

**Dredging & Reclamation Works Programme Summary
(based on Initial Works Programme Rev. 0)**

ID	Task Name	Duration	Start	Timeline																							
				2010	2011	2012	2013	2014	2015																		
				Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
1	HK/2009/02-Marine & Reclamation Works	2008 d	Thu 28/1/10																								
2	Contract Commencement	0 d	Thu 28/1/10																								
3	General	1879 d	Mon 22/2/10																								
4	Submission & obtain approval for marine GI	21 d	Mon 22/2/10																								
5	Stage 1 Marine GI for reclamation	30 d	Mon 15/3/10																								
6	Engineer's Design review for Dredging of WCR1, WCR2 & WCR4	30 d	Mon 22/3/10																								
7	Relocation of New Star Ferry Pier	0 d	Tue 18/3/14																								
8	Demolition of Existing Star Ferry Pier	100 d	Tue 18/3/14																								
9	Stage 2 Marine GI for Reclamation	14 d	Tue 18/3/14																								
10	Engineer's Design review for Dredging of WCR3	21 d	Tue 25/3/14																								
11	Complete Diversion of Hung Hing Road Traffic Back to Original	20 d	Fri 6/2/15																								
12	Excavate & remove top of d-wall for permanent seawall construction	50 d	Wed 25/2/15																								
13	Submarine Outfall	500 d	Tue 21/9/10																								
14	Dredging, Laying and Backfilling of Submarine Outfall Pipe at Sea	500 d	Tue 21/9/10																								
15	Phase 1 - WCR1	158 d	Wed 21/4/10																								
16	Mobilization of plants	1 d	Wed 21/4/10																								
17	Seabed dredging	63 d	Wed 21/4/10																								
18	Bedding Filling and Permanent seawall (precast cassion)	60 d	Tue 22/6/10																								
19	Bulk reclamation	37 d	Fri 20/8/10																								
20	Phase 2 - WCR2	149 d	Thu 1/3/12																								
21	Mobilization of plants	1 d	Thu 1/3/12																								
22	Temp seawall and Seabed dredging	77 d	Thu 1/3/12																								
23	Bulk reclamation	73 d	Wed 16/5/12																								
24	Phase 3 - TWCR4 & WCR4	98 d	Sat 28/4/12																								
25	Mobilization of plants	1 d	Sat 28/4/12																								
26	Temp Seawall and Seabed dredging	75 d	Sat 28/4/12																								
27	Bulk & temp reclamation	24 d	Wed 11/7/12																								
28	Phase 4 - WCR3	294 d	Tue 18/3/14																								
29	Mobilization of plants	1 d	Tue 18/3/14																								
30	Seabed dredging for Permanent Seawall	112 d	Tue 18/3/14																								
31	Backfill and permanent seawall (precast cassion)	108 d	Tue 8/7/14																								
32	Bulk reclamation	74 d	Fri 24/10/14																								
33	Phase 5 - Construct Permanent Seawall Blocks along curved coastline & Remove TWCR4	105 d	Wed 15/4/15																								
34	Mobilization of plants	1 d	Wed 15/4/15																								
35	Dredging and Filling for permanent seawall construction	50 d	Wed 15/4/15																								
36	Construction of Permanent Seawall Blocks for curved coastline	56 d	Wed 3/6/15																								
37	Remove temp seawall and reinstate the location of TWCR4	30 d	Mon 29/6/15																								

Project: Reclamation Works Programme
Date: Tue 9/3/10

Task		Summary		Rolled Up Progress		Project Summary	
Progress		Rolled Up Task		Split		Group By Summary	
Milestone		Rolled Up Milestone		External Tasks		Deadline	

Activity ID	Cal ID	Activity Description	Orig Dur	Early Start	Early Finish	Year																
						2010	2011	2012	2013	2014	2015	2016	2017									
TCBR1E (TS1 Area)																						
105	1	TCBR1E(TS1)-dredging+rockfill(pre. for seawall)	86	03DEC10*	26FEB11																	
110	1	TCBR1E (TS1)-temporary reclamation	69	28JAN11*	06APR11																	
155	1	TCBR1E (TS1)- removal of temporary reclamation	27	30JAN12*	25FEB12																	
TCBR4																						
100	1	Maintenance dredging for navigation safety for	7	20NOV10*	26NOV10																	
TCBR2 + TCBR3 (TS2 Area)																						
115	1	TCBR2&TCBR3(TS2)- Maintenance dredging for	5	15NOV10*	19NOV10																	
117	1	TCBR2&TCBR3(TS2)-dredge+rockfill seabed	64	16DEC11*	17FEB12																	
120	1	TCBR2&TCBR3(TS2) --temporary reclamation	115	26FEB12*	19JUN12																	
160	1	TCBR2&TCBR3(TS2-removal temporary reclamation	57	18AUG13*	13OCT13																	
TCBR1W (TS4 Area)																						
125	1	TCBR1W(TS4)-dredging+rockfill(pre. for seawall)	40	19DEC10*	27JAN11																	
130	1	TCBR1W(TS4) --temporary reclamation	68	28JAN11	05APR11																	
165	1	TCBR1W(TS4)--removal temporary reclamation	26	27OCT13*	21NOV13																	
TPCWAE																						
135	1	TPCWAE-dredging+rockfill(pre. for seawall)	55	03DEC10*	26JAN11																	
140	1	TPCWAE --temporary reclamation	77	27JAN11	13APR11																	
170	1	TPCWAE--removal temporary reclamation	28	28SEP13*	25OCT13																	
TPCWAW																						
145	1	TPCWAW-dredging+rockfill(pre. for seawall)	47	28OCT13*	13DEC13																	
150	1	TPCWAW --temporary reclamation	83	14DEC13	06MAR14																	
175	1	TPCWAW--removal temporary reclamation	50	02JUL15*	20AUG15																	

 Early Bar
 Progress Bar
 Critical Activity

?Primavera Systems, Inc.

EP02 CHINA STATE CONSTRUCTION ENGG LTD Sheet 1 of 1
 CONTRACT NO. HY/2009/15: CENTRAL WAN CHAI BYPASS- TUNNEL (CBTS SECTION)

Prepared based on IWP Rev. 0
 Date Prepared: 28 Oct 2010

Activity ID	Activity Name	Rem Dur	Start	Finish	2014																
					February					March				April				May			
					0	27	03	10	17	24	03	10	17	24	31	07	14	21	28	05	12
3MRP - Feb 2014 to May 2014																					
01 - CONTRACT DATES																					
01.2 - Possession of Site																					
0120-3000	Possession to Portion IVA	0	09-Mar-14*																		
0120-3100	Possession to Portion IVB	0	09-Mar-14*																		
0120-3200	Possession to Portion IIA	0	09-Mar-14*																		
02 - PRE-CONSTRUCTION WORKS																					
02.2 - Contractor's Submission																					
0220-1510	Road Work Materials/Street Furnitures - Submission	48	20-Feb-14	08-Apr-14																	
0220-1520	Road Work Materials/Street Furniture - ER Review/Comment	48	04-Mar-14	20-Apr-14																	
0220-1530	Road Work Materials/Street Furniture - Resubmission	48	16-Mar-14	02-May-14																	
0220-1540	Road Work Materials/Street Furniture - ER Approval	48	25-Mar-14	11-May-14																	
0220-1550	Road Work Materials/Street Furniture - Procurement & Delivery	60	25-Mar-14	23-May-14																	
0220-1560	Noise Enclosure/Barrier - Steel Material Submission	28	02-Jan-14 A	19-Mar-14																	
0220-1570	Noise Enclosure/Barrier - Steel Material Comment/Resubmission	18	12-Feb-14 A	06-Apr-14																	
0220-1580	Noise Enclosure/Barrier - Steel Material No Adverse Comment	12	07-Apr-14	18-Apr-14																	
02.3 - Method Statement / Shop Drawings																					
0230-1580	MS Bridge F1A/F2A Int. Noise Semi Enclosure - Submission	28	10-Mar-14*	06-Apr-14																	
0230-1590	MS Bridge F1A/F2A Int. Noise Semi Enclosure - ER Review / Comment	15	07-Apr-14	21-Apr-14																	
0230-1600	MS Bridge F1A/F2A Int. Noise Semi Enclosure - Resubmission	12	22-Apr-14	03-May-14																	
0230-1610	MS Bridge F1A/F2A Int. Noise Semi Enclosure - No Adverse Comment	15	04-May-14	18-May-14																	
0230-1500	MS Bridge Demolition Pier E3 to P20 - Submission	24	01-Apr-14*	24-Apr-14																	
0230-1510	MS Bridge Demolition Pier E3 to P20 - ER Review & Comment	18	25-Apr-14	12-May-14																	
0230-1520	MS Bridge Demolition Pier E3 to P20 - Resubmission	18	13-May-14	30-May-14																	
0230-1940	MS Beam Erection D1 to E2 - Submission	18	10-Feb-14 A	09-Mar-14																	
0230-1950	MS Beam Erection D1 to E2 - Comment/Resubmission	18	10-Mar-14	27-Mar-14																	
0230-1960	MS Beam Erection D1 to E2 - No Adverse Comment	12	28-Mar-14	08-Apr-14																	
0230-2030	MS Beam Erection F8 to F15 - Submission	0	02-Jan-14 A	06-Feb-14 A																	
0230-2040	MS Beam Erection F8 to F15 - Review/Comment	0	07-Feb-14 A	18-Feb-14 A																	
0230-2050	MS Beam Erection F8 to F15 - Resubmission	9	19-Feb-14 A	28-Feb-14																	
0230-2060	MS Beam Erection F8 to F15 - No Adverse Comment	15	01-Mar-14	15-Mar-14																	
0230-2080	MS ADB Pre-bored H-pile - No Adverse Comment	0	02-Dec-13 A	19-Feb-14 A																	
0230-1420	MS Permanent Noise Barrier Cantilever - Submission	18	10-Feb-14 A	09-Mar-14																	
0230-1430	MS Permanent Noise Barrier Cantilever - ER Review & Comment	15	10-Mar-14	24-Mar-14																	
0230-1440	MS Permanent Noise Barrier Cantilever - Resubmission	15	25-Mar-14	08-Apr-14																	
0230-1450	MS Permanent Noise Barrier Cantilever - No Adverse Comment	15	09-Apr-14	23-Apr-14																	
0230-1780	MS Temporary Bridge TD - Submission	9	02-Jan-14 A	28-Feb-14																	
0230-1790	MS Temporary Bridge TD - ER Review & Comment	18	01-Mar-14	18-Mar-14																	
0230-1800	MS Temporary Bridge TD - Resubmission	18	19-Mar-14	05-Apr-14																	
0230-1810	MS Temporary Bridge TD - No Adverse Comment	18	06-Apr-14	23-Apr-14																	
02.4 - Contractor's Design and Build Items																					
0240-1041	Temp Bridge "TD" Design - Submission	12	01-Mar-13 A	03-Mar-14																	
0240-1042	Temp Bridge "TD" Design - ER review and comment	15	04-Mar-14	18-Mar-14																	
0240-1043	Temp Bridge "TD" Design - Resubmission	15	19-Mar-14	02-Apr-14																	

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

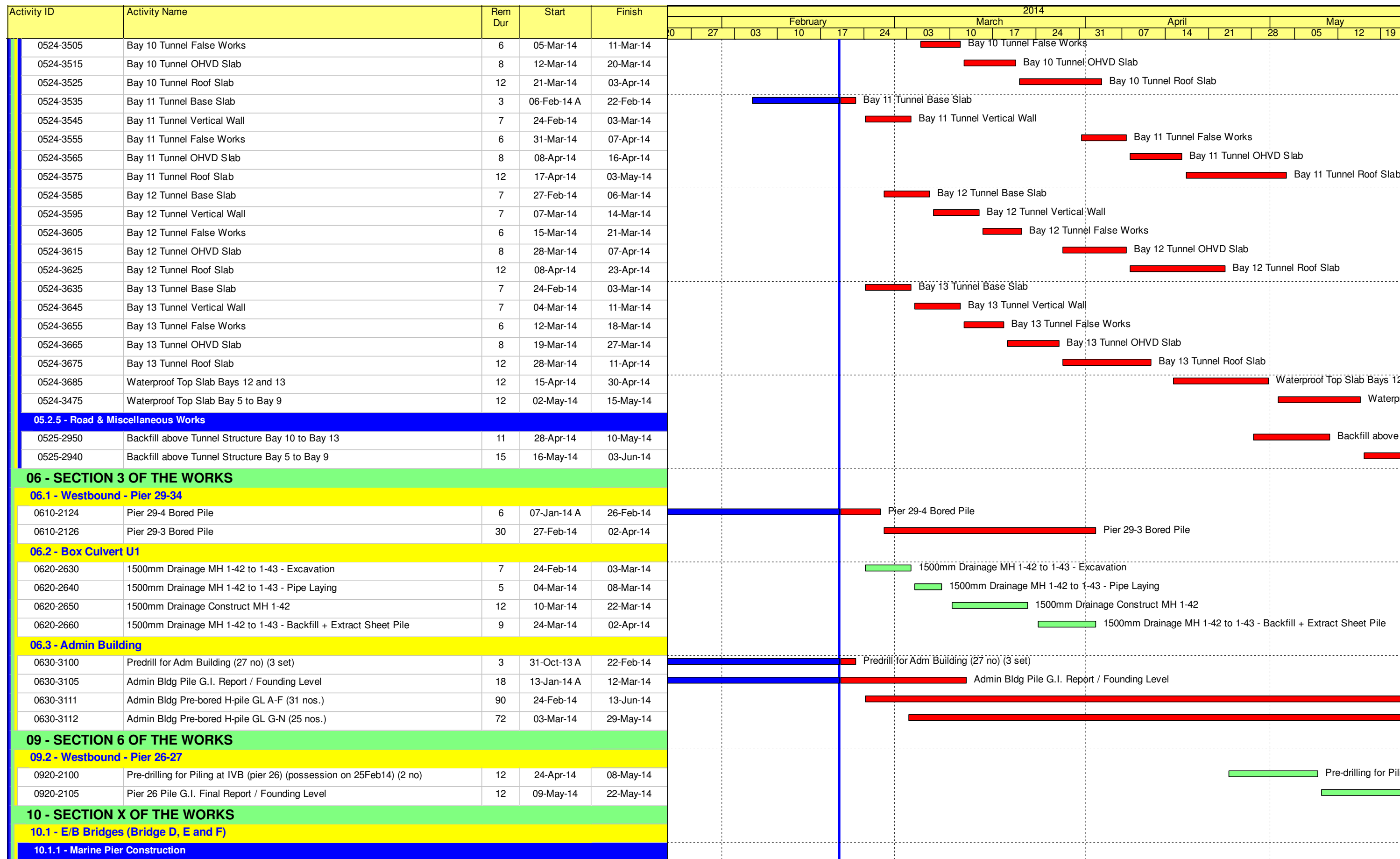
Contract HY/2009/19

Three Month Rolling Programme (20 Feb 2014 to 19 May 2014)

3MRP

3MRP - Feb 2014 to May 2014

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

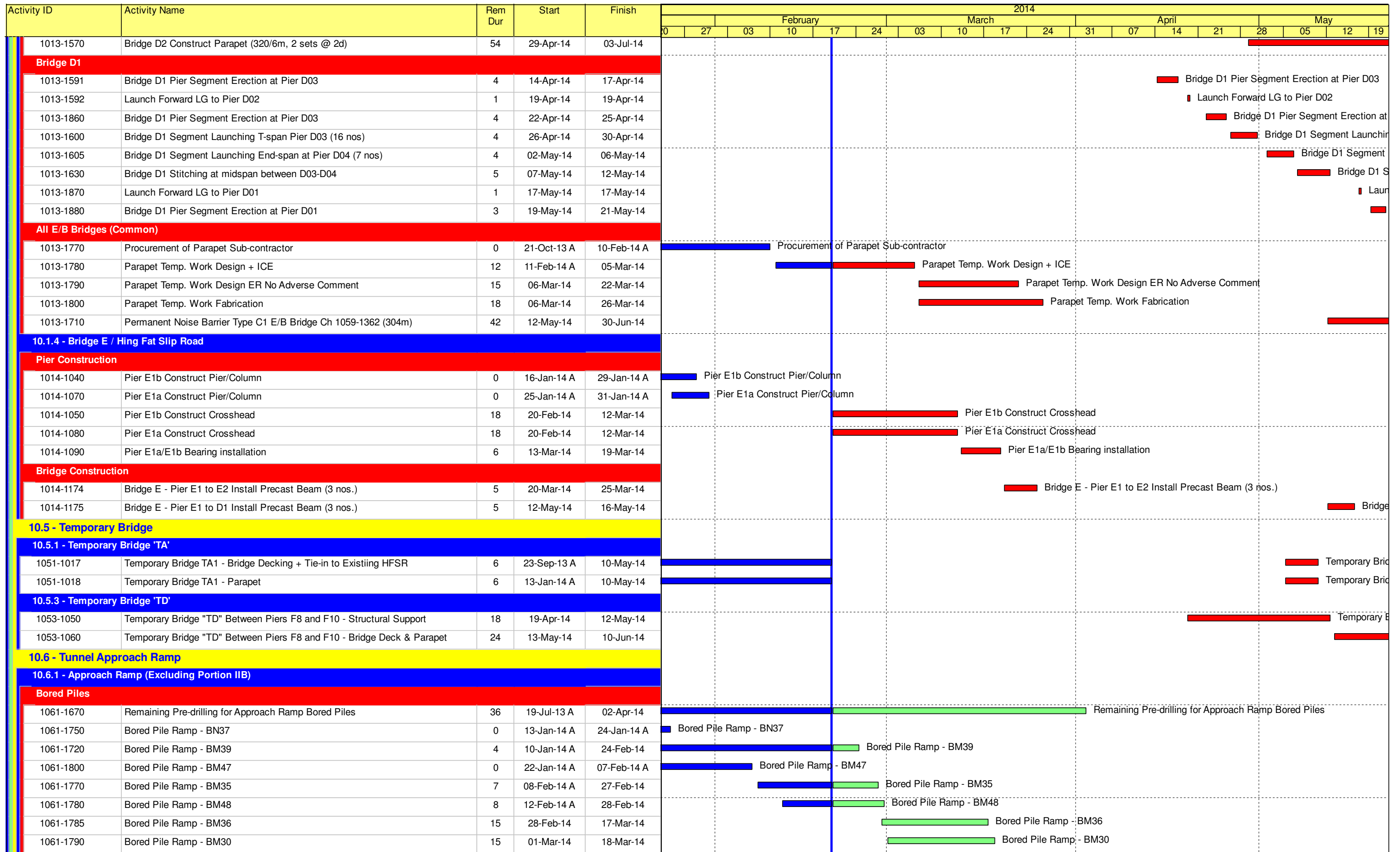
Contract HY/2009/19

Three Month Rolling Programme (20 Feb 2014 to 19 May 2014)

3MRP

3MRP - Feb 2014 to May 2014

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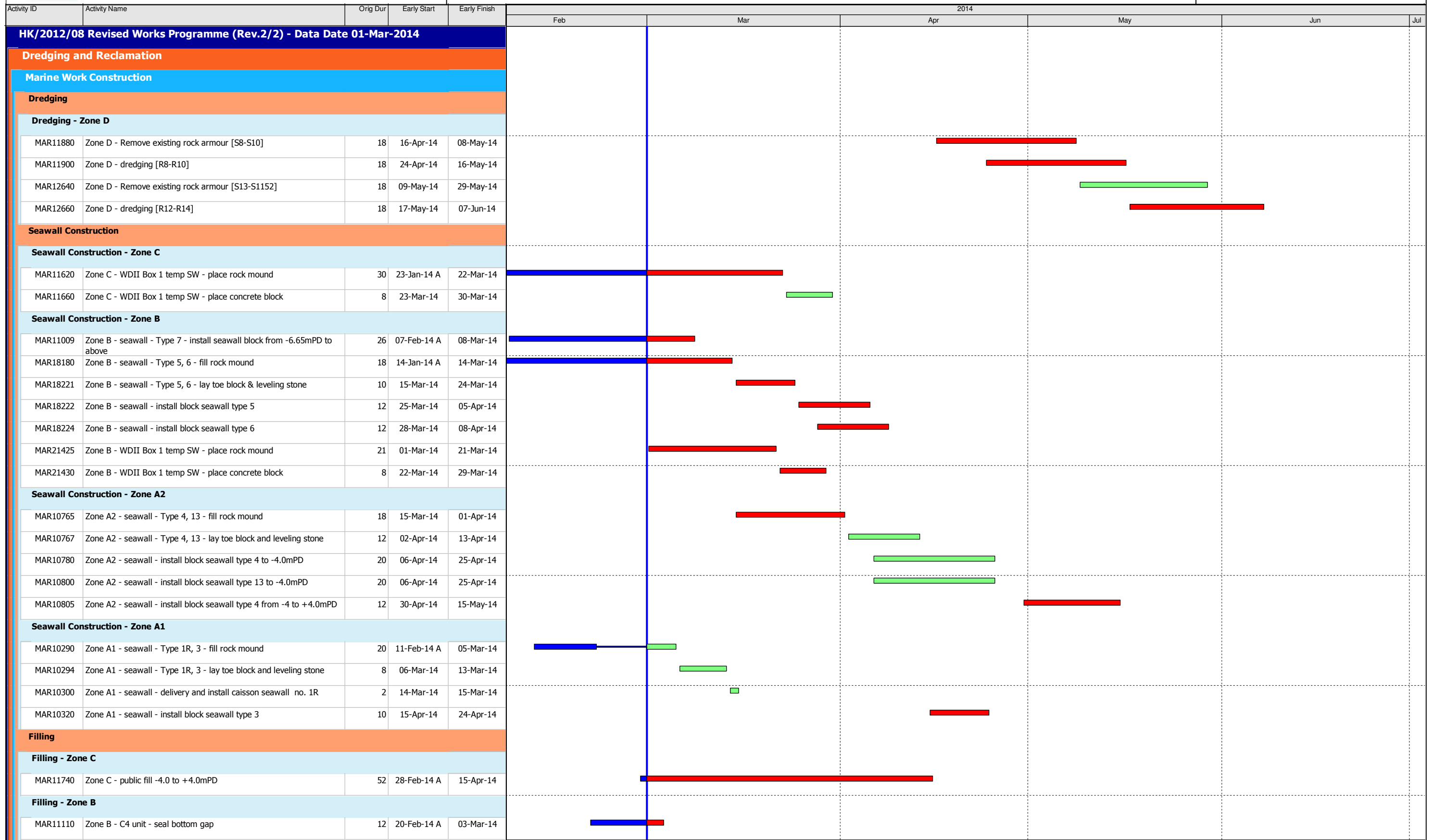
- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

Contract HY/2009/19

Three Month Rolling Programme (20 Feb 2014 to 19 May 2014)

3MRP

3MRP - Feb 2014 to May 2014



Data Date: 01-Mar-14

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

3-Month Rolling Programme for Works outside CRIII Area
(Mar 2014 to May 2014)

Date	Revision	Checked	Approved
01-Mar-14	Rev. 2		



Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	2014						
					Feb	Mar	Apr	May	Jun	Jul	
Section VIII - Landscape Softworks											
Soft Landscaping Works											
SVIII10020	Sec VIII - Tree Felling/Transplanting at Portion 2 & 2A	90	20-Nov-13 A	12-Jun-14							
Section X - Protection & Preservation of Trees											
Soft Landscaping Works											
SX10020	Sec X - Protection & Preservation of Trees	1632	31-Jan-13 A	20-Jul-17							

Activity ID	Activity Name	Original Duration	Start	Finish	2014					
					Jan	Feb	Mar	Apr	May	
HY/2010/08: CWB-SR8 Three Months Rolling Programme_updated up to 20140120										
Works in TS3										
TS3 East & West Reclamation Works										
TS3E - Reclamation (Advance Works)										
TS3E.MW.1025	TS3E North - Dredging Works (Type3 + Type 1 & 2)	59	04-Nov-13 A	17-Jan-14 A	TS3E North - Dredging Works (Type3 + Type 1 & 2)					
TS3E.MW.1030	TS3E North - Rockfill + Levelling Works	13	20-Jan-14 A	06-Feb-14	TS3E North - Rockfill + Levelling Works					
TS3E.MW.1050	C15 - Relocate Vessels	9	07-Feb-14	17-Feb-14	C15 - Relocate Vessels					
TS3E.MW.1060	C15 - Dredging at Temporary Mooring Area	18	18-Feb-14	10-Mar-14	C15 - Dredging at Temporary Mooring Area					
TS3E.MW.1070	C15 - Relocate Vessels	24	11-Mar-14	08-Apr-14	C15 - Relocate Vessels					
TS3E.MW.1080	TS3E South - Dredging Works (Type 3)	19	09-Apr-14	05-May-14	TS3E South - Dredging Works (Type 3)					
TS3E.MW.1085	TS3E South - Dredging Works (Type 1 & 2)	28	07-May-14	09-Jun-14	TS3E South - Dredging Works (Type 1 & 2)					
Works in SR8 (Open Cut Method)										
SR8 - Cofferdam & Cut & Cover Tunnel Works										
SR8 East Bound - (Seaside to Victoria Road / IEC Central Divider)										
TTA Stage 0 - East Bound										
Stage 0B - East Bound (Seaside) (Ref. DRG. No. CDD/SR8/081)										
SR8.EB.0240	Demolish Island / Construct & Relocate New Bus Stop (West of Footbridge)	24	16-Nov-13 A	28-Jan-14	Demolish Island / Construct & Relocate New Bus Stop (West of Footbridge)					
Stage 1A - East Bound (Seaside) (Ref. DRG. No.CDD/SR8/082)										
SR8.EB.1030	Carry out Stage 1A Sheet Pile Work	15	24-Dec-13 A	09-Jan-14 A	Carry out Stage 1A Sheet Pile Work					
SR8.EB.1040	Carry out Stage 1A Pipe Piling Work	28	09-Jan-14 A	05-Mar-14	Carry out Stage 1A Pipe Piling Work					
SR8.EB.1060	Trim down the Sheet Pile and Pipe Pile and construct the Gas Main Trough	12	20-Feb-14	05-Mar-14	Trim down the Sheet Pile and Pipe Pile and construct the Gas Main Trough					
SR8.EB.1050	Carry out Stage 1A TAM Grout	10	06-Mar-14	17-Mar-14	Carry out Stage 1A TAM Grout					
SR8.EB.1070	Divert the Water Main to Seaside	18	06-Mar-14	26-Mar-14	Divert the Water Main to Seaside					
SR8.EB.1090	Trim down the Sheet Pile/Pipe Pile and Divert HEC Cable (11kv) to completed Pipe pile	18	06-Mar-14	26-Mar-14	Trim down the Sheet Pile/Pipe Pile and Divert HEC Cable (11kv) to completed Pipe pile					
SR8.EB.1100	Pre- Laying of One Gas Main Pipe to Gas Trough for diversion at Stage 2	18	06-Mar-14	26-Mar-14	Pre- Laying of One Gas Main Pipe to Gas Trough for diversion at Stage 2					
SR8.EB.1080	Divert Gas Main from Foot Path to Gas Main Trough	18	13-Mar-14	02-Apr-14	Divert Gas Main from Foot Path to Gas Main Trough					
SR8.EB.1110	Shift wiring and Relocation of Lamp Post	12	20-Mar-14	02-Apr-14	Shift wiring and Relocation of Lamp Post					
SR8.EB.1120	Shift Wiring and Relocation of Traffic Control Box	12	20-Mar-14	02-Apr-14	Shift Wiring and Relocation of Traffic Control Box					
SR8.EB.1130	Relocation of Hydrant	12	20-Mar-14	02-Apr-14	Relocation of Hydrant					
Stage 1B - East Bound (Seaside) (Ref. DRG. No.CDD/SR8/082)										
SR8.EB.1210	Carry-out preboring for Stage 1B Sheet Pile	11	31-Mar-14	12-Apr-14	Carry-out preboring for Stage 1B Sheet Pile					
SR8.EB.1220	Carry-out Stage 1B Sheet Piling works	8	11-Apr-14	23-Apr-14	Carry-out Stage 1B Sheet Piling works					
SR8.EB.1230	Carry-out Stage 1B Pipe Piling works	24	24-Apr-14	23-May-14	Carry-out Stage 1B Pipe Piling works					
SR8.EB.1250	Install King Post for Traffic Deck (3 nos.)	16	24-May-14	12-Jun-14	Install King Post for Traffic Deck (3 nos.)					

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

Date	Revision	Checked	Approved
20-Jan-14	Updated to 20th Jan 2014	DML/WC	

Activity ID	Activity Name	Original Duration	Start	Finish	2014					
					Jan	Feb	Mar	Apr	May	
SR8.EB.1255	Carry-out Stage 1B TAM Grout + Jet Grouting (12nos)	22	24-May-14	19-Jun-14						
SR8 West Bound - Ch. 369.000 to 495.000 (Victoria Road / IEC Central Divider)										
TTA Stage 0 (West Bound)										
Stage 1A - West Bound (Inside VP) (Ref. DRG. No.CDD/SR8/085)										
SR8.WB.1050	Carry out stage 1A1 Pipe Piling Work (Row A)	73	12-Nov-13 A	10-Mar-14	Carry out stage 1A1 Pipe Piling Work (Row A)					
SR8.WB.1035	Install Sheet Pile for Road Diversion (Row C)	28	29-Nov-13 A	24-Feb-14	Install Sheet Pile for Road Diversion (Row C)					
SR8.WB.1080	Carry out Stage 1A2 Pipe Piling Work (Row B)	63	19-Dec-13 A	26-Feb-14	Carry out Stage 1A2 Pipe Piling Work (Row B)					
SR8.WB.1115	Trench Excavation & Diversion of Existing 11kv Cable	64	20-Dec-13 A	12-Mar-14	Trench Excavation & Diversion of Existing 11kv Cable					
SR8.WB.1100	Install King Post for Traffic Deck	18	25-Feb-14	17-Mar-14	Install King Post for Traffic Deck					
SR8.WB.1110	Relocate Fire Hydrant and divert the water main	12	04-Mar-14	17-Mar-14	Relocate Fire Hydrant and divert the water main					
SR8.WB.1112	Carry out Stage 1A2 TAM Grout	26	11-Mar-14	10-Apr-14	Carry out Stage 1A2 TAM Grout					
Stage 1B - West Bound (Inside VP) (Ref. DRG. No.CDD/SR8/085)										
SR8.WB.1220	Carry out Stage 1B Sheet Pile Work	5	11-Apr-14	16-Apr-14	Carry out Stage 1B Sheet Pile Work					
SR8.WB.1230	Carry out Stage 1B Pipe Piling Work	12	17-Apr-14	05-May-14	Carry out Stage 1B Pipe Piling Work					
SR8.WB.1240	Carry out Stage 1B TAM Grout	6	07-May-14	13-May-14	Carry out Stage 1B TAM Grout					
SR8.WB.1250	Construction of Traffic Deck and Temporary Road	30	08-May-14	12-Jun-14	Construction of Traffic Deck and Temporary Road					
SR8 Ch.369.000 to Ch.317.500 - (Inside Victoria Park to Tunnel Portal)										
Stage 4 - SR8 Ch.369.000 to Ch317.500 (Tunnel Portal) (Ref. DRG. No.CDD/SR8/087)										
SR8.VP.4010	Carry Out Stage 4 Sheet Pile Works	90	19-Dec-13 A	31-Jul-14	Carry Out Stage 4 Sheet Pile Works					
Tsing Fung St - RW & Subway Extension & Toe Wall at Hing Fat St										
Ret. Wall & TF Subway Extension (Portion V)										
Retaining Wall at Tsing Fung Street (Portion V)										
VP_1215	Construct Temporary Pedestrian Walkway	60	20-Jan-14*	02-Apr-14	Construct Temporary Pedestrian Walkway					
VP_1205	Implement TTA	2	03-Apr-14	04-Apr-14	Implement TTA					
VP_1225	Pre-boring for Sheet Pile	12	07-Apr-14	23-Apr-14	Pre-boring for Sheet Pile					
VP_1235	TFS New Ret. Wall -sheet pile (400 m2)	12	24-Apr-14	09-May-14	TFS New Ret. Wall -sheet pile (400 m2)					
VP_1240	TFS New Ret. Wall - excavation	42	10-May-14	28-Jun-14	TFS New Ret. Wall - excavation					
Works in Victoria Park										
Re-Provisioning Works										
Children's Playground										
Procurement										
VP_0125	Material/Equipment- delivery	48	15-Nov-13 A	13-Jan-14 A	Material/Equipment- delivery					
Construction Works										
VP_1080.03	CP - Catchpits + U-Channel Drainage System	12	22-Nov-13 A	18-Jan-14 A	CP - Catchpits + U-Channel Drainage System					
VP_1200	CP - Install Play Equipment	18	29-Nov-13 A	10-Jan-14 A	CP - Install Play Equipment					

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

Date	Revision	Checked	Approved
20-Jan-14	Updated to 20th Jan 2014	DML/WC	

Activity ID	Activity Name	Original Duration	Start	Finish	2014					
					Jan	Feb	Mar	Apr	May	
VP_1140	CP - Lighting System	18	20-Jan-14	12-Feb-14						
VP_1230	CP - Install Safety Matting	12	27-Jan-14	12-Feb-14						
VP_1160	CP - Completion of KD4 - Works in Section1B	0		12-Feb-14						
Bowling Green Office										
BGO - Construction Works										
VP_1100.02	BGO - site clearance	24	02-Dec-13 A	19-Feb-14						
VP_1150	BGO - Underground utilities & foundation works	36	12-Mar-14	26-Apr-14						
VP_1180.01	BGO - Base Slab	24	28-Apr-14	27-May-14						
VP_1180.02	BGO - Walls	36	14-May-14	25-Jun-14						
Tree Transplanting at Portion XIV (Victoria Park Open Space)										
VP_1040	Tree Transplanting & Upkeep at Portion XIV	347	16-Oct-13 A	13-Jan-15						
Mooring Components Upkeep (CBTS and ATS)										
MAR_2000	Mooring Upkeep at Portion XIX(19) & XX(20) - ATS (if instructed by Engineer)	1399	21-Mar-13 A	17-Feb-17						
Works for Public Works Regional Laboratory (North Lantau)										
Maintenance and Upkeep of New PWRL (Portion XVII)										
PWRL_1050	Maintenance/ Upkeep of New PWRL	1301	19-Jul-13 A	16-Dec-17						

