

Appendix A

Construction Programme

Activity ID	Activity Name	OD	RD	Start	Finish	TF	2019						
							Feb	Mar	Apr	May	Jun	Jul	
3-Month Rolling Programme 2019-3-21 (Based on UMP06C)													
Key Dates (Contractual)													
KD-0400a	KD4: Section 3 - Remainder of Landscape Softworks not included in Section 3A (Prel. EOT by Claim 56, 58)	0	0		20-May-19*	0				◆ KD4: Section 3 - Remainder of Landscape Softworks not included in Se			
KD-0500	KD4A: Section 3A - Landscape Softworks in NBZ1 (Potential EOT by Inclement Weather)	0	0		20-Apr-19*	-183			◆ KD4A: Section 3A - Landscape Softworks in NBZ1 (Potential EOT by Inclement Weather)				
KD-0800	KD6: Section 5 - Preservation and Protection of Trees (Potential EOT by Inclement Weather)	0	0		20-May-19*	-111				◆ KD6: Section 5 - Preservation and Protection of Trees (Potential EOT by			
Key Dates (Forecast)													
KD-0405	KD4: Section 3 - Remainder of Landscape Softworks not included in Section 3A	0	0		20-May-19	0				◆ KD4: Section 3 - Remainder of Landscape Softworks not included in Se			
KD-0505	KD4A: Section 3A - Landscape Softworks in NBZ1	0	0		20-May-19	-214				◆ KD4A: Section 3A - Landscape Softworks in NBZ1			
KD-0805	KD6: Section 5 - Preservation and Protection of Trees	0	0		20-May-19	-111				◆ KD6: Section 5 - Preservation and Protection of Trees			
Section 1A & 1B - 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)													
Noise Barrier													
FHW-1110b	Noise Barrier NB6 and NB7 - Remaining Stem Wall (28m, maintain access for extension of NB 70, VO199)	30	177	16-Aug-18 A	22-Nov-19	125							
FHW-1140c	Noise Barrier NB70 - Footing (extended 10m under VO199)	153	153	23-Apr-19*	25-Oct-19	143							
At-Grade Roadworks (195m)													
FHW-1350b	Road Pavement (FLH NB 1st lane and Hard Shoulder)	138	138	23-Apr-19*	08-Oct-19	164							
Fanling Highway Zone 2 between CH7130 and CH7290													
Noise Barrier													
FHW-2340b	Noise Barrier NB67-2 - Cap ID4-1A_1 and Cap ID4-1A_2 head beam (affected by Tau Pass, VO 191)	15	15	23-Apr-19*	10-May-19	241							
FHW-2370c	Access Ramp at Tau Pass - Additional Mini-Piling (3 nos.) (under VO191)	34	34	23-Apr-19*	03-Jun-19	268							
FHW-2370d	Access Ramp at Tau Pass - Pile caps and other structures (under VO191)	48	37	07-Mar-19 A	06-Jun-19	265							
At-Grade Roadworks (160m)													
FHW-2240	Permanent Street Light Installation (due to Claim No. 63)	21	21	20-Jun-18 A	18-May-19	270							
FHW-2250	Road Pavement on FLH SB 4th lane after Removal of Temp. Street Light (due to Claim No. 63)	11	11	20-May-19*	31-May-19	270							
FHW-2350a	Road Drainage and Pavement (near NB67-2, MN7.9 to MN7.11)	58	33	29-Mar-18 A	01-Jun-19	269							
FHW-2350b	Installation of Drain pipe and Manholes (MN7.12 & MN7.12A) (affected by Tau Pass under VO191)	29	157	26-Nov-18 A	30-Oct-19	145							
FHW-2350c	Road Drainage and Pavement (near NB67-2, MN7.12 & MN7.12A) (affected by Tau Pass, VO not yet issued)	46	46	11-May-19*	06-Jul-19	241							
Fanling Highway Zone 3 between CH7290 and CH7380													
Noise Barrier													
FHW-3340	Noise Barrier NB69 - Pile cap/ Footing and Stem Wall adjacent to NB lane (108m)	77	35	16-Oct-17 A	04-Jun-19	249							
At-Grade Roadworks (130m)													
FHW-3240	Road Pavement on FLH SB 4th lane after Removal of Temp. Street Light (due to Claim No. 63)	10	10	31-Aug-18 A	04-May-19	292							
FHW-3350a	Road Drainage (FLH NB hard shoulder, next to NB69)	61	50	26-Feb-18 A	22-Jun-19	227							
FHW-3350b	Road Formation and Pavement (FLH NB 1st lane and HS next to NB69, due to Tau Pass under VO191)	25	25	24-Jun-19*	23-Jul-19	227							
Fanling Highway North Portion between CH7470 and CH7925													
Fanling Highway Zone 4 between CH7380 and CH7470													
At-Grade Roadworks (90m)													
FHW-4150	Road Pavement (FLH SB 1st lane) by re-surfacing (due to Claim No. 63)	15	33	10-Sep-18 A	01-Jun-19	269							
FHW-4150a	Road Drainage and Road Pavement (FLH H.S., Merging Lane)(due to Claim No. 63)	48	48	10-Sep-18 A	20-Jun-19	254							
FHW-4330c	Construction of FL/RW2 (mass concrete wall, VO not yet received)	38	38	27-Aug-18 A	08-Jun-19	259							
FHW-4330d	Remaining Gullies and Road Pavement after Construction of FL/RW2 (VO not yet received)	25	25	16-May-19*	14-Jun-19	259							

Actual Work

Remaining Work

Summary Bar

Critical Remaining Work

◆ ◆ Milestone

Project Baseline Bar

CEDD Contract No. CV/2012/09

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

3-Month Rolling Programme

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3-Month Rolling Programme updated to 2019-4-20

Date	Revision	Checked	Approved
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Activity ID	Activity Name	OD	RD	Start	Finish	TF	2019					
							Feb	Mar	Apr	May	Jun	Jul
FHW-4330e	Road Drainage MN9.1 - MN9.3	24	0	23-Aug-18 A	23-Apr-19	302						
Fanling Highway Zone 5 between CH7470 and CH7600 (Provision of Kiu Tau Footbridge)												
Kiu Tau Footbridge Re-provision (East)												
FHW-5070	Installation of Lighting Facilities (affect by design change which is under VO)	21	46	20-Jun-18 A	18-Jun-19	256						
FHW-5090	Erection of Pillar Box (affect by design change which is under VO)	30	0	28-Feb-19 A	29-Mar-19 A							
FHW-5100	Power Cable Laying Works (affect by design change which is under VO)	36	36	23-Apr-19*	05-Jun-19	229						
FHW-5110	Permanent Power Supply Connection (affect by design change which is under VO)	10	10	06-Jun-19	18-Jun-19	256						
FHW-5110a	Installation of Drainage Pipe	32	22	10-Sep-18 A	20-May-19	280						
FHW-5110b	Laying of Floor Tiles (affect by design change which is under VO)	72	12	28-Jun-18 A	07-May-19	290						
FHW-5110c	Installation of Suspended Ceiling (affect by design change which is under VO)	104	12	21-May-18 A	07-May-19	290						
Provision of BFA Facilities (Lift)												
FHW-L-104I	Permanent Power Supply (affect by design change which is under VO)	10	10	06-Jun-19*	18-Jun-19	229						
FHW-L-106I	Testing & Commissioning (affect by design change which is under VO)	27	27	19-Jun-19*	20-Jul-19	229						
Works at existing TWSRE												
FHW-5490	Road Drainage, Pavement and TCSS duct laying (Merging lane next to NB72)(due to claim)	2	2	25-May-19*	27-May-19	274						
FHW-5500	Road Drainage (MS10.1-10.3A), Road Pavement and TCSS duct laying (Merging lane next to NB73)	31	44	21-Apr-18 A	15-Jun-19	258						
At-Grade Road Works (130m)												
FHW-5130	Road Pavement (FLH SB 1st lane) by re-surfacing (due to claim 63)	15	18	10-Sep-18 A	15-May-19	284						
FHW-5330a	Road Drainage (MN10.1-10.3A, gullies affected by Slope F18)	60	15	16-Dec-17 A	10-May-19	287						
FHW-5330c	Fill Replacement Works 3SW-D/F18 next to FLH NB (further modified by VO not yet received)	73	24	01-Aug-18 A	22-May-19	278						
FHW-5330d	Remaining Gullies, road formation and TCSS duct laying (log on effect by Slope F18 under VO)	25	0	23-Jan-19 A	26-Mar-19 A							
FHW-5330e	Road Pavement (log on effect by Slope F18 under VO)	14	14	23-Apr-19*	09-May-19	288						
Fanling Highway Zone 6 between CH7600 and CH7660 (Existing Vehicular Bridge)												
At-Grade Roadworks (60m)												
FHW-6330a	Road Drainage and Road Formation (FLH NB hard shoulder)	60	18	16-Dec-17 A	15-May-19	284						
Fanling Highway Zone 7 between CH7660 and CH7925 at NBZ (Section 1B)												
At-Grade Roadworks (265m)												
FHW-7330	Road Pavement (FLH NB 3rd lane at NBZ joint with CSHK) by re-surfacing	24	35	20-Aug-18 A	04-Jun-19	267						
FHW-7340	Road Pavement, Central Barrier (FLH NB 4th lane) by re-surfacing	24	24	20-Aug-18 A	22-May-19	278						
Remaining Works for Noise Barrier along widened Fanling Highway												
FHW-NB-150	Installation of Steelworks & Panel for NB72 & NB73 (248m), adjacent to FLH SB lanes at Zones 4, 5 & 6	16	16	23-Apr-19	11-May-19	286						
FHW-NB-320	Installation of Steelworks & Panel for NB67-2 (85m), adjacent to FLH NB lanes at Zones 2 & 3	14	14	23-Apr-19*	09-May-19	270						
FHW-NB-330	Installation of Steelworks & Panel for NB69 (109m), adjacent to FLH NB lanes near LR1 at Zone 3	18	18	05-Jun-19*	26-Jun-19	249						
Section II - Remainder of the Works (KD-3)												
At Grade Link Road at Fanling Highway Interchange												
Link Road 1 (near Abutment AB1)												
FHI-LR1-1020	Backfilling works of abutment, Gully and Profile Barrier at Abutment AB1	20	0	28-May-18 A	03-Apr-19 A							
Noise Barrier												
FHI-LR1-109I	Noise Barrier NB67-1 - Remaining ground beam of Bay 3 (allow access from TWSRW)	7	7	23-Apr-19*	30-Apr-19	295						
Link Road 2 (near Abutment AA1)												
FHI-LR2-2040	3SW-D/FR32 Bay 3213 (including temporary works)	35	0	11-Mar-19 A	20-Mar-19 A							

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3-Month Rolling Programme
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3-Month Rolling Programme updated to 2019-4-20

Date	Revision	Checked	Approved
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Activity ID	Activity Name	OD	RD	Start	Finish	TF	2019					
							Feb	Mar	Apr	May	Jun	Jul
FHI-LR2-2050	Road Pavement and Drainage next to Abutment (after completion of NB73 Bay 12&13 Stem Wall)	20	20	23-Mar-19 A	17-May-19	282						
FHI-LR2-2050	Road Formation, Road Drainage and Pavement (SMH1302 - 1303 & MY2.4 - 2.5) at grade	72	72	01-Mar-18 A	19-Jul-19	230						
FHW-SG-1031	Fabrication and Delivery of Sign Gantry DS11	99	26	28-Dec-17 A	24-May-19	276						
FHW-SG-1041	Erection of Sign Gantry FADS11 and DS64 (include On-site Fabrication)	15	15	23-Apr-19	10-May-19	287						
Link Road 3 (near Abutment AD1)												
FHI-LR3-3020	Permanent Fill Slope, Construction of Gullies and Profile Barriers	48	35	25-Apr-18 A	04-Jun-19	242						
FHI-LR3-3030	Road Pavement	1	1	05-Jun-19*	05-Jun-19	242						
FHI-LR3-3040	Other Civil Works for TCSS duct laying - along Link Road 3	25	25	05-Jun-19	05-Jul-19	242						
Link Road 4 (near Abutment AC1)												
FHI-LR4-4030	Road Formation, Road Drainage, TCSS ducting and Pavement	55	35	27-Nov-17 A	04-Jun-19	223						
FHI-LR4-4040	Remaining Section of Carriageway connect to FLH	44	44	05-Jun-19*	27-Jul-19	223						
Viaduct - Pavement, Street Furnitures, Lighting inside Internal Voids and Others												
RS-1020b	Other Street Furniture including Sign Gantry, NB, Handrail, traffic signs, etc, for Bridge A, B, C and D	112	0	26-Feb-18 A	20-Apr-19 A							
RS-1110	Final Pavement and Road Marking	12	0	01-Mar-19 A	19-Apr-19 A							
WSD Works												
DN450 Fire Mains (CHA)												
WA-1010c	Pipe Laying - CHA 38 - 113 (DN450) near Ext. TWSRW, 20m	11	102	16-Apr-18 A	23-Aug-19	102						
WA-1020	Pipe Laying - CHA 113 - 135 (DN450) near Ext. TWSRW, 20m	102	102	23-Apr-19*	23-Aug-19	187						
WA-1030	Pipe Laying - CHA 135 - 160 (DN450) near Ext. TWSRW, 25m	19	102	18-Apr-18 A	23-Aug-19*	200						
WA-1110a	Pipe Laying - CHA 185 - 228 (DN450) near Ext. TWSRW, 43m	24	24	23-Apr-19*	22-May-19	278						
WA-1130b	Pipe Laying - CHA 373 - 380 (DN450) near Ext. TWSRW, 7m	18	18	23-Apr-19*	15-May-19	271						
WA-1130c	Pipe Laying - CHA 380 - 388 (DN450) near Ext. TWSRW, 8m	12	12	23-Apr-19*	07-May-19	277						
WA-3040	Pipe Laying - CHA 810 - 835 (DN450) along Ext. TWSRW SB, 25m (NBZ)	74	74	23-Apr-19*	22-Jul-19	215						
WA-3050	Pipe Laying - CHA 835 - 880 (DN450) along Ext. TWSRW SB, 45m (NBZ)	74	74	23-Apr-19*	22-Jul-19	215						
WA-3060	Pipe Laying - CHA 880 - 925 (DN450) along Ext. TWSRW SB, 45m (NBZ)	68	68	23-Apr-19*	15-Jul-19	119						
WA-3080	Pipe Laying - CHA 925 - 972 (DN450) along Ext. TWSRW SB (Stage2), 47m (NBZ)	102	102	16-Jul-19*	14-Nov-19	119						
WA-4200	Pressure Test for CHA (CHA 380 - 810)	13	13	08-May-19*	23-May-19	277						
DN1200 Water Mains (CHC)												
WC-1030	Construction of IT inspection tee chamber(s) near the Jacking Pits	47	47	10-May-18 A	19-Jun-19	255						
DN2200 Water Mains (CHF)												
WF-4000	Modification of Existing DN2200 DAV Chamber at FLH NB near Kiu Tau Footbridge (covered by VO no.50)	35	35	23-Apr-19*	04-Jun-19	267						
Existing Nam Wa Po Trunk Sewage Pumping Station (PST3)												
PS-1010	Construction of New Boundary Wall for Pumping Station (PST3)	80	74	25-Nov-16 A	22-Jul-19	228						
Stage 1A - Realignment of Tai Wo Service Road West (KD-7)												
TWSRW Zone 5 between CH376 and CH620												
Construction of Retaining Structures												
TWSRW 5121	Remaining works incl. railing, u-channel on top of Bored Pile Wall (wait for VO)	22	22	25-Jun-18 A	20-May-19	280						
TWSRW 5151	Slope Works and Retaining Wall of FL-C2 (covered by VO183)	60	25	01-Dec-17 A	23-May-19	277						
At-Grade Roadworks												

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							Feb	Mar	Apr	May	Jun	Jul
TWSRW-511	Retaining Wall RW9 - Bay 9002 & 9003 (covered by VO No.116)	45	26	05-Feb-16 A	24-May-19	276						
TWSRW-512	Filling Works between Retaining Wall RW7 & RW8	192	39	07-Jun-16 A	10-Jun-19	263						
TWSRW-512	Road Pavement and remaining works of Vehicular Access to Lot 81	27	27	12-Jul-18 A	25-May-19	260						
TWSRW-516	Construction of Extended Podium near RW7 incl. filling works & slope protection (covered by VO No.100)	85	48	27-Oct-16 A	20-Jun-19	254						
TWSRW-517	Construction of Pavilion (covered by VO No.137)	49	49	10-Aug-18 A	21-Jun-19	253						
TWSRW Zone 7 between CH630 and CH640												
At-Grade Roadworks												
TWSRW-719	Remaining Road Drainage, Road Formation, Road Pavement and Footpath (incl. Zone 6 & Zone 7)	44	44	23-Apr-19*	15-Jun-19	242						
TWSRW Zone 8 between CH640 and CH695												
At-Grade Roadworks												
TWSRW-812	Remaining Road Drainage, Road Formation, Road Pavement and Footpath	60	60	23-Apr-19*	05-Jul-19	242						
Remainder of the Works												
TWSRW-9020	Filling Works to the abandoned section of TWSRW and modify existing sewerage manhole	75	75	23-Apr-19*	23-Jul-19	227						
Utilities Laying Works												
UU-1010A	Utilities Duct Laying in Area 1, Phase2, CLP - 132kV(150mVA), approx.30m at interface section	16	12	10-Jan-18 A	07-May-19	166						
UU-1010B	Utilities Duct Laying in Area 1, Phase2, Towngas - DN600, approx.20m at interface section	58	58	26-Jun-19	02-Sep-19	166						
UU-1030	Utilities Duct Laying in Area 3, Phase1 (along existing TWSRW, Approx. 150m) (by utilities undertakers)	7	7	20-Apr-19*	26-Apr-19	245						
UU-1030A	Utilities Duct Laying in Area 3, Phase2, CLP - 132kV(150mVA), approx. 30m	27	49	10-Jan-18 A	21-Jun-19	156						
UU-1040A	Utilities Duct Laying in Area 4, Phase2, Towngas - DN600 & DN400, approx. 50m (by their own TTA)	121	50	15-Sep-16 A	22-Jun-19	122						
UU-1040B	Utilities Duct Laying in Area 4, Phase2, CLP - 132kV(150mVA), approx. 50m (by their own TTA)	33	33	24-Jun-19	01-Aug-19	122						
Switch-Over of Existing Utilities												
UU-SO-2520	Switch-over Works (CLP 11kV)	16	16	20-Apr-19*	05-May-19	349						
UU-SO-3500	Switch-over Works (Towngas, DN400)	30	30	23-Jun-19*	22-Jul-19	271						
Remaining Works for Noise Barrier along realigned TWSRW												
TWSRW-NB-14	Noise Barrier Steelworks & Panel for NB2 at Zone 5	15	15	27-May-19*	13-Jun-19	260						
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-1180	Road Formation, Kerb and Pavement (Incl. FL/F8A, FL/F9)	24	0	11-Oct-17 A	13-Mar-19 A							
TWSRE-1190	Drainage Works on Permanent Cycle Track (under VO159)	80	0	15-Jan-18 A	20-Mar-19 A							
TWSRE-1200	Road Pavement on Permanent Cycle Track	32	0	09-Apr-19 A	17-May-19 A							
TWSRE Zone 2 between CH270 and CH380												
At-Grade Roadworks												
TWSRE-2100	Road Formation, Kerb and Pavement	20	0	23-Oct-17 A	08-Mar-19 A							
TWSRE-2110	Drainage Works on Permanent Cycle Track (under VO159)	80	0	26-Mar-18 A	28-Jun-19 A							
TWSRE-2120	Road Pavement on Permanent Cycle Track	33	0	22-Mar-19 A	12-Apr-19 A							
TWSRE Zone 3 between CH380 and CH456												
At-Grade Roadworks												
TWSRE-3050	Drainage Works on Permanent Cycle Track (under VO159)	45	0	03-Apr-18 A	15-Mar-19 A							
TWSRE-3060	Road Pavement on Permanent Cycle Track	40	0	21-Mar-19 A	19-Apr-19 A							
Remaining Works for Noise Barrier along realigned TWSR East												

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