

Appendix A Construction Programme

Activity ID	Activity Name	OD	RD	Start	Finish	TF	2017				
							Jun	Jul	Aug	Sep	Oct
3-Month Rolling Programme 2017-06-21 (Based on UMP05D)											
Key Dates (Contractual)											
KD-1300	KD10: Stage S4 - Completion of road widening of Fanling Highway within SBZ2 and allow access for HY/2012/06	0	0		20-Jun-17*	-200		◆	KD10: Stage S4 - Completion of road widening of Fanling Highway within SBZ2 and allow access for HY/2012/06		
KD-0900	KD6A: Section 6 - All works in Portion FH9 of the Site but excluding works on the deck surfaces	0	0		21-Jul-17*	0		◆	KD6A: Section 6 - All works in Portion FH9 of the Site but excluding works on the deck surfaces		
KD-1200	KD9: Stage 1C - Completion of viaduct structures and associated civil provisions for TCSS and allow access for other	0	0		11-Aug-17*	0		◆	KD9: Stage 1C - Completion of viaduct structures and associated civil provisions for TCSS and allow access for other		
KD-1400	KD11: Stage N4 - Completion of road widening of Fanling Highway within NBZ1 and allow access for HY/2012/06	0	0		12-Sep-17*	0		◆	KD11: Stage N4 - Completion of road widening of Fanling Highway within NBZ1 and allow access for HY/2012/06		
Key Dates (Forecast)											
KD-1405	KD11: Stage N4 - Completion of road widening of Fanling Highway within NBZ1 and allow access for HY/2012/06	0	0		12-Aug-17*	0		◆	KD11: Stage N4 - Completion of road widening of Fanling Highway within NBZ1 and allow access for HY/2012/06		
KD-0905	KD6A: Section 6 - All works in Portion FH9 of the Site but excluding works on the deck surfaces	0	0		15-Sep-17	-56		◆	KD6A: Section 6 - All works in Portion FH9 of the Site but excluding works on the deck surfaces		
KD-1205	KD9: Stage 1C - Completion of viaduct structures and associated civil provisions for TCSS and allow access for other	0	0		09-Oct-17	-59		◆	KD9: Stage 1C - Completion of viaduct structures and associated civil provisions for TCSS and allow access for other		
Tentative Handover Schedule to TCSS contractor											
HS-C	Allow access for TCSS contractor to carry out TCSS installation works on Bridge C	0	0		20-Sep-17*	0		◆	Allow access for TCSS contractor to carry out TCSS installation works on Bridge C		
HS-D1	Allow access for TCSS contractor to carry out TCSS installation works on Bridge D (from AD1 to AD10)	0	0		01-Oct-17*	0		◆	Allow access for TCSS contractor to carry out TCSS installation works on Bridge D (from AD1 to AD10)		
Dependent Milestones from Other Contracts											
Related to North Buffer Zone											
MS-NBZ140	Shift existing FLHN SB Fast Lane to future FLH 4th Lane by FHW3 Contractor	0	0		30-Sep-17*	0		◆	Shift existing FLHN SB Fast Lane to future FLH 4th Lane by FHW3 Contractor		
Related to South Buffer Zone											
MS-SBZ220	Shift existing TWSRW SB to permanent alignment by FHW3 Contractor	0	0		31-Jul-17*	0		◆	Shift existing TWSRW SB to permanent alignment by FHW3 Contractor		
MS-SBZ120	Shift existing FLHS SB Fast Lane to future FLH 4th Lane by FHW3 Contractor	0	0		11-Aug-17*	0		◆	Shift existing FLHS SB Fast Lane to future FLH 4th Lane by FHW3 Contractor		
MS-SBZ150	Shift existing FLHS NB 3 lanes westward by FHW3 Contractor	0	0		13-Aug-17*	0		◆	Shift existing FLHS NB 3 lanes westward by FHW3 Contractor		
MS-SBZ130	Shift existing FLHS SB Middle Lane to future FLH 3rd Lane by FHW3 Contractor	0	0		16-Sep-17*	0		◆	Shift existing FLHS SB Middle Lane to future FLH 3rd Lane by FHW3 Contractor		
MS-SBZ160	Shift existing FLHS NB Fast Lane to future FLH 4th Lane by FHW3 Contractor	0	0		10-Oct-17*	0		◆	Shift existing FLHS NB Fast Lane to future FLH 4th Lane by FHW3 Contractor		
Major Milestones and Events											
MS-1080b	T8b: TTA to shift FLH NB Middle Lane to the Permanent Alignment (3rd lane) (South Portion)	1	0	20-May-17 A	20-May-17 A			■	T8b: TTA to shift FLH NB Middle Lane to the Permanent Alignment (3rd lane) (South Portion)		
MS-1080c	T8c: TTA to shift FLH NB Slow Lane to the Permanent Alignment (2nd lane) (South Portion)	1	0	10-Jun-17 A	10-Jun-17 A			■	T8c: TTA to shift FLH NB Slow Lane to the Permanent Alignment (2nd lane) (South Portion)		
MS-1090a	T9a: TTA to shift FLHS NB westward (shift 3 lanes), within SBZ	1	1	13-Aug-17	13-Aug-17	0		■	T9a: TTA to shift FLHS NB westward (shift 3 lanes), within SBZ		
MS-1070b	T7b: TTA to shift FLH SB Fast Lane to the Permanent Alignment (4th lane), within SBZ	1	1	13-Aug-17	13-Aug-17	63		■	T7b: TTA to shift FLH SB Fast Lane to the Permanent Alignment (4th lane), within SBZ		
MS-1060c	T6c: TTA to shift FLH SB Fast Lane eastward (North Portion)	1	1	14-Aug-17	14-Aug-17	39		■	T6c: TTA to shift FLH SB Fast Lane eastward (North Portion)		
MS-1070c	T7c: TTA to shift FLH SB Middle Lane to the Permanent Alignment (3rd lane), within SBZ	1	1	17-Sep-17	17-Sep-17	65		■	T7c: TTA to shift FLH SB Middle Lane to the Permanent Alignment (3rd lane), within SBZ		
MS-1060d	T6d: TTA to shift FLH SB eastward (shift 3 Lanes) (South Portion)	1	1	19-Sep-17	19-Sep-17	35		■	T6d: TTA to shift FLH SB eastward (shift 3 Lanes) (South Portion)		
MS-1120a	T12a: TTA to shift FLHN SB Fast Lane to the Permanent Alignment (4th lane), within NBZ	1	1	30-Sep-17	30-Sep-17	38		■	T12a: TTA to shift FLHN SB Fast Lane to the Permanent Alignment (4th lane), within NBZ		
MS-1180d	T8d: TTA to shift FLH NB Fast Lane to the Permanent Alignment (4th lane) (North Portion)	1	1	08-Oct-17	08-Oct-17	14		■	T8d: TTA to shift FLH NB Fast Lane to the Permanent Alignment (4th lane) (North Portion)		



- Actual Work
- Remaining Work
- Summary Bar
- Critical Remaining Work
- Milestone
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CEDD Contract No. CV/2012/09

Liantang / Heung Yuen Wai BCP - Site Formation & Infrastructure Works, Contract 3

3-Month Rolling Programme

Programme ID: 3MPR047 (Data Date: 20-Jun-17) Page 1 of 11

3-Month Rolling Programme updated to 2017-06-21

Date	Revision	Checked	Approved
21-Jun-17	Rev.1	SL	

Activity ID	Activity Name	OD	RD	Start	Finish	TF	2017					
							Jun	Jul	Aug	Sep	Oct	
MS-1090b	T9b: TTA to shift FLHS NB Fast Lane to the Permanent Alignment (4th lane), within SBZ	1	1	10-Oct-17	10-Oct-17	0						
MS-0320	Commissioning of re-aligned TWSRE	0	0	17-Oct-17		0						
Major Procurement & Delivery												
Lift for New Kiu Tau Footbridge												
MM-4000	Procurement, Fabrication and delivery of Lift	120	142	29-May-17 A	08-Nov-17	0						
Design and Submissions												
Statutory Approval												
PRE-1410	Approval of Lift for BFA for new Kiu Tau Footbridge - Hyd	60	0	27-Jul-16 A	27-May-17 A							
PRE-1060	Submission & approval of CDIA report for temporary works on nullah for construction of new retaining wall 3SW-D/FR32	90	90	20-Jun-17*	04-Oct-17	21						Submi
Design Confirmation												
PRE-1590	Confirmation of Noise Barrier Footing Design (NB70) and associated watermain diversion works	0	0		20-Jun-17*	0						
PRE-1600	Confirmation of construction details of FL/C2 to cater for existing wall	0	0		20-Jun-17*	55						
Method Statement and Design (Major) Approved by AECOM												
PRE-2030	Submission of E&M design for lighting of Kiu Tau Footbridge	60	14	05-Sep-16 A	06-Jul-17	64						
PRE-2040	Submission of E&M design for lighting inside viaduct structures of Bridge A, B, C & D	60	14	01-Apr-16 A	06-Jul-17	19						
Section IA & IB - Fanling Highway Widening (KD-1 & KD-2)												
Fanling Highway South Portion between CH6935 and CH7470												
Fanling Highway Zone 1 between CH6935 and CH7130 (within SBZ2)												
At-Grade Roadworks (195m)												
FHW-1220b	Noise Barrier NB68 - Footing at central median (Bay 1 - 3, 63m)	68	33	05-Dec-16 A	28-Jul-17	52						
FHW-1160	Road Drainage, Road Formation & Pavement (FLH SB 4th lane)	90	42	21-Apr-17 A	08-Aug-17	56						
FHW-1310	Temporary Road Pavement (FLH NB 1st lane)	12	12	31-Jul-17	12-Aug-17	0						
FHW-1140a	Watermain diversion for construction of NB70	55	55	20-Jun-17	23-Aug-17	0						
FHW-1170	Road Pavement (FLH SB 3rd lane) by re-surfacing	30	30	14-Aug-17	16-Sep-17	52						
FHW-1140b	Noise Barrier NB70 - Footing adjacent to SB lane (30m)	70	70	08-Jul-17	27-Sep-17	0						
FHW-1320	Road Formation & Pavement, Central Barrier (FLH NB 4th lane)	47	47	14-Aug-17	09-Oct-17	0						
FHW-1180	Road Pavement (FLH SB 2nd lane) by re-surfacing	30	30	18-Sep-17	24-Oct-17	53						
FHW-1330	Road Pavement (FLH NB 3rd lane) by re-surfacing	25	25	11-Oct-17	09-Nov-17	0						
FHW-1110B	Noise Barrier NB6 and NB7 - Remaining Stem Wall adjacent to SB lane (28m)	35	35	28-Sep-17	10-Nov-17	0						
Fanling Highway Zone 2 between CH7130 and CH7290												
At-Grade Roadworks (160m)												
FHW-2320	Road Pavement (FLH NB 2nd lane) by re-surfacing	21	0	22-May-17 A	09-Jun-17 A							
FHW-2330A	Noise Barrier NB67 - Pre-drilling and Mini-Piling adjacent to NB lane within WSD Restriction Zone (Type ID4-1A: 22 nos)	70	67	13-Apr-17 A	06-Sep-17	-20						
FHW-2330B	Noise Barrier NB67 - Pre-drilling and Mini-Piling adjacent to NB lane (Type F5: 36 nos)	82	82	20-Jun-17	23-Sep-17	-5						
FHW-2240	Road Pavement (Middle Part: FLH SB 4th lanes)	30	30	20-Sep-17	26-Oct-17	28						



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3-Month Rolling Programme

Programme ID: 3MPR047 (Data Date: 20-Jun-17) Page 2 of 11

3-Month Rolling Programme updated to 2017-06-21

Date	Revision	Checked	Approved
21-Jun-17	Rev.1	SL	

Activity ID	Activity Name	OD	RD	Start	Finish	TF	2017									
							Jun	Jul	Aug	Sep	Oct					
FHW-2340	Noise Barrier NB67 - Footing adjacent to NB lane (84m)	88	88	07-Sep-17	21-Dec-17	-20										
Fanling Highway Zone 3 between CH7290 and CH7380																
At-Grade Roadworks (130m)																
FHW-3320	Road Pavement (FLH NB 2nd lane) by re-surfacing	21	0	22-May-17 A	09-Jun-17 A											
FHW-3330b	Noise Barrier NB69 - Pre-drilling & Mini-Piling adjacent to NB lane (25nos)	84	77	12-Jun-17 A	18-Sep-17	2										
FHW-3240	Road Pavement (Middle Part: FLH SB 4th lanes)	30	30	20-Sep-17	26-Oct-17	28										
FHW-3340	Noise Barrier NB69 - Footing adjacent to NB lane (108m)	77	77	25-Aug-17	25-Nov-17	2										
Fanling Highway North Portion between CH7470 and CH7925																
Fanling Highway Zone 4 between CH7380 and CH7470																
At-Grade Roadworks (90m)																
FHW-4210	Noise Barrier NB68A - Footing at central median (Bay 19 - 20, 54m)	86	71	02-Jun-17 A	11-Sep-17	28										
FHW-4240	Demolition of existing central divider	14	14	30-Aug-17	14-Sep-17	12										
FHW-4100A	Noise Barrier NB72 - Footing adjacent to SB lane (78m)	88	88	20-Jun-17*	30-Sep-17	32										
FHW-4250	Road Pavement (FLH NB 4th lane) by re-surfacing	18	18	15-Sep-17	07-Oct-17	12										
FHW-4220	Road Pavement, and Central Barrier (Middle Part: FLH SB 4th lanes)	30	30	20-Sep-17	26-Oct-17	28										
FHW-4310	Road Pavement (FLH NB 3rd lane) by re-surfacing	18	18	09-Oct-17	30-Oct-17	12										
FHW-4100B	Noise Barrier NB72 - Footing adjacent to SB lane (12m), access of TWSRE	50	50	17-Oct-17	14-Dec-17	6										
FHW-4120A	Road Drainage, Road Formation & Pavement (FLH SB Merging lane)	70	70	03-Oct-17	27-Dec-17	32										
Fanling Highway Zone 5 between CH7470 and CH7600 (Provision of Kiu Tau Footbridge)																
Kiu Tau Footbridge Re-provision (East)																
FHW-5070b	Installation of Drainage Pipe	30	30	20-Jun-17	25-Jul-17	48										
FHW-5070a	Installation of Lighting Facilities	45	45	26-Jul-17	15-Sep-17	48										
FHW-5070d	Installation of Suspended Ceiling	45	45	26-Jul-17	15-Sep-17	48										
FHW-5070c	Laying of Floor Tiles	45	45	16-Sep-17	10-Nov-17	48										
Provision of BFA Facilities (Lift)																
FHW-L-1000	RC Works for Lift Shaft	38	34	15-Jun-17 A	29-Jul-17	26										
FHW-L-1010	Glazing & Louvre Installation	38	38	31-Jul-17	12-Sep-17	26										
FHW-L-1020	Metal Roof	20	20	13-Sep-17	07-Oct-17	26										
FHW-L-1050	E&M Works including T&C	60	60	31-Jul-17	10-Oct-17	74										
FHW-L-1040	Finishes / Builder's Works	30	30	09-Oct-17	13-Nov-17	46										
Works at existing TWSRE																
FHW-5440	Demolition of existing Kiu Tau Footbridge at southern side incl. staircase and ramp and temp support	12	0	14-May-17 A	21-May-17 A	0										
FHW-5460	Preparation Works for TTA scheme E3B (Shifting TWSRE East Westward, at the area of existing Kiu Tau Footbridge)	38	14	22-May-17 A	06-Jul-17	0										

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Activity ID	Activity Name	OD	RD	Start	Finish	TF	2017							
							Jun	Jul	Aug	Sep	Oct			
FHI-LR1-1000	Completion of Realigned TWSR West and divert traffic onto the new carriageway (Stage S13)	0	0		31-Jul-17	14			◆	Completion of Realigned TWSR West and divert traffic onto the new carriageway				
FHI-LR1-1040a	Noise Barrier NB66 - Pre-drilling & Mini-Piling (Cap 1-9 with 18 piles)	54	46	07-Apr-17 A	12-Aug-17	43								
FHI-LR1-1030	Noise Barrier NB66 - Footing adjacent NB lane (38m long, Bay 1 - Bay 4)	90	71	02-Mar-17 A	11-Sep-17	54								
FHI-LR1-1320	Construction of Footing of sign gantry DS1	56	56	10-Jul-17	12-Sep-17	111								
FHI-LR1-1040a	Noise Barrier NB66 - Footing adjacent NB lane (24m long, Bay 5 - Bay 6)	66	66	10-Jul-17	23-Sep-17	43								
FHI-LR1-1050	Noise Barrier NB67 - Pre-drilling & Mini-Piling (Cap 1-9 for raking piles, 18no.)	58	58	01-Aug-17	09-Oct-17	14								
FHI-LR1-1080	Noise Barrier NB67 - Footing (96m) (Bay 4 - Bay 11)	95	95	20-Jun-17	11-Oct-17	30								
FHI-LR1-1310	Installation of Steelwork & Transparent Panel - Noise Barrier 66 (76m)	20	20	25-Sep-17	19-Oct-17	58								
FHI-LR1-1020	Construction of Retaining Wall beside Abutment AB1 and filling work	137	137	20-Jun-17	30-Nov-17	-12								
FHI-LR1-1060	Noise Barrier NB67 - Footing (37.6m) (Bay 1 - Bay 3)	52	52	10-Oct-17	09-Dec-17	14								
Link Road 2 (near Abutment AA1)														
FHI-LR2-2000	Completion of Demolition of Existing Vehicular Bridge	0	0		20-Jun-17	99			◆	Completion of Demolition of Existing Vehicular Bridge				
FHI-LR2-2040c	Footing of Sign Gantry DS11	14	14	20-Jun-17	06-Jul-17	19								
FHI-LR2-2040b	Road Formation, Road Drainage, Kerb (SMH1302 - 1303 & MY2.4 - 2.5)	45	45	07-Jul-17	28-Aug-17	40								
FHI-LR2-2020	Construction of Retaining Wall beside Abutment AA1	120	120	20-Jun-17*	10-Nov-17	25								
Link Road 3 (near Abutment AD1)														
FHI-LR3-3020	Construction of Retaining Wall beside Abutment AD1	75	75	20-Jun-17*	15-Sep-17	10								
Link Road 4 (near Abutment AC1)														
FHI-LR4-4020	Construction of Retaining Wall beside Abutment AC1	120	80	15-May-17 A	21-Sep-17	0								
FHI-LR4-4030	Road Formation, Road Drainage, TCSS ducting, Kerb and Pavement	105	105	22-Sep-17	29-Jan-18	0								
WSD Works														
DN450 Fire Mains (CHA)														
WA-2040	Pipe Laying - CHA 540 - 625 (DN450) along Ext. planter of TWSR West, 85m	45	0	05-May-17 A	09-Jun-17 A									
WA-1130	Pipe Laying - CHA 315 - 385 (DN450) near Ext. TWSR West, 70m	32	32	20-Jun-17*	27-Jul-17	21								
WA-3010b	Pipe Laying - CHA 705 - 720 (DN450) (saw-cut) along Ext. TWSR West SB, 15m	49	34	14-Jun-17 A	29-Jul-17	101								
WA-2010	Pipe Laying - CHA 460 - 508 (DN450) along Ext. TWSR West NB, 48m	188	45	01-Sep-16 A	11-Aug-17	0								
WA-1120	Pipe Laying - CHA 270 - 315 (DN450) near Ext. TWSR West, 45m	26	26	01-Aug-17	30-Aug-17	18								
WA-2080	Pipe Laying - CHA 625 - 675 (DN450) along Ext. TWSR West SB, 50m	37	37	31-Jul-17	11-Sep-17	101								
WA-1110	Pipe Laying - CHA 155 - 270 (DN450) near Ext. TWSR West, 115m	47	47	31-Aug-17	26-Oct-17	18								
WA-2020	Pipe Laying - CHA 508 - 540 (DN450) along Ext. TWSR West SB, 32m	75	75	12-Aug-17	10-Nov-17	0								
DN600 Water Mains (CHB)														
WB-1060B	Pipe Laying - CHB 577 - 585 (DN600) near J-Bridge, 8m	14	14	07-Jul-17	22-Jul-17	620								

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WB-1030B	Pipe Laying - CHB 360 - 370 (DN600), 10m, from TWSRE to IT inspection tee chamber	21	21	06-Jul-17	29-Jul-17	121									
WB-1050	Pipe Laying - CHB 455 - 510 (DN600), 55m, from combined valve chamber to Realigned TWSR East	20	20	18-Aug-17	09-Sep-17	65									
WB-1040	Pipe Laying - CHB 430 - 455 (DN600), 25m, from Pier AB7 to combined valve chamber	20	20	11-Sep-17	04-Oct-17	65									
DN1200 Water Mains (CHC)															
WC-1120B	Pipe Laying - CHC 835 - 850 (DN1200), underneath J-Bridge, 15m	14	14	20-Jun-17	06-Jul-17	162									
WC-1000B	Pipe Laying - CHC 8 - 70 (DN1200) near Realigned TWSR West (TW SRW: CH100-155), 70m long & 3m depth	28	20	14-Jun-17 A	13-Jul-17	0									
WC-1090B	Pipe Laying - CHC 615 - 625 (DN1200), 10m, from TWSRE to AA4	21	21	06-Jul-17	29-Jul-17	142									
WC-1010	Pipe Laying CHC 70 - 100 (DN1200) along existing TWSRW, 20m long & 3m depth	35	35	14-Jul-17	23-Aug-17	71									
WC-1090E	Pipe Laying - CHC 705 - 730 (DN1200), 25m, near DN1400 connection point	30	30	31-Jul-17	02-Sep-17	65									
WC-1030	Construction of IT inspection tee chamber(s) near the Jacking Pits	50	50	24-Aug-17	23-Oct-17	71									
Twin DN1400 Water Mains (CHE & CHG)															
WE-1060b	Pipe Laying - CHE 280 - 325 (Twin DN1400) from Portal AB7/AD9/AC12 to combined valve chamber	38	0	06-Apr-17 A	20-May-17 A										
WE-1050	Pipe Laying - CHE & CHG 260 - 280 (Twin DN1400) near Pier AD8	26	0	11-May-17 A	31-May-17 A										
WE-4010	Exposure of watermain connection point near NB3	32	25	08-May-17 A	19-Jul-17	4									
WE-4020	Exposure of watermain connection point near NB71	30	30	20-Jun-17	25-Jul-17	4									
WE-1040	Pipe Laying - CHE & CHG 220 - 260 (Twin DN1400) near Pier AA4	26	34	07-Jun-17 A	29-Jul-17	0									
WE-3010A	Pipe Cleaning for CHE (Stage 2 Diversion)	17	17	31-Jul-17	18-Aug-17	0									
WE-3020A	Pressure Test for CHE (Stage 2 Diversion)	7	7	19-Aug-17	26-Aug-17	0									
WE-1080	Construction of combined valve chamber with MBV installation	109	59	25-Jan-17 A	28-Aug-17	21									
WE-3040A	CCTV Inspection and Sterilization for CHE (Stage 2 Diversion)	11	11	28-Aug-17	08-Sep-17	0									
WE-3050A	Connection to Existing Mains (CHE) (Stage 2 Diversion)	4	4	09-Sep-17	13-Sep-17	3									
WE-3030A	Installation of Connecting Pipe at ID5 (CHG)	4	4	14-Sep-17	18-Sep-17	3									
WE-3010B	Pipe Cleaning for CHG (Stage 2 Diversion)	17	17	02-Sep-17	21-Sep-17	0									
WE-3020B	Pressure Test for CHG (Stage 2 Diversion)	7	7	22-Sep-17	29-Sep-17	0									
WE-3040B	CCTV Inspection and Sterilization for CHG (Stage 2 Diversion)	12	12	30-Sep-17	16-Oct-17	0									
WE-3050B	Connection to Existing Mains (CHG) (Stage 2 Diversion)	5	5	17-Oct-17	21-Oct-17	0									
DN2200 Water Mains (CHF)															
WF-1050 A	Construction of Launching Pit (Pit 3) for DN2200 (CHF), Section 3 (near Pier AA7)	33	0	03-Apr-17 A	23-May-17 A										
WF-1000A	Construction of Receiving Pit (Pit 1) for DN2200 (CHF), Section 1 (near Pier AA8)	21	25	27-Mar-17 A	19-Jul-17	623									
WF-1050 B	Construction of Receiving Pit (Pit 4) for DN2200 (CHF), Section 3 (near FLH NB)	30	30	25-Mar-17 A	25-Jul-17	618									
WF-1010	Excavation - CHF 9 - 54 (DN2200) across ext. TWSRW by Trenchless Method, 45m long	86	35	26-May-17 A	31-Jul-17	30									

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WF-1080	Trench Excavation from Pit 4 to Connection Point near FLH NB, Section 4	36	36	24-Jun-17	05-Aug-17	4															
WF-1100	Expose existing DN2200 bend block	25	25	21-Jul-17	18-Aug-17	4															
WF-1060	Excavation - CHF 73 - 91 (DN2200) across Box Culvert BC01 by Trenchless Method, 18m long	45	45	10-Jul-17*	30-Aug-17	4															
WF-1030	Trench Excavation and Temporary Works to Support 132kV Cables, Section 2	30	30	08-Aug-17	11-Sep-17	33															
WF-1040	Pipe Laying - CHF 54 - 73 (DN2200), Section 2	12	12	15-Sep-17	28-Sep-17	33															
WF-1020	Pipe Laying - CHF 9 - 54 (DN2200) across ext. TWSRW & associated Grouting Works, 45m long	54	54	01-Aug-17	03-Oct-17	30															
WF-1070	Pipe Laying - CHF 73 - 91 (DN2200) across Box Culvert BC01 & associated Grouting Works, 18m long	38	38	31-Aug-17	16-Oct-17	4															
WF-1090	Pipe Laying - CHF 91 - 105 (DN2200), Section 4	12	12	17-Oct-17	31-Oct-17	4															
WF-1110	Trimming existing bend block	60	60	19-Aug-17	31-Oct-17	4															
Existing Nam Wa Po Trunk Sewage Pumping Station (PST3)																					
PS-1010	Construction of New Boundary Wall for Pumping Station (PST3)	80	77	25-Nov-16 A	18-Sep-17	113															
Stage 1A - Realignment of Tai Wo Service Road West (KD-7)																					
TWSRW Zone 4 between CH315 and CH376																					
Construction of Bridge E																					
TWSRW-4100C	Construction of Gabion Wall and Remaining Slope Reinstatement Works	68	16	03-Jan-17 A	08-Jul-17	174															
TWSRW Zone 5 between CH376 and CH520																					
Construction of Retaining Structures																					
TWSRW-5150	Slope Works for FL-C2 near Retaining Wall FL/RW4	60	60	20-Jun-17	29-Aug-17	55															
TWSRW-5120	Remaining works incl. railing, u-channel on top of Bored Pile Wall	15	15	21-Sep-17	10-Oct-17	96															
At-Grade Roadworks																					
TWSRW-5120A	Filling Works between Retaining Wall RW7 and RW8	192	21	07-Jun-16 A	14-Jul-17	0															
TWSRW-5120B	Permanent Vehicular Access to Lot 81 (incl. filling works behind retaining wall RW8)	58	58	15-Jul-17	20-Sep-17	0															
TWSRW-5170b	Construction of Pavilion (covered by VO No.137)	75	75	30-Aug-17	28-Nov-17	55															
TWSRW-5160	Construction of Extended Podium near RW7 incl. filling works & slope protection (covered by VO No.100)	85	176	27-Oct-16 A	18-Jan-18	14															
Remainder of the Works																					
Utilities Laying Works																					
UU-1030A	Utilities Duct Laying in Area 3, Phase 2, CLP - 132kV(150mVA), approx. 30m	27	27	20-Jun-17	21-Jul-17	524															
UU-1040A	Utilities Duct Laying in Area 4, Phase 2, Towngas - DN600 & DN400, approx. 50m (by their own TTA)	121	34	15-Sep-16 A	29-Jul-17	484															
UU-1010A	Utilities Duct Laying in Area 1, Phase 2, CLP - 132kV(150mVA), approx.30m at interface section	16	16	31-Jul-17	17-Aug-17	501															
UU-1010B	Utilities Duct Laying in Area 1, Phase 2, Towngas - DN600, approx.20m at interface section	13	13	18-Aug-17	01-Sep-17	559															
UU-1040B	Utilities Duct Laying in Area 4, Phase 2, CLP - 132kV(150mVA), approx. 50m (by their own TTA)	33	33	31-Jul-17	06-Sep-17	484															
Switch-Over of Existing Utilitiess																					
UU-SO-2020	Cabling Works for CLP 11kV	21	1	17-Dec-16 A	20-Jun-17	34															
UU-SO-2520	Switch-over Works (CLP 11kV)	16	16	21-Jun-17*	06-Jul-17	41															

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							Jun	Jul	Aug	Sep	Oct
UU-SO-1010	Cabling Works for telecom utilities	40	40	20-Jun-17*	29-Jul-17	21	Cabling Works for telecom utilities				
UU-SO-1500	Switch-over Works (Telecom)	0	0		29-Jul-17	18	◆ Switch-over Works (Telecom)				
UU-SO-3500	Switch-over Works (Towngas, DN400)	30	30	30-Aug-17*	28-Sep-17	702	Switch-over V				
Stage N4A & N4B - Realignment of Tai Wo Service Road East (KD-13 & KD-14)											
TWSRE Zone 1 between CH100 and CH270											
At-Grade Roadworks											
TWSRE-1140B*	Pipe laying - DN600 & DN1200 Watermains (CHB & CHC) along Realigned TWSR East	145	34	13-Feb-17 A	29-Jul-17	142	Pipe laying - DN600 & DN1200 Watermains (CHB & CHC) along Realigned TWSR				
TWSRE-1170	Remaining Noise Barrier NB3 Stern Wall (a total of 24m long)	45	45	01-Aug-17	21-Sep-17	19	Remaining Noise Bar				
TWSRE-1160	Road Formation, Road Drainage, Kerb and Pavement (Incl. FL/F8A, FL/F9)	83	83	10-Jul-17*	16-Oct-17	0					
TWSRE Zone 2 between CH270 and CH380											
At-Grade Roadworks											
TWSRE-2080	Remaining Noise Barrier NB3 Stern Wall (total 2 bays)	35	35	29-May-17 A	31-Jul-17	19	Remaining Noise Barrier NB3 Stern Wall (total 2 bays), Remaining Noise Barrier				
TWSRE-2090	Road Formation, Road Drainage, Kerb and Pavement	35	35	04-Sep-17	16-Oct-17	0					
TWSRE-2070	Commissioning of Realigned TWSR East	0	0	17-Oct-17		0					
TWSRE Zone 3 between CH380 and CH456											
At-Grade Roadworks											
TWSRE-3040	Road Formation, Kerb and Pavement (Incl. FL/F10)	35	35	04-Sep-17	16-Oct-17	0					
Remaining Works for Noise Barrier along realigned TWSR East											
TWSRE-NB-120	Installation of Steelwork & Transparent Panel - Noise Barrier NB3 (254m)	35	35	17-Oct-17*	27-Nov-17	56					
Stage 1C - Viaduct Structure & TCSS Civil Provisions (KD-9)											
Pier Table Construction											
Bridge D											
PD-1130	Pier Table Construction at Pier AD13 (4 nos.)	15	0	01-Apr-17 A	01-Jun-17 A		Pier Table Construction at Pier AD13 (4 nos.)				
PD-1110	Pier Table Construction at Portal AD11 (4 nos.)	27	22	14-Jun-17 A	15-Jul-17	-68	Pier Table Construction at Portal AD11 (4 nos.), Pier Table Construction at Portal AD11 (4 nos.)				
Viaduct Bridge Segement Erection											
Bridge A											
EA-1060	Bridge Deck Construction at Pier AA6 by Typical Lifting Frame (22 nos)	32	0	22-Apr-17 A	07-Jun-17 A		Bridge Deck Construction at Pier AA6 by Typical Lifting Frame (22 nos)				
Bridge B											
EB-1120A	Erection of Segment AB12WU0 & diaphragm construction	15	0	09-May-17 A	06-Jun-17 A		Erection of Segment AB12WU0 & diaphragm construction				
EB-1120B	Erection of Segment AB12EU0 & diaphragm construction	14	0	09-May-17 A	06-Jun-17 A		Erection of Segment AB12EU0 & diaphragm construction				
EB-1120C	Bridge Deck Construction at Abutment AB12W (End-span) by Falsework & Crane (6 nos)	5	5	03-Jul-17	07-Jul-17	-32	Bridge Deck Construction at Abutment AB12W (End-span) by Falsework & Crane (6 nos)				
EB-1120D	Bridge Deck Construction at Abutment AB12E (End-span) by Falsework & Crane (6 nos)	5	5	08-Jul-17	13-Jul-17	-23	Bridge Deck Construction at Abutment AB12E (End-span) by Falsework & Crane (6 nos)				
Bridge D											
ED-1140A	Erection of Segment AD14WU0 & diaphragm construction	24	8	05-Jun-17 A	28-Jul-17	-21	Erection of Segment AD14WU0 & diaphragm construction, Erection of Segment AD14WU0 & diaphragm construction				
ED-1140B	Erection of Segment AD14EU0 & diaphragm construction	24	8	05-Jun-17 A	28-Jul-17	-14	Erection of Segment AD14EU0 & diaphragm construction, Erection of Segment AD14EU0 & diaphragm construction				
ED-1120	Bridge Deck Construction at Pier AD12 by Special Lifting Frame (50 nos in which 21 nos above MTR Railway)	82	34	09-Mar-17 A	29-Jul-17	-87	Bridge Deck Construction at Pier AD12 by Special Lifting Frame (50 nos in which 21 nos above MTR Railway)				

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							Jun	Jul	Aug	Sep	Oct
ED-1130	Bridge Deck Construction at Pier AD13 by Crane (12 nos)	8	8	31-Jul-17	08-Aug-17	-48				■	
ED-1140C	Bridge Deck Construction at Abutment AD14W (End span) by Falsework & Crane (7 nos)	3	3	09-Aug-17	11-Aug-17	-48		■			
ED-1140D	Bridge Deck Construction at Abutment AD14E (End span) by Falsework & Crane (6 nos)	3	3	12-Aug-17	15-Aug-17	-44			■		
ED-1110	Bridge Deck Construction at Portal AD11 by Special Lifting Frame (54 nos in which 12 nos above MTR Railway)	59	59	08-Aug-17	17-Oct-17	-87				■	
Key Segment Erection and Stitch Casting (Wide-box Section)											
KS-A-1010	Stitching Works between AA1 End Span and AA2	12	0	17-May-17 A	20-May-17 A		■				
KS-B-1010	Stitching Works between AB1 End Span and AB2	12	0	23-May-17 A	26-May-17 A		■				
KS-B-1040	Erection AB4K5 and stitching works	12	0	25-May-17 A	03-Jun-17 A		■				
KS-A-1050	Erection AA5K6 and stitching works	12	8	07-Jun-17 A	28-Jun-17	8		■			
KS-A-1060	Erection AA6K7 and stitching works	12	15	08-Jun-17 A	07-Jul-17	1		■			
Key Segment Erection and Stitch Casting (Narrow-box Section)											
KS-B-1100B	Stitching Works between AB10E and AB11E	21	8	05-Jun-17 A	28-Jun-17	35		■			
KS-B-1110A	Stitching Works between AB11W and AB12W End Span & stressing tendon	14	14	08-Jul-17	24-Jul-17	-32			■		
KS-B-1110B	Stitching Works between AB11E and AB12E End Span & stressing tendon	14	14	25-Jul-17	09-Aug-17	-32			■		
KS-D-1130A	Stitching Works between AD13W and AD14W End Span	7	7	12-Aug-17	19-Aug-17	-48			■		
KS-D-1130B	Stitching Works between AD13E and AD14E End Span	7	7	21-Aug-17	28-Aug-17	-48			■		
KD-B-2000	Construction of longitudinal stitch at Bridge B2	49	49	18-Aug-17	16-Oct-17	44				■	
KS-D-1110B	Stitching Works between AD11E and AD12E	24	24	16-Sep-17	16-Oct-17	-86				■	
KS-D-1100B	Erection AD10EK11 and stitching works	14	14	17-Oct-17	02-Nov-17	-66				■	
KS-D-1120B	Stitching Works between AD12E and AD13E	14	14	17-Oct-17	02-Nov-17	-66				■	
KS-D-1110A	Stitching Works between AD11W and AD12W	24	24	18-Oct-17	15-Nov-17	-87				■	
Major Works on Deck Surfaces											
Permanent External Tendon Stressing Works											
PP-D-1010	Permanent Prestressing for Bridge D (AD1-AD5)	7	0	17-May-17 A	23-May-17 A		■				
PP-A-1030	Permanent Prestressing for Bridge A (AA9-AA13)	7	0	24-May-17 A	29-May-17 A		■				
PP-C-1010	Permanent Prestressing for Bridge C (AC1-AC5)	14	0	07-Jun-17 A	14-Jun-17 A		■				
PP-A-1050	Permanent Prestressing for Bridge A (AA18-AB10E)	9	2	24-Jun-17 A	21-Jun-17	60		■			
PP-A-1010	Permanent Prestressing for Bridge A (AA1-AA5)	7	7	20-Jun-17	27-Jun-17	0		■			
PP-B-1010	Permanent Prestressing for Bridge B (AB1-AB6)	9	9	20-Jun-17*	29-Jun-17	0		■			
PP-B-1020	Permanent Prestressing for Bridge B (AB6-AB10W)	9	9	20-Jun-17	29-Jun-17	0		■			
PP-A-1020	Permanent Prestressing for Bridge A (AA5-AA9)	7	7	08-Jul-17	15-Jul-17	1		■			

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							Jun	Jul	Aug	Sep	Oct	
PP-B-1030	Permanent Prestressing for Bridge B (AB10W-AB12W)	7	7	25-Jul-17	01-Aug-17	0						
PP-A-1060	Permanent Prestressing for Bridge A (AB10E-AB12E)	7	7	10-Aug-17	17-Aug-17	0						
Parapet Installation												
Bridge A												
PI-A-1050R	Parapet Installation, Profile Barrier for Bridge A (AA18-AB10E), RHS	16	16	30-Jun-17	19-Jul-17	103						
PI-A-1050L	Parapet Installation, Profile Barrier for Bridge A (AA18-AB10E), LHS	59	59	30-Jun-17	07-Sep-17	60						
PI-A-1010R	Parapet Installation, Profile Barrier & Planter for Bridge A (AA1-AA5), RHS	67	67	07-Jul-17	22-Sep-17	0						
PI-A-1030L	Parapet Installation, Profile Barrier & Planter for Bridge A (AA9-AA13), LHS	83	83	20-Jun-17	25-Sep-17	45						
PI-A-1030R	Parapet Installation, Profile Barrier & Planter for Bridge A (AA9-AA13), RHS	87	87	20-Jun-17	29-Sep-17	41						
PI-A-1060RM	Parapet Installation for Bridge A (AB10E-AB12E), RHS above MTRC railway	31	31	26-Aug-17	30-Sep-17	40						
PI-A-1010L	Parapet Installation, Profile Barrier for Bridge A (AA1-AA5), LHS	77	77	07-Jul-17	06-Oct-17	0						
PI-A-1040L	Parapet Installation, Profile Barrier & Planter for Bridge A (AA13-AA18), LHS	98	98	20-Jun-17	14-Oct-17	30						
PI-A-1040R	Parapet Installation, Profile Barrier & Planter for Bridge A (AA13-AA18), RHS	110	110	20-Jun-17	30-Oct-17	18						
PI-A-1020R	Parapet Installation, Profile Barrier & Planter for Bridge A (AA5-AA9), RHS	92	92	26-Jul-17	13-Nov-17	6						
PI-A-1020L	Parapet Installation, Profile Barrier & Planter for Bridge A (AA5-AA9), LHS	98	98	26-Jul-17	20-Nov-17	0						
PI-A-1060R	Parapet Installation, Profile Barrier & Planter for Bridge A (AB10E-AB12E), RHS remaining	78	78	18-Aug-17	20-Nov-17	0						
Bridge B												
PI-B-1020R	Parapet Installation, Profile Barrier for Bridge B (AB6-AB10W), RHS	16	16	10-Jul-17	27-Jul-17	80						
PI-B-1030LM	Parapet Installation for Bridge B (AB10W-AB12W), LHS above MTRC railway	31	31	10-Aug-17	14-Sep-17	38						
PI-B-1010L	Parapet Installation, Profile Barrier for Bridge B (AB1-AB6), LHS	95	95	11-Jul-17	01-Nov-17	0						
PI-B-1020L	Parapet Installation, Profile Barrier for Bridge B (AB6-AB10W), LHS	96	96	10-Jul-17	01-Nov-17	0						
PI-B-1010R	Parapet Installation, Profile Barrier & Planter for Bridge B (AB1-AB6), RHS	95	95	11-Jul-17	01-Nov-17	0						
PI-B-1030L	Parapet Installation, Profile Barrier & Planter for Bridge B (AB10W-AB12W), LHS remaining	69	69	10-Aug-17	01-Nov-17	0						
Bridge C												
PI-C-1020L	Parapet Installation, Profile Barrier & Planter for Bridge C (AC5-AC8), LHS	121	31	22-Feb-17 A	26-Jul-17	0						
PI-C-1010L	Parapet Installation, Profile Barrier for Bridge C (AC1-AC5), LHS	69	69	03-Jul-17*	20-Sep-17	-48						
PI-C-1030L	Parapet Installation, Profile Barrier & Planter for Bridge C (AC8-AC11), LHS	119	79	01-May-17 A	20-Sep-17	-48						
PI-C-1020R	Parapet Installation, Profile Barrier & Planter for Bridge C (AC5-AC8), RHS	110	79	07-Mar-17 A	20-Sep-17	-48						
PI-C-1030R	Parapet Installation, Profile Barrier & Planter for Bridge C (AC8-AC11), RHS	126	79	22-Apr-17 A	20-Sep-17	-48						
PI-C-1010R	Parapet Installation, Profile Barrier & Planter for Bridge C (AC1-AC5), RHS	69	69	03-Jul-17*	20-Sep-17	-48						
PI-C-1050RM1	Other Civil Works on Bridge Deck for TCSS duct laying - Bridge C	14	14	21-Sep-17	09-Oct-17	-48						

- Actual Work
- Remaining Work
- Summary Bar
- Critical Remaining Work
- ◆ Milestone
- Project Baseline Bar

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Bridge D												
PI-D-1020R	Parapet Installation, Profile Barrier & Planter for Bridge D (AD5-AD8W), RHS	78	48	15-May-17 A	15-Aug-17	3						
PI-D-1010L	Parapet Installation, Profile Barrier & Planter for Bridge D (AD1-AD5), LHS	52	52	20-Jun-17	19-Aug-17	3						
PI-D-1020L	Parapet Installation, Profile Barrier for Bridge D (AD5-AD8W), LHS	90	55	09-May-17 A	23-Aug-17	33						
PI-D-1010R	Parapet Installation, Profile Barrier & Planter for Bridge D (AD1-AD5), RHS	78	78	28-Jun-17	27-Sep-17	3						
Roadworks, Road Facilities and Miscellaneous inside Viaduct Internal Voids												
RS-1020	Movement Joints and Road Furniture incl. Deck Drainage, Lightings, Steel Rails,NB, Water Main for Bridge C (AC1 to AD10)	100	100	19-Jul-17	15-Nov-17	29						
RS-1030	Movement Joints and Road Furniture incl. Deck Drainage, Lightings, Steel Rails,NB, Water Main for Bridge D (AD1 to AD8)	80	80	18-Aug-17	22-Nov-17	23						
RS-1010	Movement Joints and Road Furniture incl. Deck Drainage, Lightings, Steel Rails,NB, Water Main for Bridge B (AB1 to AB12)	120	120	03-Aug-17	23-Dec-17	16						
RS-1000	Movement Joints and Road Furniture incl. Deck Drainage, Lightings, Steel Rails,NB, Water Main for Bridge A (AA1 to AB12)	140	140	29-Jul-17	15-Jan-18	0						
Section VI - Works in Portion FH9 (KD-6A)												
Major Works												
S6-4020	Falsework Erection for Installation of Bridge Deck at Abutment AB12W	15	10	16-Jun-17 A	30-Jun-17	-32						
S6-4030	Falsework Erection for Installation of Bridge Deck at Abutment AB12E	15	15	21-Jun-17 A	07-Jul-17	-23						
S6-4000	Falsework Erection for Installation of Bridge Deck at Abutment AD14W	7	7	03-Jul-17*	10-Jul-17	-25						
S6-4010	Falsework Erection for Installation of Bridge Deck at Abutment AD14E	9	9	11-Jul-17	20-Jul-17	-25						
S6-5020	Removal of Falsework near Abutment AB12W	7	7	25-Jul-17	01-Aug-17	-18						
S6-5030	Removal of Falsework near Abutment AB12E	7	7	10-Aug-17	17-Aug-17	-32						
S6-5000	Removal of Falsework near Abutment AD14W	7	7	21-Aug-17	28-Aug-17	-41						
S6-5010	Removal of Falsework near Abutment AD14E	7	7	29-Aug-17	05-Sep-17	-48						
S6-3000	Removal of Temp Road, Facilities and restatement the Portion FH9 to the condition as taking possession	9	9	06-Sep-17	15-Sep-17	-48						
Landscaping & Establishment Works (KD-4, 4A, 5, 5A, 6)												
Section III - Remainder of Landscaping Softworks Not Included in Section IIIA												
S3-1000	Transplanting along Realigned TWSR West	60	60	05-Sep-17	16-Nov-17	0						
S3-1020	Remaining Drainage Works and Land Formation at FH3, FH4, FH5	50	50	28-Sep-17	28-Nov-17	0						
S3-1010	Transplanting along Fanling Highway	70	70	18-Sep-17	11-Dec-17	9						

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