19-Nov-15	14	0%						
<b>Filling - Zone D</b>		19-Nov-15	15-Dec-15	23							
<b>Filling at North</b>		19-Nov-15	15-Dec-15	23							

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

Project Star :22-Jan-13  
Project End: 21-Jul-18  
Date Date: 20-Sep-15

3 Months Rolling Programme \_September to November 2015  
(For Non-CRIII Zone)

Detailed Works Programme Revision 5			
Date	Revision	Checked	Approved
20-Sep-15	3MRP		



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

Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2015					2016
						Sep	Oct	Nov	Dec	Jan	
MAR12160	Zone D - Sorted Public Fill up to +2.5mPD (north area)	19-Nov-15	02-Dec-15	12	0%						
MAR12180	Zone D - Sorted & Compacted Public Fill from +2.5 to +4mPD (north area)	02-Dec-15	15-Dec-15	12	0%						
<b>Works for Section Completion</b>		<b>01-Jan-15 A</b>	<b>28-Dec-15</b>	<b>80</b>							
<b>Construction</b>		<b>01-Jan-15 A</b>	<b>28-Dec-15</b>	<b>80</b>							
<b>Section II - MVB Structure</b>		<b>08-Aug-15 A</b>	<b>24-Dec-15</b>	<b>79</b>							
<b>MVB Substructure - ELS &amp; Structural Works for Portion A</b>		<b>08-Aug-15 A</b>	<b>24-Dec-15</b>	<b>79</b>							
<b>MVB Substructure - Structural Works for Portion A</b>		<b>08-Aug-15 A</b>	<b>24-Dec-15</b>	<b>79</b>							
SII11120	Sec II - MVB A - Construct B3M slab, column and wall	08-Aug-15 A	27-Nov-15	55	24%						
SII11140	Sec II - MVB A - Remove Strut SL7 and SL6	18-Dec-15	24-Dec-15	5	0%						
<b>MVB Substructure - ELS &amp; Structural Works for Portion B</b>		<b>09-Sep-15 A</b>	<b>21-Sep-15</b>	<b>1</b>							
<b>MVB Substructure - ELS for Portion B</b>		<b>09-Sep-15 A</b>	<b>21-Sep-15</b>	<b>1</b>							
SII11760	Sec II - MVB B: Excavation down to -25.45mPD	09-Sep-15 A	21-Sep-15	1	90%						
<b>MVB Substructure - Piling Works</b>		<b>21-Sep-15</b>	<b>26-Nov-15</b>	<b>55</b>							
<b>MVB C - Prebored H Piles</b>		<b>21-Sep-15</b>	<b>26-Nov-15</b>	<b>55</b>							
SII10400	Sec II - MVB C - construct prebored H-piles	21-Sep-15	03-Nov-15	35	0%						
SII10420	Sec II - MVB C - Loading Test for Prebored H-pile	04-Nov-15	26-Nov-15	20	0%						
<b>Section II A - CWB Tunnel &amp; Slip Road Structures and Facilities</b>		<b>17-Jan-15 A</b>	<b>28-Dec-15</b>	<b>80</b>							
<b>CWB CRIII &amp; A1</b>		<b>17-Jul-15 A</b>	<b>28-Dec-15</b>	<b>80</b>							
<b>CWB A1 - ELS &amp; Tunnel Structure</b>		<b>17-Jul-15 A</b>	<b>28-Dec-15</b>	<b>80</b>							
<b>CWB A1 - ELS Remaining</b>		<b>17-Jul-15 A</b>	<b>03-Nov-15</b>	<b>35</b>							
SIIA11286	Sec IIA - CWB A1 : Shoring & Excavation (Remaining)	17-Jul-15 A	03-Nov-15	35	0%						
<b>CWB A1 - Tunnel Structure Remaining</b>		<b>04-Nov-15</b>	<b>28-Dec-15</b>	<b>45</b>							
SIIA13045	Sec II A - CWB A1: Pile head + trough + base & wall + OHVD unit (Bay 1)	04-Nov-15	28-Dec-15	45	0%						
SIIA13048	Sec IIA - CWB A1 : Pile head + trough + base & wall + OHVD (Bay 3)	04-Nov-15	28-Dec-15	45	0%						
<b>CWB A1 - Other Works</b>		<b>20-Sep-15</b>	<b>13-Oct-15</b>	<b>24</b>							
SIIA15500	Zone A2(2) - Public Fill -4.0 to +4.0mPD (behind Type 4 & 13 for temp channel outlet)	20-Sep-15	13-Oct-15	24	0%						
<b>CWB A2(2)</b>		<b>20-Aug-15 A</b>	<b>23-Nov-15</b>	<b>51</b>							
<b>CWB A2 (2) - Dwall &amp; Piling</b>		<b>20-Aug-15 A</b>	<b>23-Nov-15</b>	<b>51</b>							
SIIA13500	Sec II A - CWB A2 : backfill to +4.0mPD	20-Aug-15 A	22-Sep-15	2	90%						
SIIA15260	Sec II A - CWB A2 : Predrilling for Dwall & piles	11-Sep-15 A	09-Nov-15	39	2%						
SIIA15280	Sec II A - CWB A2 : Ground treatment	21-Sep-15	09-Nov-15	40	0%						
SIIA15300	Sec II A - CWB A2 : construct Guide Wall	30-Sep-15	17-Nov-15	40	0%						
SIIA15420	Sec II A - CWB A2 Loading Test for Prebored H-pile	30-Oct-15	23-Nov-15	20	0%						
<b>CWB B (&amp; A2(1))</b>		<b>30-Apr-15 A</b>	<b>11-Dec-15</b>	<b>67</b>							
<b>CWB B - Dwall &amp; Piling</b>		<b>30-Apr-15 A</b>	<b>06-Nov-15</b>	<b>37</b>							
SIIA11540	Sec II A - CWB B (&A2(1)) : Construct pre-bored H-pile	30-Apr-15 A	22-Sep-15	1	98%						
SIIA11560	Sec II A - CWB B: Concrete Plug (MTR TWL)	15-Jun-15 A	06-Nov-15	37	40.32%						

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Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2015					2016
						Sep	Oct	Nov	Dec	Jan	
SIIA11565	Sec II A - CWB B: Sheetpile Bulkhead Wall for "Delink"	29-Sep-15	26-Oct-15	21	0%						
<b>CWB B - Pumping Test Preparation</b>		13-Jun-15 A	11-Dec-15	67							
SIIA11580	Sec II A - CWB B: Dwall sonic test / interface core	13-Jun-15 A	30-Oct-15	31	48.33%						
SIIA11600	Sec II A - CWB B: Dwall precaution grout / fissure grout / grout curtain	13-Jun-15 A	30-Oct-15	31	48.33%						
SIIA11620	Sec II A - CWB B: Install dewatering/ recharging/ observation well	14-Jul-15 A	04-Nov-15	35	12.5%						
SIIA11640	Sec II A - CWB B: Pumping Test	06-Nov-15	14-Nov-15	7	0%						
SIIA11660	Sec II A - CWB B: Demolish Guide Wall	06-Nov-15	11-Dec-15	30	0%						
<b>CWB C (W)</b>		16-Jun-15 A	02-Dec-15	60							
<b>CWB C(W) - Dwall Construction</b>		16-Jun-15 A	24-Nov-15	53							
SIIA11960	Sec II A - CWB CW: Concrete Plug (MTR TWL)	16-Jun-15 A	24-Nov-15	53	14.52%						
SIIA11980	Sec II A - CWB CW: D-wall contact grout / fissure grout	21-Sep-15*	09-Nov-15	40	0%						
SIIA12000	Sec II A - CWB CW: Dwall sonic test / interface core	21-Sep-15	09-Nov-15	40	0%						
<b>CWB C(W) - Pumping Test Preparation/ Pumping Test</b>		21-Sep-15	02-Dec-15	60							
SIIA12020	Sec II A - CWB CW: Install dewatering/ recharging/ observation wells	21-Sep-15	09-Nov-15	40	0%						
SIIA12040	Sec II A - CWB CW: Pumping Test	25-Nov-15	02-Dec-15	8	0%						
<b>CWB C (E)</b>		30-Mar-15 A	28-Oct-15	30							
<b>CWB C(E) &amp; Enabling Work - Dwall Construction</b>		30-Mar-15 A	28-Oct-15	30							
<b>CWB C(E) - Dwall Construction</b>		30-Mar-15 A	08-Oct-15	14							
SIIA12980	Sec II A - CWB CE: ground pre-treatment	30-Mar-15 A	08-Oct-15	14	79%						
<b>SCL Enabling Work - Dwall Construction</b>		21-Sep-15	28-Oct-15	30							
SIIA13085	Sec II A - CWB CE: Cut existing pipe piles (2 nos.)	21-Sep-15	28-Oct-15	30	0%						
<b>CWB D - Slip Road 1</b>		17-Jan-15 A	25-Nov-15	54							
<b>CWB D - Slip Road 1 - Dwall Construction &amp; Piling</b>		17-Jan-15 A	14-Nov-15	45							
SIIA12260	Sec II A - CWB SR1: ground pre-treatment	17-Jan-15 A	05-Oct-15	11	90.83%						
SIIA12305	Sec II A - CWB SR1: construct Permanent DWall (1.2m thk)	07-Apr-15 A	15-Oct-15	20	79%						
SIIA12310	Sec II A - CWB SR1: construct pre-bored H-pile	20-Aug-15 A	11-Nov-15	41	2%						
SIIA12340	Sec II A - CWB SR1: Concrete Plug (MTR TWL)	07-Oct-15	14-Nov-15	32	0%						
<b>CWB D - Slip Road 1 - Pumping Test Preparation/ Pumping Test</b>		22-Sep-15	25-Nov-15	52							
SIIA12360	Sec II A - CWB SR1: Grout curtain / contact grout for Dwall	22-Sep-15	09-Nov-15	38	0%						
SIIA12380	Sec II A - CWB SR1: Dwall sonic test / interface core	22-Sep-15	09-Nov-15	38	0%						
SIIA12400	Sec II A - CWB SR1: Install dewatering/ recharging/ observation wells	30-Sep-15	16-Nov-15	38	0%						
SIIA12420	Sec II A - CWB SR1: Pumping Test	16-Nov-15	25-Nov-15	8	0%						
<b>Section VI A - Box Culvert La, L1 &amp; FRP-L Construction</b>		21-Sep-15	30-Nov-15	58							
<b>Sec VI C - Box Culvert La bay 4 (North)</b>		21-Sep-15	30-Nov-15	58							
CUL11652	Sec VI C - Culvert L - bay 4 (north half) - excavate to formation level	21-Sep-15	13-Oct-15	18	0%						
CUL11655	Sec VI C - Culvert L - bay 4 (north half) - place granular fill and lay geotextile filter	14-Oct-15	26-Oct-15	10	0%						
CUL11660	Sec VI C - Culvert L - bay 4 - backfill	27-Oct-15	30-Nov-15	30	0%						

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Central -Wan Chai Bypass at Wan Chai West

Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2015					2016
						Sep	Oct	Nov	Dec	Jan	
<b>Box Culvert L1 &amp; FRP-L Construction (Bay 5 - Bay 7)</b>		21-Sep-15	21-Dec-15	76							
<b>Box Culvert L1 &amp; FRP-L - Bay 5 to 7 Structure</b>		21-Sep-15	23-Oct-15	26							
<b>Box Culvert L1 &amp; FRP-L - Precast Unit Installation</b>		21-Sep-15	23-Oct-15	26							
CUL10874	Sec VI C - Culvert L - bay 5-7 - Demolition of Temp Platform & Cofferdam ready for towing precast culvert units	21-Sep-15	06-Oct-15	12	0%						
CUL10875	Sec VI C - Culvert L - bay 5-7 ( & Bay 4b) - install precast culvert units & Touch Up	07-Oct-15	23-Oct-15	14	0%						
<b>Box Culvert L1 &amp; FRP-L - Bay 5 &amp; 6 Backfill &amp; Others</b>		24-Oct-15	21-Dec-15	50							
CUL10878	Sec VI C - Culvert L - bay 5, 6 - backfill to +4.0mPD	24-Oct-15	09-Dec-15	40	0%						
CUL10879	Sec VI C - Culvert L - bay 5, 6 - trim to formation level and handover Area 6	10-Dec-15	21-Dec-15	10	0%						
<b>Box Culvert L1 &amp; FRP-L - Bay 9 to 11</b>		21-Sep-15	02-Dec-15	60							
<b>Box Culvert L1 &amp; FRP-L - Bay 9-11 Others</b>		21-Sep-15	02-Dec-15	60							
CUL12020	Culvert L - bay 9-11 - backfill from top slab to final formation level	21-Sep-15	02-Dec-15	60	0%						
<b>Box Culvert L1 &amp; FRP-L - Bay 12 to 13</b>		03-Jun-15 A	14-Dec-15	70							
<b>Box Culvert L1 &amp; FRP-L - Bay 12 to 13 Piling</b>		21-Sep-15	28-Oct-15	30							
CUL12356	Culvert L - bay 13 - construct pre-bored H-pile (PC10 & PC11)	21-Sep-15*	28-Oct-15	30	0%						
<b>Box Culvert L1 &amp; FRP-L - Bay 12 to 13 Temp Work &amp; ELS</b>		03-Jun-15 A	02-Dec-15	60							
CUL12385	Culvert L - bay 12 - ELS and bulk excavation & Dwall Break Through Ready for Diversion	03-Jun-15 A	07-Oct-15	13	0%						
CUL12405	Culvert L - bay 12 & 13 - extract sheet piles ready for flow diversion (from Bay 4 to Bay 11)	07-Oct-15	10-Oct-15	4	0%						
CUL12480	Culvert L - bay 12 & 13 - pile head treatment and construct pile cap PC9, PC10 & PC11	29-Oct-15	02-Dec-15	30	0%						
<b>Box Culvert L1 &amp; FRP-L - Bay 12 to 13 Structure</b>		21-Sep-15	14-Dec-15	70							
CUL12545	Culvert L - bay 12 & 13 - Construct Precast Units (off site)	21-Sep-15*	02-Dec-15	60	0%						
CUL12548	Culvert L - bay 12 & 13 - Deliver and Install Precast Units	03-Dec-15	14-Dec-15	10	0%						
<b>Section VI C - Area 3, 6, 8A &amp; 8C</b>		01-Jan-15 A	19-Dec-15	75							
<b>Area 8A &amp; 8C - Seawall Modification</b>		30-May-15 A	03-Dec-15	61							
<b>Modification of Seawall</b>		30-May-15 A	03-Dec-15	61							
<b>Modification of Seawall - Zone 1 &amp; 2</b>		30-May-15 A	03-Dec-15	61							
PRS10043	Sec VIC - Pipe Pile P32 to P62	30-May-15 A	23-Sep-15	3	50%						
PRS10044	Sec VIC - P33, P33A, P34, P34A, P35, P35A	20-Aug-15 A	06-Oct-15	12	50%						
PRS10060	Sec VIC - Working Platform & P7 to P18, P23 & P24, P20A & P19	07-Oct-15	25-Nov-15	42	0%						
PRS10080	Sec VIC - Working Platform & P59, P59A, P60, P60A, P62, P62A	27-Oct-15	03-Dec-15	32	0%						
<b>Modification of Seawall - Zone 4</b>		23-Sep-15	27-Oct-15	26							
PRS10160	Sec VIC - Working Platform (Zone 4)	23-Sep-15	05-Oct-15	8	0%						
PRS10180	Sec VIC - Pipe Pile P63 to P68 & P64A (Zone 4)	05-Oct-15	27-Oct-15	18	0%						
<b>Area 6 - Box Culvert bay 5-6</b>		18-Apr-15 A	27-Nov-15	56							
SVIC10000	Sec VI C - [Summary] Construct Box Culvert Bay 5-6	18-Apr-15 A	23-Oct-15	26	71.74%						
SVIC10020	Sec VI C - backfill to formation level at Area 6	24-Oct-15	27-Nov-15	30	0%						
<b>Area 3 - Box Culvert bay 4 and Roadwork</b>		01-Jan-15 A	19-Dec-15	75							
SVIC10220	Sec VI C - [Summary] Construct Box Culvert Bay 4 in Area 3	01-Jan-15 A	26-Oct-15	28	60%						

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Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2015				2016
						Sep	Oct	Nov	Dec	Jan
SVIC10240	Sec VI C - reinstate and compact sub-base above Culvert L Bay 4 in Area 3	01-Dec-15	08-Dec-15	7	0%					
SVIC10260	Sec VI C - reinstate road kerb in Area 3	01-Dec-15	07-Dec-15	6	0%					
SVIC10280	Sec VI C - reinstate flexible pavement in Area 3	08-Dec-15	14-Dec-15	6	0%					
SVIC10300	Sec VI C - reinstate footpath in Area 3	15-Dec-15	19-Dec-15	5	0%					
SVIC10320	Sec VI C - reinstate traffic sign and road marking in Area 3	19-Dec-15	19-Dec-15	1	0%					
<b>Section VI D - Area 8B &amp; 10</b>		27-Sep-15	24-Dec-15	73						
<b>WDII Box 1 Construction</b>		27-Sep-15	24-Dec-15	73						
<b>WDII Box 1 Submission and Approval / Material Procurement</b>		27-Sep-15	25-Nov-15	60						
PCU60410	Sec VI D - WD II Box 1 - Prepare Subcontract for Box 1 structure	27-Sep-15	25-Nov-15	60	0%					
<b>WDII Box 1 Existing Pile Head and Dry Dock</b>		24-Oct-15	24-Dec-15	53						
WD-C3030	Sec VI D - form dry dock / waterproofing for Box 1 structure	24-Oct-15	15-Dec-15	45	0%					
<b>WDII Box 1 Existing Pile Head Treatment</b>		03-Dec-15	24-Dec-15	18						
PRS10255	Sec VIC - Mobilisation	03-Dec-15	10-Dec-15	6	0%					
PRS10260	Sec VIC - Pile Head at Pile A3	10-Dec-15	24-Dec-15	12	0%					
<b>Section VII - Remainder Works</b>		21-Sep-15	30-Nov-15	58						
<b>Demolition of Interim Landing Steps and Construct Permanent Seawall at CRIII</b>		21-Sep-15	30-Nov-15	58						
SVII10220	Sec VII - remove interim landing steps - protect open cut slope	21-Sep-15	22-Sep-15	2	0%					
SVII10240	Sec VII - remove interim landing steps - remove old seawall wall blocks	23-Sep-15	30-Sep-15	6	0%					
SVII10260	Sec VII - seawall - remove old rubble mound and dredging	02-Oct-15	08-Oct-15	6	0%					
SVII10280	Sec VII - seawall - final hydrographic survey	09-Oct-15	16-Oct-15	7	0%					
SVII10300	Sec VII - seawall - [summary] fill rubble mound	17-Oct-15	23-Nov-15	31	0%					
SVII10320	Sec VII - seawall - [summary] place caisson seawall type 1B(4), 2D and 1	09-Nov-15	30-Nov-15	19	0%					

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

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China State Construction Engineering (Hong Kong) Ltd

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**WORKS PROGRAMME REV. M**

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

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

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
A-6012	Submission of performance report	7d/wk-2	1d	25-Oct-14 08*	25-Oct-14 18	-286d													
A-6020	Erection of working platform for jetty beams and reinstate the floating portoon	7d/wk-2	10d	02-Nov-14 08	11-Nov-14 18	-352d													
A-6040	BA10 submission for authorized signatory and subcontractor	7d/wk-2	1d	12-Nov-14 08	12-Nov-14 18	-304d													
A-6030	Jetty beams construction	7d/wk-2	14d	12-Nov-14 08	25-Nov-14 18	-352d													
A-6052	Construction of floating pontoon	7d/wk-2	14d	26-Nov-14 08	09-Dec-14 18	-331d													
A-6050	BA13 submission + 14-day cube test results	7d/wk-2	28d	26-Nov-14 08	23-Dec-14 18	-352d													
A-6060	E&M and accessories installation	7d/wk-2	7d	24-Dec-14 08	30-Dec-14 18	-352d													
A-6070	Handover to RHKYC	7d/wk-2	1d	31-Dec-14 08	31-Dec-14 18	-352d													
<b>Stage 11 - Construction of TZ4</b>																			
A-6080	South side - laying rockfill and levelling stone (Qty: 1,550 cu.m)	7d/wk-2	12d	24-Sep-14 08	05-Oct-14 18	-339d													
A-6090	South side - install seawall blocks (Qty: 255 nos.)	7d/wk-2	6d	06-Oct-14 08	11-Oct-14 18	-339d													
A-7000	South side - general fill (Qty: 2,000 cu.m.)	7d/wk-2	2d	12-Oct-14 08	13-Oct-14 18	-339d													
A-7010	North side - laying rockfill and levelling stone (Qty: 1,550 cu.m)	7d/wk-2	12d	21-Oct-14 08	01-Nov-14 18	-346d													
A-7020	North side - install seawall blocks (Qty: 255 nos.)	7d/wk-2	6d	02-Nov-14 08	07-Nov-14 18	-346d													
A-7030	North side - general fill (Qty:2,000 cu.m.)	7d/wk-2	2d	08-Nov-14 08	09-Nov-14 18	-346d													
A-7040	Handover to contract TS3/SR8	7d/wk-2	1d	10-Nov-14 08	10-Nov-14 18*	-346d													
<b>TS4/ME4, Removal of Temporary Reclamation</b>																			
S26875	Completion of Section 2 (With ME4 option) (KD7)	7d/wk-2	0d		17-Nov-14 18	-353d													
S26890	Completion of Section 7B (ME4) (KD13)	7d/wk-2	0d		17-Nov-14 18	-353d													
<b>TS4 - OHVD / Cable Trough</b>																			
S5_6185	TS4 (incl. TS4+) - OHVD Slab - Area C (access through temp. opening at TZ4)	7d/wk-1	36d	02-Jan-15 08*	06-Feb-15 18	195d													
S5_6190	TS4 (incl. TS4+) - Cable Trough (access through temp. opening at TZ4)	7d/wk-1	60d	07-Feb-15 08*	14-Apr-15 18	195d													
S5_59850	Completion of Section 5 - TS4/ME4 Area (KD10), below -20mPD	7d/wk-2	0d		02-Nov-15 18*	0d													
<b>Works in TPCWAE Area (Portion 20A, 20B)</b>																			
<b>Removal of Temporary Reclamation</b>																			
<b>Removal of Temporary Reclamation &amp; Form TZ5</b>																			
S87670	Remove general fill /sea wall block	7d/wk-1	24d	20-May-14 08A	08-Oct-14 18	-296d													
S87675	Diaphragm wall saw cutting (1st D Wall cut on 23 Jun 2014)	7d/wk-1	31d	03-Sep-14 08A	16-Oct-14 18	-306d													
S87755	Form TZ5	7d/wk-1	18d	25-Sep-14 08	14-Oct-14 18	-304d													

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China State Construction Engineering (Hong Kong) Ltd  
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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
S67885	Achievement of KD5	7d/wk-2	0d		16-Oct-14 18	-323d													
S67887	Complete Reinstatement of Vertical Seawall (near PRE Office)	7d/wk-2	0d		27-Oct-14 18	-322d													
<b>Reinstate Mucking Out Access Shaft "C"</b>																			
S67240	Start reinstatement works (after completion of TPCWAW OHVD works)	6d/wk	0d	28-Mar-16 08		-102d													
S67225	Cast slab opening at top of CCT West bound (access shaft)	6d/wk	18d	28-Mar-16 08	16-Apr-16 18	-102d													
S67230	Removal of vertical shaft and backfilling	6d/wk	48d	11-Apr-16 08	04-Jun-16 18	-102d													
S67235	Reinstatement of pavement	6d/wk	12d	30-May-16 08	11-Jun-16 18	-102d													
<b>TPCWAE - OHVD / Cable Trough</b>																			
S5_7405	TPCWAE - Cable Trough (access through temp. opening at TZ5 & Portion 19)	6d/wk	48d	04-Sep-15 08	02-Nov-15 18	0d													
S5_7400	TPCWAE - OHVD Slab AT Area A (access through temp. opening at TZ5 & Portion 19)	6d/wk	48d	04-Sep-15 08	02-Nov-15 18	0d													
S5_59840	Completion of Section 5 - TPCWAE Area (KD10), below -20mPD	7d/wk-2	0d		02-Nov-15 18*	0d													
<b>Works in TPCWAW Area</b>																			
<b>TPCWAW - Temporary Reclamation</b>																			
<b>Temporary Reclamation -</b>																			
S6_9440	TPCWAW - place levelling stone and tamping, South side	7d/wk-1	6d	15-Oct-14 08	20-Oct-14 18	-122d													
S6_9450	TPCWAW - place seawall block to +4 at South side (Qty: 569 nos. @ 50 nos/day)	7d/wk-1	12d	21-Oct-14 08	01-Nov-14 18	-122d													
S6_9465	TPCWAW - place levelling stone and tamping, North side	7d/wk-1	6d	02-Nov-14 08	07-Nov-14 18	-122d													
S6_9470	TPCWAW - place seawall blocks to +4 North side (Qty:672 nos @ 50 nos/day)	7d/wk-1	14d	08-Nov-14 08	21-Nov-14 18	-122d													
S6_9495	TPCWAW - General fill to +2 within the seawall	7d/wk-1	17d	15-Nov-14 08	01-Dec-14 18	-122d													
S6_9490	TPCWAW - place seawall blocks to +4 at the temporary opening	7d/wk-1	7d	02-Dec-14 08	08-Dec-14 18	-122d													
S6_9475	TPCWAW - Remaining General fill to +4 within the seawall	7d/wk-1	10d	09-Dec-14 08	18-Dec-14 18	-122d													
<b>TPCWAW - Diaphragm Wall</b>																			
<b>Diaphragm Wall</b>																			
S6_9385	Site investigation	7d/wk-1	49d	01-Dec-14 08	21-Jan-15 18	-113d													
S6_8960	Install guide wall	7d/wk-1	40d	17-Dec-14 08	28-Jan-15 18	-120d													
S6_8955	Curtain grout along proposed diaphragm wall	7d/wk-1	40d	19-Dec-14 08	30-Jan-15 18	-122d													
S6_9382	Set up bentonite silo/plants and equipments	7d/wk-1	30d	19-Dec-14 08	20-Jan-15 18	-112d													
S6_9345	Diaphragm wall construction (34 panels @ 3 panels/ week)	7d/wk-1	68d	30-Jan-15 08	14-Apr-15 18	-141d													
S6_9350	Install shear pins on diaphragm wall	7d/wk-1	40d	14-Mar-15 08	26-Apr-15 18	-133d													

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

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3																				
S6_9070	TPCWAW Construct tunnel base slab	7d/wk-1	50d	23-Oct-15 08	11-Dec-15 18	-141d						TPCWAW Construct tunnel base slab																						
S6_9075	TPCWAW Construct tunnel wall + OHVD + roof slab	7d/wk-1	80d	13-Nov-15 08	02-Feb-16 18	-141d						TPCWAW Construct tunnel wall + OHVD +																						
S6_9077	TPCWAW - external waterproofing on top of completed CCT box (incl. screeding)	7d/wk-1	26d	03-Feb-16 08	28-Feb-16 18	-120d						TPCWAW - external waterproofing or																						
S6_9076	TPCWAW King post load transfer	7d/wk-1	26d	03-Feb-16 08	28-Feb-16 18	-120d						TPCWAW King post load transfer																						
<b>TPCWAW - Removal of Temporary Reclamation</b>																																		
<b>Removal of Temporary Reclamation</b>																																		
S6_9140	Backfilling/Removal of ELS/ Reinstatement of sea wall at Portion 11 (concurrent activities)	7d/wk-1	30d	17-Feb-16 08	17-Mar-16 18	-120d						Backfilling/Removal of ELS/ Reinsta																						
S6_9105	Remove general fill/ seawall block (concurrent activities)	7d/wk-1	25d	06-Mar-16 08	30-Mar-16 18	-120d						Remove general fill/ seawall bloc																						
S6_9120	Saw cut diaphragm wall	7d/wk-1	63d	21-Mar-16 08	23-May-16 18	-120d						Saw cut diaphragm w																						
S6_7550	Completion of Section 6- (KD11), above -20mPD	7d/wk-2	0d		23-May-16 18	-121d						Completion of Section																						
<b>TPCWAW -Cable Trough/ Maintenance Walkway</b>																																		
S6_9085	TPCWAW - Cable Trough (access through temp. opening at Portion 19)	7d/wk-2	24d	02-Mar-16 08	25-Mar-16 18	-144d						TPCWAW - Cable Trough (access																						
S6_9135	Completion of Section 5 - TPCWAW Area (KD10), below -20mPD	7d/wk-2	0d		25-Mar-16 18	-144d						Completion of Section 5 - TPCWA																						
<b>Works in Wan Chai PCWA (Portion 11)</b>																																		
<b>Initial Works &amp; Utilities Works</b>																																		
S4_2810	Installation of Hoarding	7d/wk-1	24d	05-May-14 08 A	17-Oct-14 18	-58d						Installation of Hoarding																						
S4_2720	Remove existing rock mound	7d/wk-1	24d	21-Oct-14 08	13-Nov-14 18	-61d						Remove existing rock mound																						
S4_2750	Carry out Site Investigation for BW1/BW2	7d/wk-1	12d	21-Oct-14 08	01-Nov-14 18	-61d						Carry out Site Investigation for BW1/BW2																						
S4_2755	BW1/BW2 Engineers confirmation of provisional Barrettes	7d/wk-1	0d		07-Nov-14 18	-61d						BW1/BW2 Engineers confirmation of provisional Barrettes																						
<b>Allow Access to WDII</b>																																		
S4_2785	Complete Section 4 - Portion 11 (KD9)	7d/wk-2	0d		10-Nov-15 18	-132d						Complete Section 4 - Portion 11 (KD9)																						
S4_2775	Return Portion 11 to WDII	7d/wk-1	0d		10-Nov-15 18	-129d						Return Portion 11 to WDII																						
<b>Works for Mined Tunnel (Portion 16, 17, 18)</b>																																		
<b>SR8 (Tunnel Excavation + Lining)</b>																																		
<b>From West (TPCWAE)</b>																																		
<b>Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)</b>																																		
A8676	SR8 Heading Excavation From West, CH 4095- 4107 = 8m @2d/m	7d/wk-1a	16d	03-Sep-14 08 A	28-Sep-14 18	164d						SR8 Heading Excavation From West, CH 4095- 4107 = 8m @2d/m																						
<b>Bench Excavation (1.5d-2d/m, 20m separation with heading)</b>																																		
A8700	SR8 Bench Excavation From West, CH 4055- 4065 = 10m	7d/wk-1a	20d	08-Sep-14 08 A	24-Sep-14 18	148d						SR8 Bench Excavation From West, CH 4055- 4065 = 10m																						
<p>Summary Bar</p> <p>Actual Level of Effort</p> <p>Actual Work</p> <p>Remaining Work</p> <p>Critical Remaining Work</p> <p>Milestone</p>							<p>6 of 18</p> <p>China State Construction Engineering (Hong Kong) Ltd</p> <p>Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel ( Causeway Bay Typhoon Shelter Section)</p> <p><b>WORKS PROGRAMME REV. M</b></p>				<p>Prepared by William Caluza</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Revision</th> <th>Checked</th> <th>Approved</th> </tr> </thead> <tbody> <tr> <td>26-Sep...</td> <td>1st submission</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Date	Revision	Checked	Approved	26-Sep...	1st submission											 <p><b>中國建築工程(香港)有限公司</b> CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.</p>			
Date	Revision	Checked	Approved																															
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Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016								
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
A8705	SR8 Bench Excavation From West, CH 4065- 4075 = 10m	7d/wk-1a	20d	25-Sep-14 08	15-Oct-14 18	148d													
A8685	SR8 Bench Excavation From West, CH 4075- 4085 = 10m	7d/wk-1a	20d	16-Oct-14 08	04-Nov-14 18	148d													
A8680	SR8 Bench Excavation From West, CH 4085- 4095 = 10m	7d/wk-1a	20d	05-Nov-14 08	24-Nov-14 18	148d													
A8725	SR8 Bench Excavation From West, CH 4095- 4100 = 5m	7d/wk-1a	10d	25-Nov-14 08	04-Dec-14 18	148d													
<b>From East (TS4)</b>																			
Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																			
A8495	SR8 Heading Excavation From East CH 4115- 4107 = 8m @2d/m	7d/wk-1a	16d	15-Sep-14 08 A	28-Sep-14 18	10d													
Bench Excavation (1.5d/m, 20m separation with heading)																			
A8455	SR8 Bench Excavation From East, CH 4147.5- 4135 = 12.5m	7d/wk-1a	19d	20-Sep-14 08	09-Oct-14 18	0d													
A8470	SR8 Bench Excavation From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	10-Oct-14 08	24-Oct-14 18	0d													
A8460	SR8 Bench Excavation From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	25-Oct-14 08	08-Nov-14 18	0d													
A8465	SR8 Bench Excavation From East, CH 4115- 4100 = 15m	7d/wk-1a	23d	09-Nov-14 08	01-Dec-14 18	0d													
<b>Tunnel Lining Works</b>																			
From West - Base Slab (10m/bay, 10m separation with benching excavation)																			
A8525	SR8, From West, CH 4015 - 4025 = 10m/bay, base slab	7d/wk-1a	10d	15-Sep-14 08 A	04-Oct-14 18	137d													
A8530	SR8, From West, CH 4025 - 4035 = 10m/bay, base slab	7d/wk-1a	10d	05-Oct-14 08	14-Oct-14 18	163d													
A8535	SR8, From West, CH 4035 - 4045 = 10m/bay, base slab	7d/wk-1a	8d	15-Oct-14 08	22-Oct-14 18	165d													
A8540	SR8, From West, CH 4045 - 4055 = 10m/bay, base slab	7d/wk-1a	8d	23-Oct-14 08	30-Oct-14 18	165d													
A8545	SR8, From West, CH 4055 - 4065 = 10m/bay, base slab	7d/wk-1a	8d	05-Nov-14 08	12-Nov-14 18	160d													
A8550	SR8, From West, CH 4065 - 4075 = 10m/bay, base slab	7d/wk-1a	8d	25-Nov-14 08	02-Dec-14 18	148d													
A8555	SR8, From West, CH 4075 - 4085 = 10m/bay, base slab	7d/wk-1a	8d	05-Dec-14 08	12-Dec-14 18	148d													
A8560	SR8, From West, CH 4085 - 4095 = 10m/bay, base slab	7d/wk-1a	8d	13-Dec-14 08	20-Dec-14 18	150d													
A8561	SR8, From West, CH 4095 - 4105 = 10m/bay, base slab	7d/wk-1a	8d	21-Dec-14 08	29-Dec-14 18	152d													
A8562	SR8, From West, CH 4105 - 4115 = 10m/bay, base slab	7d/wk-1a	8d	30-Dec-14 08	07-Jan-15 18	154d													
From West - Lining (5m/bay, 10m separation with base slab)																			
A8575	SR8, From West, CH 3995 - 4000 = 1bay, lining	7d/wk-1a	9d	20-Sep-14 08	28-Sep-14 18	0d													
A8580	SR8, From West, CH 4000 - 4005 = 1bay, lining	7d/wk-1a	9d	05-Oct-14 08	13-Oct-14 18	137d													
A8585	SR8, From West, CH 4005 - 4010 = 1bay, lining	7d/wk-1a	9d	14-Oct-14 08	22-Oct-14 18	137d													
A8590	SR8, From West, CH 4010 - 4015 = 1bay, lining	7d/wk-1a	9d	23-Oct-14 08	31-Oct-14 18	137d													

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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



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

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

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

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

**WORKS PROGRAMME REV. M**

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





Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016						
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
<b>OHVD(10m/bay) / Utility Trough</b>																	
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											
<b>WB Outer Tunnel Excavation</b>																	
<b>From West (TPCWAE)</b>																	
<b>Outer Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)</b>																	
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											
<b>Outer Bench Excavation (1.5d-2d/m, 20m separation with heading)</b>																	
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											
<b>From East (TS4)</b>																	
<b>Outer Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)</b>																	
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											
<b>Outer Bench Excavation (1.5d-2d/m, 20m separation with heading)</b>																	
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											
<b>WB (Inner Tunnel Excavation + Lining)</b>																	
<b>From West (TPCWAE)</b>																	
<b>Inner Heading Excavation (2-3d/m, 24h/day work shift, 7d/week, no work on statutory holiday)</b>																	
A9130	WB, Inner Heading From West, CH 3993- 4005 = 12m @3d/m	7d/wk-1a	50d	29-Sep-14 08	18-Nov-14 18	0d											
A9135	WB, Inner Heading From West, CH 4005- 4015 = 10m @2d/m	7d/wk-1a	20d	19-Nov-14 08	08-Dec-14 18	0d											
A9140	WB, Inner Heading From West, CH 4015- 4025 = 10m @2d/m	7d/wk-1a	20d	09-Dec-14 08	29-Dec-14 18	0d											

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

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

**WORKS PROGRAMME REV. M**

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



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

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

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

- Summary Bar
- ▬ Actual Level of Effort
- ▬ Actual Work
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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 Kaluza			
Date	Revision	Checked	Approved
26-Sep...	1st submission		



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

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

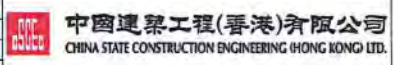
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China State Construction Engineering (Hong Kong) Ltd

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

**WORKS PROGRAMME REV. M**

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



Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
SB_5280	Provide access to CWB (CC) Contractor- TS4, TPCWA, Mined Tunnel	7d/wk-2	0d		31-Mar-16 18*	-124d								◆ Provide access to CWB (CC) C
<b>Stage and Section Completion</b>														
KD_5735	KD8 - Completion of Section 3, (1326d)	7d/wk-2	0d		30-Sep-14 18*	-86d	◆ KD8 - Completion of Section 3, (1326d)							
KD_5720	KD5 - Achievement of Stage 5, (1152d)	7d/wk-2	0d		16-Oct-14 18*	-323d	◆ KD5 - Achievement of Stage 5, (1152d)							
KD_5760	KD13 - Completion of Section 7B, (1152d)	7d/wk-2	0d		17-Nov-14 18*	-353d	◆ KD13 - Completion of Section 7B, (1152d)							
KD_5730	KD7 - Completion of Section 2, (1152d)	7d/wk-2	0d		17-Nov-14 18*	-297d	◆ KD7 - Completion of Section 2, (1152d)							
KD_5740	KD9 - Completion of Section 4, (1739d)	7d/wk-2	0d		10-Nov-15 18*	-132d							◆ KD9 - Completion of Section 4, (1739d)	
KD_5745	KD10 - Completion of Section 5, (1863d)	7d/wk-2	0d		25-Mar-16 18	-144d							◆ KD10 - Completion of Section 5, (	
KD_5750	KD11 - Completion of Section 6, (1949d)	7d/wk-2	0d		23-May-16 18*	-121d							◆ KD11 - Completion of	
<b>Portion Handover Date</b>														
CD_5685	Portion Handover - Portion IV(4), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion IV(4), KD8 +28							
CD_5680	Portion Handover - Portion V (5), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion V (5), KD8 +28							
CD_5695	Portion Handover - Portion VI (6), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion VI (6), KD8 +28							
CD_5735	Portion Handover - Portion XIII (13B), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion XIII (13B), KD8 +28							
CD_5790	Portion Handover - Portion XXII (22), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion XXII (22), KD8 +28							
CD_5670	Portion Handover - Portion III (3), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion III (3), KD8 +28							
CD_5720	Portion Handover - Portion XIII (13A), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XIII (13A), KD7 +28							
CD_5705	Portion Handover - Portion VIII (8), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion VIII (8), KD7 +28							
CD_5730	Portion Handover - Portion XIV (14A), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XIV (14A), KD7 +28							
CD_5740	Portion Handover - Portion XV (15), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XV (15), KD7 +28							
CD_5805	Portion Handover - Portion XXIII (23), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XXIII (23), KD7 +28							
CD_5775	Portion Handover - Portion XVIII (18), KD10 +28	7d/wk-2	0d		30-Nov-15 18*	0d							◆ Portion Handover - Portion XVIII (18), KD10 +28	
CD_5710	Portion Handover - Portion XI (11), KD9 +28	7d/wk-2	0d		27-Dec-15 18*	0d							◆ Portion Handover - Portion XI (11), KD9 +28	
CD_5700	Portion Handover - Portion IX (9), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5745	Portion Handover - Portion XIV (14B), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5755	Portion Handover - Portion XVI (16), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5750	Portion Handover - Portion XVII (17), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5760	Portion Handover - Portion XIX (19), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5780	Portion Handover - Portion XX (20B), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	

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

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China State Construction Engineering (Hong Kong) Ltd

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

**WORKS PROGRAMME REV. M**

Prepared by William Caluza

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



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

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

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

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China State Construction Engineering (Hong Kong) Ltd

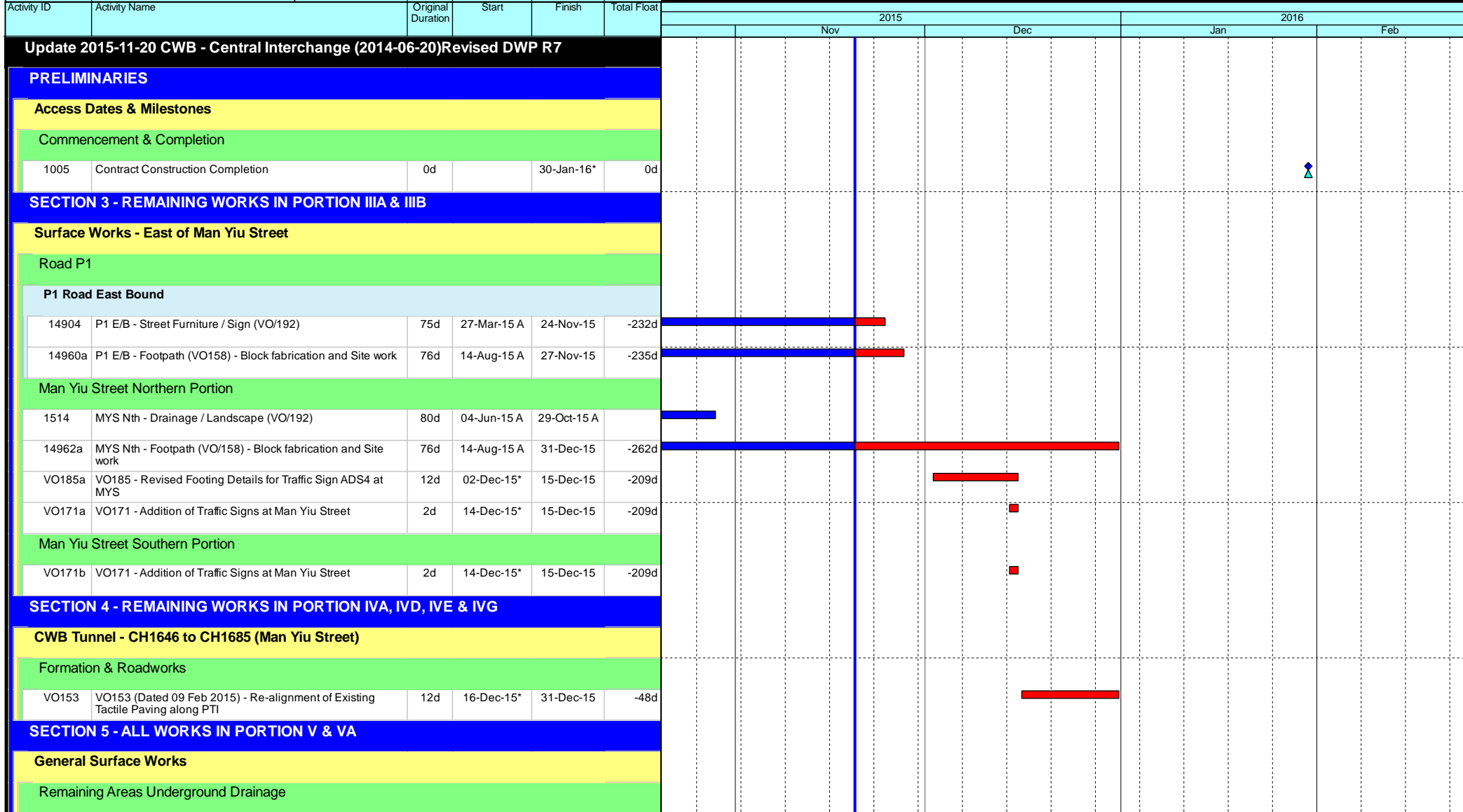
Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel ( Causeway Bay Typhoon Shelter Section)

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



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

**Leighton Contractors (Asia) Limited**  
**Programme Update 62 (November 2015)**  
**THREE MONTH ROLLING**

Project ID: U062  
 Baseline: DCP7-2c  
 Layout: Update Three Month Rolling U062  
 Page 1 of 5

Date	Revision	Checked	Appro...
20-Oct-15	U061	AT	AL
20-Nov-15	U062	AT	AL

Data Date: 20-Nov-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				2016			
						Nov		Dec		Jan		Feb	
						Actual	Remaining	Actual	Remaining	Actual	Remaining	Actual	Remaining
14976	Area X (excluding construction of Foul & Storm Drain - VO V/21)	37d	16-Sep-15 A	27-Nov-15	-317d								
<b>Remaining Areas Road Works</b>													
14934	Area 7a	37d	16-Sep-15 A	30-Dec-15	-343d								
14936	Area 7b	34d	19-Sep-15 A	30-Dec-15	-84d								
<b>CWB Trough B - CH1360 to CH1480</b>													
<b>Preliminaries</b>													
VO148	VO148 - Revision of Planter between Man Po Street and Finance Street	12d	12-Oct-15 A	25-Nov-15	-19d								
1533	V - Permanent Reinstate Finance Street for TTA6 (Both lanes) - (VO V/021)	26d	16-Nov-15 A	15-Dec-15	-36d								
<b>Trough Structure</b>													
<b>Trough Phase 2a</b>													
1307	TRB - Construction of Foul & Storm Drain (VO V/021) - 19 days delay by CC steel pipe & 6 days inclement weather	98d	20-Apr-15 A	30-Nov-15	-301d								
1309	TRB - Backfill - 2a South Wall (VO V/021) - 19 days delay by CC steel pipe & 6 days inclement weather	92d	27-Apr-15 A	10-Dec-15	-310d								
VO163	VO163 - CCTV Inspection of Existing Downstream Pipe to Manhole SMH7032208	2d	14-Dec-15*	15-Dec-15	-36d								
<b>Trough Internal Works</b>													
2140	TRB - Construct Roadside Service Ducts / Barrier - 19 days delay by CC steel pipe & 6 days inclement weather	71d	20-Apr-15 A	29-Dec-15	-342d								
14982	TRB - Type II railing installation	38d	17-Aug-15 A	15-Dec-15	-36d								
VO174	VO174 - Revised Details of Roadside Barrier at Trough B	12d	16-Dec-15*	31-Dec-15	-48d								
VO177	VO177 - Emergency Access Gate at Trough Structure B	6d	25-Jan-16*	30-Jan-16	-73d								
<b>SECTION 6 - ALL WORKS IN PORTION VI</b>													
<b>Bridge B</b>													
<b>Bridge Furniture &amp; Finishes</b>													
2240	BRB - Road Pavement & Finishes	50d	23-Nov-15*	22-Jan-16	-41d								
<b>General Surface Works</b>													
<b>Formation &amp; Roadworks - Man Kwong Street West Bound</b>													
1783	MKSIVIWB - Roadworks (Ch 275-411)	180d	19-Aug-14 A	28-Nov-15	-53d								

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

## Leighton Contractors (Asia) Limited Programme Update 62 (November 2015) THREE MONTH ROLLING

Project ID: U062  
 Baseline: DCP7-2c  
 Layout: Update Three Month Rolling U062  
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Date	Revision	Checked	Appro...
20-Oct-15	U061	AT	AL
20-Nov-15	U062	AT	AL



Data Date: 20-Nov-15

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

TASK filters: 3 Months\_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2015				2016							
						Nov	Dec	Jan	Feb								
<b>Retaining Wall A</b>																	
2480	RWA - Construct Retaining Wall A - Base Structure	108d	25-Jul-15 A	17-Nov-15 A													
1102	RWA - Construct Retaining Wall A - Wall Structure	108d	08-Aug-15 A	11-Dec-15	-52d												
2490	RWA - Removal of Temporary Works and Backfill to Formation Level	30d	12-Dec-15	19-Jan-16	-52d												
VO196b	VO196 (Dated 24 Jun 2015) - Re-provision of Drainage System for the Construction of Retaining Walls A and B	18d	16-Jan-16*	05-Feb-16	-5d												
<b>Retaining Wall B</b>																	
2630	RWB - Construct Retaining Wall B - Base Structure	60d	03-Aug-15 A	04-Nov-15 A													
1103	RWB - Construct Retaining Wall B - Wall Structure	60d	27-Aug-15 A	02-Jan-16	-44d												
2640	RWB - Removal of Temporary Works & Backfill to Formation Level	30d	03-Dec-15	09-Jan-16	-44d												
VO196a	VO196 (Dated 24 Jun 2015) - Re-provision of Drainage System for the Construction of Retaining Walls A and B	18d	16-Jan-16*	05-Feb-16	-5d												
<b>Formation &amp; Roadworks</b>																	
<b>Irrigation System</b>																	
14918	Area IX	24d	01-Dec-15	30-Dec-15	-102d												
14914	Area VII	24d	31-Dec-15	28-Jan-16	-102d												
14916	Area VIII	24d	20-Jan-16	23-Feb-16	-39d												
14912	Area VI	24d	29-Jan-16	03-Mar-16	-102d												
<b>Underground Drainage</b>																	
1810	Area I / IIb	35d	18-Sep-15 A	30-Dec-15	-78d												
1812	Area IIa	39d	19-Sep-15 A	02-Jan-16	-86d												
VO143	VO143 (Dated 18 Dec 2014) - Connection Down Pipe From Footbridge 4 with Existing Manhole SMH7032196	6d	20-Nov-15*	26-Nov-15	-21d												
VO197	VO197 (Dated 03 Jul 2015) - Inspection of Existing Manholes and Manhole Modification	12d	19-Dec-15*	05-Jan-16	-40d												
14966	Area V	25d	20-Jan-16	24-Feb-16	-52d												
<b>Roadworks</b>																	
VO157	VO157 (Dated 02 Mar 2015) - Modification of Planters next to Man Kat Street RCP with Paving Blocks	11d	19-Oct-15 A	30-Nov-15	44d												
14924	Area 2	48d	07-Nov-15 A	02-Jan-16	-86d												

- Current Milestone
- Critical Remaining Work
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## Leighton Contractors (Asia) Limited Programme Update 62 (November 2015) THREE MONTH ROLLING

Project ID: U062  
Baseline: DCP7-2c  
Layout: Update Three Month Rolling U062  
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Date	Revision	Checked	Appro...
20-Oct-15	U061	AT	AL
20-Nov-15	U062	AT	AL

Data Date: 20-Nov-15

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

TASK filters: 3 Months\_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2015				2016							
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb				
VO205	VO205 (Dated 31 Jul 2015) - Felling and Replacement of Tree No. T2006	2d	14-Nov-15 A	16-Nov-15 A													
VO173	VO173 (Dated 04 May 2015) - Revision of Traffic Sign TS272	1d	20-Nov-15*	20-Nov-15	-70d												
14926	Area 3	48d	02-Dec-15	29-Jan-16	-41d												
VO149	VO149 (Dated 23 Jan 2015) - Inspection Pits at Connaught Road Central	6d	09-Dec-15*	15-Dec-15	37d												
VO189	VO189 (Dated 20 May 2015) - Revised General Arrangement of the Mounting Post for Height Detector	6d	15-Dec-15*	21-Dec-15	-90d												
VO150	VO150 (Dated 03 Jul 2015) - Replacement of Damaged Lattice	18d	22-Dec-15*	14-Jan-16	-90d												
14932	Area 6	24d	20-Jan-16	23-Feb-16	-39d												
14922	Area 1a /Area 1b	24d	29-Jan-16	03-Mar-16	-102d												
14928	Area 4	18d	30-Jan-16	26-Feb-16	-41d												
<b>Bridge A</b>																	
<b>Bridge Furniture &amp; Finishes</b>																	
VO193	VO193 - Revised sign code of traffic sign TS174	0d	31-Dec-15*	31-Dec-15	26d												
<b>Elevated Layby at Rumsey Street Flyover East Bound</b>																	
<b>Bridge Structure</b>																	
1381	RSFLB - Construct Stitch	1d	24-Oct-15 A	24-Oct-15 A													
VO176_1	VO176 (Dated 07 May 2015) / VO190 (Dated 01 Jun 2015) - Rumsey Street Flyover (Noise Permit for night work)	28d	30-Nov-15*	04-Jan-16	-21d												
VO176_1	VO176 (Dated 07 May 15) / VO190 (Dated 01 Jun 15) - Rumsey Street Flyover (Soffit & parapet edge - night work)	15d	30-Nov-15	16-Dec-15	-21d												
VO176_1	VO176 (Dated 07 May 15) / VO190 (Dated 01 Jun 15) - Rumsey Street Flyover (Central Barrier- night work)	72d	30-Nov-15	02-Mar-16	-21d												
VO181	VO181 (Dated 12 May 2015) - Inspection of Base Plate of Existing Gantry GS2(HSN48) at Rumsey Street Flyover	6d	04-Dec-15*	10-Dec-15	41d												
14984	RSFLB - Construction of sign gantries (FADS01)	40d	15-Dec-15*	02-Feb-16	-42d												
<b>SECTION 7, 7A, 7B &amp; 7C - LANDSCAPE ESTABLISHMENT</b>																	
4020	EST - Portion IVD Landscape Establishment	365d	03-Nov-14 A	03-Dec-15	-30d												
4000	EST - Portion IIIA Landscape Establishment	365d	01-Jan-16	30-Dec-16	-328d												
4030	EST - Portion V Landscape Establishment	365d	05-Jan-16	03-Jan-17	-427d												
<b>Key Dates for Completion of Sections</b>																	

- Current Milestone
- Critical Remaining Work
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## Leighton Contractors (Asia) Limited Programme Update 62 (November 2015) THREE MONTH ROLLING

Project ID: U062  
Baseline: DCP7-2c  
Layout: Update Three Month Rolling U062  
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Date	Revision	Checked	Appro...
20-Oct-15	U061	AT	AL
20-Nov-15	U062	AT	AL

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016											
						Nov						Dec						Jan						Feb					
						1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
<b>Contract Required Completion</b>																													
1095	KD12 - Section 7A Complete (DAY-1870)	0d		20-Nov-15*	-16d																								
1105	KD14 - Section 7B Complete (DAY-1870)	0d		20-Nov-15*	-16d																								
1115	KD10 - Section 6 Complete (DAY-1958)	0d		30-Jan-16*	0d																								
1140	KD16 - Section 8 Complete (DAY-1958)	0d		30-Jan-16*	0d																								
1125	KD11 - Section 7 Complete (DAY-1965)	0d		06-Feb-16*	0d																								
<b>Portion Handover Dates</b>																													
<b>Anticipated Handover</b>																													
2960a	Portion IIIA Handover - Remaining (KD3 + 28 days) - (EOT 26.5 days added)	0d		31-Dec-15*	-273d																								

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

### Leighton Contractors (Asia) Limited

### Programme Update 62 (November 2015)

### THREE MONTH ROLLING

Project ID: U062  
 Baseline: DCP7-2c  
 Layout: Update Three Month Rolling U062  
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Date	Revision	Checked	Appro...
20-Oct-15	U061	AT	AL
20-Nov-15	U062	AT	AL

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015														
					September			October			November			December					
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20
<b>3MRP - Sept 2015 to Dec 2015</b>																			
<b>02 - PRE-CONSTRUCTION WORKS</b>																			
<b>02.3 - Method Statement / Shop Drawings</b>																			
0230-1380	MS Landscape Deck Structure - Submission	25	20-Jun-15 A	14-Oct-15	MS Landscape Deck Structure - Submission														
0230-1390	MS Landscape Deck Structure - ER Review & Comment	28	15-Oct-15	11-Nov-15	MS Landscape Deck Structure - ER Review & Comment														
0230-1400	MS Landscape Deck Structure - Resubmission	28	12-Nov-15	09-Dec-15	MS Landscape Deck Structure														
0230-1611	MS Noise Semi Enclosure - Submission	48	20-Jul-15 A	06-Nov-15	MS Noise Semi Enclosure - Submission														
0230-1612	MS Noise Semi Enclosure - ER Review / Comment	28	07-Nov-15	04-Dec-15	MS Noise Semi Enclosure - ER Review / Comment														
0230-1613	MS Noise Semi Enclosure - Resubmission	28	05-Dec-15	01-Jan-16															
0230-1690	MS Approach Ramp - ER Approval	14	01-Feb-15 A	03-Oct-15	MS Approach Ramp - ER Approval														
0230-2330	MS for Connection of EVB and EVA - Submission	10	10-Mar-15 A	29-Sep-15	MS for Connection of EVB and EVA - Submission														
0230-2340	MS for Connection of EVB and EVA - ER Review & Comment	12	30-Sep-15	11-Oct-15	MS for Connection of EVB and EVA - ER Review & Comment														
0230-2350	MS for Connection of EVB and EVA - Resubmission	6	12-Oct-15	17-Oct-15	MS for Connection of EVB and EVA - Resubmission														
0230-2360	MS for Connection of EVB and EVA - ER No Adverse Comment	10	18-Oct-15	27-Oct-15	MS for Connection of EVB and EVA - ER No Adverse Comment														
<b>02.4 - Contractor's Design and Build Items</b>																			
0240-1180	HGHK Permanent Carpark Design - ER/HGHK Review and Comment	25	25-Aug-15 A	14-Oct-15	HGHK Permanent Carpark Design - ER/HGHK Review and Comment														
0240-1190	HGHK Permanent Carpark Design - Resubmission	50	15-Oct-15	03-Dec-15	HGHK Permanent Carpark Design - Resubmission														
0240-1270	Landscaping Design - Submission	28	20-Sep-15*	17-Oct-15	Landscaping Design - Submission														
0240-1280	Landscaping Design - ER Review/Resubmission	28	18-Oct-15	14-Nov-15	Landscaping Design - ER Review/Resubmission														
0240-1290	Landscaping Design - ER Approval	28	15-Nov-15	12-Dec-15	Landscaping Design - ER Approval														
0240-1630	Green Roof & Wall Minimum 2 years Establishment	488	18-Apr-15 A	06-May-17	Green Roof & Wall Minimum 2 years Establishment														
<b>02.5 - Bridge Segment/Beam Off-site Precasting</b>																			
0250-3580	Bridge F1C Pier 36 T-span Segment Off-site Casting (13 nos.)	17	10-Jun-15 A	12-Oct-15	Bridge F1C Pier 36 T-span Segment Off-site Casting (13 nos.)														
0250-3640	Bridge F1C Pier 38 End-span Segment Off-site Casting (6 nos.)	0	18-Jun-15 A	24-Aug-15 A	Bridge F1C Pier 38 End-span Segment Off-site Casting (6 nos.)														
0250-3720	Bridge F3C Pier 41 T-span Segment Off-site Casting (13 nos.)	29	10-Apr-15 A	27-Oct-15	Bridge F3C Pier 41 T-span Segment Off-site Casting (13 nos.)														
0250-3740	Bridge F3C Pier 42 T-span Segment Off-site Casting (11 nos.)	3	18-Apr-15 A	23-Sep-15	Bridge F3C Pier 42 T-span Segment Off-site Casting (11 nos.)														
0250-3760	Bridge F3C Pier 40 End-span Segment Off-site Casting (5 nos.)	13	10-Apr-15 A	07-Oct-15	Bridge F3C Pier 40 End-span Segment Off-site Casting (5 nos.)														
0250-3780	Bridge F3C Pier 43 End-span Segment Off-site Casting (6 nos.)	2	22-May-15 A	07-Oct-15	Bridge F3C Pier 43 End-span Segment Off-site Casting (6 nos.)														
0250-3860	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2)	19	23-Sep-15	17-Oct-15	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2)														
0250-3880	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1)	40	07-Oct-15	24-Nov-15	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1)														
0250-3920	Bridge F1B2 - Pier F3B2 Segment - 6 nos. (S2)	19	26-Oct-15	17-Nov-15	Bridge F1B2 - Pier F3B2 Segment - 6 nos. (S2)														
0250-3940	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2)	16	24-Nov-15	12-Dec-15	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2)														
<b>02.6 - Fabrication &amp; Delivery of Noise Enclosure</b>																			
0260-5000	Int. Noise Enclosure Main + Sub Frames Fab / Del	75	01-Jun-15 A	19-Dec-15	Int. Noise Enclosure Main + Sub Frames Fab / Del														
0260-5010	Int. Noise Enclosure Noise Panel Fab / Del	21	19-Jan-15 A	17-Oct-15	Int. Noise Enclosure Noise Panel Fab / Del														
<b>03 - PRELIMINARY WORKS</b>																			
<b>03.3 - Interface Works</b>																			
A1040	Constr. of DN75 Storm Drain (Oil street) - ELS and Excavation	1	15-Aug-15 A	21-Sep-15	Constr. of DN75 Storm Drain (Oil street) - ELS and Excavation														
A1050	Constr. of DN75 Storm Drain (Oil street) - Casting of Blinding Layer	1	22-Sep-15	22-Sep-15	Constr. of DN75 Storm Drain (Oil street) - Casting of Blinding Layer														
A1060	Constr. of DN75 Storm Drain (Oil street) - Pipe Laying + Air test	6	23-Sep-15	30-Sep-15	Constr. of DN75 Storm Drain (Oil street) - Pipe Laying + Air test														
A1070	Constr. of DN75 Storm Drain (Oil street) - Constr. of Manhole 1-56 (Lower portion)	3	02-Oct-15	05-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Constr. of Manhole 1-56 (Lower portion)														
A1080	Constr. of DN75 Storm Drain (Oil street) - Constr. of Manhole 1-56 (Upper portion)	5	06-Oct-15	10-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Constr. of Manhole 1-56 (Upper portion)														
A1090	Constr. of DN75 Storm Drain (Oil street) - Concreting Pipeline intersection	1	06-Oct-15	06-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Concreting Pipeline intersection														
A1100	Constr. of DN75 Storm Drain (Oil street) - Trench Backfilling	4	07-Oct-15	10-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Trench Backfilling														
A1110	Constr. of DN75 Storm Drain (Oil street) - Removing ELS	2	12-Oct-15	13-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Removing ELS														
A1120	Constr. of DN75 Storm Drain (Oil street) - Pavement Reinstatement	2	14-Oct-15	15-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Pavement Reinstatement														
A1130	Complete Drainage work at Oil Street	0		31-Oct-15*	Complete Drainage work at Oil Street														
<b>05 - SECTION 2 &amp; 2A OF THE WORKS</b>																			
<b>05.1 - Cut &amp; Cover Tunnel Ch 4855-4932 (APS Footprint)</b>																			
<b>05.1.3 - APS &amp; Tunnel Structure</b>																			
0513-3060	APS Basement (Bay 21-South) - Staircase Landing 8 > Staircase Landing 12	20	07-Jul-15 A	15-Oct-15	APS Basement (Bay 21-South) - Staircase Landing 8 > Staircase Landing 12														
0513-3080	Tunnel Level - South Side Additional Beam at Bay 21	5	10-Oct-15	15-Oct-15	Tunnel Level - South Side Additional Beam at Bay 21														
0513-3100	Reinstate Temporary Opening of Base Slab > Bay 18	0	22-Aug-15 A	01-Sep-15 A	Opening of Base Slab > Bay 18														
0513-3105	Reinstate Temporary Opening of OHVD & Roof Slab > Bay 18	0	22-Aug-15 A	28-Aug-15 A	Opening of OHVD & Roof Slab > Bay 18														
0513-3580	Completion of Outstanding Works at APS & Tunnel	0		15-Oct-15	Completion of Outstanding Works at APS & Tunnel														
<b>05.1.5 - EVB Sub-structure &amp; Tunnel</b>																			
0515-1120	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 1A: GL1-2/A-E, 2-3/B-E, 3-6/C-F, 4-6/F-J	4	13-Jul-15 A	24-Sep-15	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 1A: GL1-2/A-E, 2-3/B-E, 3-6/C-F, 4-6/F-J														
0515-1140	EVB Basement - Col/Partition Wall (Fwk) > Zone 1A to Mezz (-1.40) Soffit	7	03-Aug-15 A	29-Sep-15	EVB Basement - Col/Partition Wall (Fwk) > Zone 1A to Mezz (-1.40) Soffit														
0515-1160	EVB Basement - Col/Partition Wall (Conc) > Zone 1A to Mezz (-1.40) Soffit	2	30-Sep-15	02-Oct-15	EVB Basement - Col/Partition Wall (Conc) > Zone 1A to Mezz (-1.40) Soffit														

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Sept to 19 Dec 2015 )**

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015														
					September			October			November			December					
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20
0515-1180	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Falsework/Fwk) > Zone 1A	10	17-Aug-15 A	03-Oct-15															
0515-1200	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Reb. Fix) > Zone 1A	6	16-Sep-15 A	10-Oct-15															
0515-1220	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Conc) > Zone 1A	2	12-Oct-15	13-Oct-15															
0515-1240	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 2A: GL1-6/A-D (ind ST-04)	14	15-Aug-15 A	08-Oct-15															
0515-1260	EVB Basement - Col/Partition Wall (Fwk) > Zone 2A to Roof Soffit	14	06-Oct-15	22-Oct-15															
0515-1280	EVB Basement - Col/Partition Wall (Conc) > Zone 2A to Roof Soffit	2	23-Oct-15	24-Oct-15															
0515-1300	EVB Basement - Mezz Slab & Beam (Lv +2.65) - (Falsework/Fwk) > Zone 2A	6	26-Oct-15	31-Oct-15															
0515-1320	EVB Basement - Mezz Slab & Beam (Lv +2.65) - (Reb. Fix) > Zone 2A	3	02-Nov-15	04-Nov-15															
0515-1340	EVB Basement - Mezz Slab & Beam (Lv +2.65) - (Conc) > Zone 2A	1	05-Nov-15	05-Nov-15															
0515-1360	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 3A: GL1-6/E-H	6	12-Aug-15 A	26-Sep-15															
0515-1380	EVB Basement - Col/Partition Wall (Fwk) > Zone 3A to Roof Soffit	8	17-Aug-15 A	08-Oct-15															
0515-1400	EVB Basement - Col/Partition Wall (Conc) > Zone 3A to Roof Soffit	2	07-Oct-15	08-Oct-15															
0515-1420	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 4A: GL1-6/H-K	6	06-Aug-15 A	20-Oct-15															
0515-1440	EVB Basement - Col/Partition Wall (Fwk) > Zone 4A to Roof Soffit	9	12-Aug-15 A	28-Oct-15															
0515-1460	EVB Basement - Col/Partition Wall (Conc) > Zone 4A to Roof Soffit	2	29-Oct-15	30-Oct-15															
0515-1480	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 5A: GL1-6/K-O (ind ST-03)	18	07-Jul-15 A	13-Oct-15															
0515-1500	EVB Basement - Col/Partition Wall (Fwk) > Zone 5A to Roof Soffit	18	11-Jul-15 A	13-Oct-15															
0515-1520	EVB Basement - Col/Partition Wall (Conc) > Zone 5A to Roof Soffit	18	30-Jul-15 A	13-Oct-15															
0515-1540	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 5B : GL1-6/K-O	15	15-Aug-15 A	13-Oct-15															
0515-1560	EVB Basement - Roof Slab (Reb Fix) > Zone 5B : GL1-6/K-O	17	01-Sep-15 A	15-Oct-15															
0515-1580	EVB Basement - Roof Slab (Conc) > Zone 5B : GL1-6/K-O	2	16-Oct-15	17-Oct-15															
0515-1600	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 4B : GL1-6/H-K	21	09-Oct-15	03-Nov-15															
0515-1620	EVB Basement - Roof Slab (Reb Fix) > Zone 4B : GL1-6/H-K	14	02-Nov-15	17-Nov-15															
0515-1640	EVB Basement - Roof Slab (Conc) > Zone 4B : GL1-6/H-K	2	18-Nov-15	19-Nov-15															
0515-1660	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 3B : GL1-6/E-H	21	04-Nov-15	27-Nov-15															
0515-1680	EVB Basement - Roof Slab (Reb Fix) > Zone 3B : GL1-6/E-H	14	26-Nov-15	11-Dec-15															
0515-1700	EVB Basement - Roof Slab (Conc) > Zone 3B : GL1-6/E-H	2	12-Dec-15	14-Dec-15															
0515-1720	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 2B : GL1-6/A-E	21	26-Nov-15	19-Dec-15															
0515-1740	EVB Basement - Roof Slab (Reb Fix) > Zone 2B : GL1-6/A-E	14	12-Dec-15	29-Dec-15															
0515-1760	EVB Basement - Roof Slab (Conc) > Zone 2B : GL1-6/A-E	2	30-Dec-15	31-Dec-15															
0515-1780	EVB - Reinstatement of Openings @ TA23-25 - Demo & Erection of Working Platform (hanging)	5	24-Dec-15	30-Dec-15															
0515-1800	EVB - Reinstatement of Openings @ TA23-25 - Formworks	2	31-Dec-15	02-Jan-16															
0515-1980	Complete approx 50% of EVB Structure	0		30-Sep-15															
1051-3221	Saw Cutting Preparation for D-Wall - South (Scaffolding/Platform/Coring) - (Zone 4A-5A)	12	06-Nov-15	19-Nov-15															
1051-3222	Saw Cutting of D-Wall > South - (Zone 4A-5A)	12	20-Nov-15	03-Dec-15															
1051-3223	CJ Preparation for South Wall along D-Wall - (Zone 4A-5A)	10	26-Nov-15	07-Dec-15															
1051-3224	Construction of South Wall along D-Wall + Stitching to Roof Slab - (Zone 4A-5A)	7	04-Dec-15	11-Dec-15															
1051-3225	Saw Cutting Preparation for D-Wall - South (Scaffolding/Platform/Coring) - (Zone 3A)	12	20-Nov-15	03-Dec-15															
1051-3226	Saw Cutting of D-Wall > South - (Zone 3A)	13	04-Dec-15	18-Dec-15															
1051-3227	CJ Preparation for South Wall along D-Wall - (Zone 3A)	10	10-Dec-15	21-Dec-15															
1051-3228	Construction of South Wall along D-Wall + Stitching to Roof Slab - (Zone 3A)	7	19-Dec-15	28-Dec-15															
1051-3230	Excavation + Saw Cutting Preparation at North Side D-Wall - (TA24-23)	12	12-Dec-15	26-Dec-15															
1051-3330	Excavation at North Side D-Wall - (TA27-26)	4	18-Dec-15	22-Dec-15															
1051-3340	Saw Cutting Preparation for D-Wall - North (Scaffolding/Platform/Coring) - (Zone 5A)	12	09-Dec-15	22-Dec-15															
1051-3430	Complete Saw Cutting of D-Wall after Removal of TA23	3	29-Dec-15	31-Dec-15															
1051-3441	Excavation at North Side D-Wall - (TA24-25)	4	23-Dec-15	28-Dec-15															
1051-3560	EVA - Coring along Bulkhead Wall	14	15-Oct-15*	31-Oct-15															
1051-3570	EVA - Vertical & Horizontal Saw Cutting along Bulk Head Wall	14	02-Nov-15	17-Nov-15															
1051-3580	EVA - Pre-Treatment + Pressure Grouting	7	18-Nov-15	25-Nov-15															
1051-3590	EVA - Removal of Bulkhead Wall	7	18-Nov-15	25-Nov-15															
1051-3600	EVA - Complete demolition and Prepare CJ	7	26-Nov-15	03-Dec-15															
1051-3615	Completion 100% of EVB Structure (exd reinstatement)	0		31-Dec-15*															
<b>05.2 - Cut &amp; Cover Tunnel Ch 4932-5149</b>																			
<b>05.2.5 - Road &amp; Miscellaneous Works</b>																			
0525-1340	Complete Remaining work at C/C Tunnel	0		15-Oct-15	◆ Complete Remaining work at C/C Tunnel														
<b>06 - SECTION 3 OF THE WORKS</b>																			
<b>06.1 - Westbound - Pier 29-34</b>																			
0610-1400	Construct W/B Bridge Pier 29 > Column	0	18-Aug-15 A	02-Sep-15 A	Construct W/B Bridge Pier 29 > Column														
0610-1420	Construct W/B Bridge Pier 29 > Rebar Fixing - Crosshead	0	26-Aug-15 A	11-Sep-15 A	Construct W/B Bridge Pier 29 > Rebar Fixing - Crosshead														
0610-1440	Construct W/B Bridge Pier 29 > Formworks + Concreting - Crosshead	0	12-Sep-15 A	15-Sep-15 A	Construct W/B Bridge Pier 29 > Formworks + Concreting - Crosshead														

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Sept to 19 Dec 2015 )**

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015																		
					September			October			November			December									
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20				
0610-1460	Construct W/B Bridge Pier 29 > Bearing	4	16-Sep-15 A	24-Sep-15	Construct W/B Bridge Pier 29 > Bearing																		
0610-1540	Construct W/B Bridge Pier 30 > Formworks + Concreting - Crosshead	0	21-Aug-15 A	24-Aug-15 A	Construct W/B Bridge Pier 30 > Formworks + Concreting - Crosshead																		
0610-1560	Construct W/B Bridge Pier 30 > Bearing	6	25-Aug-15 A	26-Sep-15	Construct W/B Bridge Pier 30 > Bearing																		
0610-1620	Construct W/B Bridge Pier 31 > Rebar Fixing - Crosshead	0	19-Aug-15 A	01-Sep-15 A	Construct W/B Bridge Pier 31 > Rebar Fixing - Crosshead																		
0610-1640	Construct W/B Bridge Pier 31 > Formworks + Concreting - Crosshead	0	02-Sep-15 A	05-Sep-15 A	Construct W/B Bridge Pier 31 > Formworks + Concreting - Crosshead																		
0610-1660	Construct W/B Bridge Pier 31 > Bearing	5	07-Sep-15 A	25-Sep-15	Construct W/B Bridge Pier 31 > Bearing																		
0610-1720	Construct W/B Bridge Pier 32 > Rebar Fixing - Crosshead	0	19-Aug-15 A	25-Aug-15 A	Construct W/B Bridge Pier 32 > Rebar Fixing - Crosshead																		
0610-1740	Construct W/B Bridge Pier 32 > Formworks + Concreting - Crosshead	0	26-Aug-15 A	29-Aug-15 A	Construct W/B Bridge Pier 32 > Formworks + Concreting - Crosshead																		
0610-1760	Construct W/B Bridge Pier 32 > Bearing	0	31-Aug-15 A	12-Sep-15 A	Construct W/B Bridge Pier 32 > Bearing																		
0610-1820	Construct W/B Bridge Pier 33 > Rebar Fixing - Crosshead	0	15-Aug-15 A	29-Aug-15 A	Construct W/B Bridge Pier 33 > Rebar Fixing - Crosshead																		
0610-1840	Construct W/B Bridge Pier 33 > Formworks + Concreting - Crosshead	0	31-Aug-15 A	02-Sep-15 A	Construct W/B Bridge Pier 33 > Formworks + Concreting - Crosshead																		
0610-1860	Construct W/B Bridge Pier 33 > Bearing	5	03-Sep-15 A	25-Sep-15	Construct W/B Bridge Pier 33 > Bearing																		
0610-1880	W/B Bridge Pier 34 - Tie Beam > Breaking + Excav + Blinding	8	04-Nov-15	12-Nov-15	W/B Bridge Pier 34 - Tie Beam > Breaking + Excav + Blinding																		
0610-1900	Construct W/B Bridge Pier 34 - Tie Beam > CJ + post drill rebar & Construction	14	13-Nov-15	28-Nov-15	Construct W/B Bridge Pier 34 - Tie Beam > CJ + post drill rebar & Construction																		
0610-1920	Construct W/B Bridge Pier 34 Drilling of Starter Bars for Pier/Column	14	04-Nov-15	19-Nov-15	Construct W/B Bridge Pier 34 Drilling of Starter Bars for Pier/Column																		
0610-1940	Construct W/B Bridge Pier 34 Construct Crosshead	15	20-Nov-15	07-Dec-15	Construct W/B Bridge Pier 34 Construct Crosshead																		
0610-1960	Construct W/B Bridge Pier 34 - Install Bearing	6	08-Dec-15	14-Dec-15	Construct W/B Bridge Pier 34 - Install Bearing																		
<b>06.3 - Admin Building</b>																							
0630-1100	Grd. Beam - (GL > K-N) (P31-32) - Removal of Existing Sheet Piles	0	01-Sep-15 A	09-Sep-15 A	Grd. Beam - (GL > K-N) (P31-32) - Removal of Existing Sheet Piles																		
0630-1101	Grd. Beam - (GL > K-N) - Excavate to formation level + Blinding Layer Casting	1	10-Sep-15 A	21-Sep-15	Grd. Beam - (GL > K-N) - Excavate to formation level + Blinding Layer Casting																		
0630-1120	Grd. Beam - (GL > K-N) - Install Capping Plate	4	22-Sep-15	25-Sep-15	Grd. Beam - (GL > K-N) - Install Capping Plate																		
0630-1140	Grd. Beam - (GL > K-N) - Rebar Fixing for Ground Beam	7	26-Sep-15	06-Oct-15	Grd. Beam - (GL > K-N) - Rebar Fixing for Ground Beam																		
0630-1160	Grd. Beam - (GL > K-N) - Erect Formworks for Ground Beam	4	05-Oct-15	08-Oct-15	Grd. Beam - (GL > K-N) - Erect Formworks for Ground Beam																		
0630-1180	Grd. Beam - (GL > K-N) - Cast Concrete for Ground Beam	1	09-Oct-15	09-Oct-15	Grd. Beam - (GL > K-N) - Cast Concrete for Ground Beam																		
0630-1200	Grd. Beam - (GL > K-N) - Formworks Removal	1	10-Oct-15	10-Oct-15	Grd. Beam - (GL > K-N) - Formworks Removal																		
0630-1600	Grd. Beam - (GL > D-G) (P29-30) - Removal of Existing Sheet Piles	1	10-Aug-15 A	21-Sep-15	Grd. Beam - (GL > D-G) (P29-30) - Removal of Existing Sheet Piles																		
0630-1620	Grd. Beam - (GL > D-G) - Excavate to formation level + Blinding Layer Casting	4	23-Oct-15	27-Oct-15	Grd. Beam - (GL > D-G) - Excavate to formation level + Blinding Layer Casting																		
0630-1640	Grd. Beam - (GL > D-G) - Install Capping Plate	3	27-Oct-15	29-Oct-15	Grd. Beam - (GL > D-G) - Install Capping Plate																		
0630-1660	Grd. Beam - (GL > D-G) - Rebar Fixing for Ground Beam	6	29-Oct-15	04-Nov-15	Grd. Beam - (GL > D-G) - Rebar Fixing for Ground Beam																		
0630-1700	Grd. Beam - (GL > D-G) - Erect Formworks for Ground Beam	4	04-Nov-15	07-Nov-15	Grd. Beam - (GL > D-G) - Erect Formworks for Ground Beam																		
0630-1720	Grd. Beam - (GL > D-G) - Cast Concrete for Ground Beam	1	09-Nov-15	09-Nov-15	Grd. Beam - (GL > D-G) - Cast Concrete for Ground Beam																		
0630-1740	Grd. Beam - (GL > D-G) - Formworks Removal	1	10-Nov-15	10-Nov-15	Grd. Beam - (GL > D-G) - Formworks Removal																		
0630-1880	Grd. Beam - (GL > P-R) (P33-34) - Removal of Existing Sheet Piles	4	23-Oct-15	27-Oct-15	Grd. Beam - (GL > P-R) (P33-34) - Removal of Existing Sheet Piles																		
0630-1900	Grd. Beam - (GL > P-R) - Excavate to formation level + Blinding Layer Casting	5	28-Oct-15	02-Nov-15	Grd. Beam - (GL > P-R) - Excavate to formation level + Blinding Layer Casting																		
0630-1920	Grd. Beam - (GL > P-R) - Install Capping Plate	6	02-Nov-15	07-Nov-15	Grd. Beam - (GL > P-R) - Install Capping Plate																		
0630-1940	Grd. Beam - (GL > P-R) - Rebar Fixing for Beam	7	05-Nov-15	12-Nov-15	Grd. Beam - (GL > P-R) - Rebar Fixing for Beam																		
0630-1960	Grd. Beam - (GL > P-R) - Erect Formworks for Beam	4	13-Nov-15	17-Nov-15	Grd. Beam - (GL > P-R) - Erect Formworks for Beam																		
0630-1980	Grd. Beam - (GL > P-R) - Cast Concrete for Beam	1	18-Nov-15	18-Nov-15	Grd. Beam - (GL > P-R) - Cast Concrete for Beam																		
0630-2000	Grd. Beam - (GL > P-R) - Formworks Removal	1	19-Nov-15	19-Nov-15	Grd. Beam - (GL > P-R) - Formworks Removal																		
0630-2020	Grd. Beam - (GL > B-D) (P29) - Removal of Existing Sheet Piles	1	18-Aug-15 A	21-Sep-15	Grd. Beam - (GL > B-D) (P29) - Removal of Existing Sheet Piles																		
0630-2021	Grd. Beam - (GL > B-D) - Excavate to formation level + Blinding Layer Casting	6	21-Sep-15	26-Sep-15	Grd. Beam - (GL > B-D) - Excavate to formation level + Blinding Layer Casting																		
0630-2040	Grd. Beam - (GL > B-D) - Install Capping Plate	4	29-Sep-15	03-Oct-15	Grd. Beam - (GL > B-D) - Install Capping Plate																		
0630-2080	Grd. Beam - (GL > B-D) - Rebar Fixing for Ground Beam	7	06-Oct-15	13-Oct-15	Grd. Beam - (GL > B-D) - Rebar Fixing for Ground Beam																		
0630-2100	Grd. Beam - (GL > B-D) - Erect Formworks for Ground Beam	4	13-Oct-15	16-Oct-15	Grd. Beam - (GL > B-D) - Erect Formworks for Ground Beam																		
0630-2120	Grd. Beam - (GL > B-D) - Cast Concrete for Ground Beam	1	17-Oct-15	17-Oct-15	Grd. Beam - (GL > B-D) - Cast Concrete for Ground Beam																		
0630-2140	Grd. Beam - (GL > B-D) - Formworks Removal	1	19-Oct-15	19-Oct-15	Grd. Beam - (GL > B-D) - Formworks Removal																		
0630-2440	Complete ADB Ground Beam	0		11-Dec-15*	Complete ADB Ground Beam																		
0630-2540	Storm Water Drain at Portion VB	15	03-Nov-15	19-Nov-15	Storm Water Drain at Portion VB																		
0630-2543	Install Irrigation Watermain within Portion V	15	09-Nov-15	25-Nov-15	Install Irrigation Watermain within Portion V																		
0630-2550	Construction of pile cap for PC21	15	21-Sep-15	09-Oct-15	Construction of pile cap for PC21																		
0630-2570	Construction of pile cap for PC22	14	12-Sep-15 A	09-Oct-15	Construction of pile cap for PC22																		
0630-2575	Construction of Column for Landscape Dect at PC21 & 22 up to Gnd Level	18	12-Oct-15	02-Nov-15	Construction of Column for Landscape Dect at PC21 & 22 up to Gnd Level																		
0630-2590	Install underground drainage at Portion VB	12	29-Sep-15	13-Oct-15	Install underground drainage at Portion VB																		
0630-2593	Construct Road Pavement Between P31-32 within Porion VB incl sub-base	21	04-Dec-15	29-Dec-15	Construct Road Pavement Between P31-32 within Porion VB incl sub-base																		
0630-2595	Remove Temp Container/Storage within Admin Area	9	14-Oct-15	24-Oct-15	Remove Temp Container/Storage within Admin Area																		
<b>08 - SECTION 5 WORK</b>																							
<b>08.1 - Retaining Wall 'F' Substructure</b>																							
0810-1650	Retaining Wall F > Temp Excav Support/Open cut Excav works	18	21-Sep-15	13-Oct-15	Retaining Wall F > Temp Excav Support/Open cut Excav works																		
0810-1660	Retaining Wall F > Excavation Works for Pile caps	21	29-Sep-15	24-Oct-15	Retaining Wall F > Excavation Works for Pile caps																		
0810-1670	Construction of pile cap for Retaining Wall F @ PC8 + low wall bet C4-13/14	21	02-Oct-15	27-Oct-15	Construction of pile cap for Retaining Wall F @ PC8 + low wall bet C4-13/14																		

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Sept to 19 Dec 2015 )**

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015														
					September			October			November			December					
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20
0810-1680	Construction of pile cap for Retaining Wall F @ PC9 + low wall bet C5-11/12	21	24-Aug-15 A	05-Nov-15	Construction of pile cap for Retaining Wall F @ PC9 + low wall bet C5-11/12														
0810-1700	Construction of pile cap for Retaining Wall F @ PC10	14	24-Aug-15 A	06-Nov-15	Construction of pile cap for Retaining Wall F @ PC10														
0810-1720	Construction of pile cap for Retaining Wall F @ PC11	14	24-Aug-15 A	13-Nov-15	Construction of pile cap for Retaining Wall F @ PC11														
0810-1740	Construction of pile cap for Retaining Wall F @ PC12	15	06-Nov-15	23-Nov-15	Construction of pile cap for Retaining Wall F @ PC12														
0810-1760	Construction of pile cap for Retaining Wall F @ PC13	15	16-Nov-15	02-Dec-15	Construction of pile cap for Retaining Wall F @ PC13														
0810-1780	Backfill of Around Retaining Wall F Pile Caps	7	03-Dec-15	10-Dec-15	Backfill of Around Retaining Wall F Pile Caps														
<b>09 - SECTION 6 OF THE WORKS</b>																			
<b>09.2 - Westbound - Pier 26-27</b>																			
0920-1080	Pier 27 Prepare C.J. and Modify Tie Beam	14	04-Sep-15 A	08-Oct-15	Pier 27 Prepare C.J. and Modify Tie Beam														
0920-1100	Pier 27 Construct Pier/Column	18	09-Oct-15	30-Oct-15	Pier 27 Construct Pier/Column														
0920-1120	Pier 27 Construct Crosshead	24	31-Oct-15	27-Nov-15	Pier 27 Construct Crosshead														
0920-1140	Pier 27 Install Bearing	9	28-Nov-15	08-Dec-15	Pier 27 Install Bearing														
0920-1160	Pier 26 Prepare C.J. + Drill in Re-bar + Modify Pilecap	14	04-Sep-15 A	08-Oct-15	Pier 26 Prepare C.J. + Drill in Re-bar + Modify Pilecap														
0920-1180	Pier 26 Construct Pier/Column	18	09-Oct-15	30-Oct-15	Pier 26 Construct Pier/Column														
0920-1200	Pier 26 Construct Crosshead	24	31-Oct-15	27-Nov-15	Pier 26 Construct Crosshead														
0920-1220	Pier 26 Install Bearing	9	28-Nov-15	08-Dec-15	Pier 26 Install Bearing														
<b>10 - SECTION X OF THE WORKS</b>																			
<b>10.4 - Bridge Deck Demolition</b>																			
<b>10.4.1 - Existing W/B Bridge (Part 1)</b>																			
10410-1680	Demolish W/B Bridge Pier 23 > Column > by Crane C	0	20-Aug-15 A	29-Aug-15 A	> Column > by Crane C														
10410-1700	Saw Cutting W/B Bridge Deck Pier 21-22	0	19-Aug-15 A	25-Aug-15 A	11-22														
10410-1701	Dem. W/B Bridge Deck Pier 21-22 (1 beam) w/ time constraint start up to 4Pm > by Crane B & C	0	26-Aug-15 A	26-Aug-15 A	2 (1 beam) w/ time constraint start up to 4Pm > by Crane B & C														
10410-1720	Demolish W/B Bridge Deck Pier 21-22 (5 beams) > by Crane B & C	0	27-Aug-15 A	29-Aug-15 A	Pier 21-22 (5 beams) > by Crane B & C														
10410-1740	Demolish W/B Bridge Pier 22 > Column > by Crane C	0	31-Aug-15 A	09-Sep-15 A	Demolish W/B Bridge Pier 22 > Column > by Crane C														
10410-1741	Saw Cutting W/B Bridge Deck Pier 20-21	0	28-Aug-15 A	31-Aug-15 A	Deck Pier 20-21														
10410-1742	Dem. W/B Bridge Deck Pier 20-21 (1 beam) w/ time constraint start up to 4Pm > by Crane B & C	0	01-Sep-15 A	01-Sep-15 A	1 beam w/ time constraint start up to 4Pm > by Crane B & C														
10410-1743	Demolish W/B Bridge Deck Pier 20-21 (2 beams) > by Crane B & C	0	02-Sep-15 A	07-Sep-15 A	W/B Bridge Deck Pier 20-21 (2 beams) > by Crane B & C														
10410-1743.1	Cutting of W/B Bridge Crosshead Wing at Pier 21 for Modification	2	21-Sep-15	22-Sep-15	Cutting of W/B Bridge Crosshead Wing at Pier 21 for Modification														
10410-1744	Demolish W/B Bridge Deck Pier 19-20 (2 beams) > Insatall Scaffoldings to Support Beams	0	31-Aug-15 A	07-Sep-15 A	W/B Bridge Deck Pier 19-20 (2 beams) > Insatall Scaffoldings to Support Beams														
10410-1745	Saw Cutting W/B Bridge Deck Pier 19-20 @ 2 Beams into 8Pcs(1x4X2)	4	21-Sep-15	24-Sep-15	Saw Cutting W/B Bridge Deck Pier 19-20 @ 2 Beams into 8Pcs(1x4X2)														
10410-1746	Dem. W/B Bridge Deck Pier 19-20 (1 beam) w/ time constraint start up to 4Pm > by Crane B	2	23-Sep-15	24-Sep-15	Dem. W/B Bridge Deck Pier 19-20 (1 beam) w/ time constraint start up to 4Pm > by Crane B														
10410-1747	Demolish W/B Bridge Deck Pier 19-20 (1 beam) > by Crane B	1	25-Sep-15	25-Sep-15	Demolish W/B Bridge Deck Pier 19-20 (1 beam) > by Crane B														
10410-1747.1	Cutting of W/B Bridge Crosshead Wing at Pier 20 for Modification	2	26-Sep-15	29-Sep-15	Cutting of W/B Bridge Crosshead Wing at Pier 20 for Modification														
10410-1747.5	Demolish W/B Bridge Deck Pier 17-18 (2 beams) > Insatall Scaffoldings to Support Beams	0	07-Sep-15 A	14-Sep-15 A	Demolish W/B Bridge Deck Pier 17-18 (2 beams) > Insatall Scaffoldings to Support Beams														
10410-1748	Saw Cutting W/B Bridge Deck Pier 17-18 @ 2 Beams into 8Pcs(1x4X2)	4	25-Sep-15	30-Sep-15	Saw Cutting W/B Bridge Deck Pier 17-18 @ 2 Beams into 8Pcs(1x4X2)														
10410-1749	Dem. W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B	1	30-Sep-15	30-Sep-15	Dem. W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B														
10410-1750	Demolish W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B	1	02-Oct-15	02-Oct-15	Demolish W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B														
10410-1751	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Construct Footing for Shoring of Beams	0	01-Sep-15 A	04-Sep-15 A	Bridge Deck Pier 18-19 (2 beams) > Construct Footing for Shoring of Beams														
10410-1752	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Install Shoring + Fixing to hold Beams	0	07-Sep-15 A	14-Sep-15 A	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Install Shoring + Fixing to hold Beams														
10410-1753	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Saw Cutting of Bridge Deck & Parapet + Coring	10	22-Sep-15	05-Oct-15	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Saw Cutting of Bridge Deck & Parapet + Coring														
10410-1754	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) w/ time constraint start at 4Pm > by Crane D	2	03-Oct-15	05-Oct-15	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) w/ time constraint start at 4Pm > by Crane D														
10410-1755	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) > by Crane D	1	06-Oct-15	06-Oct-15	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) > by Crane D														
10410-1756	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Westside) w/ time constraint start at 4Pm > by Crane D	1	07-Oct-15	07-Oct-15	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Westside) w/ time constraint start at 4Pm > by Crane D														
10410-1757	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Westside) > by Crane D	1	08-Oct-15	08-Oct-15	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Westside) > by Crane D														
10410-1760	Cutting of W/B Bridge Crosshead Wing at Pier 19 for Modification > by Crane D	2	07-Oct-15	08-Oct-15	Cutting of W/B Bridge Crosshead Wing at Pier 19 for Modification > by Crane D														
10410-1761	Cutting of W/B Bridge Crosshead Wing at Pier 18 for Modification > by Crane D	2	09-Oct-15	10-Oct-15	Cutting of W/B Bridge Crosshead Wing at Pier 18 for Modification > by Crane D														
10410-1762	Removal of Shoring	2	09-Oct-15	10-Oct-15	Removal of Shoring														
10410-1763	Removal of Temporary Footing	5	12-Oct-15	16-Oct-15	Removal of Temporary Footing														
10410-2280	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 41	0	20-Aug-15 A	26-Aug-15 A	Crosshead & Pier > Pier 41														
10410-2300	Demolish Temp. W/B Bridge - Deck > Pier 39 to 40 (6 beams)	0	27-Aug-15 A	29-Aug-15 A	Deck > Pier 39 to 40 (6 beams)														
10410-2320	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 40	0	31-Aug-15 A	07-Sep-15 A	Temp. W/B Bridge - Crosshead & Pier > Pier 40														
10410-2340	Demolish Temp. W/B Bridge - Deck > Pier 38 to 39 (6 beams)	0	07-Sep-15 A	10-Sep-15 A	Demolish Temp. W/B Bridge - Deck > Pier 38 to 39 (6 beams)														
10410-2360	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 39	0	11-Sep-15 A	15-Sep-15 A	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 39														
10410-2380	Demolish Temp. W/B Bridge - Deck > Pier 37 to 38 (6 beams)	0	16-Sep-15 A	19-Sep-15 A	Demolish Temp. W/B Bridge - Deck > Pier 37 to 38 (6 beams)														
10410-2400	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 38	6	21-Sep-15	26-Sep-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 38														
10410-2420	Demolish Temp. W/B Bridge - Deck > Pier 36 to 37 (6 beams)	3	29-Sep-15	02-Oct-15	Demolish Temp. W/B Bridge - Deck > Pier 36 to 37 (6 beams)														
10410-2440	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 37	6	03-Oct-15	09-Oct-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 37														
10410-2460	Demolish Temp. W/B Bridge - Deck > Pier 35 to 36 (6 beams)	3	10-Oct-15	13-Oct-15	Demolish Temp. W/B Bridge - Deck > Pier 35 to 36 (6 beams)														
10410-2480	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 36	6	14-Oct-15	20-Oct-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 36														
10410-2500	Demolish Temp. W/B Bridge - Deck > Pier 34 to 35 (6 beams)	3	22-Oct-15	24-Oct-15	Demolish Temp. W/B Bridge - Deck > Pier 34 to 35 (6 beams)														

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Sept to 19 Dec 2015 )**

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015															
					September			October			November			December						
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20	
10410-2520	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 35 (by crane)	6	28-Oct-15	03-Nov-15																
10410-2540	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 34 (by crane)	6	28-Oct-15	03-Nov-15																
<b>10.1 - E/B Bridges (Bridge D, E and F)</b>																				
<b>10.1.1 - Marine Pier Construction</b>																				
<b>Pier F01 to F02</b>																				
1011-8600	F1B Pier/Column Construction	12	07-Oct-15	20-Oct-15																
1011-8620	F1B Crosshead Construction	18	22-Oct-15	11-Nov-15																
1011-8640	Bearing installation pier F1B & F2B	12	12-Nov-15	25-Nov-15																
<b>10.1.4 - Bridge E / Hing Fat Slip Road</b>																				
<b>Bridge Construction</b>																				
1014-1860	Construction (Pier E4 - Pier E2) > Construct Pier E3	0	24-Aug-15 A	07-Sep-15 A																
1014-1880	Construction (Pier E4 - Pier E2) > Construct Crosshead + Bearing at Pier E3	7	08-Sep-15 A	29-Sep-15																
1014-1900	Construction (Pier E4 - Pier E2) > Modification of Crosshead + Bearing at Pier E4 & E2	3	24-Aug-15 A	23-Sep-15																
1014-1920	Construction (Pier E4 - Pier E2) > Erect 3nos Beams > Pier E3-E2	4	30-Sep-15	05-Oct-15																
1014-1940	Construction (Pier E4 - Pier E2) > Erect 3nos Beams > Pier E4-E3	4	03-Oct-15	07-Oct-15																
1014-1960	Construction (Pier E4 - Pier E2) > Erect Scaffoldings + Platform + Pre-cast Planking > Pier E4-E2	7	08-Oct-15	15-Oct-15																
1014-1980	Construction (Pier E4 - Pier E2) > Rebar Fixing of Deck + Diaphragm + Concreting > Pier E4-E2	14	16-Oct-15	02-Nov-15																
1014-2000	Construction (Pier E4 - Pier E2) > Construct Parapet D1-E2	14	16-Oct-15	02-Nov-15																
1014-2020	Construction (Pier E4 - Pier E2) > Construct Parapet E2-E4	14	03-Nov-15	18-Nov-15																
1014-2040	Construction (Pier E4 - Pier E2) > Install Street Furniture/GullyEtc.	14	03-Nov-15	18-Nov-15																
1014-2060	Construction (Pier E4 - Pier E2) > Install MJ at Pier E2	7	09-Nov-15	16-Nov-15																
1014-2080	Construction (Pier E4 - Pier E2) > Install MJ at Pier E3 & E4	8	12-Nov-15	20-Nov-15																
1014-2100	Construction (Pier E4 - Pier E2) > Asphalt + Road Markings, Install Street Furniture/Signage/Lightings	4	21-Nov-15	25-Nov-15																
1014-2940	Bridge E (Pier 19 - D1) - Noise Barrier > Post + Panel	14	03-Nov-15	18-Nov-15																
1014-2960	Bridge E (Pier 19 - D1) - Green Panel Installation	2	19-Nov-15	21-Nov-15																
<b>10.2 - W/B Bridges (Bridge C and F)</b>																				
<b>10.2.1 - Pier Construction</b>																				
<b>Pier 38 to 43</b>																				
1021-1820	Pier 38 (F3C) Prepare C.J. at Existing Pile Cap	11	29-Sep-15	12-Oct-15																
1021-1840	Pier 38 (F3C) Construct Pier/Column	18	14-Oct-15	04-Nov-15																
1021-1860	Pier 38 (F3C) Construct Crosshead	24	05-Nov-15	02-Dec-15																
1021-1880	Pier 38 (F3C) Install Bearing	9	03-Dec-15	12-Dec-15																
1021-1900	Pier 39 (F4C) Prepare C.J. at Existing Pile Cap	11	21-Sep-15	05-Oct-15																
1021-1920	Pier 39 (F4C) Construct Pier/Column	18	07-Oct-15	28-Oct-15																
1021-1940	Pier 39 (F4C) Construct Crosshead	24	29-Oct-15	25-Nov-15																
1021-1960	Pier 39 (F4C) Install Bearing	9	26-Nov-15	05-Dec-15																
1021-1980	Pier 40 (F5C) Prepare C.J. at Existing Pile Cap	11	21-Sep-15	05-Oct-15																
1021-2000	Pier 40 (F5C) Construct Pier/Column	18	06-Oct-15	27-Oct-15																
1021-2020	Pier 40 (F5C) Construct Crosshead	24	28-Oct-15	24-Nov-15																
1021-2040	Pier 40 (F5C) Install Bearing	9	25-Nov-15	04-Dec-15																
1021-2060	Pier 41 (F6C) Prepare C.J. at Existing Pile Cap	0	28-Aug-15 A	19-Sep-15 A																
1021-2080	Pier 41 (F6C) Construct Pier/Column	18	21-Sep-15	13-Oct-15																
1021-2100	Pier 41 (F6C) Construct Crosshead	24	14-Oct-15	11-Nov-15																
1021-2120	Pier 41 (F6C) Install Bearing	9	12-Nov-15	21-Nov-15																
1021-2140	Pier 42 (F7C) Prepare C.J. at Existing Pile Cap	0	18-Aug-15 A	09-Sep-15 A																
1021-2160	Pier 42 (F7C) Construct Pier/Column	12	09-Sep-15 A	06-Oct-15																
1021-2180	Pier 42 (F7C) Construct Crosshead	24	07-Oct-15	04-Nov-15																
1021-2200	Pier 42 (F7C) Install Bearing	9	05-Nov-15	14-Nov-15																
1021-2220	Pier 43 (F8C) Prepare C.J. at Existing Pile Cap	0	08-Aug-15 A	29-Aug-15 A																
1021-2240	Pier 43 (F8C) Construct Pier/Column	6	30-Aug-15 A	26-Sep-15																
1021-2260	Pier 43 (F8C) Construct Crosshead	24	29-Sep-15	28-Oct-15																
1021-2280	Pier 43 (F8C) Install Bearing	9	29-Oct-15	07-Nov-15																
<b>Pier 36 to 37</b>																				
1021-1580	Pier 36 (F1C) Prepare CJ at Existing Pile Cap	11	22-Oct-15	03-Nov-15																
1021-1600	Pier 36 (F1C) Construct Pier/Column	18	04-Nov-15	24-Nov-15																
1021-1620	Pier 36 (F1C) Construct Crosshead	24	25-Nov-15	22-Dec-15																
1021-1660	Pier 37 (F2C) Prepare CJ at Existing Pile Cap	11	10-Oct-15	23-Oct-15																
1021-1680	Pier 37 (F2C) Construct Pier/Column	18	24-Oct-15	13-Nov-15																
1021-1700	Pier 37 (F2C) Construct Crosshead	24	14-Nov-15	11-Dec-15																
1021-1720	Pier 37 (F2C) Install Bearing	9	12-Dec-15	22-Dec-15																
<b>Abutment D12</b>																				

- Remaining Level of Effort
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**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Sept to 19 Dec 2015 )**



Activity ID	Activity Name	Remaining Duration	Start	Finish	2015											
					September			October			November			December		
					13	20	27	04	11	18	25	01	08	15	22	29
1021-1020	Construct Abutment D12 W/B Bridge	30	04-Nov-15	08-Dec-15	Construct Abutment D12 W/B Bridge											
1021-1040	Bearing installation D12 W/B Bridge	9	09-Dec-15	18-Dec-15	Bearing installation D12 W/B Bridge											
<b>Pier 28</b>																
1021-1740	Pier 28 Excav + Prepare C.J	0	10-Aug-15 A	11-Sep-15 A	Pier 28 Excav + Prepare C.J											
1021-1760	Pier 28 Construct Pier/Column	5	14-Sep-15 A	25-Sep-15	Pier 28 Construct Pier/Column											
1021-1780	Pier 28 Construct Crosshead	10	26-Sep-15	09-Oct-15	Pier 28 Construct Crosshead											
1021-1800	Pier 28 Install Bearing	5	10-Oct-15	15-Oct-15	Pier 28 Install Bearing											
<b>Pier 20 to 25</b>																
1021-1060	Pier 22 Prepare C.J. and Modify Tie Beam	18	21-Sep-15	13-Oct-15	Pier 22 Prepare C.J. and Modify Tie Beam											
1021-1080	Pier 22 Reconstruct Column	18	14-Oct-15	04-Nov-15	Pier 22 Reconstruct Column											
1021-1100	Pier 22 Reconstruct Crosshead	24	05-Nov-15	02-Dec-15	Pier 22 Reconstruct Crosshead											
1021-1120	Pier 22 Install Bearing	6	03-Dec-15	10-Dec-15	Pier 22 Install Bearing											
1021-1280	Pier 24 Prepare C.J. and Modify Tie Beam	18	21-Sep-15	13-Oct-15	Pier 24 Prepare C.J. and Modify Tie Beam											
1021-1300	Pier 24 Reconstruct Column	18	14-Oct-15	04-Nov-15	Pier 24 Reconstruct Column											
1021-1320	Pier 24 Reconstruct Crosshead	24	05-Nov-15	02-Dec-15	Pier 24 Reconstruct Crosshead											
1021-1340	Pier 24 Install Bearing	9	03-Dec-15	12-Dec-15	Pier 24 Install Bearing											
1021-1360	Pier 25 Prepare C.J. and Modify Tie Beam	18	21-Sep-15	13-Oct-15	Pier 25 Prepare C.J. and Modify Tie Beam											
1021-1380	Pier 25 Reconstruct Column	18	14-Oct-15	04-Nov-15	Pier 25 Reconstruct Column											
1021-1400	Pier 25 Reconstruct Crosshead	24	05-Nov-15	02-Dec-15	Pier 25 Reconstruct Crosshead											
1021-1420	Pier 25 Install Bearing	9	03-Dec-15	12-Dec-15	Pier 25 Install Bearing											
1021-1520	Pier 23 Reconstruct Column	18	21-Sep-15	13-Oct-15	Pier 23 Reconstruct Column											
1021-1540	Pier 23 Reconstruct Crosshead	24	14-Oct-15	11-Nov-15	Pier 23 Reconstruct Crosshead											
1021-1560	Pier 23 Install Bearing	9	12-Nov-15	21-Nov-15	Pier 23 Install Bearing											
<b>Pier 17 to 19</b>																
1021-1215	Modify Pier 21 Crosshead (south wing) + Bearing	20	23-Sep-15	17-Oct-15	Modify Pier 21 Crosshead (south wing) + Bearing											
1021-1225	Modify Pier 20 Crosshead (south wing) + Bearing	20	30-Sep-15	24-Oct-15	Modify Pier 20 Crosshead (south wing) + Bearing											
1021-1230	Modify Pier 19 Crosshead (south wing) + Bearing	20	09-Oct-15	02-Nov-15	Modify Pier 19 Crosshead (south wing) + Bearing											
1021-1235	Modify Pier 18 Crosshead (south wing) + Bearing	20	12-Oct-15	04-Nov-15	Modify Pier 18 Crosshead (south wing) + Bearing											
<b>10.2.2 - Bridge Construction</b>																
<b>Bridge C1</b>																
1022-1000	Bridge C1 - Precast Beams Pier 17-21 W/B (9 nos)	9	05-Nov-15	14-Nov-15	Bridge C1 - Precast Beams Pier 17-21 W/B (9 nos)											
1022-1001	Bridge C1 - Construction (Pier 17 - 21) > Erect Scaffolding + Platform + Pre-cast Planking	7	09-Nov-15	16-Nov-15	Bridge C1 - Construction (Pier 17 - 21) > Erect Scaffolding + Platform + Pre-cast Planking											
1022-1002	Bridge C1 - Construction (Pier 17 - 21) > Rebar Fixing of Deck + Diaphragm + Concreting	20	17-Nov-15	09-Dec-15	Bridge C1 - Construction (Pier 17 - 21) > Rebar Fixing of Deck + Diaphragm + Concreting											
<b>Bridge C2</b>																
1022-2750	Bridge C2 - Erect 6nos Pre-cast Beams by Crane D	5	10-Dec-15	16-Dec-15	Bridge C2 - Erect 6nos Pre-cast Beams by Crane D											
1022-2751	Bridge C2 - Construction (Pier 21 - 22) > Erect Scaffolding + Platform + Pre-cast Planking	7	16-Dec-15	24-Dec-15	Bridge C2 - Construction (Pier 21 - 22) > Erect Scaffolding + Platform + Pre-cast Planking											
<b>Bridge C4</b>																
1022-1453	Bridge C5 - Erect Pier Segment at Pier 33 (1 no) > By Crane	2	06-Oct-15	07-Oct-15	Bridge C5 - Erect Pier Segment at Pier 33 (1 no) > By Crane											
1022-1453.2	Bridge C4 - Erect Pier Segment at Pier 32 (2 nos) > By Crane	3	08-Oct-15	10-Oct-15	Bridge C4 - Erect Pier Segment at Pier 32 (2 nos) > By Crane											
1022-1453.3	Bridge C4 - Erect Pier Segment at Pier 31 (1 no) > By Crane	2	12-Oct-15	13-Oct-15	Bridge C4 - Erect Pier Segment at Pier 31 (1 no) > By Crane											
1022-1453.4	Bridge C4 - Erect Pier Segment at Pier 30 (1 no) > By Crane	2	14-Oct-15	15-Oct-15	Bridge C4 - Erect Pier Segment at Pier 30 (1 no) > By Crane											
1022-1453.5	Bridge C4 - Erect Pier Segment at Pier 29 (1 no) > By Crane	2	17-Oct-15	19-Oct-15	Bridge C4 - Erect Pier Segment at Pier 29 (1 no) > By Crane											
1022-1453.6	Bridge C4 - Erect Pier Segment at Pier 28 (2 nos) > By Crane	2	20-Oct-15	22-Oct-15	Bridge C4 - Erect Pier Segment at Pier 28 (2 nos) > By Crane											
1022-1454	Erect Temp. Support on Top of Pier Segment P33 & 32 to much-up level of Ex. Pier 34	7	12-Oct-15	19-Oct-15	Erect Temp. Support on Top of Pier Segment P33 & 32 to much-up level of Ex. Pier 34											
1022-1455	Move LG1 to Temp. Support at Pier 33-32 from Pier 34-35	2	26-Oct-15	27-Oct-15	Move LG1 to Temp. Support at Pier 33-32 from Pier 34-35											
1022-1455.2	Luanch LG1 to Pier 28 - Pier 30	5	28-Oct-15	02-Nov-15	Luanch LG1 to Pier 28 - Pier 30											
1022-1456.2	Bridge C4 - Erect T-Span Segment at Pier 29 (12 nos) > by LG1	9	03-Nov-15	12-Nov-15	Bridge C4 - Erect T-Span Segment at Pier 29 (12 nos) > by LG1											
1022-1456.3	Bridge C4 - Erect End Span Segment at Pier 28N (4 nos) > by LG1	3	13-Nov-15	16-Nov-15	Bridge C4 - Erect End Span Segment at Pier 28N (4 nos) > by LG1											
1022-1456.4	Bridge C4 - Erect T-Span Segment at Pier 30 (10 nos) > by LG1	7	17-Nov-15	24-Nov-15	Bridge C4 - Erect T-Span Segment at Pier 30 (10 nos) > by LG1											
1022-1456.5	Luanch LG1 to Pier 31 - Pier 33	1	25-Nov-15	25-Nov-15	Luanch LG1 to Pier 31 - Pier 33											
1022-1457	Bridge C4 - Erect T-Span Segment at Piers 31 (12 nos) > by LG1	9	26-Nov-15	05-Dec-15	Bridge C4 - Erect T-Span Segment at Piers 31 (12 nos) > by LG1											
1022-1458	Bridge C4 - Erect End Span Segment at Piers 32 (4 nos) > by LG1	3	07-Dec-15	09-Dec-15	Bridge C4 - Erect End Span Segment at Piers 32 (4 nos) > by LG1											
1022-1458.2	Bridge C4 - Stitching between Pier 28 - 29	2	17-Nov-15	18-Nov-15	Bridge C4 - Stitching between Pier 28 - 29											
1022-1458.3	Bridge C4 - Stitching between Pier 29 - 30	2	25-Nov-15	26-Nov-15	Bridge C4 - Stitching between Pier 29 - 30											
1022-1458.4	Bridge C4 - Stitching between Pier 30 - 31	2	07-Dec-15	08-Dec-15	Bridge C4 - Stitching between Pier 30 - 31											
1022-1459	Bridge C4 - Stitching between Pier 31 - 32	2	10-Dec-15	11-Dec-15	Bridge C4 - Stitching between Pier 31 - 32											
1022-1460	Bridge C4 - External Stressing	10	12-Dec-15	23-Dec-15	Bridge C4 - External Stressing											
1022-3830	Complete Part of Portion VB (from Pier 28 - Pier 32)	0		11-Dec-15*	Complete Part of Portion VB											
<b>Bridge C5</b>																
1022-1570	Bridge C5 - Erect T-span at Pier 33 (10 nos) > by LG1	9	10-Dec-15	19-Dec-15	Bridge C5 - Erect T-span at Pier 33 (10 nos) > by LG1											
1022-1575	Bridge C4 - Erect End Span Segment at Piers 32 (5 nos) > by LG1	5	21-Dec-15	26-Dec-15	Bridge C4 - Erect End Span Segment at Piers 32 (5 nos) > by LG1											

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**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Sept to 19 Dec 2015 )**

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015														
					September			October			November			December					
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20
1022-1578	Luanch LG1 to Pier 34 - Pier 36	1	28-Dec-15	28-Dec-15															
1022-1600	Bridge C5 - Stitching between Pier 32 and 33	3	28-Dec-15	30-Dec-15															
<b>10.3 - Middle Bridge (Bridge F)</b>																			
<b>10.3.1 - Pier Construction</b>																			
<b>Abutment D12</b>																			
1031-1920	Complete ABUT D12 at Middle Bridge	45	09-Nov-15	31-Dec-15															
<b>10.5 - Temporary Bridge</b>																			
<b>10.5.1 - Temporary Bridge 'TA'</b>																			
1051-3270	Demolition TA2 (Preparation and Mobilization) - TA28-27	7	27-Nov-15	04-Dec-15															
1051-3280	Demolition TA2 (Removal of Bridge Deck) - TA28-27	6	05-Dec-15	11-Dec-15															
1051-3290	Demolition TA2 (Removal of Pier 28)	5	12-Dec-15	17-Dec-15															
1051-3300	Demolition TA2 (Preparation and Mobilization) - TA27-26	7	04-Dec-15	11-Dec-15															
1051-3310	Demolition TA2 (Removal of Bridge Deck) - TA27-26	6	11-Dec-15	17-Dec-15															
1051-3320	Demolition TA2 (Removal of Pier 27)	5	18-Dec-15	23-Dec-15															
1051-3380	Demolition TA2 (Preparation and Mobilization) - TA24-23	7	27-Nov-15	04-Dec-15															
1051-3390	Demolition TA2 (Removal of Bridge Deck) - TA24-23	6	04-Dec-15	10-Dec-15															
1051-3400	Demolition TA2 (Preparation and Mobilization) - TA23-21	7	02-Dec-15	09-Dec-15															
1051-3410	Demolition TA2 (Removal of Bridge Deck) - TA23-21	6	11-Dec-15	17-Dec-15															
1051-3420	Demolition TA2 (Removal of Pier 22 & 21)	8	18-Dec-15	28-Dec-15															
1051-3470	Demolition TA2 (Removal of Pier 23)	3	28-Dec-15	30-Dec-15															
1051-3480	Demolition TA2 (Preparation and Mobilization) - TA24-25	6	07-Dec-15	12-Dec-15															
1051-3490	Demolition TA2 (Removal of Bridge Deck) - TA24-25	8	14-Dec-15	22-Dec-15															
1051-3500	Demolition TA2 (Removal of Pier 24)	3	23-Dec-15	26-Dec-15															
1051-3501	Demolition TA2 (Preparation and Mobilization) - TA25-26	6	14-Dec-15	19-Dec-15															
1051-3502	Demolition TA2 (Removal of Bridge Deck) - TA25-26	8	21-Dec-15	30-Dec-15															
<b>10.6 - Tunnel Approach Ramp</b>																			
<b>10.6.1 - Approach Ramp (Excluding Portion IIB)</b>																			
<b>Bored Piles</b>																			
1061-3980	Pre Bored H-Pile > Pile Ramp - BN14 A	10	21-Sep-15*	03-Oct-15															
1061-4000	Pre Bored H-Pile > Pile Ramp - BN14 B	14	25-Sep-15	13-Oct-15															
1061-4020	Pre Bored H-Pile > Pile Ramp - BN15 A	14	14-Oct-15*	30-Oct-15															
1061-4040	Pre Bored H-Pile > Pile Ramp - BN15 B	14	19-Oct-15	04-Nov-15															
1061-4060	Pre Bored H-Pile > Pile Ramp - BN16 A	14	24-Oct-15	09-Nov-15															
1061-4080	Pre Bored H-Pile > Pile Ramp - BN16 B	14	29-Oct-15	13-Nov-15															
1061-4100	Pre Bored H-Pile > Pile Ramp - BM07 A	14	03-Nov-15	18-Nov-15															
1061-4120	Pre Bored H-Pile > Pile Ramp - BM07 B	14	07-Nov-15	23-Nov-15															
1061-4140	Pre Bored H-Pile > Pile Ramp - BM08 A	14	12-Nov-15	27-Nov-15															
1061-4160	Pre Bored H-Pile > Pile Ramp - BM08 B	14	17-Nov-15	02-Dec-15															
1061-4180	Pre Bored H-Pile > Pile Ramp - BM06 A	14	21-Nov-15	07-Dec-15															
1061-4200	Pre Bored H-Pile > Pile Ramp - BM06 B	14	26-Nov-15	11-Dec-15															
1061-4220	Pre Bored H-Pile > Pile Ramp - BM05 A	14	01-Dec-15	16-Dec-15															
1061-4240	Pre Bored H-Pile > Pile Ramp - BM05 B	14	05-Dec-15	21-Dec-15															
1061-4260	Pre Bored H-Pile > Pile Ramp - BM04 A	14	10-Dec-15	26-Dec-15															
1061-4280	Pre Bored H-Pile > Pile Ramp - BM04 B	14	15-Dec-15	31-Dec-15															
<b>ELS</b>																			
1061-1200	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Northern Side	14	15-Oct-15*	31-Oct-15															
1061-1220	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D09-D08 Northern Side	14	02-Nov-15	17-Nov-15															
1061-1240	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D08-D07 Northern Side	14	18-Nov-15	03-Dec-15															
1061-1260	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D07 Cross Sectional Side	14	04-Dec-15	19-Dec-15															
1061-1320	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Cross Sectional Side	14	15-Oct-15	31-Oct-15															
1061-1340	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Southern Side	14	02-Nov-15	17-Nov-15															
1061-1360	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D09-D08 Southern Side	14	18-Nov-15	03-Dec-15															
1061-1380	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D08-D07 Southern Side	14	04-Dec-15	19-Dec-15															
1061-1390	Install H-Pile King Post	14	15-Oct-15	31-Oct-15															
1061-1400	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D07-D08	7	02-Nov-15	09-Nov-15															
1061-1420	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D08-D09	7	10-Nov-15	17-Nov-15															
1061-1440	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D09-D10	7	18-Nov-15	25-Nov-15															
<b>10.7 - Section X - Miscellaneous Works</b>																			
<b>10.7.1 - TTM Stages</b>																			
1071-1240	TTM Stage 5 - TMLG Consultation and Endorsement	67	29-Jun-15 A	25-Nov-15															
1071-1260	TTM Stage 5 - TTM Enabling Works	1	26-Nov-15	26-Nov-15															

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Sept to 19 Dec 2015 )**

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015														
					September			October			November			December					
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20
1071-1280	TTM Stage 5 - Hing Fat Slip Road Divert 1 Lane through Bridge From Pier E4 to Pier E2' to Release	0		26-Nov-15	◆ TTM Stage 5 - Hing Fat Slip Road Divert 1 Lane through														
<b>11 - SECTION 11 OF THE WORKS</b>																			
<b>11.2 - Roadworks</b>																			
1110-2601	Watermains at Portion X1IA - Stage 1 (parking Meters)	0	10-Aug-15 A	25-Aug-15 A	(parking Meters)														
1110-2700	Watermains at Portion X1IA - Stage 2 (parking Meters)	0	25-Aug-15 A	08-Sep-15 A	Watermains at Portion X1IA - Stage 2 (parking Meters)														
1110-2710	Watermains at Portion X1IA - Stage 3 (parking Meters)	3	09-Sep-15 A	23-Sep-15	Watermains at Portion X1IA - Stage 3 (parking Meters)														
1110-2720	Watermains at Portion X1IA - Stage 4 (parking Meters)	10	24-Sep-15	07-Oct-15	Watermains at Portion X1IA - Stage 4 (parking Meters)														
1110-2730	Watermains at Portion X1IA - Stage 5 (parking Meters)	12	08-Oct-15	22-Oct-15	Watermains at Portion X1IA - Stage 5 (parking Meters)														
1110-2740	Watermains at Portion X1IA - Stage 6 (King Ming Rd. junction)	8	14-Sep-15 A	30-Sep-15	Watermains at Portion X1IA - Stage 6 (King Ming Rd. junction)														
1110-2750	Watermains at Portion X1IA - Stage 7 (King Ming Rd. junction & connection pt.)	12	02-Oct-15	15-Oct-15	Watermains at Portion X1IA - Stage 7 (King Ming Rd. junction & connection pt.)														
1110-2760	Watermains at Portion X1IA - Stage 8 (Run-in/out to carpark at Victoria Ctr.)	13	07-Oct-15	22-Oct-15	Watermains at Portion X1IA - Stage 8 (Run-in/out to carpark at Victoria Ctr.)														
1110-2770	Watermains at Portion X1IA - Stage 9 (Run-in/out to carpark at Victoria Ctr.)	13	23-Oct-15	06-Nov-15	Watermains at Portion X1IA - Stage 9 (Run-in/out to carpark at Victoria Ctr.)														
1110-2780	Watermains at Portion X1IA - Stage 10 (motor cycle parking)	13	23-Oct-15	06-Nov-15	Watermains at Portion X1IA - Stage 10 (motor cycle parking)														
1110-2790	Watermains at Portion X1IA - Stage 11 (motor cycle parking)	12	07-Nov-15	20-Nov-15	Watermains at Portion X1IA - Stage 11 (motor cycle parking)														
1110-2800	Watermains at Portion X1IA - Testing & commissioning of Watermains	4	21-Nov-15	25-Nov-15	Watermains at Portion X1IA - Testing & commissioning of Watermains														
1110-2810	Watermains at Portion X1IA - Reinstatement of Pavement at connection Pt.	4	26-Nov-15	30-Nov-15	Watermains at Portion X1IA - Reinstatement of Pavement at connection Pt.														

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

**Contract HY/2009/19**  
**Three Months Rolling Programme ( 20 Sept to 19 Dec 2015 )**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				2016			
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb
<b>Update 2015-11-20 CWB(CC) - Commissioning Contract (DWP R2a)</b>													
<b>PRELIMINARIES AND GENERAL REQUIREMENTS</b>													
<b>Salient Key Dates and Milestones</b>													
<b>Possession Dates and Vacation Dates</b>													
PO-V	Possession of Portion V (Day 607) - CH2950-3250 / SR3 / SR2 / SCP3	722d	28-Oct-15 A	29-Oct-15 A									
PO-Va	Possession of Portion V (Day 607) - CH2950-3210	722d	28-Oct-15 A	18-Oct-17	3d								
PO-Xa_1	Possession of Portion Xa (Day 650) - ADB Southern Portion (AECOM letter ref: 2015007890T)	679d	10-Dec-15	18-Oct-17	-82d								
PO-Vc	Possession of Portion V (Day 607) - CH3210-3250 - Tentative, To Be Confirmed.	658d	31-Dec-15	18-Oct-17	-24d								
PO-IXb	Possession of Portion IXb (Day 712) - EVB (below +3.6mPD to tunnel top slab)	617d	10-Feb-16	18-Oct-17	6d								
PO-IXc	Possession of Portion IXc (Day 712) - EVB above 3.6mPD	617d	10-Feb-16	18-Oct-17	6d								
<b>Submissions and Approvals</b>													
<b>Initial General Submission</b>													
1210	Submission of 1st Construction video film	0d		20-Nov-15*	-292d								
9932	Submission of 1st Project video film Video1 / Video2 (Release II)	0d		20-Nov-15*	-292d								
1211	Submission of 1st Project video film	0d		31-Jan-16*	0d								
<b>Specified Plans</b>													
1172	Submission of a Traffic management Contingency Plan	90d	20-Nov-15	17-Feb-16	532d								
<b>DETAILED DESIGN OF WORKS</b>													
<b>Permanent Works Design and Engineering</b>													
<b>Metal Roof on MVB</b>													
2182	MVB Roof - Prepare Preliminary Design and Submission	48d	20-Nov-15	18-Jan-16	-41d								
2184	MVB Roof - Finalise preliminary design and ICE Review	24d	19-Jan-16	22-Feb-16	-41d								
<b>Metal Roof on WVB</b>													
2180	WVB Roof - Engineer review & Approval; Consent to Proceed Construction	24d	07-Feb-15 A	18-Dec-15	-51d								
12952d	WVB Roof - Further metal roof (Eastern side) design amendment submission and ICE checks & issue Check Certificate	24d	15-Sep-15 A	11-Dec-15	-51d								

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

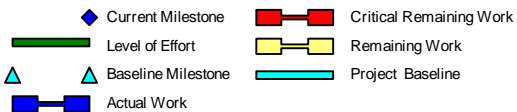
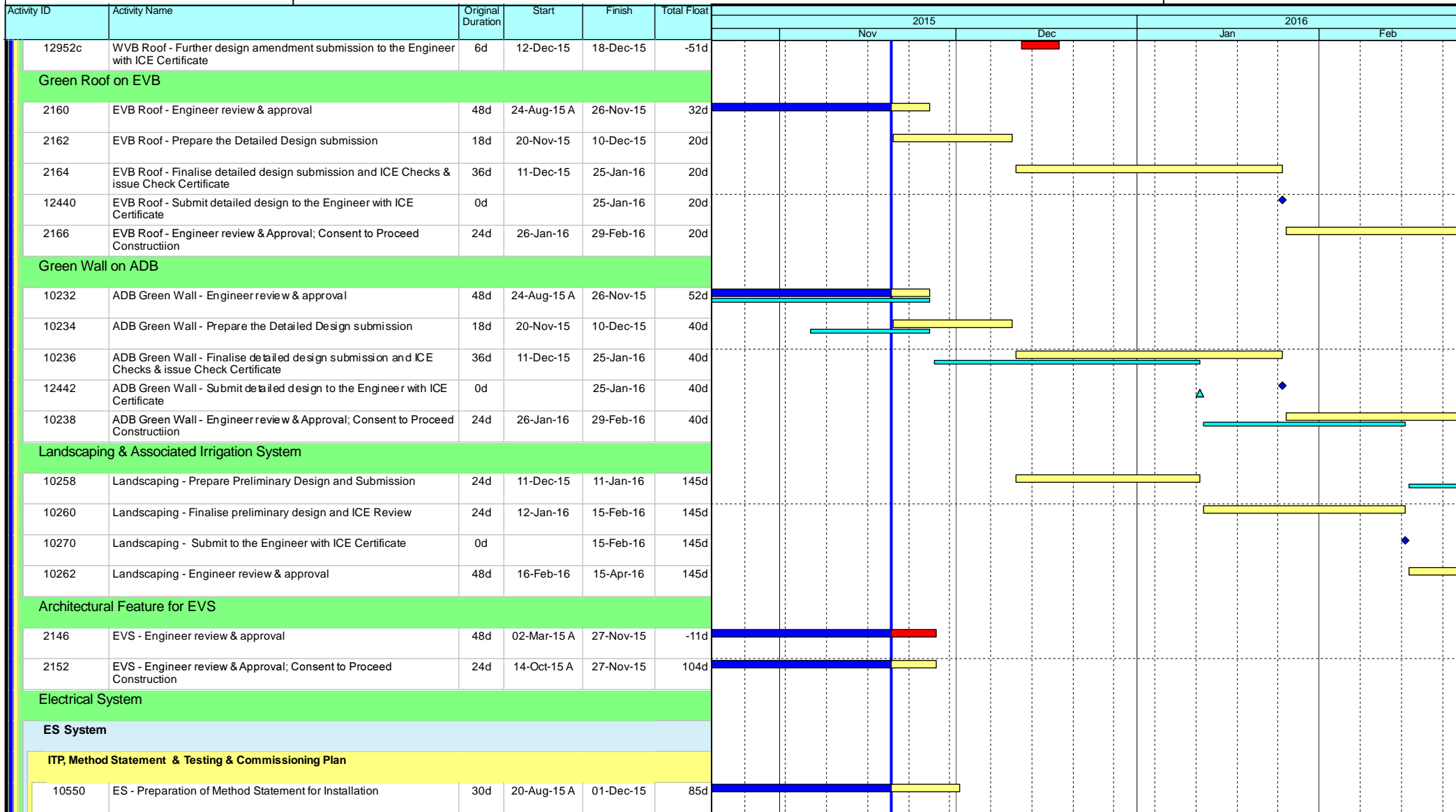
**Leighton Contractors (Asia) Limited**  
**Programme Update 21 (November 2015)**  
**THREE MONTH ROLLING**

Project ID: H2613-U021  
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# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.



## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

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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												2016											
						Nov				Dec				Jan				Feb				Jan				Feb			
						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
10982	ES - Method Statement submission (AECOM review / approval)	60d	06-Oct-15 A	08-Jan-16	55d																								
10980	ES - Method Statement submission (ICE Approval / Cert) - Not required	1d	01-Dec-15	01-Dec-15	85d																								
10552	ES - Preparation of Testing & Commissioning	28d	09-Jan-16	17-Feb-16	140d																								
10554	ES - Testing & Commissioning submission to AECOM	60d	18-Feb-16	03-May-16	140d																								
<b>Building Services System</b>																													
<b>MVAC System</b>																													
<b>Subletting</b>																													
11028	MVAC - Confirm S/C Terms and Issue LOI subject to AECOM Approval	50d	28-Apr-15 A	12-Dec-15	20d																								
<b>ITP, Method Statement &amp; Testing &amp; Commissioning Plan</b>																													
11062	MVAC System - Preparation of Method Statement for Installation	50d	20-Nov-15	20-Jan-16	41d																								
11066	MVAC System - Method Statement (ICE approval / cert)	12d	21-Jan-16	03-Feb-16	41d																								
11068	MVAC System - Method Statement submission to AECOM	68d	04-Feb-16	05-May-16	41d																								
<b>Fire Services System (FS)</b>																													
<b>ITP, Method Statement &amp; Testing &amp; Commissioning Plan</b>																													
11018	FS System - Preparation of Method Statement for Installation	50d	21-Sep-15 A	21-Dec-15	10d																								
11022	FS System - Method Statement (ICE approval / cert) - No ICE needed	1d	22-Dec-15	22-Dec-15	10d																								
11024	FS System - Method Statement submission to AECOM	80d	23-Dec-15	08-Apr-16	10d																								
<b>Plumbing System (PL)</b>																													
<b>Subletting</b>																													
11072	PL - Confirm S/C Terms and Issue LOI subject to AECOM Approval	12d	20-Nov-15	03-Dec-15	184d																								
<b>ITP, Method Statement &amp; Testing &amp; Commissioning Plan</b>																													
11106	PL System - Preparation of Method Statement for Installation	50d	05-Oct-15 A	08-Jan-16	78d																								
<b>Drainage System (DR)</b>																													
<b>ITP, Method Statement &amp; Testing &amp; Commissioning Plan</b>																													
11122	DR System - Method Statement (ICE approval / cert)	13d	12-Oct-15 A	30-Oct-15 A																									

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

## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

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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	Gantt Chart											
						2015				2016							
						Nov	Dec	Jan	Feb								
11124	DR System - Method Statement to AECOM	80d	16-Oct-15 A	13-Nov-15 A													
10500	DR System - Preparation of Testing & Commissioning	60d	20-Nov-15	01-Feb-16	118d												
11126	DR System - Testing & Commissioning to AECOM	90d	02-Feb-16	30-May-16	118d												
<b>Access Road at Area D &amp; E</b>																	
12720	Access Road at Area D & E - Prepare design submission	24d	26-Jan-16	29-Feb-16	274d												
<b>PROCUREMENT, MANUFACTURING &amp; DELIVERIES</b>																	
<b>Procurement; Manufacturing; Deliveries</b>																	
<b>Metal Roof on WVB</b>																	
<b>Shop Drawings</b>																	
12844a	WVB Roof - Shop Drawings review by the Engineer (Eastern Side)	24d	26-Mar-15 A	22-Dec-15	-64d												
12844b	WVB Roof - Shop Drawings review by the Engineer (Western Side)	24d	26-Mar-15 A	01-Dec-15	-91d												
2216	WVB Roof - Obtain Approval for Shop Drawings	0d		22-Dec-15	-64d												
<b>Procurement &amp; Fabrication</b>																	
2218a2	WVB Roof - Fabrication drawing (Western Side) submission to the Engineer and obtain approval	12d	02-Dec-15	13-Dec-15	-91d												
2218	WVB Roof - Confirm design of embed items	0d	14-Dec-15		-85d												
2220a	WVB Roof - assembly units fabrication & delivery	30d	14-Dec-15	12-Jan-16	-85d												
2224	WVB Roof - Metal Roof Fabrication (For Tunnel portal side)	36d	14-Dec-15	18-Jan-16	-91d												
2218a1	WVB Roof - Fabrication drawing (Eastern Side) submission to the Engineer and obtain approval	12d	23-Dec-15	03-Jan-16	-62d												
12776a	WVB Roof - Metal Roof Fabrication (For Eastern side)	36d	04-Jan-16	08-Feb-16	-62d												
2222a	WVB Roof - Commence assembly units installation	0d	13-Jan-16		-85d												
2226	WVB Roof - Commencement of works	0d	19-Jan-16		-74d												
<b>VE Brackets / Panels</b>																	
<b>Procurement &amp; Fabrication</b>																	
12886	VE Brackets / Panels - Manufacturing & Delivery (Brackets) 3rd batch	24d	25-Sep-15 A	09-Dec-15	10d												
12508	VE Brackets / Panels - Manufacturing & Delivery (Panels)	60d	20-Nov-15	18-Jan-16	109d												

- Current Milestone
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- Actual Work

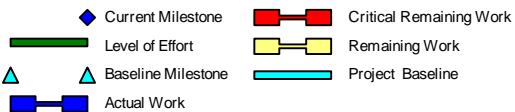
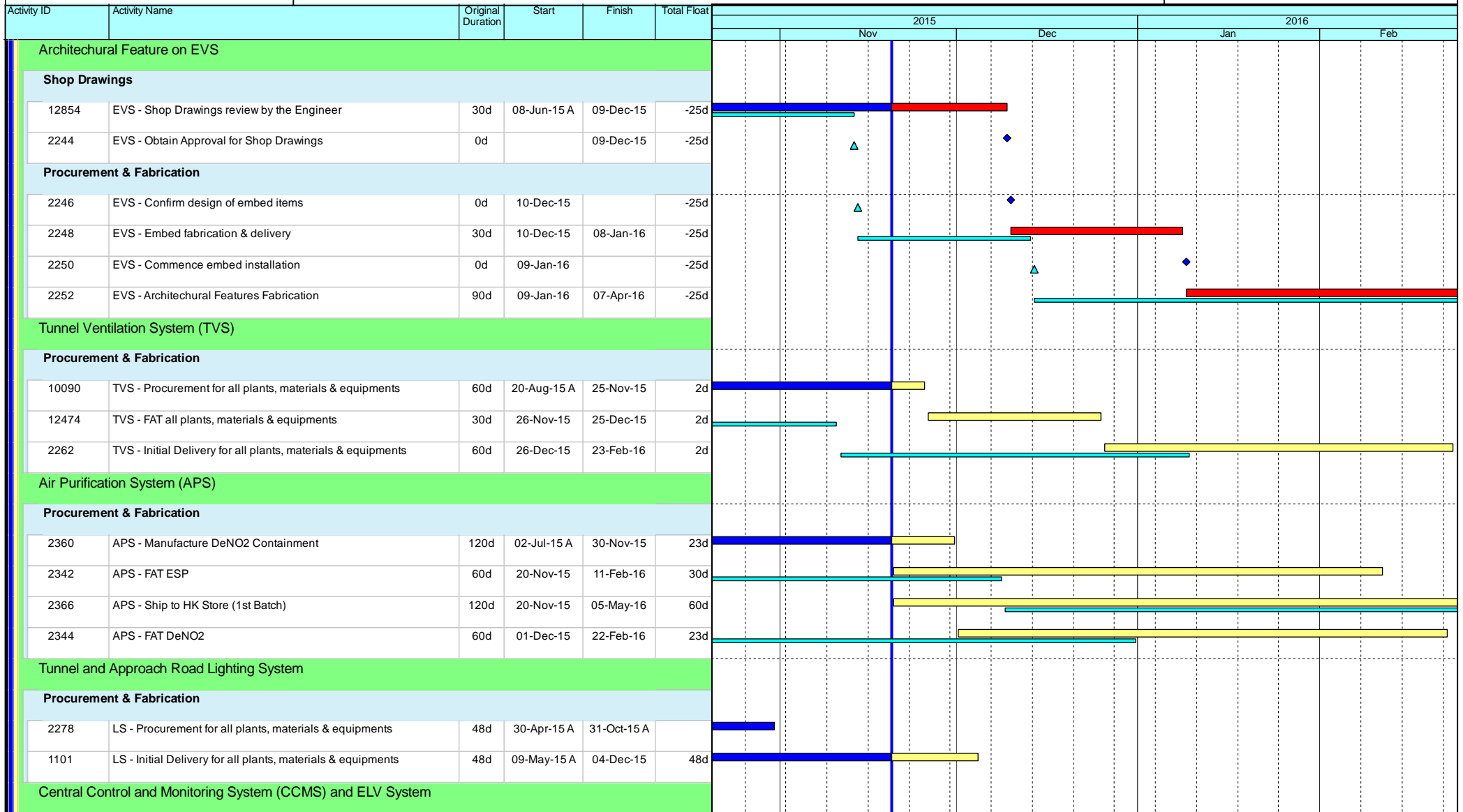
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# CWB(CC) - Commissioning Contract

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## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

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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	Gantt Chart											
						2015				2016							
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb				
<b>Procurement &amp; Fabrication</b>																	
12476	CCMS - FAT for all plants, materials & equipments	30d	20-Nov-15	19-Dec-15	-10d												
2286	CCMS - Initial Delivery for all plants, materials & equipments	60d	20-Dec-15	17-Feb-16	-10d												
<b>Traffic Control and Surveillance System (TCSS)</b>																	
<b>Procurement &amp; Fabrication</b>																	
12478	TCSS - FAT for all plants, materials & equipments	90d	20-Nov-15	17-Feb-16	-30d												
2294	TCSS - Initial Delivery for all plants, materials & equipments	90d	20-Dec-15	18-Mar-16	-30d												
<b>Electrical System</b>																	
<b>Drawing Submission</b>																	
10562	ES - Cable containment layout submission (AECOM review & approval)	60d	19-Aug-14 A	04-Dec-15	205d												
10566	ES - Power layout drawings submission (AECOM review & approval)	60d	20-Aug-14 A	09-Dec-15	200d												
<b>Manufacture &amp; Delivery, FAT</b>																	
10606	ES - LV switchboard FAT	24d	10-Sep-15 A	29-Oct-15 A													
10548	ES - HV switchboard / Transformer Delivery	30d	17-Oct-15 A	25-Nov-15	90d												
10632	ES - UPS system Delivery	24d	21-Oct-15 A	21-Nov-15	166d												
10608	ES - LV switchboard Delivery	30d	30-Oct-15 A	18-Nov-15 A													
10614	ES - MCC FAT	24d	06-Nov-15 A	21-Nov-15	120d												
10616	ES - MCC Delivery	30d	23-Nov-15	29-Dec-15	120d												
<b>Building Services System</b>																	
<b>Shop Drawings / CSD / CBWD</b>																	
2306	BS(WVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Nov-15	622d												
2314	BS(MVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Nov-15	666d												
2318	BS(EVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Nov-15	622d												
<b>MVAC Procurement, Manufacture &amp; Delivery, FAT</b>																	
11060	MVAC System - Manufacture & Deliver	44d	04-Nov-15 A	31-Dec-15	6d												

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

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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				2016					
						Nov		Dec		Jan		Feb			
						1	2	1	2	1	2	1	2		
<b>Fire Services System Procurement, Manufacture &amp; Delivery, FAT</b>															
11016	FS System - Manufacture & Deliver	120d	03-Oct-15 A	07-Nov-15 A											
<b>Plumbing System Procurement, Manufacture &amp; Delivery, FAT</b>															
11102	PL System - Procurement of PL Pump	50d	04-Jul-15 A	31-Oct-15 A											
11104	PL System - Manufacture & Deliver	92d	02-Nov-15 A	02-Mar-16	116d										
12482	PL System - FAT of PL Pump (No FAT required)	0d	20-Nov-15	20-Nov-15	116d										
<b>Drainage System Procurement, Manufacture &amp; Delivery, FAT</b>															
10496	DR System - Manufacture & Deliver	66d	06-Jun-15 A	01-Dec-15	64d										
<b>Thermal Barriers</b>															
<b>Procurement &amp; Fabrication</b>															
12824	TB - Delivery for Thermal Barriers materials(remaining batches)	90d	27-Jun-15 A	29-Dec-15	307d										
<b>Petrol Filling System (Subject to construction details from AECOM)</b>															
<b>Procurement &amp; Fabrication</b>															
12670	Petrol Filling System - Issue PO for Petrol Filling System materials	0d	20-Nov-15		396d										
12672	Petrol Filling System - Delivery for Petrol Filling System materials	48d	20-Nov-15	06-Jan-16	396d										
<b>CONSTRUCTION</b>															
<b>West Ventilation Building (WVB - related)</b>															
<b>Tunnel Section (WVB-related)</b>															
<b>Portion IIa, IIb &amp; IIc [CH1360 to CH1580]</b>															
<b>Westbound</b>															
12208	IIb&IIc(WB) - E&M brackets & VE Panels brackets (include protection) (1920m2)	21d	20-Jul-15 A	12-Dec-15	-24d										
4924a	IIb&IIc(WB) - Thermal Barrier installation (include protection removal) - 1st coat (1 team)	73d	03-Aug-15 A	12-Dec-15	-24d										
4924b	IIb&IIc(WB) - Thermal Barrier installation (include protection removal) - Final coat (1 team)	73d	14-Dec-15	17-Mar-16	-24d										
<b>Eastbound</b>															
6124	IIb&IIc(EB) - Mobilisation & Setup	2d	14-Dec-15	15-Dec-15	41d										

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
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## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

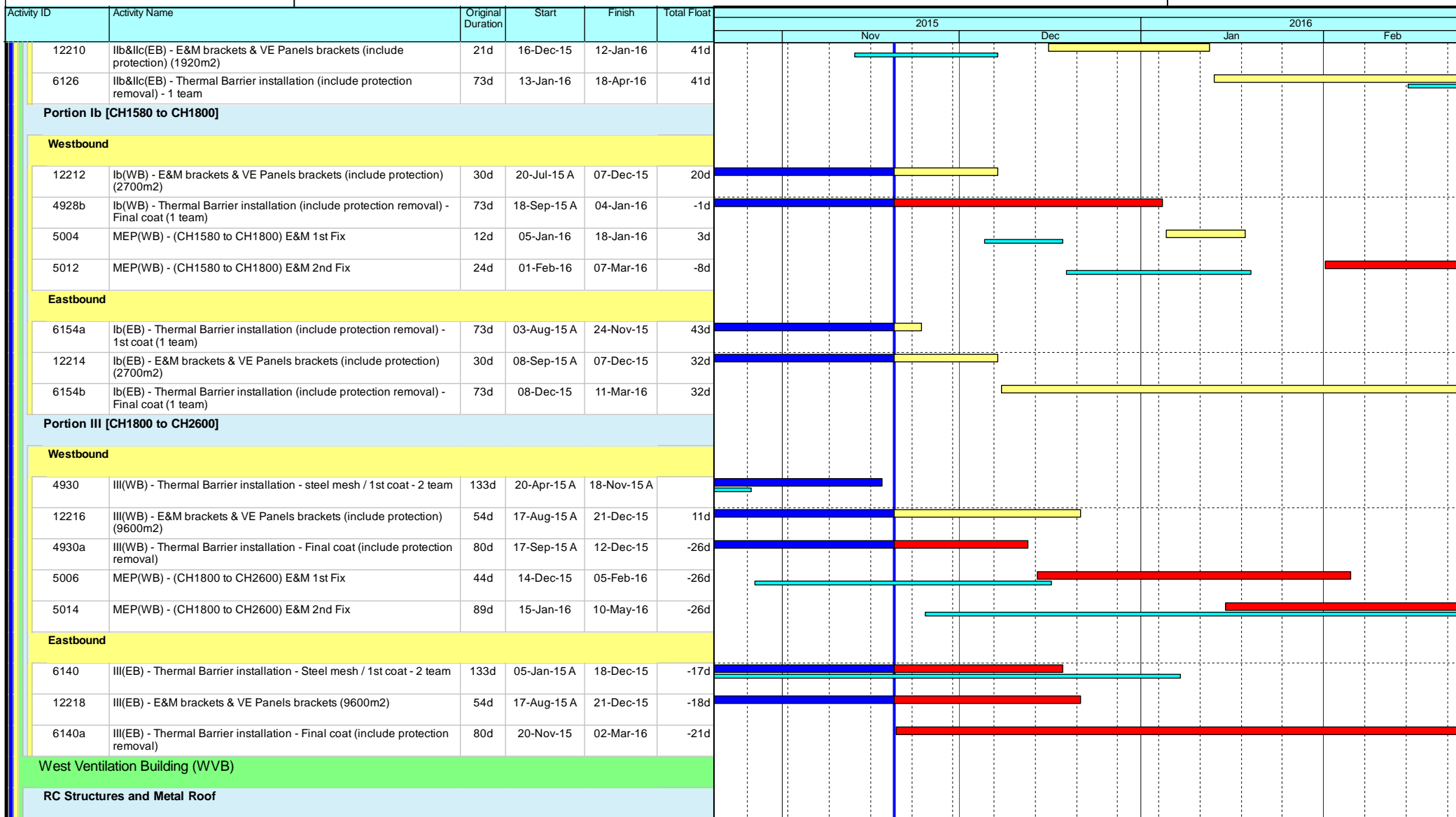
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# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.



West Ventilation Building (WVB)

RC Structures and Metal Roof

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

## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

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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				2016					
						Nov		Dec		Jan		Feb			
						1	2	1	2	1	2	1	2		
<b>Plenum (GL A-C / C-F) (VO 09)</b>															
<b>GL A-C / C-F Plenum (VO 09)</b>															
12892	WVB - VO on drill & fix missing starter bars (VO 09)	48d	28-Feb-14 A	02-Jan-16	-7d										
12982b	WVB - VO on drill & fix missing starter bars - below Grid Line 4 (RFV 4 / 13) (VO 09)	30d	19-Sep-15 A	02-Jan-16	-7d										
<b>1/F</b>															
<b>GL A-C / Column C1-C9</b>															
10350	WVB 1/F - Close formwork for beam & slab	4d	26-May-15 A	23-Dec-15	-31d										
10352	WVB 1/F - Concrete beam & slab	1d	24-Dec-15	24-Dec-15	-31d										
<b>L1-09 Computer Equipment Room</b>															
12728	WVB 1/F (GL A-C) - Internal walls / Cast-in items	12d	04-Jan-16	16-Jan-16	-19d										
<b>L1 (GL A-C) Rooms / Corridors / Staircase</b>															
10354	WVB 1/F (GL A-C) - Internal walls / Cast-in items	24d	04-Jan-16	30-Jan-16	-13d										
<b>R/F</b>															
<b>GL C-F / Column C10-C18</b>															
10008	WVB R/F - Close formwork for beam & slab	4d	28-Dec-15	31-Dec-15	-31d										
10010	WVB R/F - Concrete beam & slab (UR/F)	1d	02-Jan-16	02-Jan-16	-31d										
<b>L2-01 TV Plenum</b>															
10402	WVB L2-01 - Internal walls / Cast-in items	6d	01-Feb-16	06-Feb-16	14d										
10404	WVB L2-01 - RC curb for SFD	6d	15-Feb-16	20-Feb-16	14d										
<b>L2 (GL C-F) Other Rooms / Corridors / Staircase</b>															
10408	WVB R/F (GL C-F) - Internal walls / cast-in items	24d	15-Feb-16	12-Mar-16	14d										
<b>Metal Roof</b>															
10442	WVB - Installation of temporary roof support at tunnel portal	18d	19-Jan-16	15-Feb-16	-74d										
10440	WVB - Erection of 1st steel structure at tunnel portal	6d	16-Feb-16	22-Feb-16	-74d										
<b>MEP &amp; ABWF Works</b>															

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

## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

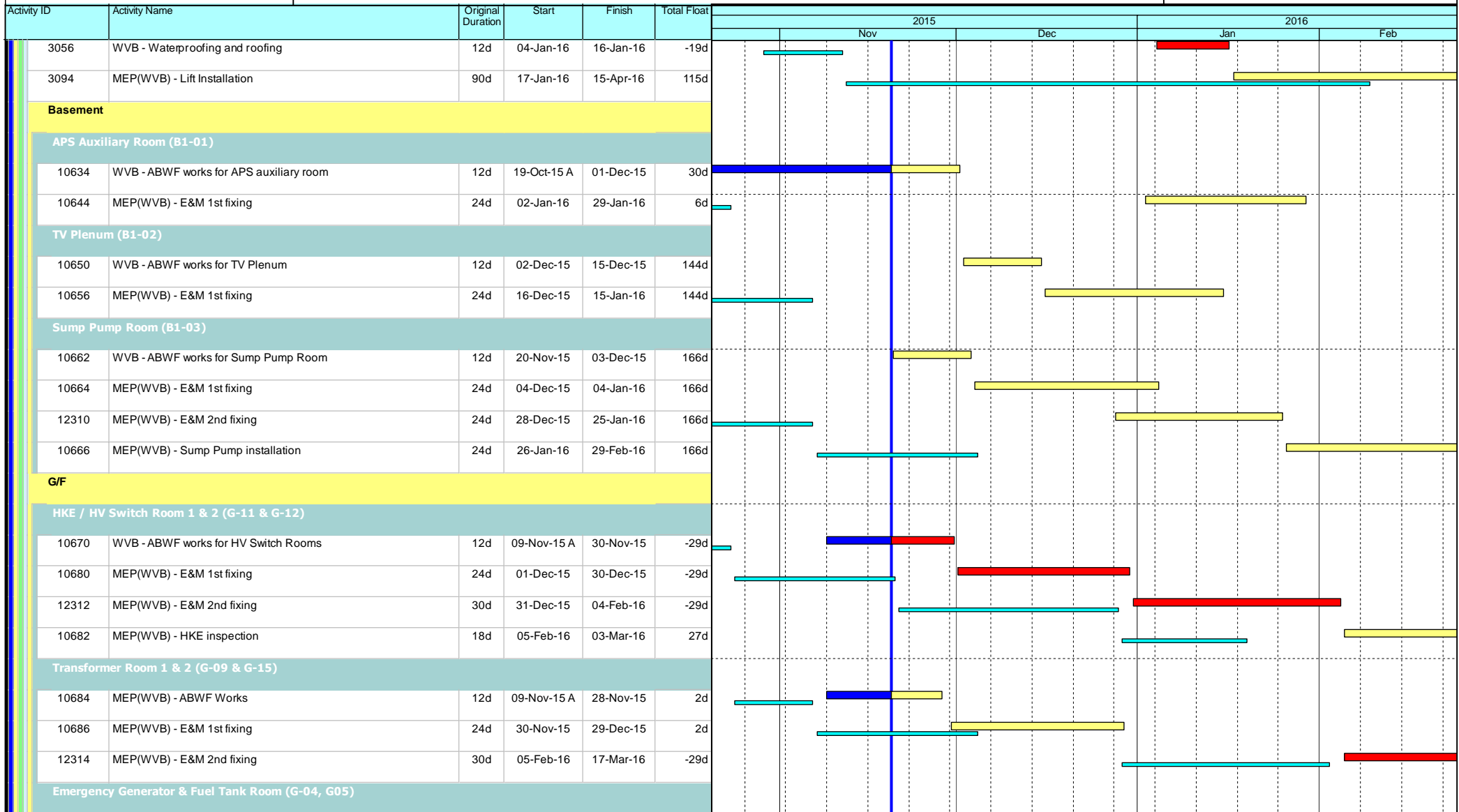
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# CWB(CC) - Commissioning Contract

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 21 (November 2015) THREE MONTH ROLLING

Project ID: H2613-U021  
 Baseline: DWP2a  
 Layout: Update Three Month Rolling U021  
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

Data Date: 20-Nov-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2015				2016							
						Nov	Dec	Jan	Feb								
10694	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	54d												
10696	MEP(WVB) - E&M 1st fixing	24d	02-Dec-15	31-Dec-15	54d												
<b>Fire Control Centre (G-01)</b>																	
10714	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	108d												
10716	MEP(WVB) - E&M 1st fixing	12d	02-Dec-15	15-Dec-15	108d												
<b>Tunnel FS Pump Room (G-02)</b>																	
10722	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	84d												
10724	MEP(WVB) - E&M 1st fixing	12d	02-Dec-15	15-Dec-15	84d												
<b>TVF Room (G-08)</b>																	
10732	MEP(WVB) - ABWF Works	12d	02-Dec-15	15-Dec-15	84d												
10734	MEP(WVB) - E&M 1st fixing	12d	16-Dec-15	31-Dec-15	84d												
<b>FS Water Tank &amp; Pump Room (G-14)</b>																	
10740	MEP(WVB) - ABWF Works	12d	02-Dec-15	15-Dec-15	108d												
10742	MEP(WVB) - E&M 1st fixing	12d	16-Dec-15	31-Dec-15	108d												
<b>Pressurization Fan Room (G-16)</b>																	
10748	MEP(WVB) - ABWF Works	12d	16-Dec-15	31-Dec-15	108d												
10750	MEP(WVB) - E&M 1st fixing	12d	02-Jan-16	15-Jan-16	108d												
<b>Fresh and Flushing Water Tank &amp; Pump Room (G-22)</b>																	
10756	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	144d												
10758	MEP(WVB) - E&M 1st fixing	12d	02-Dec-15	15-Dec-15	144d												
<b>Rain Water &amp; Irrigation Water Tank &amp; Pump Room (G-23)</b>																	
10766	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	156d												
10768	MEP(WVB) - E&M 1st fixing	12d	02-Dec-15	15-Dec-15	156d												
<b>General Area &amp; Corridor</b>																	
10706	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	162d												

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## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

Project ID: H2613-U021  
 Baseline: DWP2a  
 Layout: Update Three Month Rolling U021  
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

Data Date: 20-Nov-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				2016					
						Nov		Dec		Jan		Feb			
						Actual	Remaining	Actual	Remaining	Actual	Remaining	Actual	Remaining		
10708	MEP(WVB) - E&M 1st fixing	30d	02-Dec-15	08-Jan-16	162d										
<b>1/F</b>															
<b>LV Switch Room (L1-10)</b>															
10774	WVB - ABWF works for LV Switch Rooms	12d	01-Feb-16	20-Feb-16	-13d										
<b>TVF Room (L1-03)</b>															
10808	MEP(WVB) - ABWF Works	12d	04-Jan-16	16-Jan-16	-31d										
10810	MEP(WVB) - E&M 1st fixing	24d	18-Jan-16	20-Feb-16	-31d										
<b>Computer Equipment Room (L1-09)</b>															
12730	MEP(WVB) - ABWF Works	12d	18-Jan-16	30-Jan-16	-19d										
12732	MEP(WVB) - E&M 1st fixing	24d	01-Feb-16	05-Mar-16	-19d										
<b>E&amp;M Testing &amp; Commissioning / Statutory Inspection</b>															
12602	MEP(WVB) - DG submission to FSD	0d	02-Feb-16		-20d										
<b>Middle Ventilation Building (MVB - related)</b>															
<b>Tunnel Section (MVB-related)</b>															
<b>Portion V [CH2950 to CH3250] - Original Section in DWP Rev.2a</b>															
5142	Possession of Portion V	0d	28-Oct-15 A												
5144	V - Initial Site Survey	12d	28-Oct-15 A	12-Mar-16	738d										
<b>Westbound (Outer Lane)</b>															
5146	V(WB) - Mobilisation & Setup	6d	18-Nov-15 A	21-Jan-16	-19d										
12226	V(WB) - E&M brackets & VE Panels brackets (include protection) (1800m2)	50d	25-Nov-15	25-Jan-16	-19d										
5148	V(WB) - Thermal Barrier installation (include protection removal) - 1 team	100d	18-Dec-15	27-Apr-16	2d										
<b>Eastbound (Outer Lane)</b>															
5160	V(EB) - Mobilisation & Setup	36d	18-Dec-15	01-Feb-16	-10d										
12228	V(EB) - E&M brackets & VE Panels brackets (include protection) (1800m2)	33d	28-Dec-15	04-Feb-16	-10d										
5162	V(EB) - Thermal Barrier installation (include protection removal) - 1 team	156d	18-Feb-16	26-Aug-16	2d										

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## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

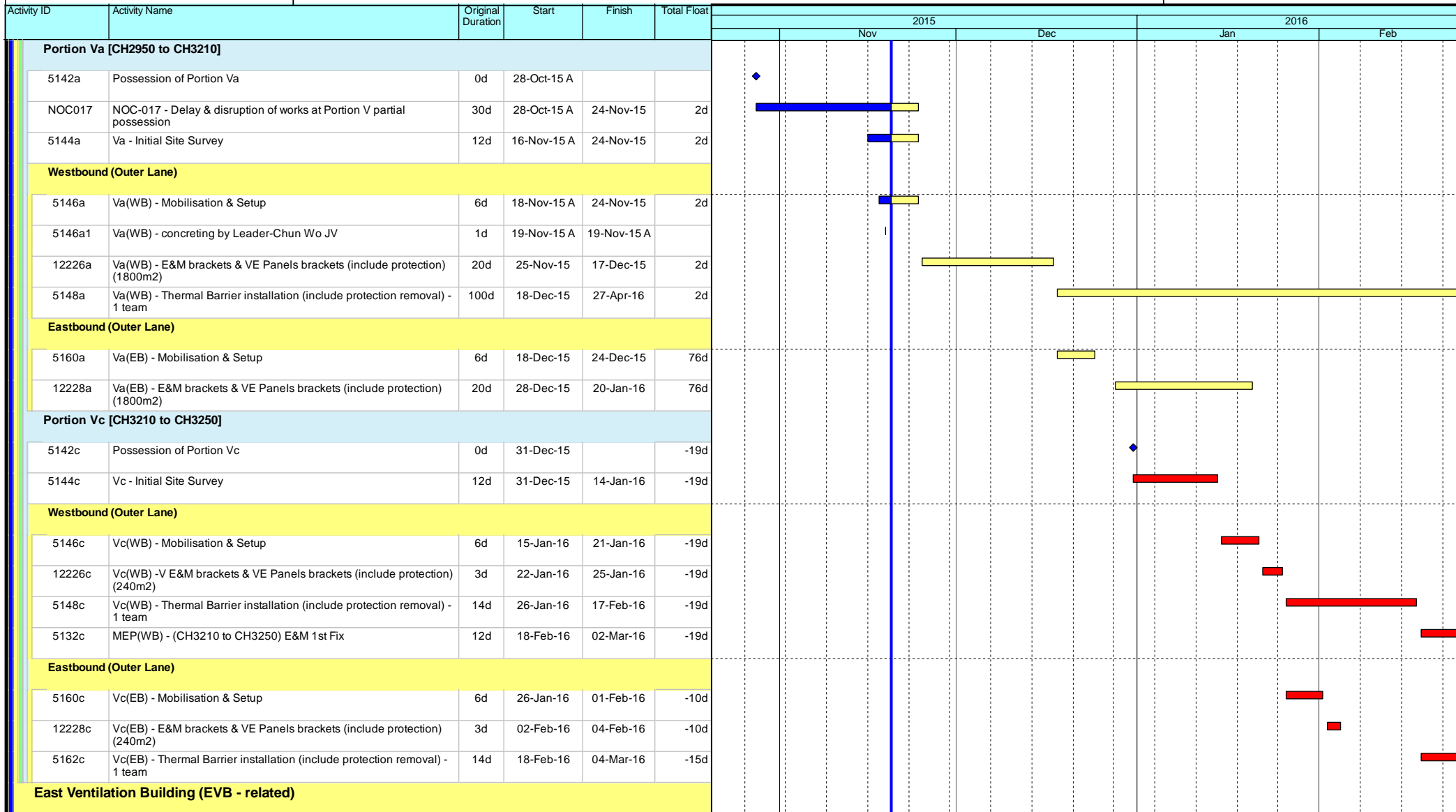
Project ID: H2613-U021  
 Baseline: DWP2a  
 Layout: Update Three Month Rolling U021  
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

Data Date: 20-Nov-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.



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## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

Project ID: H2613-U021  
 Baseline: DWP2a  
 Layout: Update Three Month Rolling U021  
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW



# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				2016										
						Nov		Dec		Jan		Feb								
						1	2	1	2	1	2	1	2							
<b>Tunnel Section (EVB-related)</b>																				
<b>Portion IXd [CH4600 to CH4860]</b>																				
<b>Westbound</b>																				
12250	IXd(WB) - E&M brackets & VE Panels brackets (include protection) (3300m2)	37d	23-Dec-15	06-Feb-16	31d															
<b>Eastbound</b>																				
12252	IXd(EB) - E&M brackets & VE Panels brackets (include protection) (3300m2)	37d	24-Aug-15 A	22-Dec-15	31d															
5322	IXd(EB) - Thermal Barrier installation (include protection removal) - 1 team	87d	19-Dec-15	13-Apr-16	-17d															
<b>Portion IXa [CH4860 to CH5150]</b>																				
<b>Westbound</b>																				
12254	IXa(WB) - E&M brackets & VE Panels brackets (include protection) (3288m2)	37d	08-Sep-15 A	12-Dec-15	85d															
<b>Eastbound</b>																				
12256	IXa(EB) - E&M brackets & VE Panels brackets (include protection) (3288m2)	37d	24-Aug-15 A	11-Dec-15	-16d															
5354	IXa(EB) - Thermal Barrier installation (include protection removal) - 1 team	97d	12-Dec-15	18-Apr-16	-16d															
<b>East Ventilation Building (EVB)</b>																				
<b>Establishment Works</b>																				
3400	Possession of Portion IXb & IXc	0d	15-Feb-16		1d															
3402	EVB - Initial Site Survey	6d	15-Feb-16	20-Feb-16	1d															
<b>RC Structures and Green Roof</b>																				
13088	EVB - Plinths and cast-in items at Basement 2 (start date and duration are tentative, To be confirmed at later stage)	60d	20-Nov-15*	01-Feb-16	169d															
<b>Administration Building (ADB)</b>																				
<b>Establishment Works (Portion Xa)</b>																				
3600	Possession of Portion Xa	0d	10-Dec-15		-67d															
3602	ADB - Initial Site Survey	6d	10-Dec-15	16-Dec-15	-67d															
3604	ADB - Erect Hoarding	12d	17-Dec-15	02-Jan-16	-67d															
3606	ADB - Setup site monitoring station	12d	04-Jan-16	16-Jan-16	-67d															

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

## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

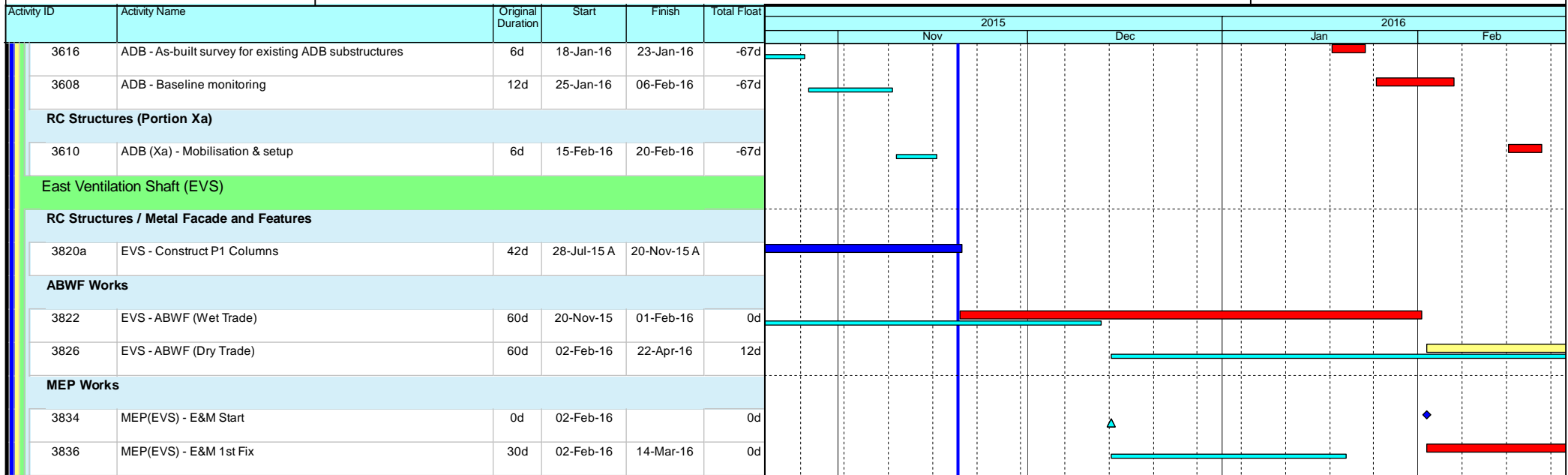
Project ID: H2613-U021  
 Baseline: DWP2a  
 Layout: Update Three Month Rolling U021  
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

Data Date: 20-Nov-15

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, Not HL.



- Current Milestone
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- Actual Work
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- Project Baseline

## Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

Project ID: H2613-U021  
 Baseline: DWP2a  
 Layout: Update Three Month Rolling U021  
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Sep	Oct	Nov	Dec
<b>DWP-06 (A) - Three Months Rolling Programme_updated up to 20-Sep-15</b>								
<b>Works in TS3</b>								
<b>Works in TS3-East</b>								
<b>ELS</b>								
<b>TS3-East ELS Works</b>								
TS3E_5660	ELS Layer 7 - Soft Excav + Strut installation	10	24-Aug-15 A	21-Sep-15 A	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	03-Sep-15 A	22-Sep-15 A	Excavation up to Formation Level (No Rock as Rock Head Level is far below F.L.)			
<b>Cut &amp; Cover Tunnel Structure</b>								
<b>TS3-East CCT - Ch.4500.000 to Ch.4582.140</b>								
<b>TS3 East CCT - Blinding + Waterproofing</b>								
TS3E_6515	TS3(E) Blinding - Bay 1 - 8	8	14-Sep-15 A	27-Sep-15	TS3(E) Blinding - Bay 1 - 8			
TS3E_6525	TS3(E) Waterproofing - Bay 1 - 8	12	22-Sep-15 A	01-Oct-15	TS3(E) Waterproofing - Bay 1 - 8			
<b>TS3 East CCT - Base Slab + Drainage System</b>								
TS3E_6570	CCT Base Slab - Bay 1 (Ch.4500.000 to Ch.4510.000)	8	23-Sep-15 A	01-Oct-15	CCT Base Slab - Bay 1 (Ch.4500.000 to Ch.4510.000)			
TS3E_6610	CCT Base Slab - Bay 5	8	30-Sep-15	07-Oct-15	CCT Base Slab - Bay 5			
TS3E_6580	CCT Base Slab - Bay 2	8	02-Oct-15	09-Oct-15	CCT Base Slab - Bay 2			
TS3E_6620	CCT Base Slab - Bay 6	8	08-Oct-15	15-Oct-15	CCT Base Slab - Bay 6			
TS3E_6590	CCT Base Slab - Bay 3	8	10-Oct-15	17-Oct-15	CCT Base Slab - Bay 3			
TS3E_6630	CCT Base Slab - Bay 7	8	16-Oct-15	23-Oct-15	CCT Base Slab - Bay 7			
TS3E_6600	CCT Base Slab - Bay 4	8	18-Oct-15	25-Oct-15	CCT Base Slab - Bay 4			
TS3E_6640	CCT Base Slab - Bay 8	8	24-Oct-15	31-Oct-15	CCT Base Slab - Bay 8			
<b>TS3 East CCT - Walls + Removal of Struts 7 &amp; 8</b>								
TS3E_6650	CCT Walls - Bay 1	10	10-Oct-15	19-Oct-15	CCT Walls - Bay 1			
TS3E_6690	CCT Walls - Bay 5	10	16-Oct-15	25-Oct-15	CCT Walls - Bay 5			
TS3E_6660	CCT Walls - Bay 2	10	20-Oct-15	29-Oct-15	CCT Walls - Bay 2			
TS3E_6700	CCT Walls - Bay 6	10	26-Oct-15	04-Nov-15	CCT Walls - Bay 6			
TS3E_6670	CCT Walls - Bay 3	10	30-Oct-15	08-Nov-15	CCT Walls - Bay 3			
TS3E_6710	CCT Walls - Bay 7	10	05-Nov-15	14-Nov-15	CCT Walls - Bay 7			
TS3E_6680	CCT Walls - Bay 4	10	27-Nov-15	06-Dec-15	CCT Walls - Bay 4			
TS3E_6720	CCT Walls - Bay 8	10	27-Nov-15	06-Dec-15	CCT Walls - Bay 8			
<b>TS3-East CCT - OHVD Cast in-Situ</b>								
TS3E_6860	TS3(E) Cast OHVD in situ - Bay 1	10	23-Nov-15	02-Dec-15	TS3(E) Cast OHVD in situ - Bay 1			
TS3E_6870	TS3(E) Cast OHVD in situ - Bay 2	10	03-Dec-15	12-Dec-15	TS3(E) Cast OHVD in situ - Bay 2			
TS3E_6880	TS3(E) Cast OHVD in situ - Bay 3	10	09-Dec-15	18-Dec-15	TS3(E) Cast OHVD in situ - Bay 3			
TS3E_6900	TS3(E) Cast OHVD in situ - Bay 5	10	09-Dec-15	18-Dec-15	TS3(E) Cast OHVD in situ - Bay 5			
TS3E_6890	TS3(E) Cast OHVD in situ - Bay 4	10	17-Dec-15	26-Dec-15	TS3(E) Cast OHVD in situ - Bay 4			
TS3E_6910	TS3(E) Cast OHVD in situ - Bay 6	10	19-Dec-15	28-Dec-15	TS3(E) Cast OHVD in situ - Bay 6			
<b>TS3 East CCT - Roof Slab</b>								
TS3E_6730	CCT Roof Slab - Bay 1	10	30-Oct-15	08-Nov-15	CCT Roof Slab - Bay 1			
TS3E_6770	CCT Roof Slab - Bay 5	10	05-Nov-15	14-Nov-15	CCT Roof Slab - Bay 5			
TS3E_6740	CCT Roof Slab - Bay 2	10	09-Nov-15	18-Nov-15	CCT Roof Slab - Bay 2			
TS3E_6780	CCT Roof Slab - Bay 6	10	15-Nov-15	24-Nov-15	CCT Roof Slab - Bay 6			



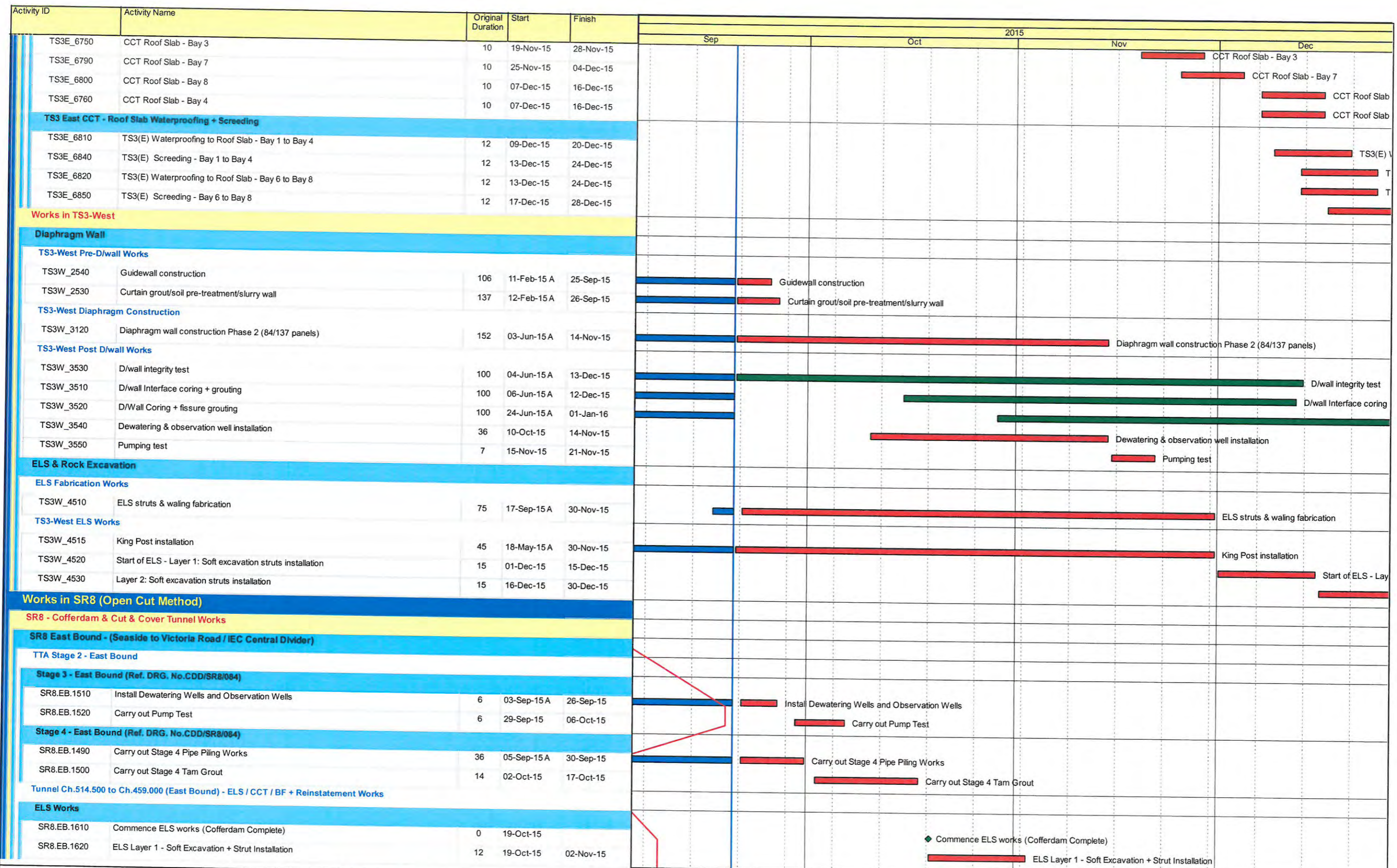
**中國建築工程(香港)有限公司**  
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

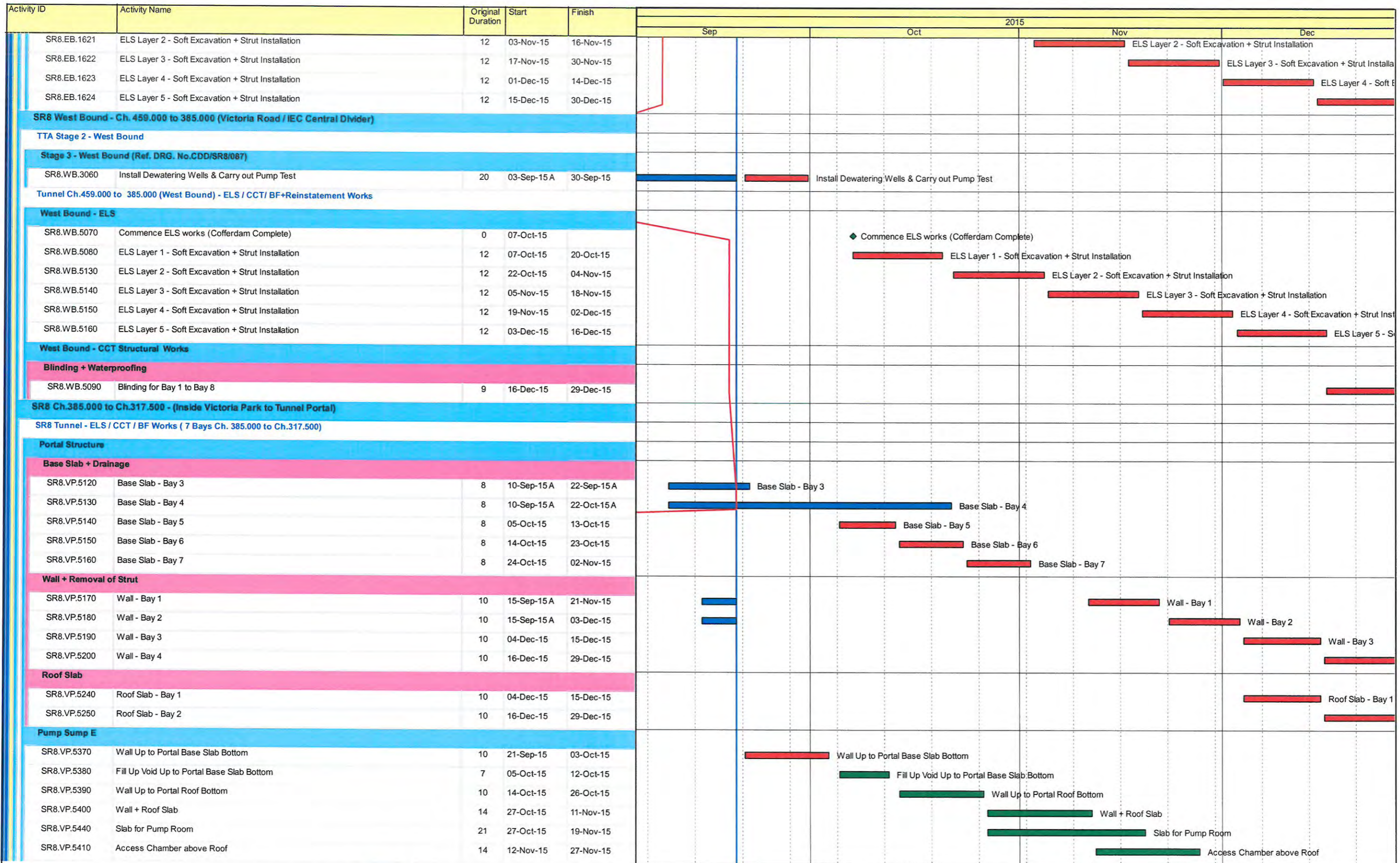
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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

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





Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Sep	Oct	Nov	Dec
SR8.VP.5450	Slab for Elec. Room	21	12-Nov-15	05-Dec-15				Slab for Elec. Room
<b>Backfill &amp; Reinstatement Works Including Removal of Strutting</b>								
SR8.VP.5050	Layer 3&2: Removal of Waling & Struts	7	03-Nov-15	10-Nov-15			Layer 3&2: Removal of Waling & Struts	
<b>SR8 Ch 317.500 to Ch 210.000 - U-Structure &amp; Slab (Victoria Park)</b>								
<b>RC CCT &amp; Backfill Ch317.5000 to Ch240.000</b>								
<b>Structure</b>								
<b>Base Slab</b>								
SR8_1812	SR8 U-structure Base slab (UBA8)	24	08-Sep-15 A	05-Oct-15	SR8 U-structure Base slab (UBA8)			
SR8_1813	Remove SL3 - (UBA8)	14	06-Oct-15	22-Oct-15	Remove SL3 - (UBA8)			
<b>Wall</b>								
SR8_1850B	SR8 U-structure Wall (UBA6-UBA7) - Stage 2	14	10-Apr-15 A	02-Oct-15	SR8 U-structure Wall (UBA6-UBA7) - Stage 2			
SR8_1815A	Remove SL1 (UBA2-UBA5)	18	21-Sep-15	13-Oct-15	Remove SL1 (UBA2-UBA5)			
SR8_1815B	SR8 U-structure Wall (UBA2-UBA5) - Stage 2	21	13-Oct-15	07-Nov-15	SR8 U-structure Wall (UBA2-UBA5) - Stage 2			
SR8_2060	SR8 U-structure Wall (UBA8) - Stage 1	7	23-Oct-15	30-Oct-15	SR8 U-structure Wall (UBA8) - Stage 1			
SR8_2100	Remove SL2, 1 (UBA8)	7	31-Oct-15	07-Nov-15	Remove SL2, 1 (UBA8)			
SR8_2110	SR8 U-structure Wall (UBA8) - Stage 2	7	09-Nov-15	16-Nov-15	SR8 U-structure Wall (UBA8) - Stage 2			
SR8_1950	Waterproofing Works to Wall	14	19-Nov-15	05-Dec-15	Waterproofing Works to Wall			
<b>Utility Through</b>								
SR8_2050	Utility Trough	48	16-Nov-15	14-Jan-16	Utility Trough			
<b>Tsing Fung St - RW &amp; Subway Extension &amp; Toe Wall at Hing Fat St</b>								
<b>Ret. Wall &amp; TF Subway Extension (Portion V)</b>								
<b>Retaining Wall RW8C at Tsing Fung Street (Portion V)</b>								
VP_1770	Install Steel Railing on Top of RW8C	14	20-May-15 A	10-Oct-15	Install Steel Railing on Top of RW8C			
VP_1390	Demolish Top Portion of Existing Wall Head and Kerb	18	05-Jun-15 A	30-Oct-15	Demolish Top Portion of Existing Wall Head and Kerb			
VP_1400	Road Formation - Subbase + Kerb + U-shape Channel	48	30-Oct-15	28-Dec-15	Road Formation - Subbase + Kerb + U-shape Channel			
<b>Retaining Wall + Toe Wall at Hing Fat Street</b>								
<b>Subway Extension at Tsing Fung Street (Portion VIII)</b>								
<b>West Side</b>								
VP_1375.70	Remove Soffit formwork for Roof Slab	32	17-Sep-15 A	02-Oct-15	Remove Soffit formwork for Roof Slab			
<b>East Side</b>								
VP_1375.60	Divert Pedestrian to West Side	2	03-Oct-15	05-Oct-15	Divert Pedestrian to West Side			
VP_1375.60.10	Excavation and Demolition (East Part) of Subway	14	06-Oct-15	22-Oct-15	Excavation and Demolition (East Part) of Subway			
VP_1375.60.20	TFS Subway extension - Blinding and Waterproofing	8	23-Oct-15	31-Oct-15	TFS Subway extension - Blinding and Waterproofing			
VP_1375.60.30	TFS Subway extension - Base slab + Drainage	21	02-Nov-15	25-Nov-15	TFS Subway extension - Base slab + Drainage			
VP_1375.60.40	TFS Subway extension - Walls	18	26-Nov-15	16-Dec-15	TFS Subway extension - Walls			
VP_1375.60.50	TFS Subway extension - Roof Slab	21	17-Dec-15	13-Jan-16	TFS Subway extension - Roof Slab			
<b>RC Works - Toe Wall (RW8E)</b>								
VP_6152	Construct and divert Temporary Footpath	36	20-May-15 A	23-Sep-15 A	Construct and divert Temporary Footpath			
VP_6160	Sheet Piling and Excavation to Formation level	45	21-Sep-15	14-Nov-15	Sheet Piling and Excavation to Formation level			
VP_6180	Blinding layer	36	07-Dec-15	20-Jan-16	Blinding layer			
<b>Works in Victoria Park</b>								
<b>Re-Provisioning Works</b>								
VP_1560	KD5 - Completion of Section 2 of Works (BG & Pavilion)	0		11-Dec-15	KD5 - Completion of Sect			

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Sep	Oct	Nov	Dec
<b>Pavilion</b>								
<b>Materials Submission</b>								
VP_6660	Issue P.O. / Manufacturing / Fabrication	48	20-Apr-15 A	22-Sep-15 A	Issue P.O. / Manufacturing / Fabrication			
<b>Construction Works - BG Pavillion</b>								
VP_1380	PV- structural works, G/F to Roof	24	04-Sep-15 A	25-Sep-15	PV- structural works, G/F to Roof			
VP_1420	PV - ABWF	36	26-Sep-15	10-Nov-15	PV - ABWF			
VP_1430	PV - E&M Works	36	06-Oct-15	17-Nov-15	PV - E&M Works			
VP_1460	PV - T&C	12	18-Nov-15	01-Dec-15	PV - T&C			
VP_1470	PV - Statutory Inspections & Certification	24	18-Nov-15	15-Dec-15	PV - Statutory Ins			
VP_1480	PV - Complete KD5 - Works in Section 2	0		15-Dec-15	◆ PV - Complete KD			
<b>Bowling Green</b>								
<b>Construction Works</b>								
VP_1740	BG - Install Conduit and Lighting System	36	18-Jun-15 A	22-Sep-15 A	BG - Install Conduit and Lighting System			
VP_1730	BG - Install Irrigation System	24	21-Sep-15 A	15-Oct-15	BG - Install Irrigation System			
VP_1745	Test & Commission - Lighting System	16	02-Oct-15	20-Oct-15	Test & Commission - Lighting System			
VP_1450	BG - Re-provisioning works - Hardscape & Furnitures (Green Turf/ Granite Tiles)	36	02-Oct-15	13-Nov-15	BG - Re-provisioning works - Hardscape & Furnitures (Green Turf/ Granite			
VP_1455	Statutory Inspection and Certification	24	14-Nov-15	11-Dec-15	Statutory Inspection and			
VP_1490	BG - Completion of KD5 - Section 2	0		11-Dec-15	◆ BG - Completion of KD5			
<b>Establishment Works for Landscape Softworks</b>								
<b>KD11 - Section 7A: Portion XIV &amp; XV (Victoria Park Open Space)</b>								
EW_1000	Establishment Works - for Landscape Softworks and transplanted trees in Portion XIV & XV	901	23-Feb-15 A	14-Dec-17				
<b>KD12 - Section 7B: Portion VI &amp; VII (Reprov. Bowling Green Area)</b>								
EW_1010	Establishment Works - for Landscape Softworks and transplanted trees in Portion VI & VII	365	16-Dec-15	14-Dec-16				
<b>Preservation and Protection of Trees</b>								
PPT_0000	Preservation and Protection of Existing Trees	1088	21-Mar-13 A	20-Nov-16				