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**CONSTRUCTION PROGRAMME OF  
NOVEMBER 2017**

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Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2017				2018			
								Nov		Dec		Jan		Feb	
<b>Contract Condition</b>															
<b>General</b>															
<b>Contract Condition</b>															
<b>Contract Condition</b>															
KD14	KD-14 1523d) - S4: Achievement: Rd widening of Fanling Highway @	0%	0	0		20-Nov-17	204								
POSSA323A	Site Area SA323A (360d) (not required)	0%	0	0	20-Nov-17		962								
POSSA327	Site Area SA327 (180d)	0%	0	0	20-Nov-17*		-1054								
POSSA327A	Site Area SA327A (730d)	0%	0	0	20-Nov-17*		-856								
POSSA345	Site Area SA345 (0d)	0%	0	0	20-Nov-17*		-721								
<b>ZONE 1 (Ch. 5640 to 5880)</b>															
<b>Noise Barrier Along Fanling Highway N/B</b>															
<b>NB43B (Ch.5640-5880)-FH N/B Side</b>															
<b>Noise Barrier Works</b>															
NB01210	NB43B-1 (0-100m) - Sheet piling & Excavation	0%	18	18	19-Jul-17 A	09-Dec-17	31								
NB01220	NB43B-1 - Footing & Wall Structure	0%	40	40	11-Dec-17	29-Jan-18	31								
NB01225	NB43B-1 (0-100m) - Drainage Works	0%	24	24	30-Jan-18	01-Mar-18	63								
NB01240	NB43B-1 - NB production	0%	45	45	30-Jan-18	15-Mar-18	431								
NB01260	NB43B-2 (100-200m) - Sheet piling & Excavation	0%	18	18	16-Nov-17 A	09-Dec-17	71								
NB01270	NB43B-2 - Footing & Wall Structure	0%	40	40	30-Jan-18	20-Mar-18	31								
NB01310	NB43B-3 (200-260m) - Sheet piling & Excavation	95.96%	12	297	03-Jul-17 A	20-Mar-18	31								
<b>Fanling Highway Construction</b>															
<b>Drainage &amp; Road Works</b>															
<b>Ch 5640-5880</b>															
RDZ11050	Z1 (Ch5640-5880) : Fanling Highway S/B - D&R works (lane 4)	0%	20	20	08-Jan-18	30-Jan-18	191								
<b>ZONE 2 (Ch. 5880 to 6930)</b>															
<b>General</b>															
<b>DRM Proposal</b>															
<b>DRM Proposal</b>															
ADVZ20280	TTA for NB construction (Shift TWSR-W to Temp road)	0%	30	30	18-Dec-17	24-Jan-18	-2								
ADVZ20290	NB at FLHY N/B construction Period (Zone 2)	0%	249	249	25-Jan-18	27-Nov-18	-2								
ADVZ20310	NB at FLHY N/B construction Period (Zone 1)	0%	174	174	05-Oct-17 A	25-Jun-18	133								
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>															
<b>NB54A (Ch.6290-6350)-TWSR West Side</b>															
<b>Noise Barrier Works</b>															
NB00790	NB54A - NB post & panel installation	0%	5	5	02-Jan-18*	06-Jan-18	388								
<b>Noise Barrier Along Fanling Highway N/B</b>															
<b>Site Clearance &amp; Demolition of Existing Structure</b>															
<b>General</b>															
ADVZ20130	Existing Utility cable disconnected & TTA for NB complete	0%	0	0	25-Jan-18		-2								
ADVZ20140	Site Clearance (for NB Along FH N/B)	0%	30	30	18-Dec-17	24-Jan-18	-2								
<b>NB43A (Ch.5880-6060)-FH N/B Side</b>															
<b>Noise Barrier Works</b>															
NB001080	NB43A-1D1-2 piling (0.19m -18nos)-1 rigs	0%	27	27	25-Jan-18	28-Feb-18	-2								
NB01510	NB43A-1 (0-61.5m) - Sheet piling & Excavation	0%	18	18	06-Nov-17 A	09-Dec-17	187								
NB01560	NB43A-2 (86.8-166.7m) - Sheet piling & Excavation	0%	18	18	25-Jan-18	14-Feb-18	49								
NB01570	NB43A-2 - Footing & Wall Structure	0%	60	60	15-Feb-18	04-May-18	49								
<b>NB50 (Ch.6060-6130)-FH N/B Side</b>															
<b>Noise Barrier Works</b>															
NB001150	NB50 -piling (0.19m -28nos)	0%	42	42	25-Jan-18	17-Mar-18	19								
<b>NB50A (Ch.6130-6450)-FH N/B Side</b>															
<b>Noise Barrier Works</b>															
NB01654	NB50A (132-228m)(NB50A/12-20) & FVMS1 Pre-drilling	0%	20	20	25-Jan-18	20-Feb-18	5								
<b>NB60 (Ch.6450-6920)-FH N/B Side</b>															
<b>Noise Barrier Works</b>															
NB01910	NB60 ID3-2 (174-192m) 0.19m -18nos Piling	0%	27	27	25-Jan-18	28-Feb-18	23								
NB01980	NB60 (192-300m)(NB60/16-25, 0.19m -48nos) Piling	0%	72	72	25-Jan-18	26-Apr-18	37								
<b>Bridge Construction</b>															
<b>New Tai Hang Footbridge</b>															
<b>TWSR-West/ FL Highway N/B Side Section</b>															
THBF0620	Finishes Work	68.47%	64	203	27-Feb-17 A	05-Feb-18	182								
THBF0625	Bridge Structure complete (THFB-TWSR-W side)	0%	0	0		05-Feb-18	182								
<b>Crossing Fanling Highway Section</b>															
THBF0575	Erect Temp Tower at central divider	0%	18	18	20-Nov-17	09-Dec-17	160								
THBF0580	Erect THFB across fanling highway	0%	30	30	11-Dec-17	17-Jan-18	160								
THBF0590	Finishes Work	0%	30	30	18-Jan-18	24-Feb-18	168								
<b>TWSR-East FL Highway S/B Side Section</b>															
THBF0470	THAB1 - pile cap & abutment wall	79.91%	45	224	21-Nov-16 A	12-Mar-18	75								
THBF0780	Modified existing column head of existing footbridge	0%	76	76	20-Nov-17	22-Feb-18	110								
<b>Lift at TWSR-W Side</b>															
L1530	Structural Laminated glass wall installation	0%	30	30	20-Nov-17	23-Dec-17	108								
L1550	Metal cover on RC platform	0%	30	30	20-Nov-17	23-Dec-17	96								

	Project ID: WP Rev 05 (1711)	<b>Contract No. HY/2012/06</b> <b>Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange</b> <b>3 Month Rolling Program(20-Nov-17)</b>		Date	Revision	C. A
	Layout: 3 Month Rolling Program			30-Jun-14	WP Rev 1A	
	Page 1 of 5			28-Aug-15	WP Rev 2	
				07-Apr-16	WP Rev 3	
				08-Nov-16	WP Rev 4	
	17-Aug-17	WP Rev 5				

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2017				2018		
								Nov		Dec		Jan		Feb
L1555	Glass canopy on ground level	0%	30	30	27-Dec-17	31-Jan-18	186							
L1560	Lift installation (NF115)	0%	70	70	27-Dec-17	22-Mar-18	108							
L1590	E&M and Finishes work	0%	120	120	27-Dec-17	26-May-18	96							
L1600	CLP Power available (by CLP)	92.97%	32	455	21-Jun-16 A	21-Dec-17	227							
<b>Lift at FLHY S/B</b>														
L1370	Lift shaft & roof	84.72%	46	301	20-Sep-16 A	15-Jan-18	34							
L1380	Structural Laminated glass wall installation	0%	30	30	16-Jan-18	22-Feb-18	64							
L1390	RC Platform connect to bridge (THSC-2 & TH-P2)	0%	30	30	16-Jan-18	22-Feb-18	34							
L1450	CLP Power available (by CLP)	93.22%	33	487	21-Jun-16 A	22-Dec-17	228							
<b>Demolition of Existing Tai Hang Footbridge</b>														
<b>Crossing Fanling Highway Section</b>														
Z2.THF.1090	Erect Temp platform for bridge demolition	0%	60	60	11-Dec-17	24-Feb-18	169							
<b>New Tai Wo Footbridge</b>														
<b>General</b>														
TWFB1090	Steel Bridge prefabrication (TWFB)	88.92%	37	334	15-Aug-16 A	04-Jan-18	255							
TWFB1100	Steel Bridge available on site (TWFB)	0%	0	0	05-Jan-18		255						◆ Steel Bridge available on site (TWFB)	
<b>TWSR-West/ FL Highway N/B Side Section</b>														
TWFB1390	Finishes Work	26.25%	59	80	20-May-17 A	30-Jan-18	354							
TWFB1400	Bridge Structure complete (TWFB-TWSR-W side)	0%	0	0		30-Jan-18	354						30-Jan-18 ◆ Bridge Structure	
<b>TWSR-East FL Highway S/B Side Section</b>														
TWFB1480	Precautionary work for MTRC I&P area	0%	45	45	22-Nov-17	16-Jan-18	152							
TWFB1550	TWP3 - Pre-bored H pile (6 nos)	0%	18	18	17-Jan-18	06-Feb-18	152							
TWFB1570	TWP3 - Pile cap, Pier and Pier Head	0%	75	75	07-Feb-18	14-May-18	152							
<b>Lift at TWSR-W Side</b>														
L1670	Lift shaft & roof	83.29%	59	353	21-Jun-16 A	30-Jan-18	174							
L1680	Structural Laminated glass wall installation	0%	30	30	31-Jan-18	09-Mar-18	217							
L1690	RC Link slab connect to bridge	0%	30	30	31-Jan-18	09-Mar-18	174							
L1730	Lift submission & ordering period	85.87%	52	368	02-Jul-16 A	22-Jan-18	254							
L1780	CLP Power available (by CLP)	85.19%	72	486	20-Aug-16 A	30-Jan-18	392							
<b>Temporary Tai Wo Footbridge</b>														
<b>Construction Works</b>														
TWFB-T1200	Erect temp column at new FLHY central divider	0%	7	7	20-Nov-17	27-Nov-17	93							
TWFB-T1208	Erect Temp Column & link bridge to existing bridge at FLHY S/B	0%	14	14	13-Dec-17	30-Dec-17	66							
TWFB-T1210	Erect Temp Bridge across FLHY	0%	6	6	02-Jan-18	08-Jan-18	66							
TWFB-T1220	Temp TW bridge complete & pedestrian diversion	0%	0	0		08-Jan-18	66						08-Jan-18 ◆ Temp TW bridge complete & pedestrian diversion	
<b>Demolition of Existing Tai Wo Footbridge</b>														
<b>Crossing Fanling Highway Section</b>														
TWFB-DE1060	Erect Temp platform for bridge demolition	0%	20	20	13-Dec-17	08-Jan-18	66							
TWFB-DE1070	Demolish existing Tai Wo Footbridge	0%	5	5	09-Jan-18	13-Jan-18	66							
TWFB-DE1090	Demolish remaining columns	0%	2	2	15-Jan-18	16-Jan-18	66							
TWFB-DE1110	Demolish existing Tai Wo Footbridge complete (across FH)	0%	0	0		16-Jan-18	66						16-Jan-18 ◆ Demolish existing Tai Wo Footbridge complete (across FH)	
<b>Noise Barrier Along Fanling Highway S/B</b>														
<b>NB46A (Ch.5880-5935)-FH S/B Side</b>														
<b>Noise Barrier Works</b>														
NB02200	NB46A - Sheet piling & Excavation	65%	21	60	03-Jun-17 A	13-Dec-17	759							
NB02210	NB46A - Footing & Wall Structure	31.03%	60	87	17-Jun-17 A	31-Jan-18	312							
NB02220	NB46A- backfilling	0%	50	50	01-Feb-18	07-Apr-18	312							
NB02230	NB46A - NB production	0%	45	45	01-Feb-18	17-Mar-18	404							
<b>NB51 (Ch.5935-6055)-FH S/B Side</b>														
<b>Noise Barrier Works</b>														
NB02300	NB51 ID1-3 (0-25m) - NB production	81.33%	14	75	20-May-17 A	03-Dec-17	508							
NB02310	NB51 ID1-3 (0-25m) - NB post & panel installation	0%	5	5	04-Dec-17	08-Dec-17	410							
<b>NB53 (Ch.6125-6300) -FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														
NB02430	Precautionary Measure installation	0%	26	26	20-Nov-17	19-Dec-17	228							
NB02440	NB53 (0-100m) - Sheet piling & Excavation	0%	26	26	20-Dec-17	22-Jan-18	275							
NB02450	NB53 (0-100m) - Footing & Wall Structure	0%	60	60	23-Jan-18	10-Apr-18	275							
NB02490	NB53 ID2-3 (100-125m), 18nos Predrilling	0%	10	10	20-Dec-17	03-Jan-18	228							
NB02500	NB53 ID2-3 (100-125m) 18nos Piling- 1 ris	0%	27	27	04-Jan-18	03-Feb-18	228							
NB02510	NB53 ID2-3 (100-125m) - Sheet piling & Excavation	0%	21	21	05-Feb-18	03-Mar-18	228							
NB02590	NB53 (125-180m) - NB production	96.82%	14	440	20-May-16 A	03-Dec-17	508							
NB02600	NB53 (125-180m) - NB post & panel installation	0%	5	5	04-Dec-17	08-Dec-17	410							
<b>NB55 (Ch.6300-6360)-FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														
NB02660	NB55 - NB production	93.24%	40	592	15-Jan-16 A	29-Dec-17	482							
NB02670	NB55 - NB post & panel installation	0%	5	5	30-Dec-17	05-Jan-18	389							
<b>NB56 (Ch.6360-6400)-FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														
NB02730	NB56 - NB production	97.36%	14	530	20-Feb-16 A	03-Dec-17	508							
NB02740	NB56 - NB post & panel installation	0%	5	5	04-Dec-17	08-Dec-17	410							
<b>NB61 (Ch.6400-6560)-FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														
NB02780	NB61 (0-50m) - Footing & Wall Structure	33.33%	20	30	08-Nov-17 A	12-Dec-17	66							
NB02790	NB61 (0-50m)- backfilling	0%	50	50	13-Dec-17	12-Feb-18	357							
NB02800	NB61 (0-50m) - NB production	0%	45	45	13-Dec-17	26-Jan-18	454							

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2017				2018		
								Nov		Dec		Jan		Feb
NB02810	NB61 (0-50m) - NB post & panel installation	0%	5	5	27-Jan-18	01-Feb-18	366							
NB02850	NB61 (50-160m) - NB production	0%	45	45	20-Nov-17	03-Jan-18	477							
NB02860	NB61 (50-160m) - NB post & panel installation	0%	5	5	04-Jan-18	09-Jan-18	386							
<b>NB61A (Ch.6560-6745)-FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														
NB02920	NB61A (0-50m) - NB production	91.98%	45	561	20-Feb-16 A	03-Jan-18	477							
NB02930	NB61A (0-50m) - NB post & panel installation	0%	5	5	04-Jan-18	09-Jan-18	386							
NB02970	NB61A ID2-3 (50-75m) - Footing & Wall Structure	92.17%	57	728	01-Apr-15 A	27-Jan-18	330							
NB02980	NB61A ID2-3 (50-75m)- backfilling	0%	20	20	29-Jan-18	23-Feb-18	345							
NB02990	NB61A ID2-3 (50-75m) - NB production	0%	45	45	27-Jan-18	13-Mar-18	408							
NB03040	NB61A (75-190m) - NB production	97.18%	15	531	20-Feb-16 A	04-Dec-17	507							
NB03050	NB61A (75-190m) - NB post & panel installation	0%	5	5	05-Dec-17	09-Dec-17	409							
<b>Box Culvert ID3 Works</b>														
<b>VO58 Extension of ID3</b>														
ID30140	Wing Wall Construction	0%	75	75	01-Dec-17*	03-Mar-18	116							
<b>Fanling Highway Construction</b>														
<b>Drainage &amp; Road Works</b>														
<b>Ch 5880-6740</b>														
RDZ41210	Z2 (CH5880-6740) : Fanling Highway N/B - D&R works (lane 2)	0%	30	30	18-Dec-17	24-Jan-18	347							
RDZ41220	Z2 (CH5880-6740): Fanling Highway N/B - D&R works (lane 3)	0%	24	24	25-Oct-17 A	16-Dec-17	-2							
RDZ41230	Z2 (CH5880-6740) : Fanling Highway N/B - D&R works (lane 4)	20%	24	30	25-Sep-17 A	16-Dec-17	-2							
RDZ41234	Z2 : FLHY N/B after Tai Wo Footbridge removal (Lane 2,3,4)	0%	90	90	17-Jan-18	10-May-18	66							
RDZ41240	Z2 (CH5880-6740) : Fanling Highway S/B - D&R works (lane 4)	0%	59	59	25-Oct-17 A	30-Jan-18	191							
RDZ41250	Z2 (CH5880-6740) : Fanling Highway S/B - D&R works (lane 3)	0%	59	59	31-Jan-18	17-Apr-18	191							
<b>Other Works</b>														
<b>Site Clearance &amp; Demolition of Existing Structure</b>														
<b>Contract Condition</b>														
MCLT1090	New MCLT - finishes works	88.41%	48	414	20-May-16 A	17-Jan-18	379							
MCLT1100	New MCLT completion	0%	0	0		17-Jan-18*	379						17-Jan-18* ◆ New MCLT completion	
<b>TCSS Works</b>														
<b>FVMS1 (Deleted by DWG HY/2012/06/SK/0866)</b>														
TCSS1430	Predrilling (6no, 0.19m mini pile)	0%	12	12	04-Jan-18	17-Jan-18	301							
TCSS1432	Piling (6nos, 0.19m mini pile)	0%	0	0	25-Jan-18	25-Jan-18	295							
TCSS1434	Sheeting & excavation (4m)	0%	12	12	25-Jan-18	07-Feb-18	295							
TCSS1436	Fast lane footing - FVMS1 (CH6280, N/B)	0%	18	18	08-Feb-18	03-Mar-18	295							
<b>ADS1</b>														
TCSS1930	Predrilling (6no, 0.19m mini pile)	0%	12	12	18-Dec-17	03-Jan-18	265							
TCSS1940	Piling (6nos, 0.19m mini pile)	0%	18	18	04-Jan-18	24-Jan-18	265							
TCSS1950	Sheeting & excavation (4m)	0%	12	12	25-Jan-18	07-Feb-18	265							
TCSS1960	Fast lane footing - ADS1 (CH6400, N/B)	0%	18	18	08-Feb-18	03-Mar-18	265							
<b>FADS1</b>														
TCSS2040	Back filling & reinstatement road work (2m)	0%	23	18	11-Nov-17 A	15-Dec-17	374							
<b>G54</b>														
TCSS1500	Slow lane footing - G54 (NB61)	0%	0	0		12-Dec-17	377						12-Dec-17 ◆ Slow lane footing - G54 (NB61)	
<b>South Buffer Zone 1 (SBZ1) (within Zone 2)(Ch.6740 to 6930)</b>														
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>														
<b>NB64 &amp; NB64A (Ch.6860-6920)-TWSR West Side</b>														
<b>Noise Barrier Works</b>														
NB003060	NB64A -Footing & Wall Structure - 1 bays	0%	35	35	19-Aug-17 A	02-Jan-18	352							
NB003350	Bus Shelter footing & shelter near NB64 - VO86	0%	40	40	03-Jan-18	21-Feb-18	352							
<b>Noise Barrier Along Fanling Highway N/B</b>														
<b>NB60 (Ch.6450-6920)-FH N/B Side</b>														
<b>Noise Barrier Works</b>														
NB02040	NB60 (300-408m)(NB60/26-34, 0.19m -44nos) Piling	0%	66	66	25-Jan-18	19-Apr-18	59							
NB02090	NB60 (408-468m)(NB60/35-39) & FADS1 Pre-drilling	0%	10	10	25-Jan-18	05-Feb-18	115							
NB02105	NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos)	0%	58	58	25-Jan-18	10-Apr-18	109							
<b>NB66 (Ch.6920-6930)-FH N/B Side</b>														
<b>Noise Barrier Works</b>														
NB02150	NB66 - Sheet piling & Excavation	0%	18	18	25-Jan-18	14-Feb-18	130							
NB02160	NB66 - Footing & Wall Structure	0%	21	21	15-Feb-18	14-Mar-18	130							
<b>Bridge Construction</b>														
<b>Kau Lung Hang Vehicular Bridge</b>														
<b>KLH Bridge - West Ramp</b>														
KLH.1290	West Ramp - Planting	0%	21	21	20-Nov-17	13-Dec-17	406							
<b>KLH Bridge - Deck 1</b>														
KLH.3430	Deck 1 - Planting	0%	21	21	20-Nov-17	13-Dec-17	406							
<b>KLH Bridge - Deck 3</b>														
KLH.3500	Deck 3 - Planting	0%	21	21	20-Nov-17	13-Dec-17	438							
<b>KLH Bridge - East Ramp</b>														
KLH.3590	East Ramp - Planting	0%	34	34	20-Nov-17	30-Dec-17	746							
<b>KLH Bridge - Ramp R1</b>														
Z2.KLH.3610	Ramp R1 - Steel roof	92.76%	11	152	19-Jan-17 A	01-Dec-17	416							
<b>KLH Bridge - Ramp R2</b>														
Z2.KLH.1550	Ramp R2 - Steel roof	86.44%	16	118	14-Mar-17 A	07-Dec-17	411							
<b>KLH Bridge - Staircase S1</b>														
Z2.KLH.1460	S1 - Staircase steel work, handrail Shop drawing submission &	0%	90	90	18-Jan-18	17-Apr-18	71							
<b>Bridge Road Work</b>														

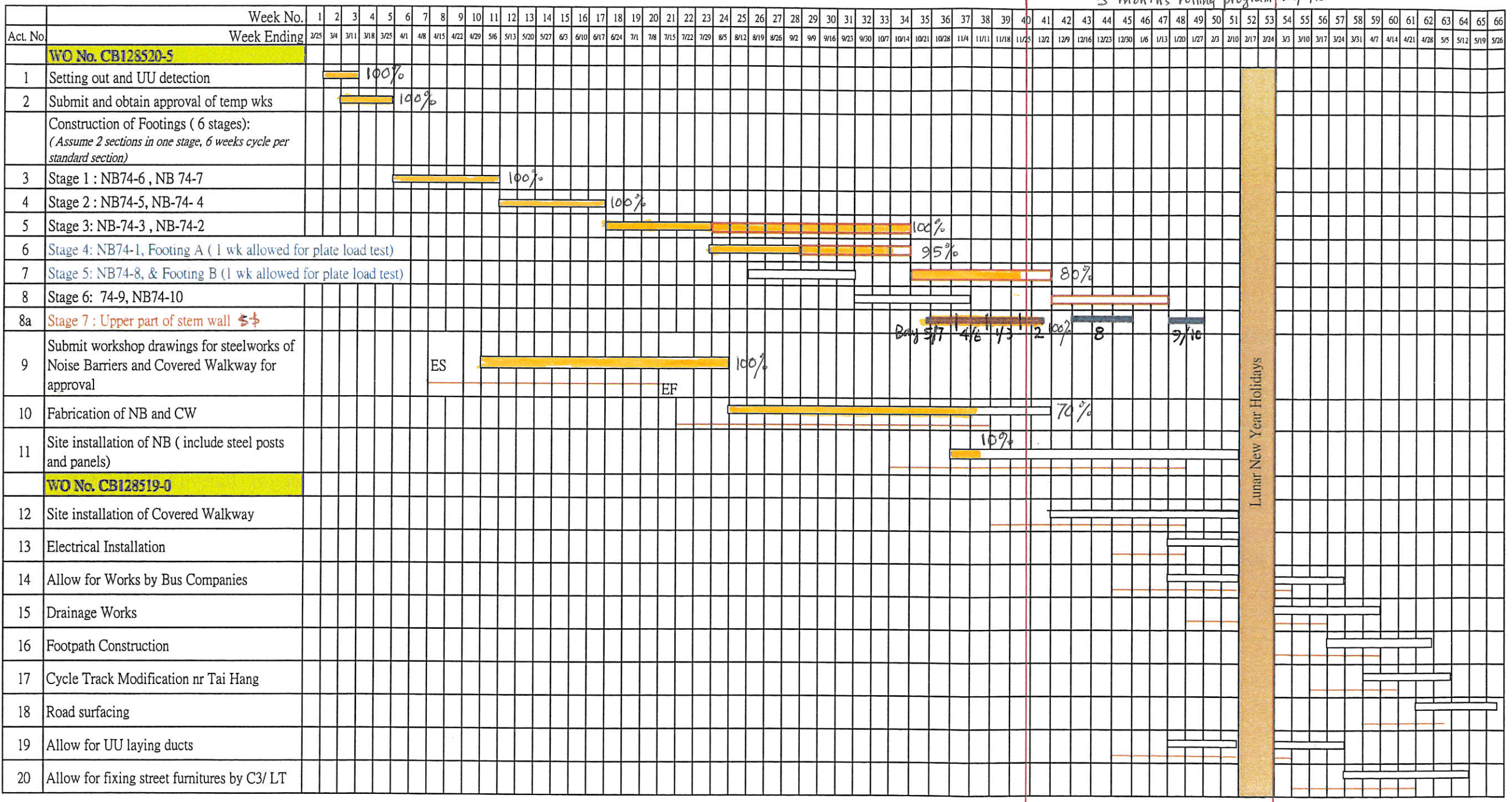
Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2017				2018		
								Nov		Dec		Jan		Feb
Z2.KLH.2040	Landscape work of KLHVB	0%	120	120	20-Nov-17	19-Apr-18	307							
<b>Lift at TWSR-W Side</b>														
L01060	Lift shaft & roof	57.69%	22	52	03-Aug-17 A	14-Dec-17	305							
L01070	Structural Laminated glass wall installation	0%	11	11	15-Dec-17	29-Dec-17	305							
L01090	Glass canopy (As Confirmed by ER, No glass canopy is required)	0%	0	0	20-Nov-17	20-Nov-17	338							
L01094	Lift submission & ordering period	92.29%	30	389	01-Aug-16 A	23-Dec-17	308							
L01100	Lift installation	0%	70	70	30-Dec-17	26-Mar-18	305							
L01130	Finishes work	0%	88	88	20-Nov-17	08-Mar-18	339							
L01140	CLP Power available (by CLP)	99.41%	3	505	04-Apr-16 A	22-Nov-17	499							
<b>Lift at FLHY S/B</b>														
L01230	Structural Laminated glass wall installation	0%	45	30	03-Oct-17 A	13-Jan-18	323							
L01250	Glass canopy (As Confirmed by ER, No glass canopy is required)	0%	0	0	20-Nov-17	20-Nov-17	367							
L01260	Lift installation	0%	45	45	15-Jan-18	10-Mar-18	323							
L01290	Finishes work	0%	60	60	20-Nov-17	31-Jan-18	367							
L01300	CLP Power available (by CLP)	83.39%	94	566	04-Apr-16 A	21-Feb-18	414							
<b>Signalized Junction</b>														
<b>Kau Lung Hang Vehicular Bridge</b>														
<b>KLH Bridge - West Ramp</b>														
Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	0%	21	21	30-Nov-17*	23-Dec-17	391							
<b>Noise Barrier Along Fanling Highway S/B</b>														
<b>NB62 (Ch.6745-6910)-FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														
NB03090	NB62 (0-80m) - Footing & Wall Structure	84.78%	35	230	12-Dec-16 A	02-Jan-18	352							
NB03100	NB62 (0-80m) - backfilling	72.33%	44	159	27-Mar-17 A	12-Jan-18	378							
NB03110	NB62 (0-80m) - NB production	0%	45	45	03-Jan-18	16-Feb-18	433							
NB03150	NB62 (80-110m) Under bridge - backfilling	0%	14	14	20-Nov-17	05-Dec-17	408							
NB03160	NB62 (80-110m) Under bridge - NB production	0%	45	45	20-Nov-17	03-Jan-18	477							
NB03170	NB62 (80-110m) Under bridge - NB post & panel installation	0%	5	5	04-Jan-18	09-Jan-18	386							
NB03200	NB62 (110-170m) - backfilling	0%	20	20	20-Nov-17	12-Dec-17	402							
NB03210	NB62 (110-170m) - NB production	0%	45	45	20-Nov-17	03-Jan-18	477							
NB03220	NB62 (110-170m) - NB post & panel installation	0%	5	5	04-Jan-18	09-Jan-18	386							
<b>NB70 (Ch.6910-6930)-FH S/B Side</b>														
<b>Noise Barrier Works</b>														
NB03290	NB70- NB post & panel installation	0%	5	5	20-Nov-17	24-Nov-17	422							
<b>Fanling Highway Construction</b>														
<b>Drainage &amp; Road Works</b>														
<b>Ch 6740-6930</b>														
RDZ20450	Z2 (CH6740-6930) : Fanling Highway N/B - D&R works (lane 2)	0%	24	24	18-Dec-17	17-Jan-18	379							
RDZ20460	Z2 (CH6740-6930): Fanling Highway N/B - D&R works (lane 3)	0%	24	24	25-Oct-17 A	16-Dec-17	-2							
RDZ20470	Z2 (CH6740-6930) : Fanling Highway N/B - D&R works (lane 4)	0%	24	24	25-Sep-17 A	16-Dec-17	-2							
RDZ20490	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 4)	0%	24	24	20-Nov-17	16-Dec-17	403							
RDZ20500	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 3)	0%	24	24	31-Jan-18	02-Mar-18	344							
<b>North Buffer Zone 2 (NBZ2) (within Zone 4) (Ch. 7925 to 8100)</b>														
<b>Bridge Construction</b>														
<b>New Ho Ka Yuen Footbridge</b>														
<b>TWSR-West/ FL Highway N/B Side Section</b>														
HKY1440	Remaining Finishes works of HKYFB	79.04%	57	272	21-Nov-16 A	27-Jan-18	357							
HKY1520	VO11 - slope improvement work	0%	45	45	29-Jan-18	24-Mar-18	357							
<b>TWSR-East FL Highway S/B Side Section</b>														
HKY1870	Steel Ramp finishes work (HKYFB-TWSR-E side)	88.1%	30	252	13-Oct-16 A	23-Dec-17	429							
<b>ZONE 4 (Ch. 7925 to 8700)</b>														
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>														
<b>Underground Utility Works</b>														
<b>DN450 DI Watermain "A" (Ch 1989-2529)</b>														
DI0140	DN450 DI watermain laying (200-250m)	0%	30	30	20-Nov-17	23-Dec-17	199							
DI0150	DN450 DI watermain laying (250-300m)	0%	30	30	27-Dec-17	31-Jan-18	199							
DI0160	DN450 DI watermain laying (300-350m)	0%	30	30	01-Feb-18	10-Mar-18	199							
<b>Noise Barrier Along Fanling Highway N/B</b>														
<b>NB75 (Ch.7930-8090)-FH N/B Side</b>														
<b>Noise Barrier Works</b>														
NB4090	NB75 - NB post & panel installation (Ch7930-7990)	0%	5	5	20-Nov-17	24-Nov-17	284							
NB4150	NB75 - NB post & panel installation (Ch7990-8000)	0%	5	5	25-Nov-17	30-Nov-17	284							
NB4210	NB75 - NB post & panel installation (Ch8000-8050)	0%	5	5	20-Nov-17	24-Nov-17	289							
NB4260	NB75 - NB production (Ch8050-8090)	0%	45	45	20-Nov-17	03-Jan-18	312							
NB4270	NB75 - NB post & panel installation (Ch8050-8090)	0%	5	5	04-Jan-18	09-Jan-18	253							
NB4280	NB75 complete	0%	0	0		09-Jan-18	253						09-Jan-18 ◆ NB75 complete	
NB4580	NB75 backfilling complete	0%	0	0		19-Dec-17	45						19-Dec-17 ◆ NB75 backfilling complete	
NB4610	NB75 Drainage Works	78.33%	26	120	20-Jul-17 A	19-Dec-17	0							
<b>NB77 (Ch.8090-8450)-FH N/B Side</b>														
<b>Noise Barrier Works</b>														
NB4310	NB77 - Footing & Wall Structure (Ch8090-8190)	50%	40	80	20-Jul-17 A	08-Jan-18	11							
NB4320	NB77 - backfilling (Ch8090-8190)	0%	20	20	13-Feb-18	10-Mar-18	41							
NB4330	NB77 - NB production (Ch8090-8190)	0%	45	45	09-Jan-18	22-Feb-18	250							
NB4370	NB77 - Footing & Wall Structure (Ch8190-8290)	62.5%	30	80	20-Sep-17 A	23-Dec-17	85							
NB4390	NB77 - NB production (Ch8190-8290)	0%	45	45	23-Dec-17	06-Feb-18	266							

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2017				2018	
								Nov		Dec		Jan	Feb
NB4430	NB77 - Footing & Wall Structure (Ch8290-8390)	17.5%	66	80	03-Nov-17 A	07-Feb-18	65						
NB4450	NB77 - NB production (Ch8290-8390)	0%	45	45	08-Feb-18	24-Mar-18	220						
NB4482	NB77 - Footing & Wall Structure (NB77/27 - 28, N1-N2)	0%	50	50	20-Nov-17	19-Jan-18	39						
NB4490	NB77 - Footing & Wall Structure (NB77/31 - 32, 0.19m & G35)	0%	50	50	20-Jan-18	22-Mar-18	39						
NB4620	NB77 Drainage Works	0%	100	100	09-Jan-18	14-May-18	11						
<b>Bridge Construction</b>													
<b>New Wo Hop Shek Pedstrian &amp; Cycle Bridge</b>													
<b>General</b>													
WHS1105	W77A & W77B & backfilling work complete	0%	0	0		20-Nov-17	459						
20-Nov-17 ♦ W77A & W77B & backfilling work complete													
<b>TWSR-West/ FL Highway N/B Side Section</b>													
WHS1380	WHSAB2, P8, P9 - pile cap & abutment wall	45.45%	30	55	20-Jun-17 A	23-Dec-17	187						
WHS1390	WHSAB2, P8, P9 - Backfilling (~3m)	0%	20	20	27-Dec-17	19-Jan-18	187						
WHS1400	2nd half Steel Ramp ready for erection (WHS-TWSR-W side)	0%	0	0		19-Jan-18	187						
WHS2040	Potential VO for WHS Ramp modification (1st stage)	0%	0	0	20-Nov-17*		105						
WHS2100	Shop Drawing preparation, submission & approval	27.78%	65	90	20-Oct-17 A	06-Feb-18	100						
WHS2110	Material procurement & testing	0%	60	60	25-Nov-17	06-Feb-18	100						
WHS2120	Ramp fabrication	0%	72	72	07-Feb-18	10-May-18	100						
<b>Crossing Fanling Highway Section</b>													
WHS1510	TTA for new WHS bridge submission & approval	0%	60	60	20-Nov-17	31-Jan-18	363						
WHS1520	Remove railing	0%	12	12	01-Feb-18	14-Feb-18	363						
WHS1530	Bridge floor marking	0%	6	6	15-Feb-18	24-Feb-18	363						
<b>Slip Road Y Construction</b>													
<b>Drainage &amp; Road Works</b>													
<b>TWSR-East FL Highway S/B Side Section</b>													
RDZ41060	Construct Slip Rd Y - 1st Lane (Ch8370-8650)(SA340) (Z4)	81.11%	17	90	20-Jul-17 A	08-Dec-17	0						
RDZ41070	Traffic diversion to slip rd Y - half lane(Z4 TTA-Stage 4)	0%	1	1	09-Dec-17	09-Dec-17	0						
<b>VO - Wall 76A Construction</b>													
<b>Retaining Wall W76A</b>													
<b>TWSR-East FL Highway S/B Side Section</b>													
W76A1050	Drainage work for Caltex access road	69.33%	46	150	20-Jul-17 A	15-Jan-18	263						
W76A1060	Road work for Caltex access road	0%	150	150	16-Jan-18	21-Jul-18	263						
<b>Fanling Highway Construction</b>													
<b>Drainage &amp; Road Works</b>													
<b>TWSR-East FL Highway S/B Side Section</b>													
RDZ41102	Construct FH N/B Lane 1 (at NBZ2)	0%	20	20	20-Dec-17	15-Jan-18	45						
RDZ41104	Construct FH N/B Lane 2 (at NBZ2)	0%	20	20	16-Jan-18	07-Feb-18	45						
RDZ41106	Construct FH N/B Lane 3 (at NBZ2)	0%	20	20	08-Feb-18	06-Mar-18	45						
RDZ41122	Construct FH S/B Lane 3 (at NBZ2)	0%	20	20	27-Jan-18	22-Feb-18	0						
RDZ41124	Construct FHS/B Lane 4 (at NBZ2)	0%	30	30	20-Dec-17	26-Jan-18	0						
RDZ41131	Drainage work at central divider (Ch8100-8600)	22.67%	116	150	10-Oct-17 A	14-Apr-18	25						
<b>Other Works</b>													
<b>Retaining Wall W78</b>													
<b>TWSR-East FL Highway S/B Side Section</b>													
RWZ4.0900	Site Clearance	0%	12	12	11-Dec-17	23-Dec-17	0						
RWZ4.0910	Demolition of existing retaining wall (Instructed in 2-Jun-17 ad-hoc site)	0%	35	35	27-Dec-17	06-Feb-18	0						
RWZ4.1010	Base slab & Wall (6-11m high)- RW78 (Ch.0-50)	0%	110	110	07-Feb-18	26-Jun-18	0						
<b>Slope Works</b>													
<b>TWSR-East FL Highway S/B Side Section</b>													
S1030	Slope S53-Fill ~5m	0%	110	110	20-Nov-17	07-Apr-18	184						
S1040	Slope S54A-Cut ~4m	0%	40	40	20-Nov-17	08-Jan-18	383						
S1050	Slope S54B-Cut ~5m	0%	40	40	20-Nov-17	08-Jan-18	383						
<b>TCSS Works</b>													
<b>TCSS Pre-Construction Works</b>													
TCSS0120	Prepare Shop Drawing-TCSS	0%	30	30	20-Nov-17	23-Dec-17	14						
TCSS0130	Shop Drawing Comment & Approval	0%	21	21	23-Dec-17	13-Jan-18	157						
TCSS0140	Revised & Re-submission TCSS shop Drawing	0%	18	18	15-Jan-18	03-Feb-18	124						
TCSS0150	Confirm Shop drawing & ready for material ordering & factory	0%	0	0		03-Feb-18	124						
TCSS0160	Raw material procurement	0%	180	180	23-Dec-17	21-Jun-18	20						
<b>G34</b>													
TCSS1520	Slow lane footing - G34 (NB75)	0%	0	0		20-Nov-17	217						
TCSS1530	Fast lane footing - G34 (CH7990, N/B)	0%	30	30	27-Jan-18	06-Mar-18	131						
<b>G35</b>													
TCSS1560	Fast lane footing - G35 (CH8410, N/B)	0%	5	5	20-Nov-17	24-Nov-17	332						
<b>DS50</b>													
TCSS1600	Slip road island footing - DS50 (CH7940, S/B)	0%	30	30	20-Nov-17	23-Dec-17	247						
TCSS1610	Fast lane footing - DS50 (CH7940, S/B)	0%	5	5	20-Nov-17	24-Nov-17	272						
<b>FVMS2 (Deleted by RFI-138, Pending for VO)</b>													
TCSS1640	Slow lane footing - FVMS2 (CH8400, S/B)- Deleted by RFI-138	0%	30	30	20-Nov-17	23-Dec-17	307						
TCSS1650	Fast lane footing - FVMS2 (CH8400, S/B)	0%	30	30	20-Nov-17	23-Dec-17	307						

CHIU HING CONSTRUCTION AND TRANSPORTATION CO. LTD.  
 Contract No. 02/HY/2015  
 Works Order Nos: CB128519-0 & CB128520-5  
 Programme of Construction of Noise Barrier and Pedestrian Covered Walkway at Tai Wo Service Road East near Ho Ka Yuen

Revised Program Duration  
 Programmed Duration  
 Actual Progress  
 Critical Path Activities  
 Early Start & Early Finish  
 Float = 3 weeks  
 upper part of stem wall  
 3 months rolling program

Rev	Date	Description
00	28/02/17	initial issue
01	29/03/17	refer RE's comments
02	22/5/17	add plate load test program
03	28/9/2017	revise program of task 5-8



Cycle time for standard section :

Item	Activity	Approx Qty	Days for Construction (Calendar Days)
1	Sheet-piling with struts	24 x 7 = 168M2	10 days
2	Excavation	12 x 6 x 6 = 432 M3	7 days
3	Rock Fill (assumed)	12 x 2 = 24 M3	2 days
4	Blinding Layer		1 day
5	Fwk-Rebar- Concreting	110 M3	10 days **
6	Posts for Covered Walkway		7 days ##
7	Backfilling	290M3	5 days
			Total = 42 days

\*\* Breakdown of Item 5

	Base Slab calendar days	Stem calendar days
Fwk	1	2
Re-bar	1	3
Concreting	1	1
Remove Fwk		1
Total :	10 days	

## Breakdown of Item 6

	Posts calendar days
Fwk	2
Re-bar	3
Concreting	1
Remove Fwk	1
Total :	7 days

\$\$ Breakdown of Item 8a (for 2 sections of stem wall) (upper part)

	Posts calendar days
Fwk	4
Re-bar	2
Concreting	1
Fix HD bolts	2
Remove Fwk	1
Total :	10 days

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**CONSTRUCTION PROGRAMME OF  
DECEMBER 2017**

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Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2017				2018					
								Dec	Jan	Feb	Mar	Dec	Jan	Feb	Mar		
<b>Contract Condition</b>																	
<b>General</b>																	
<b>Contract Condition</b>																	
<b>Contract Condition</b>																	
KD14	KD-14 1523d) - S4: Achievement: Rd widening of Fanling Highway @	0%	0	0		20-Dec-17	174								20-Dec-17* ◆ KD-14 1523d) - S4: Achievement: Rd widening of Fanling Highway @ SBZ1 (expt.		
POSSA323A	Site Area SA323A (360d) (not required)	0%	0	0	20-Dec-17		932								◆ Site Area SA323A (360d) (not required)		
POSSA327	Site Area SA327 (180d)	0%	0	0	20-Dec-17*		-1084								◆ Site Area SA327 (180d)		
POSSA327A	Site Area SA327A (730d)	0%	0	0	20-Dec-17*		-886								◆ Site Area SA327A (730d)		
POSSA345	Site Area SA345 (0d)	0%	0	0	20-Dec-17*		-751								◆ Site Area SA345 (0d)		
<b>ZONE 1 (Ch. 5640 to 5880)</b>																	
<b>Noise Barrier Along Fanling Highway N/B</b>																	
<b>NB43B (Ch.5640-5880)-FH N/B Side</b>																	
<b>Noise Barrier Works</b>																	
NB01210	NB43B-1 (0-100m) - Sheet piling & Excavation	0%	18	18	19-Jul-17 A	12-Jan-18	37										
NB01220	NB43B-1 - Footing & Wall Structure	0%	40	40	13-Jan-18	03-Mar-18	37										
NB01225	NB43B-1 (0-100m) - Drainage Works	0%	24	24	05-Mar-18	04-Apr-18	37										
NB01240	NB43B-1 - NB production	0%	45	45	03-Mar-18	17-Apr-18	398										
NB01260	NB43B-2 (100-200m) - Sheet piling & Excavation	0%	18	18	16-Nov-17 A	12-Jan-18	61										
NB01270	NB43B-2 - Footing & Wall Structure	0%	40	40	13-Jan-18	03-Mar-18	61										
NB01290	NB43B-2 - NB production	0%	45	45	03-Mar-18	17-Apr-18	398										
NB01320	NB43B-3 - Footing & Wall Structure	0%	40	40	25-Nov-17 A	07-Feb-18	103										
NB01340	NB43B-3 - NB production	0%	45	45	08-Feb-18	24-Mar-18	422										
<b>Fanling Highway Construction</b>																	
<b>Drainage &amp; Road Works</b>																	
<b>Ch 5640-5880</b>																	
RDZ11050	Z1 (Ch5640-5880) : Fanling Highway S/B - D&R works (lane 4)	0%	20	20	04-Jan-18	26-Jan-18	194										
RDZ11060	Z1 (Ch5640-5880) : Fanling Highway S/B - D&R works (lane 3)	0%	20	20	17-Mar-18	13-Apr-18	194										
<b>ZONE 2 (Ch. 5880 to 6930)</b>																	
<b>General</b>																	
<b>DRM Proposal</b>																	
<b>DRM Proposal</b>																	
ADVZ20280	TTA for NB construction (Shift TWSR-W to Temp road)	0%	30	30	13-Jan-18	20-Feb-18	-22										
ADVZ20290	NB at FLHY N/B construction Period (Zone 2)	0%	249	249	21-Feb-18	20-Dec-18	-22										
ADVZ20310	NB at FLHY N/B construction Period (Zone 1)	18.39%	142	174	05-Oct-17 A	16-Jun-18	139										
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>																	
<b>NB54A (Ch.6290-6350)-TWSR West Side</b>																	
<b>Noise Barrier Works</b>																	
NB00790	NB54A - NB post & panel installation	0%	5	5	15-Jan-18*	19-Jan-18	377										
<b>Noise Barrier Along Fanling Highway N/B</b>																	
<b>Site Clearance &amp; Demolition of Existing Structure</b>																	
<b>General</b>																	
ADVZ20130	Existing Utility cable disconnected & TTA for NB complete	0%	0	0	21-Feb-18		-22								◆ Existing Utility cable dis		
ADVZ20140	Site Clearance (for NB Along FH N/B)	0%	30	30	13-Jan-18	20-Feb-18	-22										
<b>NB43A (Ch.5880-6060)-FH N/B Side</b>																	
<b>Noise Barrier Works</b>																	
NB001080	NB43A- ID1-2 piling (0.19m -18no)-1 rigs	0%	27	27	21-Feb-18	23-Mar-18	-22										
NB01520	NB43A-1 - Footing & Wall Structure	0%	60	60	25-Nov-17 A	06-Mar-18	179										
NB01540	NB43A-1 - NB production	0%	45	45	07-Mar-18	20-Apr-18	370										
NB01560	NB43A-2 (86.8-166.7m) - Sheet piling & Excavation	0%	18	18	21-Feb-18	13-Mar-18	29										
NB01570	NB43A-2 - Footing & Wall Structure	0%	60	60	14-Mar-18	29-May-18	29										
<b>NB50 (Ch.6060-6130)-FH N/B Side</b>																	
<b>Noise Barrier Works</b>																	
NB001150	NB50 -piling (0.19m -28no)	0%	42	42	21-Feb-18	14-Apr-18	-1										
<b>NB50A (Ch.6130-6450)-FH N/B Side</b>																	
<b>Noise Barrier Works</b>																	
NB01654	NB50A (132-228m)(NB50A/12-20) & FVMS1 Pre-drilling	0%	20	20	21-Feb-18	15-Mar-18	-15										
<b>NB60 (Ch.6450-6920)-FH N/B Side</b>																	
<b>Noise Barrier Works</b>																	
NB01910	NB60 ID3-2 (174-192m) 0.19m -18nos Piling	0%	27	27	21-Feb-18	23-Mar-18	3										
NB01980	NB60 (192-300m)(NB60/16-25, 0.19m -48nos) Piling	0%	72	72	21-Feb-18	21-May-18	17										
<b>Bridge Construction</b>																	
<b>New Tai Hang Footbridge</b>																	
<b>General</b>																	
THBF0665	Diversion of existing pedestrian from existing to proposed footbridge	0%	1	1	03-Feb-18	03-Feb-18	-18										
<b>TWSR-West/ FL Highway N/B Side Section</b>																	
THBF0620	Finishes Work	68.47%	64	203	27-Feb-17 A	10-Mar-18	337										
THBF0625	Bridge Structure complete (THFB-TWSR-W side)	0%	0	0		10-Mar-18	337								10-Mar-18 ◆ Bridge		
<b>Crossing Fanling Highway Section</b>																	
THBF0590	Finishes Work	0%	30	30	20-Dec-17	26-Jan-18	371										
THBF0600	Bridge Structure complete (THFB-Cross fanling highway)	0%	0	0		26-Jan-18	371								26-Jan-18 ◆ Bridge Structure complete (THFB-Cross fanling		
<b>TWSR-East FL Highway S/B Side Section</b>																	

	Project ID: WP Rev 05 (1712)	<p align="center"><b>Contract No. HY/2012/06</b></p> <p align="center"><b>Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange</b></p> <p align="center"><b>3 Month Rolling Program(20-Dec-17)</b></p>		Date	Revision	C. A
	Layout: 3 Month Rolling Program			30-Jun-14	WP Rev 1A	
Page 1 of 5				28-Aug-15	WP Rev 2	
				07-Apr-16	WP Rev 3	
				08-Nov-16	WP Rev 4	
				17-Aug-17	WP Rev 5	

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2017				2018		
								Dec		Jan		Feb		Mar
THBF0470	THAB1 - pile cap & abutment wall	79.91%	45	224	21-Nov-16 A	16-Apr-18	230							
THBF0780	Modified existing column head of existing footbridge	0%	14	14	20-Dec-17	08-Jan-18	-18							
THBF0785	Reconstruction of existing span between P4 and existing pier	0%	22	22	09-Jan-18	02-Feb-18	-18							
THBF0800	ABWF work	0%	30	30	03-Feb-18	13-Mar-18	335							
<b>Lift at TWSR-W Side</b>														
L1530	Structural Laminated glass wall installation	0%	30	30	20-Dec-17	26-Jan-18	268							
L1550	Metal cover on RC platform	0%	30	30	20-Dec-17	26-Jan-18	251							
L1555	Glass canopy on ground level	0%	30	30	27-Jan-18	06-Mar-18	341							
L1560	Lift installation (NF115)	0%	70	70	27-Jan-18	26-Apr-18	268							
L1590	E&M and Finishes work	0%	120	120	27-Jan-18	27-Jun-18	251							
L1600	CLP Power available (by CLP)	92.97%	32	455	21-Jun-16 A	20-Jan-18	423							
<b>Lift at FLHY S/B</b>														
L1370	Lift shaft & roof	84.72%	46	301	20-Sep-16 A	14-Feb-18	194							
L1380	Structural Laminated glass wall installation	0%	30	30	15-Feb-18	24-Mar-18	224							
L1390	RC Platform connect to bridge (THSC-2 & TH-P2)	0%	30	30	15-Feb-18	24-Mar-18	194							
L1450	CLP Power available (by CLP)	93.22%	33	487	21-Jun-16 A	21-Jan-18	424							
<b>Demolition of Existing Tai Hang Footbridge</b>														
<b>TWSR-West/ FL Highway N/B Side Section</b>														
Z2.THF.1120	Demolish existing Tai Hang footbridge (TWSR-W side)	0%	60	60	05-Feb-18	23-Apr-18	278							
<b>Crossing Fanling Highway Section</b>														
Z2.THF.1090	Erect Temp platform for bridge demolition	50%	30	60	18-Dec-17 A	26-Jan-18	-12							
Z2.THF.1100	Demolish existing Tai Hang Footbridge	0%	2	2	03-Feb-18	05-Feb-18	-18							
Z2.THF.1110	Removal of temporary platform	0%	4	4	06-Feb-18	09-Feb-18	-16							
Z2.THF.1130	Demolish remaining column	0%	6	6	06-Feb-18	12-Feb-18	-18							
<b>New Tai Wo Footbridge</b>														
<b>General</b>														
TWFB1090	Steel Bridge prefabrication (TWFB)	88.92%	37	334	15-Aug-16 A	03-Feb-18	229							
TWFB1100	Steel Bridge available on site (TWFB)	0%	0	0	05-Feb-18		229							◆ Steel Bridge available on site (TWFB)
<b>TWSR-West/ FL Highway N/B Side Section</b>														
TWFB1390	Finishes Work	26.25%	59	80	20-May-17 A	05-Mar-18	328							
TWFB1400	Bridge Structure complete (TWFB-TWSR-W side)	0%	0	0		05-Mar-18	328							05-Mar-18 ◆ Bridge Stru
<b>TWSR-East FL Highway S/B Side Section</b>														
TWFB1480	Precautionary work for MTRC I&P area	0%	45	45	20-Dec-17	13-Feb-18	128							
TWFB1550	TWP3 - Pre-bored H pile (6 nos)	0%	18	18	14-Feb-18	09-Mar-18	128							
TWFB1570	TWP3 - Pile cap, Pier and Pier Head	0%	75	75	10-Mar-18	12-Jun-18	128							
<b>Lift at TWSR-W Side</b>														
L1670	Lift shaft & roof	90.37%	34	353	21-Jun-16 A	31-Jan-18	173							
L1680	Structural Laminated glass wall installation	0%	30	30	01-Feb-18	10-Mar-18	216							
L1690	RC Link slab connect to bridge	0%	30	30	01-Feb-18	10-Mar-18	173							
L1700	Metal cover on RC platform	0%	30	30	12-Mar-18	19-Apr-18	173							
L1730	Lift submission & ordering period	92.93%	26	368	02-Jul-16 A	22-Jan-18	254							
L1780	CLP Power available (by CLP)	91.36%	42	486	20-Aug-16 A	30-Jan-18	392							
<b>Temporary Tai Wo Footbridge</b>														
<b>Construction Works</b>														
TWFB-T1200	Erect temp column at new FLHY central divider	0%	7	7	04-Jan-18*	11-Jan-18	53							
TWFB-T1208	Erect Temp Column & link bridge to existing bridge at FLHY S/B	0%	7	7	04-Jan-18	11-Jan-18	53							
TWFB-T1210	Erect Temp Bridge across FLHY	0%	11	11	12-Jan-18	24-Jan-18	53							
TWFB-T1220	Temp TW bridge complete & pedestrian diversion	0%	0	0		24-Jan-18	53							24-Jan-18 ◆ Temp TW bridge complete & pedestrian diversion
<b>Demolition of Existing Tai Wo Footbridge</b>														
<b>Crossing Fanling Highway Section</b>														
TWFB-DE1060	Erect Temp platform for bridge demolition	0%	10	10	13-Jan-18	24-Jan-18	53							
TWFB-DE1070	Demolish existing Tai Wo Footbridge	0%	4	4	25-Jan-18	29-Jan-18	53							
TWFB-DE1090	Demolish remaining columns	0%	2	2	30-Jan-18	31-Jan-18	53							
TWFB-DE1110	Demolish existing Tai Wo Footbridge complete (across FH)	0%	0	0		31-Jan-18	53							31-Jan-18 ◆ Demolish existing Tai Wo Footbridge comp
<b>Noise Barrier Along Fanling Highway S/B</b>														
<b>NB51 (Ch.5935-6055)-FH S/B Side</b>														
<b>Noise Barrier Works</b>														
NB02300	NB51 ID1-3 (0-25m) - NB production	81.33%	14	75	20-May-17 A	02-Jan-18	478							
NB02310	NB51 ID1-3 (0-25m) - NB post & panel installation	0%	5	5	03-Jan-18	08-Jan-18	387							
<b>NB53 (Ch.6125-6300) -FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														
NB02430	Precautionary Measure installation	0%	26	26	20-Dec-17	22-Jan-18	202							
NB02440	NB53 (0-100m) - Sheet piling & Excavation	0%	26	26	23-Jan-18	24-Feb-18	249							
NB02450	NB53 (0-100m) - Footing & Wall Structure	0%	60	60	26-Feb-18	11-May-18	249							
NB02490	NB53 ID2-3 (100-125m), 18nos Predrilling	0%	10	10	23-Jan-18	02-Feb-18	202							
NB02500	NB53 ID2-3 (100-125m) 18nos Piling- 1 rias	0%	27	27	03-Feb-18	09-Mar-18	202							
NB02510	NB53 ID2-3 (100-125m) - Sheet piling & Excavation	0%	21	21	10-Mar-18	07-Apr-18	202							
NB02590	NB53 (125-180m) - NB production	96.82%	14	440	20-May-16 A	02-Jan-18	478							
NB02600	NB53 (125-180m) - NB post & panel installation	0%	5	5	03-Jan-18	08-Jan-18	387							
<b>NB55 (Ch.6300-6360)-FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														
NB02660	NB55 - NB production	93.24%	40	592	15-Jan-16 A	28-Jan-18	452							
NB02670	NB55 - NB post & panel installation	0%	5	5	29-Jan-18	02-Feb-18	365							
<b>NB56 (Ch.6360-6400)-FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2017				2018		
												Dec	Jan	Feb
NB02730	NB56 - NB production	97.36%	14	530	20-Feb-16 A	02-Jan-18	478							
NB02740	NB56 - NB post & panel installation	0%	5	5	03-Jan-18	08-Jan-18	387							
<b>NB61 (Ch.6400-6560)-FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														
NB02780	NB61 (0-50m) - Footing & Wall Structure	66.67%	10	30	08-Nov-17 A	03-Jan-18	53							
NB02790	NB61 (0-50m)- backfilling	0%	50	50	04-Jan-18	06-Mar-18	341							
NB02800	NB61 (0-50m) - NB production	0%	45	45	04-Jan-18	17-Feb-18	432							
NB02810	NB61 (0-50m) - NB post & panel installation	0%	5	5	20-Feb-18	24-Feb-18	349							
NB02850	NB61 (50-160m) - NB production	0%	45	45	20-Dec-17	02-Feb-18	447							
NB02860	NB61 (50-160m) - NB post & panel installation	0%	5	5	03-Feb-18	08-Feb-18	360							
<b>NB61A (Ch.6560-6745)-FH S/B Side (MTRC I&amp;P Area)</b>														
<b>Noise Barrier Works</b>														
NB02920	NB61A (0-50m) - NB production	91.98%	45	561	20-Feb-16 A	02-Feb-18	447							
NB02930	NB61A (0-50m) - NB post & panel installation	0%	5	5	03-Feb-18	08-Feb-18	360							
NB02970	NB61A ID2-3 (50-75m) - Footing & Wall Structure	92.17%	57	728	01-Apr-15 A	02-Mar-18	304							
NB02980	NB61A ID2-3 (50-75m)- backfilling	0%	20	20	03-Mar-18	26-Mar-18	319							
NB02990	NB61A ID2-3 (50-75m) - NB production	0%	45	45	03-Mar-18	16-Apr-18	374							
NB03040	NB61A (75-190m) - NB production	97.18%	15	531	20-Feb-16 A	03-Jan-18	477							
NB03050	NB61A (75-190m) - NB post & panel installation	0%	5	5	04-Jan-18	09-Jan-18	386							
<b>Box Culvert ID3 Works</b>														
<b>VO58 Extension of ID3</b>														
ID30140	Wing Wall Construction	0%	75	75	20-Dec-17*	22-Mar-18	100							
<b>Fanling Highway Construction</b>														
<b>Drainage &amp; Road Works</b>														
<b>Ch 5880-6740</b>														
RDZ41210	Z2 (CH5880-6740) : Fanling Highway N/B - D&R works (lane 2)	0%	30	30	13-Jan-18	20-Feb-18	327							
RDZ41220	Z2 (CH5880-6740): Fanling Highway N/B - D&R works (lane 3)	25%	18	24	25-Oct-17 A	12-Jan-18	-22							
RDZ41230	Z2 (CH5880-6740) : Fanling Highway N/B - D&R works (lane 4)	40%	18	30	25-Sep-17 A	12-Jan-18	-22							
RDZ41232	Z2 : FLHY N/B after Tai Hang Footbridge removal (Lane 2,3,4)	0%	90	90	13-Feb-18	07-Jun-18	267							
RDZ41234	Z2 : FLHY N/B after Tai Wo Footbridge removal (Lane 2,3,4)	0%	90	90	01-Feb-18	26-May-18	53							
RDZ41240	Z2 (CH5880-6740) : Fanling Highway S/B - D&R works (lane 4)	49.15%	30	59	25-Oct-17 A	26-Jan-18	194							
RDZ41250	Z2 (CH5880-6740) : Fanling Highway S/B - D&R works (lane 3)	0%	59	59	27-Jan-18	13-Apr-18	194							
<b>Other Works</b>														
<b>Site Clearance &amp; Demolition of Existing Structure</b>														
<b>Contract Condition</b>														
MCLT1090	New MCLT - finishes works	88.41%	48	414	20-May-16 A	20-Feb-18	353							
MCLT1100	New MCLT completion	0%	0	0		20-Feb-18	353					20-Feb-18* ◆ New MCLT completion		
<b>TCSS Works</b>														
<b>FVMS1 (Deleted by DWG HY/2012/06/SK/0866)</b>														
TCSS1430	Predrilling (6no, 0.19m mini pile)	0%	12	12	13-Jan-18	26-Jan-18	293							
TCSS1432	Piling (6nos, 0.19m mini pile)	0%	0	0	03-Feb-18	03-Feb-18	287							
TCSS1434	Sheeting & excavation (4m)	0%	12	12	03-Feb-18	20-Feb-18	287							
TCSS1436	Fast lane footing - FVMS1 (CH6280, N/B)	0%	18	18	21-Feb-18	13-Mar-18	287							
TCSS1438	Back filling & reinstatement road work (2m)	0%	18	18	14-Mar-18	07-Apr-18	287							
<b>ADS1</b>														
TCSS1940	Piling (6nos, 0.19m mini pile)	0%	18	18	13-Jan-18	02-Feb-18	257							
TCSS1950	Sheeting & excavation (4m)	0%	12	12	03-Feb-18	20-Feb-18	257							
TCSS1960	Fast lane footing - ADS1 (CH6400, N/B)	0%	18	18	21-Feb-18	13-Mar-18	257							
TCSS1970	Back filling & reinstatement road work (2m)	0%	18	18	14-Mar-18	07-Apr-18	257							
<b>FADS1</b>														
TCSS2040	Back filling & reinstatement road work (2m)	0%	23	18	11-Nov-17 A	18-Jan-18	348							
<b>G54</b>														
TCSS1500	Slow lane footing - G54 (NB61)	0%	0	0		03-Jan-18	361					03-Jan-18* ◆ Slow lane footing - G54 (NB61)		
<b>South Buffer Zone 1 (SBZ1) (within Zone 2)(Ch.6740 to 6930)</b>														
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>														
<b>NB64 &amp; NB64A (Ch.6860-6920)-TWSR West Side</b>														
<b>Noise Barrier Works</b>														
NB003350	Bus Shelter footing & shelter near NB64 - VO86	0%	40	40	20-Dec-17	07-Feb-18	361							
<b>Noise Barrier Along Fanling Highway N/B</b>														
<b>NB60 (Ch.6450-6920)-FH N/B Side</b>														
<b>Noise Barrier Works</b>														
NB02040	NB60 (300-408m)(NB60/26-34, 0.19m -44nos) Piling	0%	66	66	21-Feb-18	14-May-18	39							
NB02090	NB60 (408-468m)(NB60/35-39) & FADS1 Pre-drilling	0%	10	10	21-Feb-18	03-Mar-18	95							
NB02105	NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos)	0%	58	58	21-Feb-18	04-May-18	89							
<b>NB66 (Ch.6920-6930)-FH N/B Side</b>														
<b>Noise Barrier Works</b>														
NB02150	NB66 - Sheet piling & Excavation	0%	18	18	21-Feb-18	13-Mar-18	110							
NB02160	NB66 - Footing & Wall Structure	0%	21	21	14-Mar-18	11-Apr-18	110							
<b>Bridge Construction</b>														
<b>Kau Lung Hang Vehicular Bridge</b>														
<b>KLH Bridge - West Ramp</b>														
KLH.1290	West Ramp - Planting	0%	21	21	20-Dec-17	16-Jan-18	380							
<b>KLH Bridge - Deck 1</b>														
KLH.3430	Deck 1 - Planting	0%	21	21	20-Dec-17	16-Jan-18	380							
<b>KLH Bridge - Deck 3</b>														
KLH.3500	Deck 3 - Planting	0%	21	21	20-Dec-17	16-Jan-18	412							

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2017				2018			
								Dec		Jan		Feb		Mar	
<b>KLH Bridge - East Ramp</b>															
KLH.3590	East Ramp - Planting	0%	34	34	20-Dec-17	31-Jan-18	720								
<b>KLH Bridge - Ramp R1</b>															
Z2.KLH.3610	Ramp R1 - Steel roof	92.76%	11	152	19-Jan-17 A	04-Jan-18	390								
<b>KLH Bridge - Ramp R2</b>															
Z2.KLH.1550	Ramp R2 - Steel roof	86.44%	16	118	14-Mar-17 A	10-Jan-18	385								
<b>KLH Bridge - Staircase S1</b>															
Z2.KLH.1460	S1 - Staircase steel work, handrail Shop drawing submission &	0%	90	90	11-Feb-18	11-May-18	47								
<b>Bridge Road Work</b>															
Z2.KLH.2040	Landscape work of KLHVB	0%	120	120	20-Dec-17	21-May-18	281								
<b>Lift at TWSR-W Side</b>															
L01070	Structural Laminated glass wall installation	0%	11	11	20-Dec-17	04-Jan-18	301								
L01090	Glass canopy (As Confirmed by ER, No glass canopy is required)	0%	0	0	20-Dec-17	20-Dec-17	312								
L01094	Lift submission & ordering period	98.97%	4	389	01-Aug-16 A	23-Dec-17	308								
L01100	Lift installation	0%	70	70	05-Jan-18	03-Apr-18	301								
L01130	Finishes work	0%	88	88	20-Dec-17	12-Apr-18	313								
L01140	CLP Power available (by CLP)	99.41%	3	505	04-Apr-16 A	22-Dec-17	469								
<b>Lift at FLHY S/B</b>															
L01230	Structural Laminated glass wall installation	0%	45	30	03-Oct-17 A	13-Feb-18	297								
L01250	Glass canopy (As Confirmed by ER, No glass canopy is required)	0%	0	0	20-Dec-17	20-Dec-17	341								
L01260	Lift installation	0%	45	45	14-Feb-18	14-Apr-18	297								
L01290	Finishes work	0%	60	60	20-Dec-17	06-Mar-18	341								
L01300	CLP Power available (by CLP)	83.39%	94	566	04-Apr-16 A	23-Mar-18	384								
<b>Signalized Junction</b>															
<b>Kau Lung Hang Vehicular Bridge</b>															
<b>KLH Bridge - West Ramp</b>															
Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	0%	21	21	20-Dec-17*	16-Jan-18	374								
<b>Noise Barrier Along Fanling Highway S/B</b>															
<b>NB62 (Ch.6745-6910)-FH S/B Side (MTRC I&amp;P Area)</b>															
<b>Noise Barrier Works</b>															
NB03090	NB62 (0-80m) - Footing & Wall Structure	84.78%	35	230	12-Dec-16 A	01-Feb-18	326								
NB03100	NB62 (0-80m) - backfilling	72.33%	44	159	27-Mar-17 A	12-Feb-18	352								
NB03110	NB62 (0-80m) - NB production	0%	45	45	02-Feb-18	18-Mar-18	403								
NB03120	NB62 (0-80m) - NB post & panel installation	0%	5	5	19-Mar-18	23-Mar-18	326								
NB03150	NB62 (80-110m) Under bridge - backfilling	0%	14	14	20-Dec-17	08-Jan-18	382								
NB03160	NB62 (80-110m) Under bridge - NB production	0%	45	45	20-Dec-17	02-Feb-18	447								
NB03170	NB62 (80-110m) Under bridge - NB post & panel installation	0%	5	5	03-Feb-18	08-Feb-18	360								
NB03200	NB62 (110-170m) - backfilling	0%	20	20	20-Dec-17	15-Jan-18	376								
NB03210	NB62 (110-170m) - NB production	0%	45	45	20-Dec-17	02-Feb-18	447								
NB03220	NB62 (110-170m) - NB post & panel installation	0%	5	5	03-Feb-18	08-Feb-18	360								
<b>NB70 (Ch.6910-6930)-FH S/B Side</b>															
<b>Noise Barrier Works</b>															
NB03290	NB70- NB post & panel installation	0%	5	5	11-Dec-17 A	27-Dec-17	396								
<b>Fanling Highway Construction</b>															
<b>Drainage &amp; Road Works</b>															
<b>Ch 6740-6930</b>															
RDZ20450	Z2 (CH6740-6930) : Fanling Highway N/B - D&R works (lane 2)	0%	24	24	13-Jan-18	09-Feb-18	359								
RDZ20460	Z2 (CH6740-6930): Fanling Highway N/B - D&R works (lane 3)	25%	18	24	25-Oct-17 A	12-Jan-18	-22								
RDZ20470	Z2 (CH6740-6930) : Fanling Highway N/B - D&R works (lane 4)	25%	18	24	25-Sep-17 A	12-Jan-18	-22								
RDZ20490	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 4)	0%	30	24	25-Oct-17 A	26-Jan-18	371								
RDZ20500	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 3)	0%	24	24	27-Jan-18	27-Feb-18	347								
<b>North Buffer Zone 2 (NBZ2) (within Zone 4) (Ch. 7925 to 8100)</b>															
<b>Bridge Construction</b>															
<b>New Ho Ka Yuen Footbridge</b>															
<b>TWSR-West/ FL Highway N/B Side Section</b>															
HKY1440	Remaining Finishes works of HKYFB	79.04%	57	272	21-Nov-16 A	02-Mar-18	331								
HKY1520	VO11 - slope improvement work	0%	45	45	03-Mar-18	28-Apr-18	331								
<b>TWSR-East FL Highway S/B Side Section</b>															
HKY1870	Steel Ramp finishes work (HKYFB-TWSR-E side)	88.1%	30	252	13-Oct-16 A	26-Jan-18	403								
<b>ZONE 4 (Ch. 7925 to 8700)</b>															
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>															
<b>Underground Utility Works</b>															
<b>DN450 DI Watermain "A" (Ch 1989-2529)</b>															
DI0140	DN450 DI watermain laying (200-250m)	86.67%	4	30	20-Nov-17 A	23-Dec-17	199								
DI0150	DN450 DI watermain laying (250-300m)	0%	30	30	27-Dec-17	31-Jan-18	199								
DI0160	DN450 DI watermain laying (300-350m)	0%	30	30	01-Feb-18	10-Mar-18	199								
DI0170	DN450 DI watermain laying (350-400m)	0%	30	30	12-Mar-18	19-Apr-18	199								
<b>Noise Barrier Along Fanling Highway N/B</b>															
<b>NB75 (Ch.7930-8090)-FH N/B Side</b>															
<b>Noise Barrier Works</b>															
NB4090	NB75 - NB post & panel installation (Ch7930-7990)	0%	5	5	20-Dec-17	27-Dec-17	258								
NB4150	NB75 - NB post & panel installation (Ch7990-8000)	0%	5	5	28-Dec-17	03-Jan-18	258								
NB4210	NB75 - NB post & panel installation (Ch8000-8050)	0%	5	5	20-Dec-17	27-Dec-17	263								
NB4260	NB75 - NB production (Ch8050-8090)	66.67%	15	45	20-Nov-17 A	03-Jan-18	312								
NB4270	NB75 - NB post & panel installation (Ch8050-8090)	0%	5	5	04-Jan-18	09-Jan-18	253								
NB4280	NB75 complete	0%	0	0		13-Jan-18	249								

13-Jan-18 ◆ NB75 complete

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2017				2018				
								Dec		Jan		Feb		Mar		
NB4580	NB75 backfilling complete	0%	0	0		13-Jan-18	51					13-Jan-18				
NB4610	NB75 Drainage Works	84.17%	19	120	20-Jul-17 A	13-Jan-18	-19									
<b>NB77 (Ch.8090-8450)-FH N/B Side</b>																
<b>Noise Barrier Works</b>																
NB4310	NB77 - Footing & Wall Structure (Ch8090-8190)	50%	40	80	20-Jul-17 A	07-Feb-18	10									
NB4320	NB77 - backfilling (Ch8090-8190)	0%	20	20	19-Mar-18	14-Apr-18	40									
NB4330	NB77 - NB production (Ch8090-8190)	0%	45	45	08-Feb-18	24-Mar-18	220									
NB4370	NB77 - Footing & Wall Structure (Ch8190-8290)	62.5%	30	80	20-Sep-17 A	26-Jan-18	84									
NB4390	NB77 - NB production (Ch8190-8290)	0%	45	45	27-Jan-18	12-Mar-18	232									
NB4430	NB77 - Footing & Wall Structure (Ch8290-8390)	17.5%	66	80	03-Nov-17 A	13-Mar-18	64									
NB4450	NB77 - NB production (Ch8290-8390)	0%	45	45	14-Mar-18	27-Apr-18	186									
NB4482	NB77 - Footing & Wall Structure (NB77/27 - 28, N1-N2)	0%	50	50	20-Dec-17	22-Feb-18	38									
NB4490	NB77 - Footing & Wall Structure (NB77/31 - 32, 0.19m & G35)	0%	50	50	23-Feb-18	26-Apr-18	38									
NB4620	NB77 Drainage Works	0%	100	100	08-Feb-18	14-Jun-18	10									
<b>Bridge Construction</b>																
<b>New Wo Hop Shek Pedstrian &amp; Cycle Bridge</b>																
<b>General</b>																
WHS1105	W77A & W77B & backfilling work complete	0%	0	0		20-Dec-17	433					20-Dec-17				
<b>TWSR-West/ FL Highway N/B Side Section</b>																
WHS1380	WHSAB2, P8, P9 - pile cap & abutment wall	45.45%	30	55	20-Jun-17 A	26-Jan-18	161									
WHS1390	WHSAB2, P8, P9 - Backfilling (~3m)	0%	20	20	27-Jan-18	22-Feb-18	161									
WHS1400	2nd half Steel Ramp ready for erection (WHS-TWSR-W side)	0%	0	0		22-Feb-18	161									22-Feb-18
WHS2100	Shop Drawing preparation, submission & approval	56.67%	39	90	20-Oct-17 A	06-Feb-18	100									
WHS2110	Material procurement & testing	35%	39	60	21-Nov-17 A	06-Feb-18	100									
WHS2120	Ramp fabrication	0%	72	72	07-Feb-18	10-May-18	100									
<b>Crossing Fanling Highway Section</b>																
WHS1510	TTA for new WHS bridge submission & approval	0%	60	60	20-Dec-17	06-Mar-18	337									
WHS1520	Remove railing	0%	12	12	07-Mar-18	20-Mar-18	337									
<b>VO - Wall 76A Construction</b>																
<b>Retaining Wall W76A</b>																
<b>TWSR-East FL Highway S/B Side Section</b>																
W76A1050	Drainage work for Caltex access road	86.67%	20	150	20-Jul-17 A	15-Jan-18	263									
W76A1060	Road work for Caltex access road	0%	150	150	16-Jan-18	21-Jul-18	263									
<b>Fanling Highway Construction</b>																
<b>Drainage &amp; Road Works</b>																
<b>TWSR-East FL Highway S/B Side Section</b>																
RDZ41086	Construct FH S/B Lane 1 & 2 (Ch7925-8000)(SA346) (after HKY)	0%	40	40	17-Mar-18	08-May-18	-19									
RDZ41102	Construct FH N/B Lane 1 (at NBZ2)	0%	20	20	15-Jan-18	06-Feb-18	51									
RDZ41104	Construct FH N/B Lane 2 (at NBZ2)	0%	20	20	07-Feb-18	05-Mar-18	51									
RDZ41106	Construct FH N/B Lane 3 (at NBZ2)	0%	20	20	06-Mar-18	28-Mar-18	51									
RDZ41122	Construct FH S/B Lane 3 (at NBZ2)	0%	20	20	22-Feb-18	16-Mar-18	-19									
RDZ41124	Construct FHS/B Lane 4 (at NBZ2)	0%	30	30	15-Jan-18	21-Feb-18	-19									
RDZ41131	Drainage work at central divider (Ch8100-8600)	40%	90	150	10-Oct-17 A	14-Apr-18	50									
<b>Other Works</b>																
<b>Retaining Wall W78</b>																
<b>TWSR-East FL Highway S/B Side Section</b>																
RWZ4.0900	Site Clearance	66.67%	4	12	11-Dec-17 A	23-Dec-17	0									
RWZ4.0910	Demolition of existing retaining wall (Instructed in 2-Jun-17 ad-hoc site)	0%	35	35	27-Dec-17	06-Feb-18	0									
RWZ4.1010	Base slab & Wall (6-11m high)- RW78 (Ch.0-50)	0%	110	110	07-Feb-18	26-Jun-18	0									
<b>Slope Works</b>																
<b>TWSR-East FL Highway S/B Side Section</b>																
S1030	Slope S53-Fill -5m	0%	110	110	20-Dec-17	09-May-18	158									
S1040	Slope S54A-Cut -4m	0%	40	40	20-Dec-17	07-Feb-18	357									
S1050	Slope S54B-Cut -5m	0%	40	40	20-Dec-17	07-Feb-18	357									
<b>TCSS Works</b>																
<b>TCSS Pre-Construction Works</b>																
TCSS0120	Prepare Shop Drawing-TCSS	0%	30	30	20-Dec-17	26-Jan-18	4									
TCSS0130	Shop Drawing Comment & Approval	0%	21	21	27-Jan-18	16-Feb-18	123									
TCSS0140	Revised & Re-submission TCSS shop Drawing	0%	18	18	20-Feb-18	12-Mar-18	96									
TCSS0150	Confirm Shop drawing & ready for material ordering & factory	0%	0	0		12-Mar-18	96									12-Mar-18
TCSS0160	Raw material procurement	0%	180	180	09-Jan-18	07-Jul-18	4									
<b>G34</b>																
TCSS1520	Slow lane footing - G34 (NB75)	0%	0	0		20-Dec-17	191					20-Dec-17				
TCSS1530	Fast lane footing - G34 (CH7990, N/B)	0%	30	30	22-Feb-18	28-Mar-18	112									
<b>G35</b>																
TCSS1560	Fast lane footing - G35 (CH8410, N/B)	0%	5	5	20-Dec-17	27-Dec-17	306									
<b>DS50</b>																
TCSS1600	Slip road island footing - DS50 (CH7940, S/B)	0%	30	30	20-Dec-17	26-Jan-18	221									
TCSS1610	Fast lane footing - DS50 (CH7940, S/B)	0%	5	5	20-Dec-17	27-Dec-17	246									
<b>FVMS2 (Deleted by RFI-138, Pending for VO)</b>																
TCSS1640	Slow lane footing - FVMS2 (CH8400, S/B)- Deleted by RFI-138	0%	30	30	20-Dec-17	26-Jan-18	281									
TCSS1650	Fast lane footing - FVMS2 (CH8400, S/B)	0%	30	30	20-Dec-17	26-Jan-18	281									

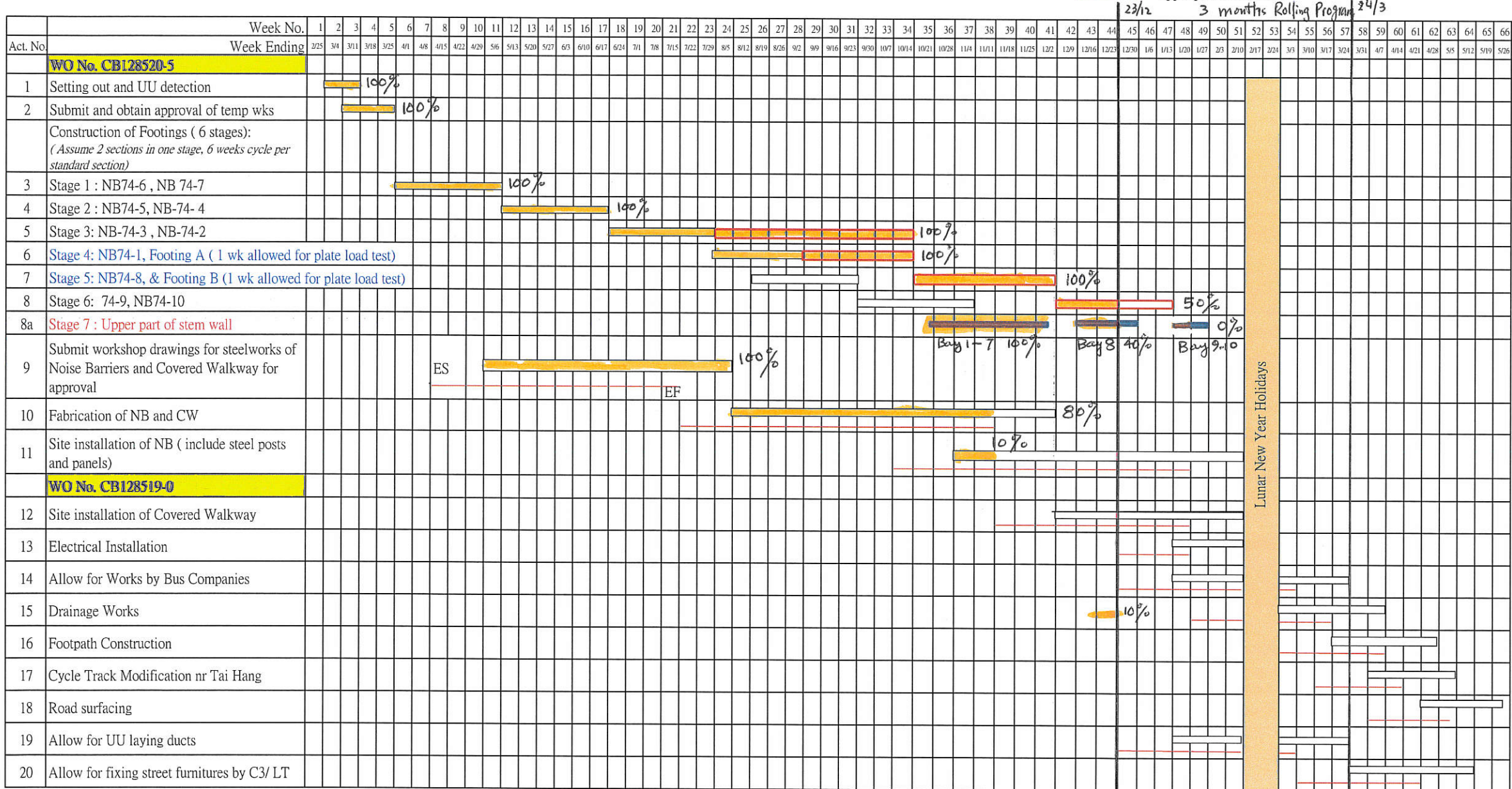
CHIU HING CONSTRUCTION AND TRANSPORTATION CO. LTD.

Contract No. 02/HY/2015

Works Order Nos: CB128519-0 & CB128520-5

Programme of Construction of Noise Barrier and Pedestrian Covered Walkway at Tai Wo Service Road East near Ho Ka Yuen

	Revised Program Duration	Rev	Date	Description
	Programmed Duration	00	28/02/17	initial issue
	Actual Progress	01	29/03/17	refer RE's comments
	Critical Path Activities	02	22/5/17	add plate load test program
	Early Start & Early Finish	03	28/9/2017	revise program of task 5-8
	Float = 3 weeks			
	upper part of stem wall			



Cycle time for standard section :

Item	Activity	Approx Qty	Days for Construction (Calendar Days)
1	Sheet-piling with struts	24 x 7 = 168M2	10 days
2	Excavation	12 x 6 x 6 = 432 M <sup>3</sup>	7 days
3	Rock Fill (assumed)	12 x 2 = 24 M <sup>3</sup>	2 days
4	Blinding Layer		1 day
5	Fwk-Rebar- Concreting	110 M <sup>3</sup>	10 days **
6	Posts for Covered Walkway		7 days ##
7	Backfilling	290M <sup>3</sup>	5 days
			Total = 42 days

\*\* Breakdown of Item 5

	Base Slab calendar days	Stem calendar days
Fwk	1	2
Re-bar	1	3
Concreting	1	1
Remove Fwk		1
Total :	10 days	

## Breakdown of Item 6

	Posts calendar days
Fwk	2
Re-bar	3
Concreting	1
Remove Fwk	1
Total :	7 days

\$\$ Breakdown of Item 8a ( for 2 sections of stem wall)

	Posts calendar days
Fwk	4
Re-bar	2
Concreting	1
Fix HD bolts	2
Remove Fwk	1
Total :	10 days

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**CONSTRUCTION PROGRAMME OF  
JANUARY 2018**

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Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2018			
								2017	Jan	Feb	Mar
<b>Contract Condition</b>											
<b>General</b>											
<b>Contract Condition</b>											
<b>Contract Condition</b>											
KD14	KD-14 1523d) - S4: Achievement: Rd widening of Fanling Highway @	0%	0	0		20-Jan-18*	143		20-Jan-18*	◆ KD-14 1523d) - S4: Achievement: Rd widening of Fanling Highway @ SBZ1 (exp	
KD18	KD-18(1380d) -N4: Achieve: Eastern Rd widening works at Fanling	0%	0	0		14-Apr-18*	0			◆ KD	
POSSA323A	Site Area SA323A (360d) (not required)	0%	0	0	20-Jan-18		901			◆ Site Area SA323A (360d) (not required)	
POSSA327	Site Area SA327 (180d)	0%	0	0	20-Jan-18*		-1115			◆ Site Area SA327 (180d)	
POSSA327A	Site Area SA327A (730d)	0%	0	0	20-Jan-18*		-917			◆ Site Area SA327A (730d)	
POSSA345	Site Area SA345 (0d)	0%	0	0	20-Jan-18*		-782			◆ Site Area SA345 (0d)	
<b>ZONE 1 (Ch. 5640 to 5880)</b>											
<b>Noise Barrier Along Fanling Highway N/B</b>											
<b>NB43B (Ch.5640-5880)-FH N/B Side</b>											
<b>Noise Barrier Works</b>											
NB01220	NB43B-1 - Footing & Wall Structure	15%	34	40	08-Jan-18 A	03-Mar-18	37				
NB01225	NB43B-1 (0-100m) - Drainage Works	0%	24	24	05-Mar-18	04-Apr-18	37				
NB01230	NB43B-1 - backfilling	0%	12	12	06-Apr-18	19-Apr-18	127				
NB01240	NB43B-1 - NB production	0%	45	45	03-Mar-18	17-Apr-18	398				
NB01270	NB43B-2 - Footing & Wall Structure	0%	40	40	13-Jan-18 A	10-Mar-18	53				
NB01275	NB43B-2 (100-200m) - Drainage Works	0%	24	24	06-Apr-18	04-May-18	37				
NB01290	NB43B-2 - NB production	0%	45	45	10-Mar-18	24-Apr-18	391				
NB01320	NB43B-3 - Footing & Wall Structure	65.57%	21	61	25-Nov-17 A	13-Feb-18	72				
NB01340	NB43B-3 - NB production	0%	45	45	14-Feb-18	30-Mar-18	416				
<b>ZONE 2 (Ch. 5880 to 6930)</b>											
<b>General</b>											
<b>DRM Proposal</b>											
<b>DRM Proposal</b>											
ADV220284	Demolish existing TW bridge & TH bridge	0%	10	10	08-Feb-18*	22-Feb-18	1				
ADV220285	Road work for Lane 2,3,4 from TH to TW bridge	0%	19	19	23-Feb-18*	16-Mar-18	1				
ADV220286	Road work for TWSR-W to FLHY transition	0%	7	7	17-Mar-18	24-Mar-18	1				
ADV220288	TTA stage 3 - All N/B NB working space available	0%	0	0	26-Mar-18		1			◆ TTA stage 3 - All N/B	
ADV220290	NB at FLHY N/B construction Period (Zone 2)	15.33%	254	300	20-Nov-17 A	28-Nov-18	-3				
ADV220310	NB at FLHY N/B construction Period (Zone 1)	42.44%	118	205	05-Oct-17 A	16-Jun-18	79				
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>											
<b>NB54A (Ch.6290-6350)-TWSR West Side</b>											
<b>Noise Barrier Works</b>											
NB00790	NB54A - NB post & panel installation	0%	10	5	15-Jan-18 A	31-Jan-18	367				
<b>Noise Barrier Along Fanling Highway N/B</b>											
<b>NB43A (Ch.5880-6060)-FH N/B Side</b>											
<b>Noise Barrier Works</b>											
NB001080	NB43A- ID1-2 piling (0.19m -18no)-1 rigs	0%	18	18	20-Jan-18	09-Feb-18	69				
NB001090	NB43A - ID1-2 Sheet piling & Excavation	0%	10	10	12-Mar-18	22-Mar-18	53				
NB001100	NB43A - ID1-2 Footing & Wall Structure	0%	40	40	23-Mar-18	14-May-18	53				
NB01520	NB43A-1 - Footing & Wall Structure	55.56%	36	81	25-Nov-17 A	06-Mar-18	2				
NB01540	NB43A-1 - NB production	0%	45	45	07-Mar-18	20-Apr-18	370				
NB01560	NB43A-2 (86.8-166.7m) - Sheet piling & Excavation	0%	18	18	07-Mar-18	27-Mar-18	2				
NB01570	NB43A-2 - Footing & Wall Structure	0%	60	60	28-Mar-18	12-Jun-18	2				
<b>NB50 (Ch.6060-6130)-FH N/B Side</b>											
<b>Noise Barrier Works</b>											
NB001150	NB50 -piling (0.19m -28no)	0%	28	28	26-Mar-18	02-May-18	7				
<b>NB50A (Ch.6130-6450)-FH N/B Side</b>											
<b>Noise Barrier Works</b>											
NB01606	NB50A (0-108m)(NB50A/1-11, 0.19m -60nos) Piling (s3)	0%	60	60	26-Mar-18	09-Jun-18	55				
NB01654	NB50A (132-228m)(NB50A/12-20) & FVMS1 Pre-drilling	0%	20	20	20-Jan-18	12-Feb-18	67				
NB01656	NB50A (132-228m)(NB50A/12-S2, 0.19m -44nos) & FVMS1 (8 nos)	0%	52	52	26-Mar-18	31-May-18	35				
NB01706	NB50A (228-309m)(NB50A/S4-S5, 0.19m -18nos) & ADS1 (8nos)Piling	0%	26	26	26-Mar-18	28-Apr-18	1				
<b>NB60 (Ch.6450-6920)-FH N/B Side</b>											
<b>Noise Barrier Works</b>											
NB01840	NB60-2 (63-174m)(NB60/5-15, 0.19m -64nos) Piling	7.81%	59	64	15-Jan-18 A	06-Apr-18	30				
NB01910	NB60 ID3-2 (174-192m) 0.19m -18nos Piling	0%	18	18	20-Jan-18	09-Feb-18	3				
NB01920	NB60-ID3-2 ((174-192m) - Sheet piling & Excavation	0%	18	18	10-Feb-18	06-Mar-18	3				
NB01930	NB60-ID3-2 - Footing & Wall Structure	0%	50	50	07-Mar-18	09-May-18	3				
NB01980	NB60 (192-300m)(NB60/16-25, 0.19m -40nos) Piling	0%	40	40	10-Feb-18	04-Apr-18	38				
<b>Bridge Construction</b>											
<b>New Tai Hang Footbridge</b>											
<b>General</b>											
THBF0665	Diversion of existing pedestrian from existing to proposed footbridge	0%	1	1	03-Feb-18	03-Feb-18	1				
<b>TWSR-West/ FL Highway N/B Side Section</b>											

	Project ID: WP Rev 05 (1801)	<p align="center"><b>Contract No. HY/2012/06</b></p> <p align="center"><b>Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange</b></p> <p align="center"><b>3 Month Rolling Program(20-Jan-18)</b></p>		Date	Revision	C. A
	Layout: 3 Month Rolling Program			30-Jun-14	WP Rev 1A	
Page 1 of 5				28-Aug-15	WP Rev 2	
				07-Apr-16	WP Rev 3	
				08-Nov-16	WP Rev 4	
				17-Aug-17	WP Rev 5	



Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2018					
								2017	Jan	Feb	Mar	Apr	
THBF0620	Finishes Work	79.15%	64	307	27-Feb-17 A	12-Apr-18	313						
THBF0625	Bridge Structure complete (THFB-TWSR-W side)	0%	0	0		12-Apr-18	313						12-Apr-18 ◆ Bridge
<b>Crossing Fanling Highway Section</b>													
THBF0590	Finishes Work	0%	60	60	20-Jan-18	07-Apr-18	317						
THBF0600	Bridge Structure complete (THFB-Cross fanling highway)	0%	0	0		07-Apr-18	317						07-Apr-18 ◆ Bridge St
<b>TWSR-East FL Highway S/B Side Section</b>													
THBF0470	THAB1 - pile cap & abutment wall	88.97%	45	408	21-Nov-16 A	15-May-18	206						
THBF0785	Reconstruction of existing span between P4 and existing pier	0%	6	6	27-Jan-18*	02-Feb-18	0						
THBF0800	ABWF work	0%	30	30	03-Feb-18	13-Mar-18	335						
<b>Lift at TWSR-W Side</b>													
L1530	Structural Laminated glass wall installation	0%	30	30	20-Jan-18	27-Feb-18	244						
L1550	Metal cover on RC platform	0%	30	30	20-Jan-18	27-Feb-18	227						
L1555	Glass canopy on ground level	0%	30	30	28-Feb-18	07-Apr-18	317						
L1560	Lift installation (NF115)	0%	70	70	28-Feb-18	26-May-18	244						
L1590	E&M and Finishes work	0%	120	120	28-Feb-18	26-Jul-18	227						
L1600	CLP Power available (by CLP)	94.47%	32	579	21-Jun-16 A	20-Feb-18	392						
<b>Lift at FLHY S/B</b>													
L1370	Lift shaft & roof	88.89%	46	414	20-Sep-16 A	17-Mar-18	127						
L1380	Structural Laminated glass wall installation	0%	30	30	19-Mar-18	26-Apr-18	157						
L1390	RC Platform connect to bridge (THSC-2 & TH-P2)	0%	30	30	19-Mar-18	26-Apr-18	127						
L1450	CLP Power available (by CLP)	89.48%	61	580	21-Jun-16 A	21-Mar-18	313						
<b>Demolition of Existing Tai Hang Footbridge</b>													
<b>TWSR-West/ FL Highway N/B Side Section</b>													
Z2.THF.1120	Demolish existing Tai Hang footbridge (TWSR-W side)	0%	10	10	05-Feb-18	15-Feb-18	328						
<b>Crossing Fanling Highway Section</b>													
Z2.THF.1100	Demolish existing Tai Hang Footbridge	0%	2	2	03-Feb-18	05-Feb-18	1						
Z2.THF.1110	Removal of temporary platform	0%	5	5	06-Feb-18	10-Feb-18	8						
Z2.THF.1130	Demolish remaining column	0%	6	6	06-Feb-18	12-Feb-18	1						
<b>New Tai Wo Footbridge</b>													
<b>General</b>													
TWFB1090	Steel Bridge prefabrication (TWFB)	91.49%	37	435	15-Aug-16 A	07-Mar-18	205						
TWFB1100	Steel Bridge available on site (TWFB)	0%	0	0	08-Mar-18		205						◆ Steel Bridge available on site (TWFB)
<b>TWSR-West/ FL Highway N/B Side Section</b>													
TWFB1390	Finishes Work	75.11%	59	237	20-May-17 A	06-Apr-18	304						
TWFB1400	Bridge Structure complete (TWFB-TWSR-W side)	0%	0	0		06-Apr-18	304						06-Apr-18 ◆ Bridge Str
<b>Crossing Fanling Highway Section</b>													
TWFB1440	TWP2 - Pile cap	0%	30	30	26-Mar-18	04-May-18	101						
<b>TWSR-East FL Highway S/B Side Section</b>													
TWFB1480	Precautionary work for MTRC I&P area	0%	45	45	20-Jan-18	16-Mar-18	104						
TWFB1550	TWP3 - Pre-bored H pile (6 nos)	0%	18	18	17-Mar-18	11-Apr-18	104						
TWFB1570	TWP3 - Pile cap, Pier and Pier Head	0%	75	75	12-Apr-18	12-Jul-18	104						
<b>Lift at TWSR-W Side</b>													
L1670	Lift shaft & roof	95.4%	22	478	21-Jun-16 A	14-Feb-18	161						
L1680	Structural Laminated glass wall installation	0%	30	30	15-Feb-18	24-Mar-18	204						
L1690	RC Link slab connect to bridge	0%	30	30	15-Feb-18	24-Mar-18	161						
L1700	Metal cover on RC platform	0%	30	30	26-Mar-18	04-May-18	161						
L1730	Lift submission & ordering period	94.36%	26	461	02-Jul-16 A	22-Feb-18	230						
L1780	CLP Power available (by CLP)	92.06%	42	529	20-Aug-16 A	02-Mar-18	361						
<b>Temporary Tai Wo Footbridge</b>													
<b>Construction Works</b>													
TWFB-T1208	Erect Temp Column & link bridge to existing bridge at FLHY S/B	0%	8	7	15-Jan-18 A	29-Jan-18	7						
TWFB-T1210	Erect Temp Bridge across FLHY	0%	11	11	24-Jan-18	05-Feb-18	7						
TWFB-T1220	Temp TW bridge complete & pedestrian diversion	0%	0	0		05-Feb-18	7						05-Feb-18 ◆ Temp TW bridge complete & pedestrian diversion
<b>Demolition of Existing Tai Wo Footbridge</b>													
<b>Crossing Fanling Highway Section</b>													
TWFB-DE1060	Erect Temp platform for bridge demolition	0%	10	10	01-Feb-18	12-Feb-18	1						
TWFB-DE1070	Demolish existing Tai Wo Footbridge	0%	4	4	13-Feb-18	20-Feb-18	1						
TWFB-DE1090	Demolish remaining columns	0%	2	2	21-Feb-18	22-Feb-18	1						
TWFB-DE1110	Demolish existing Tai Wo Footbridge complete (across FH)	0%	0	0		22-Feb-18	1						22-Feb-18 ◆ Demolish existing Tai Wo Footbridge complete (ac
<b>Noise Barrier Along Fanling Highway S/B</b>													
<b>NB51 (Ch.5935-6055)-FH S/B Side</b>													
<b>Noise Barrier Works</b>													
NB02300	NB51 ID1-3 (0-25m) - NB production	93.86%	14	228	20-May-17 A	02-Feb-18	447						
NB02310	NB51 ID1-3 (0-25m) - NB post & panel installation	0%	5	5	03-Feb-18	08-Feb-18	360						
<b>NB53 (Ch.6125-6300) -FH S/B Side (MTRC I&amp;P Area)</b>													
<b>Noise Barrier Works</b>													
NB02430	Precautionary Measure installation	0%	26	26	20-Jan-18	22-Feb-18	178						
NB02440	NB53 (0-100m) - Sheet piling & Excavation	0%	26	26	23-Feb-18	24-Mar-18	215						
NB02450	NB53 (0-100m) - Footing & Wall Structure	0%	60	60	26-Mar-18	09-Jun-18	215						
NB02490	NB53 ID2-3 (100-125m), 18nos Predrilling	0%	10	10	23-Feb-18	06-Mar-18	178						
NB02500	NB53 ID2-3 (100-125m) 18nos Piling- 1 rigs	0%	27	27	07-Mar-18	11-Apr-18	178						
NB02510	NB53 ID2-3 (100-125m) - Sheet piling & Excavation	0%	21	21	12-Apr-18	07-May-18	178						

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2018					
								2017	Jan	Feb	Mar	Apr	
NB02590	NB53 (125-180m) - NB production	97.64%	14	593	20-May-16 A	02-Feb-18	447						
NB02600	NB53 (125-180m) - NB post & panel installation	0%	5	5	03-Feb-18	08-Feb-18	360						
<b>NB55 (Ch.6300-6360)-FH S/B Side (MTRC I&amp;P Area)</b>													
<b>Noise Barrier Works</b>													
NB02660	NB55 - NB production	94.63%	40	745	15-Jan-16 A	28-Feb-18	421						
NB02670	NB55 - NB post & panel installation	0%	5	5	01-Mar-18	06-Mar-18	341						
<b>NB56 (Ch.6360-6400)-FH S/B Side (MTRC I&amp;P Area)</b>													
<b>Noise Barrier Works</b>													
NB02730	NB56 - NB production	97.95%	14	683	20-Feb-16 A	02-Feb-18	447						
NB02740	NB56 - NB post & panel installation	0%	5	5	03-Feb-18	08-Feb-18	360						
<b>NB61 (Ch.6400-6560)-FH S/B Side (MTRC I&amp;P Area)</b>													
<b>Noise Barrier Works</b>													
NB02790	NB61 (0-50m)- backfilling	0%	50	50	20-Jan-18	22-Mar-18	327						
NB02800	NB61 (0-50m) - NB production	0%	45	45	20-Jan-18	05-Mar-18	416						
NB02810	NB61 (0-50m) - NB post & panel installation	0%	5	5	06-Mar-18	10-Mar-18	337						
NB02850	NB61 (50-160m) - NB production	0%	45	45	20-Jan-18	05-Mar-18	416						
NB02860	NB61 (50-160m) - NB post & panel installation	0%	5	5	06-Mar-18	10-Mar-18	337						
<b>NB61A (Ch.6560-6745)-FH S/B Side (MTRC I&amp;P Area)</b>													
<b>Noise Barrier Works</b>													
NB02920	NB61A (0-50m) - NB production	93.7%	45	714	20-Feb-16 A	05-Mar-18	416						
NB02930	NB61A (0-50m) - NB post & panel installation	0%	5	5	06-Mar-18	10-Mar-18	337						
NB02970	NB61A ID2-3 (50-75m) - Footing & Wall Structure	93.34%	57	856	01-Apr-15 A	03-Apr-18	280						
NB02980	NB61A ID2-3 (50-75m)- backfilling	0%	20	20	04-Apr-18	27-Apr-18	295						
NB02990	NB61A ID2-3 (50-75m) - NB production	0%	45	45	04-Apr-18	18-May-18	342						
NB03040	NB61A (75-190m) - NB production	97.81%	15	684	20-Feb-16 A	03-Feb-18	446						
NB03050	NB61A (75-190m) - NB post & panel installation	0%	5	5	05-Feb-18	09-Feb-18	359						
<b>Fanling Highway Construction</b>													
<b>Drainage &amp; Road Works</b>													
<b>Ch 5880-6740</b>													
RDZ41210	Z2 (CH5880-6740) : Fanling Highway N/B - D&R works (lane 2)	0%	30	30	20-Jan-18	27-Feb-18	16						
RDZ41240	Z2 (CH5880-6740) : Fanling Highway S/B - D&R works (lane 4)	61.04%	30	77	25-Oct-17 A	27-Feb-18	137						
RDZ41250	Z2 (CH5880-6740) : Fanling Highway S/B - D&R works (lane 3)	0%	60	60	28-Feb-18	14-May-18	137						
<b>Other Works</b>													
<b>Site Clearance &amp; Demolition of Existing Structure</b>													
<b>Contract Condition</b>													
MCLT1090	New MCLT - finishes works	90.73%	48	518	20-May-16 A	20-Mar-18	329						
MCLT1100	New MCLT completion	0%	0	0		20-Mar-18	329						20-Mar-18* ◆ New MCLT completion
<b>TCSS Works</b>													
<b>FVMS1 (Deleted by DWG HY/2012/06/SK/0866)</b>													
TCSS1430	Predrilling (6no, 0.19m mini pile)	0%	12	12	20-Jan-18	02-Feb-18	287						
TCSS1432	Piling (6nos, 0.19m mini pile)	0%	0	0	10-Feb-18	10-Feb-18	281						
TCSS1434	Sheeting & excavation (4m)	0%	12	12	10-Feb-18	27-Feb-18	281						
TCSS1436	Fast lane footing - FVMS1 (CH6280, N/B)	0%	18	18	28-Feb-18	20-Mar-18	281						
TCSS1438	Back filling & reinstatement road work (2m)	0%	18	18	21-Mar-18	14-Apr-18	281						
<b>ADS1</b>													
TCSS1940	Piling (6nos, 0.19m mini pile)	0%	18	18	20-Jan-18	09-Feb-18	251						
TCSS1950	Sheeting & excavation (4m)	0%	12	12	10-Feb-18	27-Feb-18	251						
TCSS1960	Fast lane footing - ADS1 (CH6400, N/B)	0%	18	18	28-Feb-18	20-Mar-18	251						
TCSS1970	Back filling & reinstatement road work (2m)	0%	18	18	21-Mar-18	14-Apr-18	251						
<b>South Buffer Zone 1 (SBZ1) (within Zone 2)(Ch.6740 to 6930)</b>													
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>													
<b>NB64 &amp; NB64A (Ch.6860-6920)-TWSR West Side</b>													
<b>Noise Barrier Works</b>													
NB003350	Bus Shelter footing & shelter near NB64 - VO86	0%	40	40	20-Jan-18	10-Mar-18	337						
<b>Noise Barrier Along Fanling Highway N/B</b>													
<b>NB60 (Ch.6450-6920)-FH N/B Side</b>													
<b>Noise Barrier Works</b>													
NB02040	NB60 (300-408m)(NB60/26-S4, 0.19m -26nos) Piling	0%	26	26	20-Jan-18	22-Feb-18	8						
NB02050	NB60-4 (300-408m) - Sheet piling & Excavation	0%	12	12	10-Mar-18	23-Mar-18	-5						
NB02060	NB60-4 - Footing & Wall Structure	0%	50	50	24-Mar-18	28-May-18	-5						
NB02090	NB60 (408-468m)(NB60/35-39) & FADS1 Pre-drilling	0%	10	10	20-Jan-18	31-Jan-18	121						
NB02100	NB60 (408-468m)(NB60/35-39, 0.19m -32nos) Piling	0%	32	32	23-Feb-18	04-Apr-18	105						
NB02101	NB60 (408-468m) FADS1 (8nos) Piling	0%	8	8	06-Apr-18	14-Apr-18	105						
NB02105	NB60 (408-468m) Staircase S1 - Pre-bored H Pile (16 nos)	0%	58	58	20-Jan-18	04-Apr-18	113						
<b>NB66 (Ch.6920-6930)-FH N/B Side</b>													
<b>Noise Barrier Works</b>													
NB02150	NB66 - Sheet piling & Excavation	0%	18	18	20-Jan-18	09-Feb-18	-5						
NB02160	NB66 - Footing & Wall Structure	0%	21	21	10-Feb-18	09-Mar-18	-5						
NB02165	NB66 - Drainage Works	0%	18	18	10-Mar-18	03-Apr-18	134						
NB02170	NB66- backfilling	0%	15	15	19-Apr-18	07-May-18	167						
NB02180	NB66 - NB production	0%	45	45	10-Mar-18	23-Apr-18	367						
NB03320	Bus Shelter footing - VO86	0%	30	30	10-Mar-18	18-Apr-18	167						
<b>Bridge Construction</b>													
<b>Kau Lung Hang Vehicular Bridge</b>													

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2018					
								2017	Jan	Feb	Mar	Apr	
<b>KLH Bridge - West Ramp</b>													
KLH.1290	West Ramp - Planting	0%	21	21	20-Jan-18	13-Feb-18	356						
<b>KLH Bridge - Deck 1</b>													
KLH.3430	Deck 1 - Planting	0%	21	21	20-Jan-18	13-Feb-18	356						
<b>KLH Bridge - Deck 3</b>													
KLH.3500	Deck 3 - Planting	0%	21	21	20-Jan-18	13-Feb-18	388						
<b>KLH Bridge - East Ramp</b>													
KLH.3590	East Ramp - Planting	0%	34	34	20-Jan-18	03-Mar-18	696						
<b>KLH Bridge - Ramp R1</b>													
Z2.KLH.3610	Ramp R1 - Steel roof	96.07%	11	280	19-Jan-17 A	01-Feb-18	366						
<b>KLH Bridge - Ramp R2</b>													
Z2.KLH.1550	Ramp R2 - Steel roof	93.5%	16	246	14-Mar-17 A	07-Feb-18	361						
<b>KLH Bridge - Staircase S1</b>													
Z2.KLH.1460	S1 - Staircase steel work, handrail Shop drawing submission &	0%	90	90	05-Apr-18	03-Jul-18	-6						
<b>Bridge Road Work</b>													
Z2.KLH.2040	Landscape work of KLHVB	0%	120	120	20-Jan-18	20-Jun-18	257						
<b>Lift at TWSR-W Side</b>													
L01070	Structural Laminated glass wall installation	0%	11	11	02-Feb-18*	14-Feb-18	266						
L01090	Glass canopy (As Confirmed by ER, No glass canopy is required)	0%	0	0	20-Jan-18	20-Jan-18	288						
L01094	Lift submission & ordering period	99.03%	4	414	01-Aug-16 A	24-Jan-18	284						
L01100	Lift installation	0%	70	70	15-Feb-18	16-May-18	266						
L01130	Finishes work	0%	88	88	15-Feb-18	07-Jun-18	267						
L01140	CLP Power available (by CLP)	90.13%	62	628	04-Apr-16 A	22-Mar-18	379						
<b>Lift at FLHY S/B</b>													
L01230	Structural Laminated glass wall installation	0%	12	12	01-Feb-18*	14-Feb-18	295						
L01250	Glass canopy (As Confirmed by ER, No glass canopy is required)	0%	0	0	01-Feb-18*	01-Feb-18	307						
L01260	Lift installation	0%	45	45	15-Feb-18	16-Apr-18	296						
L01270	Lift T&C	0%	14	14	17-Apr-18	30-Apr-18	360						
L01290	Finishes work	0%	60	60	15-Feb-18	04-May-18	295						
L01300	CLP Power available (by CLP)	91.24%	63	719	04-Apr-16 A	23-Mar-18	384						
<b>Signalized Junction</b>													
<b>Kau Lung Hang Vehicular Bridge</b>													
<b>KLH Bridge - West Ramp</b>													
Z2.KLH.1032	Installation of Traffic Signal Poles at TWSR-W N/B (KLHVB)	0%	21	21	20-Jan-18*	13-Feb-18	350						
<b>Noise Barrier Along Fanling Highway S/B</b>													
<b>NB62 (Ch.6745-6910)-FH S/B Side (MTRC I&amp;P Area)</b>													
<b>Noise Barrier Works</b>													
NB03110	NB62 (0-80m) - NB production	0%	45	45	20-Jan-18	05-Mar-18	416						
NB03120	NB62 (0-80m) - NB post & panel installation	0%	5	5	06-Mar-18	10-Mar-18	337						
NB03150	NB62 (80-110m) Under bridge - backfilling	0%	14	14	20-Jan-18	05-Feb-18	358						
NB03160	NB62 (80-110m) Under bridge - NB production	0%	45	45	20-Jan-18	05-Mar-18	416						
NB03170	NB62 (80-110m) Under bridge - NB post & panel installation	0%	5	5	06-Mar-18	10-Mar-18	337						
NB03200	NB62 (110-170m) - backfilling	0%	20	20	20-Jan-18	12-Feb-18	352						
NB03210	NB62 (110-170m) - NB production	0%	45	45	20-Jan-18	05-Mar-18	416						
NB03220	NB62 (110-170m) - NB post & panel installation	0%	5	5	06-Mar-18	10-Mar-18	337						
<b>Fanling Highway Construction</b>													
<b>Drainage &amp; Road Works</b>													
<b>Ch 6740-6930</b>													
RDZ20490	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 4)	61.04%	30	77	25-Oct-17 A	27-Feb-18	347						
RDZ20500	Z2 (CH6740-6930) : Fanling Highway S/B - D&R works (lane 3)	0%	24	24	28-Feb-18	27-Mar-18	323						
<b>North Buffer Zone 2 (NBZ2) (within Zone 4) (Ch. 7925 to 8100)</b>													
<b>Bridge Construction</b>													
<b>New Ho Ka Yuen Footbridge</b>													
<b>TWSR-West/ FL Highway N/B Side Section</b>													
HKY1440	Remaining Finishes works of HKYFB	84.76%	57	374	21-Nov-16 A	03-Apr-18	307						
HKY1520	VO11 - slope improvement work	0%	45	45	04-Apr-18	29-May-18	307						
<b>TWSR-East FL Highway S/B Side Section</b>													
HKY1870	Steel Ramp finishes work (HKYFB-TWSR-E side)	73.68%	100	380	13-Oct-16 A	26-May-18	309						
<b>ZONE 4 (Ch. 7925 to 8700)</b>													
<b>Noise Barrier Along TWSR-West and Laying New Utilities</b>													
<b>Underground Utility Works</b>													
<b>DN450 DI Watermain "A" (Ch 1989-2529)</b>													
DI0150	DN450 DI watermain laying (250-300m)	66.67%	10	30	27-Dec-17 A	31-Jan-18	199						
DI0160	DN450 DI watermain laying (300-350m)	0%	30	30	01-Feb-18	10-Mar-18	199						
DI0170	DN450 DI watermain laying (350-400m)	0%	30	30	12-Mar-18	19-Apr-18	199						
<b>Noise Barrier Along Fanling Highway N/B</b>													
<b>NB75 (Ch.7930-8090)-FH N/B Side</b>													
<b>Noise Barrier Works</b>													
NB4090	NB75 - NB post & panel installation (Ch7930-7990)	0%	5	5	20-Dec-17 A	25-Jan-18	239						
NB4150	NB75 - NB post & panel installation (Ch7990-8000)	0%	5	5	28-Dec-17 A	25-Jan-18	239						
NB4210	NB75 - NB post & panel installation (Ch8000-8050)	0%	5	5	20-Dec-17 A	25-Jan-18	239						
NB4260	NB75 - NB production (Ch8050-8090)	66.67%	15	45	20-Nov-17 A	03-Feb-18	281						
NB4270	NB75 - NB post & panel installation (Ch8050-8090)	0%	5	5	05-Feb-18	09-Feb-18	226						
NB4280	NB75 complete	0%	0	0		09-Feb-18	226						

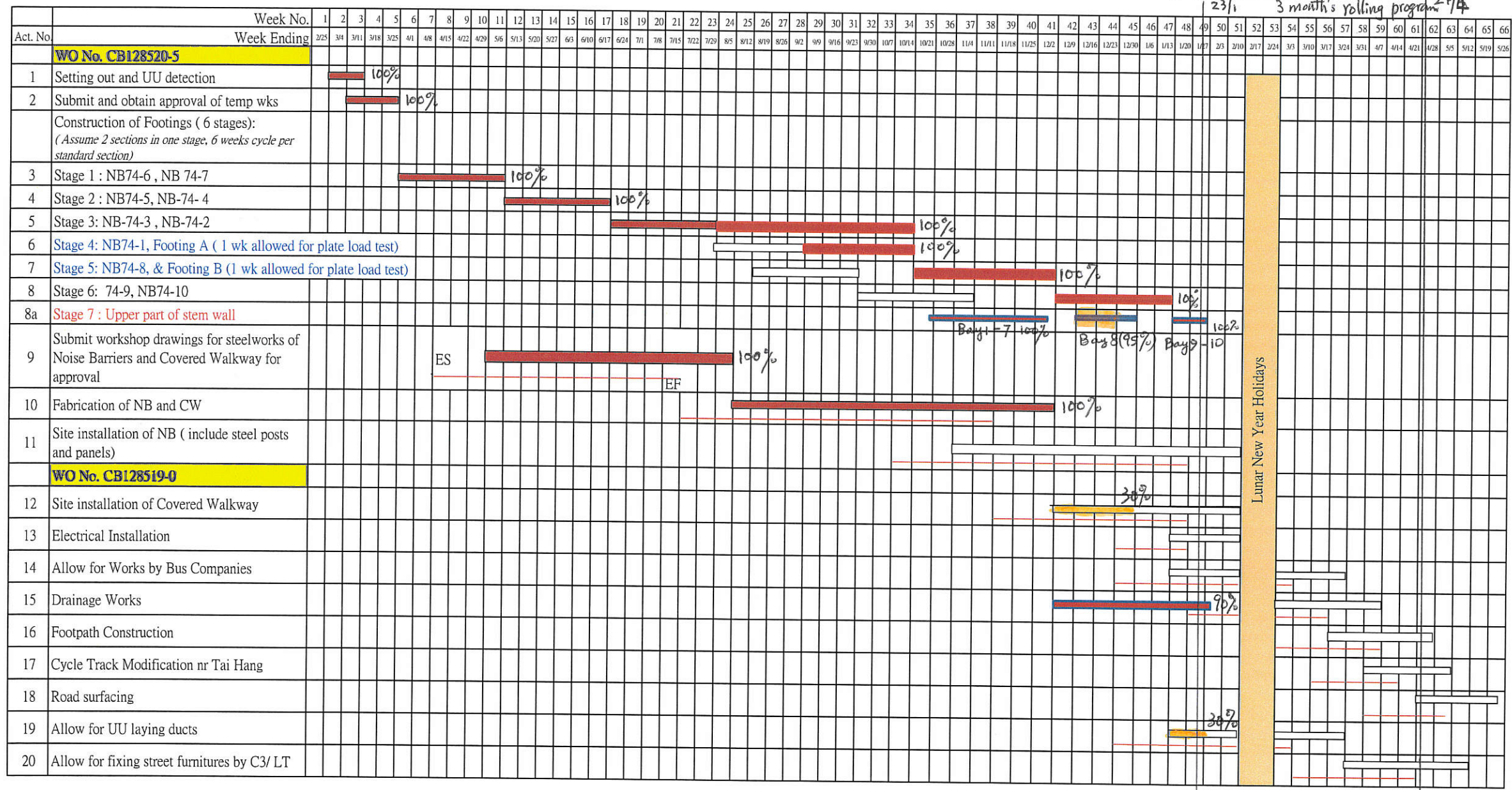
09-Feb-18 ◆ NB75 complete

Activity ID	Activity Name	Dur. % Complete	Rem. Duration	Original Duration	Start	Finish	Total Float	2018						
								2017	Jan	Feb	Mar	Apr		
NB4580	NB75 backfilling complete	0%	0	0		31-Jan-18	99		31-Jan-18	◆ NB75 backfilling complete				
NB4610	NB75 Drainage Works	93.2%	10	147	20-Jul-17 A	31-Jan-18	0							
<b>NB77 (Ch.8090-8450)-FH N/B Side</b>														
<b>Noise Barrier Works</b>														
NB4310	NB77 - Footing & Wall Structure (Ch8090-8190)	76.19%	40	168	20-Jul-17 A	10-Mar-18	49							
NB4330	NB77 - NB production (Ch8090-8190)	0%	45	45	10-Mar-18	24-Apr-18	189							
NB4370	NB77 - Footing & Wall Structure (Ch8190-8290)	71.43%	30	105	20-Sep-17 A	27-Feb-18	123							
NB4390	NB77 - NB production (Ch8190-8290)	0%	45	45	28-Feb-18	13-Apr-18	200							
NB4430	NB77 - Footing & Wall Structure (Ch8290-8390)	37.74%	66	106	03-Nov-17 A	14-Apr-18	103							
NB4450	NB77 - NB production (Ch8290-8390)	0%	45	45	14-Apr-18	29-May-18	154							
NB4482	NB77 - Footing & Wall Structure (NB77/27 - 28, N1-N2)	0%	50	50	20-Jan-18	22-Mar-18	77							
NB4490	NB77 - Footing & Wall Structure (NB77/31 - 32, 0.19m & G35)	0%	50	50	23-Mar-18	26-May-18	77							
NB4620	NB77 Drainage Works	0%	100	100	12-Mar-18	14-Jul-18	49							
<b>Bridge Construction</b>														
<b>New Wo Hop Shek Pedstrian &amp; Cycle Bridge</b>														
<b>TWSR-West/ FL Highway N/B Side Section</b>														
WHS1380	WHSAB2, P8, P9 - pile cap & abutment wall	94.54%	10	183	20-Jun-17 A	31-Jan-18	157							
WHS1390	WHSAB2, P8, P9 - Backfilling (~3m)	0%	20	20	01-Feb-18	27-Feb-18	157							
WHS1400	2nd half Steel Ramp ready for erection (WHS-TWSR-W side)	0%	0	0		27-Feb-18	157							27-Feb-18 ◆ 2nd half Steel Ramp ready for erection (WHS
WHS2100	Shop Drawing preparation, submission & approval	83.33%	15	90	20-Oct-17 A	06-Feb-18	100							
WHS2110	Material procurement & testing	76.56%	15	64	21-Nov-17 A	06-Feb-18	100							
WHS2120	Ramp fabrication	0%	72	72	07-Feb-18	10-May-18	100							
<b>Crossing Fanling Highway Section</b>														
WHS1510	TTA for new WHS bridge submission & approval	0%	60	60	20-Jan-18	07-Apr-18	313							
WHS1520	Remove railing	0%	12	12	09-Apr-18	21-Apr-18	313							
<b>VO - Wall 76A Construction</b>														
<b>Retaining Wall W76A</b>														
<b>TWSR-East FL Highway S/B Side Section</b>														
W76A1060	Road work for Caltex access road	2.67%	146	150	16-Jan-18 A	21-Jul-18	263							
<b>Fanling Highway Construction</b>														
<b>Drainage &amp; Road Works</b>														
<b>TWSR-East FL Highway S/B Side Section</b>														
RDZ41086	Construct FH S/B Lane 1 & 2 (Ch7925-8000)(SA346) (after HKY	0%	28	28	09-Mar-18	14-Apr-18	0							
RDZ41102	Construct FH N/B Lane 1 (at NBZ2)	0%	20	20	01-Feb-18	27-Feb-18	99							
RDZ41104	Construct FH N/B Lane 2 (at NBZ2)	0%	20	20	28-Feb-18	22-Mar-18	99							
RDZ41106	Construct FH N/B Lane 3 (at NBZ2)	0%	20	20	23-Mar-18	19-Apr-18	99							
RDZ41122	Construct FH S/B Lane 3 (at NBZ2)	0%	14	14	21-Feb-18	08-Mar-18	0							
RDZ41124	Construct FHS/B Lane 4 (at NBZ2)	0%	14	14	01-Feb-18	20-Feb-18	0							
RDZ41131	Drainage work at central divider (Ch8100-8600)	56%	66	150	10-Oct-17 A	14-Apr-18	113							
RDZ41135	Construct FHS/B Lane 4 (Ch8100-8600)	0%	45	45	16-Apr-18	08-Jun-18	113							
<b>Other Works</b>														
<b>Retaining Wall W78</b>														
<b>TWSR-East FL Highway S/B Side Section</b>														
RWZ4.1010	Base slab & Wall (6-11m high)-RW78 (Ch.0-50)	19.09%	89	110	02-Jan-18 A	12-May-18	1							
<b>Slope Works</b>														
<b>TWSR-East FL Highway S/B Side Section</b>														
S1030	Slope S53-Fill ~5m	0%	110	110	20-Jan-18	07-Jun-18	134							
S1040	Slope S54A-Cut ~4m	0%	40	40	20-Jan-18	10-Mar-18	333							
S1050	Slope S54B-Cut ~5m	0%	40	40	20-Jan-18	10-Mar-18	333							
<b>TCSS Works</b>														
<b>TCSS Pre-Construction Works</b>														
TCSS0120	Prepare Shop Drawing-TCSS	80%	6	30	20-Dec-17 A	26-Jan-18	96							
TCSS0130	Shop Drawing Comment & Approval	0%	21	21	27-Jan-18	16-Feb-18	123							
TCSS0140	Revised & Re-submission TCSS shop Drawing	0%	18	18	20-Feb-18	12-Mar-18	96							
TCSS0150	Confirm Shop drawing & ready for material ordering & factory	0%	0	0		12-Mar-18	96							12-Mar-18 ◆ Confirm Shop drawing & ready fo
TCSS0160	Raw material procurement	6.11%	169	180	09-Jan-18 A	07-Jul-18	4							
<b>G34</b>														
TCSS1530	Fast lane footing - G34 (CH7990, N/B)	0%	30	30	21-Feb-18	27-Mar-18	113							
<b>G35</b>														
TCSS1560	Fast lane footing - G35 (CH8410, N/B)	0%	5	5	20-Jan-18	25-Jan-18	282							
<b>DS50</b>														
TCSS1600	Slip road island footing - DS50 (CH7940, S/B)	0%	30	30	20-Jan-18	27-Feb-18	197							
TCSS1610	Fast lane footing - DS50 (CH7940, S/B)	0%	5	5	20-Jan-18	25-Jan-18	222							
<b>FADS8</b>														
TCSS1630	Fast lane footing - FADS8 (CH8220, S/B)	0%	30	30	16-Apr-18	21-May-18	161							
<b>FVMS2 (Deleted by RFI-138, Pending for VO)</b>														
TCSS1640	Slow lane footing - FVMS2 (CH8400, S/B)- Deleted by RFI-138	0%	30	30	20-Jan-18	27-Feb-18	257							
TCSS1650	Fast lane footing - FVMS2 (CH8400, S/B)	0%	30	30	20-Jan-18	27-Feb-18	257							

CHIU HING CONSTRUCTION AND TRANSPORTATION CO. LTD.  
 Contract No. 02/HY/2015  
 Works Order Nos: CB128519-0 & CB128520-5  
 Programme of Construction of Noise Barrier and Pedestrian Covered Walkway at Tai Wo Service Road East near Ho Ka Yuen

▬ Revised Program Duration  
▬ Programmed Duration  
▬ Actual Progress  
▬ Critical Path Activities  
▬ Early Start & Early Finish  
▬ Float = 3 weeks  
▬ upper part of stem wall

Rev	Date	Description
00	28/02/17	initial issue
01	29/03/17	refer RE's comments
02	22/5/17	add plate load test program
03	28/9/2017	revise program of task 5-8



Cycle time for standard section :

Item	Activity	Approx Qty	Days for Construction (Calendar Days)
1	Sheet-piling with struts	24 x 7 = 168M2	10 days
2	Excavation	12 x 6 x 6 = 432 M3	7 days
3	Rock Fill ( assumed)	12 x 2 = 24 M3	2 days
4	Blinding Layer		1 day
5	Fwk-Rebar- Concreting	110 M3	10 days **
6	Posts for Covered Walkway		7 days ##
7	Backfilling	290M3	5 days
			Total = 42 days

\*\* Breakdown of Item 5

	Base Slab calendar days	Stem calendar days
Fwk	1	2
Re-bar	1	3
Concreting	1	1
Remove Fwk		1
Total :	10 days	

## Breakdown of Item 6

	Posts calendar days
Fwk	2
Re-bar	3
Concreting	1
Remove Fwk	1
Total :	7 days

\$\$ Breakdown of Item 8a ( for 2 sections of stem wall)

	Posts calendar days
Fwk	4
Re-bar	2
Concreting	1
Fix HD bolts	2
Remove Fwk	1
Total :	10 days