

Appendix A

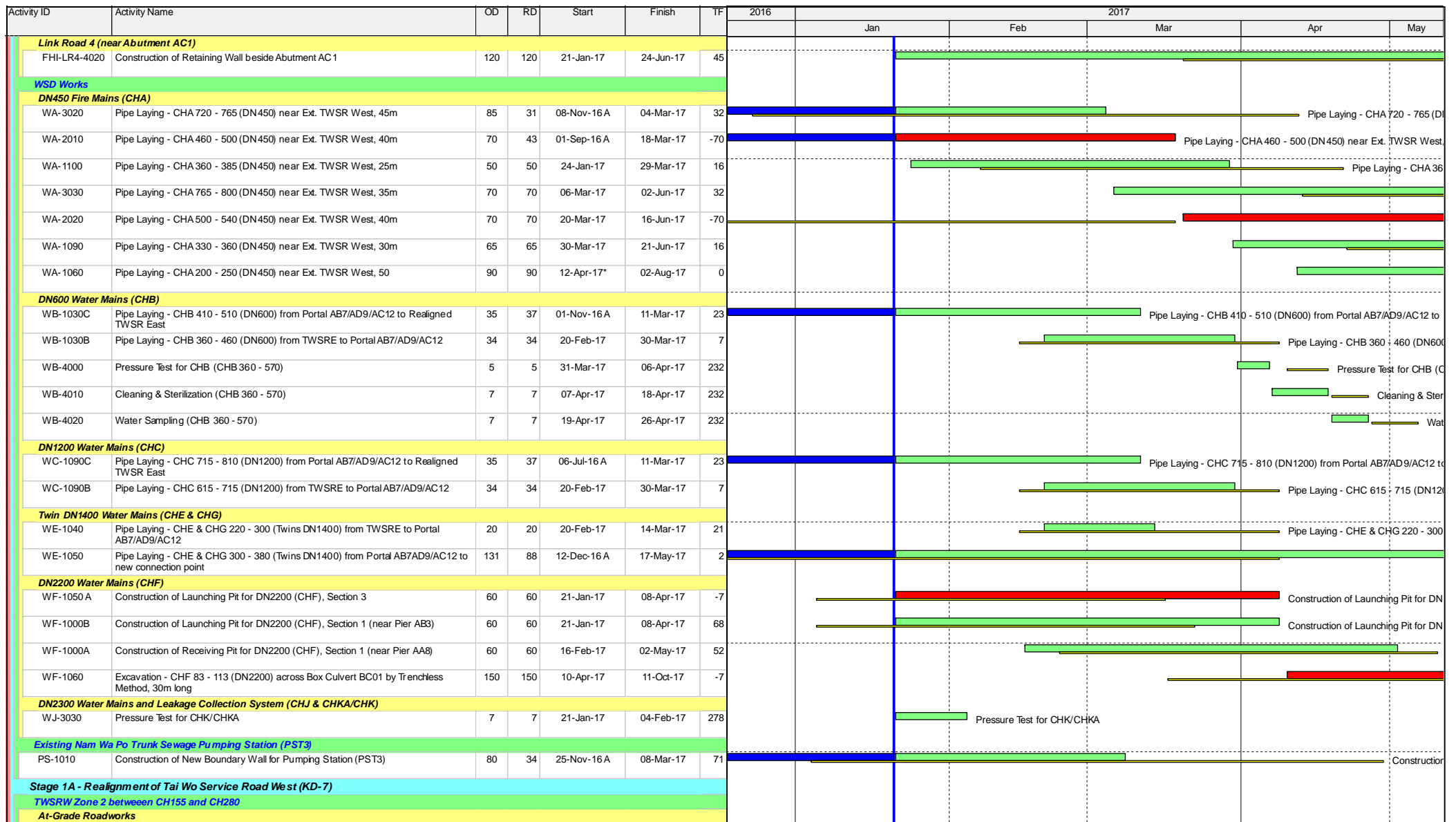
Construction Programme


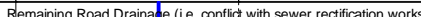

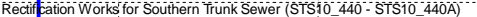



























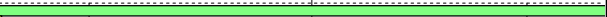



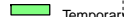

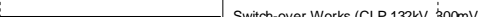

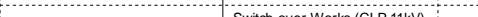





Activity ID	Activity Name	OD	RD	Start	Finish	TF	2016	2017				
								Jan	Feb	Mar	Apr	May
FHW-1150	Noise Barrier NB70 - Footing adjacent to SB lane (30m)	70	70	21-Jan-17	24-Apr-17	227						Noise Barrier NB70
FHW-1170	Road Formation (FLH SB 2nd lane)	45	45	27-Feb-17	24-Apr-17	91						
Fanling Highway Zone 2 between CH7130 and CH7290												
At-Grade Roadworks (160m)												
FHW-2220	Noise Barrier NB68A - Footing at central median (Bay 1 - 12, 141m)	70	18	27-Jul-16 A	17-Feb-17	6						Noise Barrier NB68A - Footing at central median (Bay 1 - 12, 141m), Noise Barrier NB68A - Footing at central median (Bay 1 - 12, 141m)
FHW-2230	Road Formation & Pavement and Central Barrier (Middle Part: FLH NB 4th lanes)	50	36	17-Jan-17 A	10-Mar-17	1						Road Formation & Pavement and Central Barrier (Middle Part: FLH NB 4th lanes), Road Formation & Pavement and Central Barrier (Middle Part: FLH NB 4th lanes)
FHW-2360	Temporary Platform for Mini-Pile Installation Works within WSD Restriction Zone	37	37	21-Jan-17*	11-Mar-17*	11						Temporary Platform for Mini-Pile Installation Works within WSD Restriction Zone, Temporary Platform for Mini-Pile Installation Works within WSD Restriction Zone
FHW-2310	Road Formation & Pavement (FLH NB 3rd lane) by re-surfacing	32	32	13-Mar-17	22-Apr-17	0						Road Formation & Pavement (FLH NB 3rd lane) by re-surfacing, Road Formation & Pavement (FLH NB 3rd lane) by re-surfacing
FHW-2370	Construction of opening on the existing retaining wall for piling works	35	35	13-Mar-17	26-Apr-17	11						Construction of opening on the existing retaining wall for piling works, Construction of opening on the existing retaining wall for piling works
Fanling Highway Zone 3 between CH7290 and CH7380												
Box Culvert Extension - ID4												
ID4-3090	Bay 1 - Remaining Base Slab (To be carried out after diversion of DN1400 water mains)	95	54	30-Nov-16 A	31-Mar-17	78						Bay 1 - Remaining Base Slab (To be carried out after diversion of DN1400 water mains), Bay 1 - Remaining Base Slab (To be carried out after diversion of DN1400 water mains)
At-Grade Roadworks (130m)												
FHW-3220B	Noise Barrier NB68A - Footing at central median (Bay 14 - 15, 24m)	32	6	28-Nov-16 A	27-Jan-17	18						Noise Barrier NB68A - Footing at central median (Bay 14 - 15, 24m), Noise Barrier NB68A - Footing at central median (Bay 14 - 15, 24m)
FHW-3210	Noise Barrier NB68A - Pre-drilling and Mini-Piling at central median (CSD: 20 nos)	50	14	21-May-16 A	13-Feb-17	109						Noise Barrier NB68A - Pre-drilling and Mini-Piling at central median (CSD: 20 nos), Noise Barrier NB68A - Pre-drilling and Mini-Piling at central median (CSD: 20 nos)
FHW-3230	Road Formation & Central Barrier (Middle Part: FLH NB 4th lanes)	55	36	17-Jan-17 A	10-Mar-17	1						Road Formation & Central Barrier (Middle Part: FLH NB 4th lanes), Road Formation & Central Barrier (Middle Part: FLH NB 4th lanes)
FHW-3310	Road Formation & Pavement (FLH NB 3rd lane) by re-surfacing	32	32	13-Mar-17	22-Apr-17	0						Road Formation & Pavement (FLH NB 3rd lane) by re-surfacing, Road Formation & Pavement (FLH NB 3rd lane) by re-surfacing
Fanling Highway North Portion between CH7470 and CH7925												
Fanling Highway Zone 4 between CH7380 and CH7470												
At-Grade Roadworks (90m)												
FHW-4220	Road Formation & Pavement, and Central Barrier (Middle Part: FLH NB 4th lanes)	55	36	17-Jan-17 A	10-Mar-17	1						Road Formation & Pavement, and Central Barrier (Middle Part: FLH NB 4th lanes), Road Formation & Pavement, and Central Barrier (Middle Part: FLH NB 4th lanes)
FHW-4210	Road Drainage, Road Formation & Pavement (FLH SB 3rd lanes)	30	40	17-Jan-17 A	15-Mar-17	0						Road Drainage, Road Formation & Pavement (FLH SB 3rd lanes), Road Drainage, Road Formation & Pavement (FLH SB 3rd lanes)
FHW-4300	Road Formation & Pavement (FLH NB 3rd lane) by re-surfacing	32	32	13-Mar-17	22-Apr-17	0						Road Formation & Pavement (FLH NB 3rd lane) by re-surfacing, Road Formation & Pavement (FLH NB 3rd lane) by re-surfacing
Fanling Highway Zone 5 between CH7470 and CH7600 (Provision of Kiu Tau Footbridge)												
Kiu Tau Footbridge Reprovision (East)												
FHW-5010D3	KT-P4 - RC Deck & Bearing Installation	30	0	03-Dec-16 A	21-Dec-16 A							KT-P4 - RC Deck & Bearing Installation, KT-P4 - RC Deck & Bearing Installation
FHW-5010C3	KT-P2 & P3 - RC Deck & Bearing Installation	30	1	14-Jan-17 A	21-Jan-17	9						KT-P2 & P3 - RC Deck & Bearing Installation, KT-P2 & P3 - RC Deck & Bearing Installation
FHW-5030	Erection of Temporary Support and Working Platform at Central Median for Steel Truss Installation	6	6	17-Jan-17 A	27-Jan-17	8						Erection of Temporary Support and Working Platform at Central Median for Steel Truss Installation, Erection of Temporary Support and Working Platform at Central Median for Steel Truss Installation
FHW-5010A2	KT-AB1 (South Portion) - Pile Cap, Abutment and Bearing Installation	44	18	05-Sep-16 A	17-Feb-17	10						KT-AB1 (South Portion) - Pile Cap, Abutment and Bearing Installation, KT-AB1 (South Portion) - Pile Cap, Abutment and Bearing Installation
FHW-5020	Steel Truss Installation at TWSR East	11	11	15-Feb-17	27-Feb-17	6						Steel Truss Installation at TWSR East, Steel Truss Installation at TWSR East
FHW-5040	Steel Truss Installation across Fanling Highway	18	18	09-Feb-17	01-Mar-17	4						Steel Truss Installation across Fanling Highway, Steel Truss Installation across Fanling Highway
FHW-5070	Testing and Commissioning (Overall)	1	1	02-Mar-17	02-Mar-17	4						Testing and Commissioning (Overall), Testing and Commissioning (Overall)
FHW-5050	Installation of Bridge Decking and Cladding	12	12	03-Mar-17	16-Mar-17	257						Installation of Bridge Decking and Cladding, Installation of Bridge Decking and Cladding
FHW-5110	Additional BFA Facilities - Sump Pit (covered by VO no. 59)	25	25	18-Feb-17	18-Mar-17	45						Additional BFA Facilities - Sump Pit (covered by VO no. 59), Additional BFA Facilities - Sump Pit (covered by VO no. 59)

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Activity ID	Activity Name	OD	RD	Start	Finish	TF	2016	2017					
								Jan	Feb	Mar	Apr	May	
FHW-5060	Installation of Drainage and Lighting Facilities (Overall)	25	25	03-Mar-17	31-Mar-17	244					Installation of Drainage and Lighting Facilities (Overall)		
Provision of BFA Facilities (Lift)													
FHW-L-1000	RC Works for Lift Shaft	55	55	20-Mar-17	29-May-17	45							
At-Grade Road Works (130m)													
FHW-5150	Road Formation & Pavement (FLH SB 3rd lane)	30	40	17-Jan-17 A	15-Mar-17	0					Road Formation & Pavement (FLH SB 3rd lane), Road Formation & Pavement (FLH NB 4th lane)		
FHW-5220	Road Formation & Pavement (FLH NB 4th lane)	31	31	17-Mar-17	26-Apr-17	0						Road Formation & Pavement (FLH NB 4th lane)	
FHW-5140	Demolition of existing Kiu Tau Footbridge	45	45	03-Mar-17	28-Apr-17	4						Demolition of existing Kiu Tau Footbridge	
Fanling Highway Zone 6 between CH7600 and CH7660 (Existing Vehicular Bridge)													
At-Grade Roadworks (60m)													
FHW-6120	Road Formation & Pavement (FLH SB 1st - 3rd lanes)	30	40	17-Jan-17 A	15-Mar-17	0					Road Formation & Pavement (FLH SB 1st - 3rd lanes), Road Formation & Pavement (FLH NB 4th lane)		
FHW-6220	Road Formation & Pavement, and Central Barrier (FLH NB 4th lane)	31	31	17-Mar-17	26-Apr-17	0						Road Formation & Pavement (FLH NB 4th lane)	
FHW-6210	Road Drainage, Road Formation & Pavement (FLH SB 4th lane)	158	158	17-Mar-17	26-Sep-17	66							
Fanling Highway Zone 7 between CH7660 and CH7925													
At-Grade Roadworks (265m)													
FHW-7210a	Road Drainage, Road Formation & Pavement, Central Barrier (FLH SB 4th lane) - Stage 1 (incl. MS12.1 ~ 12.3a)	5	16	08-Sep-16 A	15-Feb-17	24					Road Drainage, Road Formation & Pavement, Central Barrier (FLH SB 4th lane) - Stage 1 (incl. MS12.1 ~ 12.3a)		
FHW-7310a	Road Drainage, Road Formation & Pavement (FLH NB 1st lane and hard shoulder)	125	111	05-Jan-17 A	14-Jun-17	24							
Remaining Works for Noise Barrier along widened Fanling Highway													
FHW-NB-120	Noise Barrier Steelworks & Panel for NB6 (123m), adjacent to Fanling Highway SB lanes at Zone 1	20	20	21-Jan-17*	20-Feb-17	273					Noise Barrier Steelworks & Panel for NB6 (123m), adjacent to Fanling Highway SB lanes at Zone 1		
FHW-NB-130	Noise Barrier Steelworks & Panel for NB7 (60m), adjacent to Fanling Highway SB lanes at Zone 1	10	10	21-Feb-17	03-Mar-17	273					Noise Barrier Steelworks & Panel for NB7 (60m), adjacent to Fanling Highway SB lanes at Zone 1		
FHW-NB-210	Noise Barrier Steelworks & Panel for NB68 (77m), Fanling Highway central median at Zones 1 & 3	13	13	20-Feb-17	06-Mar-17	5					Noise Barrier Steelworks & Panel for NB68 (77m), Fanling Highway central median at Zones 1 & 3		
FHW-NB-140	Noise Barrier Steelworks & Panel for NB71 (254m), adjacent to Fanling Highway SB lanes at Zones 2,3 & 4	45	45	24-Jan-17*	23-Mar-17	256					Noise Barrier Steelworks & Panel for NB71 (254m), adjacent to Fanling Highway SB lanes at Zones 2,3 & 4		
FHW-NB-220	Noise Barrier Steelworks & Panel for NB68A (225m), Fanling Highway central median at Zones 2 & 3	35	35	18-Feb-17	30-Mar-17	6					Noise Barrier Steelworks & Panel for NB68A (225m), Fanling Highway central median at Zones 2 & 3		
Section II - Remainder of the Works (KD-3)													
At Grade Link Road at Fanling Highway Interchange													
Link Road 1 (near Abutment AB1)													
FHI-LR1-1010	Completion of Abutment AB1	0	0		17-Mar-17	67					◆ Completion of Abutment AB1		
FHI-LR1-1030	Noise Barrier NB66 - Footing adjacent NB lane (24m long, Bay 5 - Bay 6)	54	54	01-Mar-17	09-May-17	121							
FHI-LR1-1050	Noise Barrier NB67 - Pre-drilling & Mini-Piling (Cap 1-10 for raking piles, 20no.)	72	72	01-Mar-17	31-May-17	122							
FHI-LR1-1040	Noise Barrier NB66 - Footing adjacent NB lane (50m long, Bay 1 - Bay 4)	90	90	20-Feb-17	12-Jun-17	0							
Link Road 2 (near Abutment AA1)													
FHI-LR2-2010	Completion of Abutment AA1	0	0		26-Jan-17	89					◆ Completion of Abutment AA1		
FHI-LR2-2000	Completion of Demolition of Existing Vehicular Bridge	0	0		27-Jan-17	172					◆ Completion of Demolition of Existing Vehicular Bridge		
Link Road 3 (near Abutment AD1)													
FHI-LR3-3010	Completion of Abutment AD1	0	0		21-Jan-17	46					◆ Completion of Abutment AD1		
FHI-LR3-3020	Construction of Retaining Wall beside Abutment AD1	120	120	23-Feb-17	21-Jul-17	24							

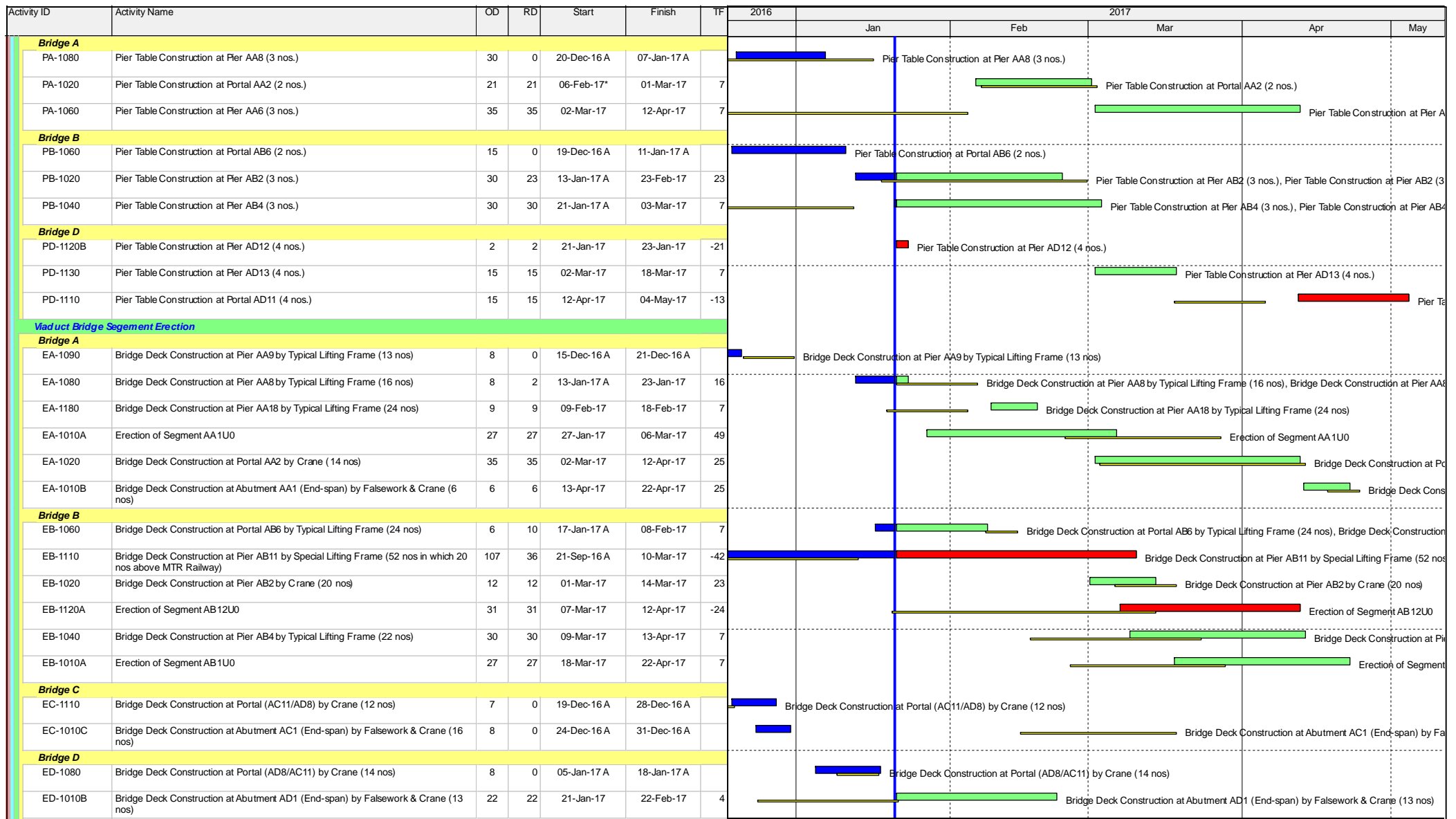
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Activity ID	Activity Name	OD	RD	Start	Finish	TF	2016	2017				
							Jan	Feb	Mar	Apr	May	
TWSRW-2160	Remaining Road Drainage (i.e. conflict with sewer rectification works)	25	0	26-Nov-16 A	29-Dec-16 A							
TWSRW-2170	Rectification Works for Southern Trunk Sewer (STS10_440 - STS10_440A)	5	0	05-Jan-17 A	14-Jan-17 A							
TWSRW-2130C	Remaining Road Formation & Pavement (above Southern Trunk Sewer)	30	12	31-Dec-16 A	10-Feb-17	7			Remaining Road Formation & Pavement (above Southern Trunk Sewer), Remaining Road Formation & Pavement (above Southern Trunk Sewer)			
TWSRW Zone 4 between CH315 and CH376												
Construction of Bridge E												
TWSRW-4100C	Construction of Gabion Wall and Remaining Slope Reinstatement Works	68	54	03-Jan-17 A	31-Mar-17	250			Construction of Gabion Wall and Remaining Slope Reinstatement Works			
TWSRW Zone 5 between CH376 and CH520												
At-Grade Roadworks												
TWSRW-5100C	Remaining Retaining Wall RW7 - Bay 7001 (6.7m) (covered by VO No.100)	30	30	18-Nov-16 A	03-Mar-17	733			Remaining Retaining Wall RW7 - Bay 7001 (6.7m) (covered by VO No.100), Remaining Retaining Wall RW7 - Bay 7001 (6.7m) (covered by VO No.100)			
TWSRW-5110D	Remaining Retaining Wall RW9 - Bay 9001 & Coping Block (covered by VO No.116)	55	46	11-Jan-17 A	22-Mar-17	258			Remaining Retaining Wall RW9 - Bay 9001 & Coping Block (covered by VO No.116), Remaining Retaining Wall RW9 - Bay 9001 & Coping Block (covered by VO No.116)			
TWSRW-5160	Construction of Extended Podium near RW7 incl. demolition of existing staircase and filling works (covered by VO No.100)	85	49	27-Oct-16 A	25-Mar-17	56			Construction of Extended Podium near RW7 incl. demolition of existing staircase and filling works (covered by VO No.100), Construction of Extended Podium near RW7 incl. demolition of existing staircase and filling works (covered by VO No.100)			
TWSRW-5120A	Filling Works between Retaining Wall RW7 and RW8	192	51	07-Jun-16 A	28-Mar-17	170			Filling Works between Retaining Wall RW7 and RW8, Filling Works between Retaining Wall RW7 and RW8			
TWSRW-5120B	Permanent Vehicular Access to Lot 81 (incl. filling works behind retaining wall RW8)	48	48	29-Mar-17	31-May-17	170						
TWSRW Zone 7 between CH530 and CH640												
At-Grade Roadworks												
TWSRW-7190	Implementation of TTA - Scheme W3C (shift TWSRW SB traffic westward, i.e. permanent alignment)	0	0	20-Mar-17		136				Implementation of TTA - Scheme W3C (shift TWSRW SB traffic westward, i.e. permanent alignment)		
TWSRW Zone 8 between CH640 and CH695												
Kiu Tau Footbridge Re-provision (West)												
TWSRW-8020A	KT-P1 & P5 - RC Deck & Bearing Installation	30	0	19-Dec-16 A	18-Jan-17 A				KT-P1 & P5 - RC Deck & Bearing Installation			
TWSRW-8040	Steel Truss Installation at TWSR West	12	12	04-Feb-17	17-Feb-17	14			Steel Truss Installation at TWSR West			
At-Grade Roadworks												
TWSRW-8100	Fill Replacement Works	95	95	18-Feb-17	16-Jun-17	66						
Remainder of the Works												
Utilities Laying Works												
UU-1030B	Utilities Duct Laying in Area 3, Temp Works, Towngas - DN400, approx. 30m	25	13	01-Nov-16 A	11-Feb-17	0			Utilities Duct Laying in Area 3, Temp Works, Towngas - DN400, approx. 30m, Utilities Duct Laying in Area 3, Temp Works, Towngas - DN400, approx. 30m			
UU-1030A	Utilities Duct Laying in Area 3, Phase 2, CLP - 132kV(150mVA), approx. 30m	27	27	01-Mar-17	31-Mar-17	612						
UU-1040A	Utilities Duct Laying in Area 4, Phase 2, Towngas - DN600 & DN400, approx. 50m (by their own TTA)	121	99	15-Sep-16 A	31-May-17	534						
Switch-Over of Existing Utilities												
UU-SO-2020	Cabling Works for CLP 11kV	21	0	17-Dec-16 A	24-Dec-16 A				Cabling Works for CLP 11kV			
UU-SO-3520	Temporary Diversion of DN400 Gas Mains	6	6	13-Feb-17*	18-Feb-17	0			Temporary Diversion of DN400 Gas Mains			
UU-SO-2500	Switch-over Works (CLP 132kV, 300mVA)	16	16	13-Feb-17*	28-Feb-17	77						
UU-SO-2520	Switch-over Works (CLP 11kV)	16	16	13-Feb-17*	28-Feb-17	77						
UU-SO-1010	Cabling Works for telecom utilities	146	146	06-Mar-17*	29-Jul-17	35						
Remaining Works for Noise Barrier along realigned TWSR West												
TWSRW-NB-110	Noise Barrier Steelworks & Panel for NB4 at Zones 1 & 2	30	30	01-Mar-17*	05-Apr-17	187						

Activity ID	Activity Name	OD	RD	Start	Finish	TF	2016	2017
TWSRW-NB-130	Noise Barrier Steelworks & Panel for NB1b at Zone 4	30	30	06-Apr-17	16-May-17	187		Jan Feb Mar Apr May
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-1140A*	Pipe laying - DN1400 Watermains (CHKA) along Realigned TWSR East	90	0	17-Sep-16 A	03-Jan-17 A			
TWSRE-1140B*	Pipe laying - DN600 & DN1200 Watermains (CHB & CHC) along Realigned TWSR East	106	53	06-Jul-16 A	30-Mar-17	7		Pipe laying - DN600 & DN1200 Watermains (CHB & CHC) along Realigned TWSR East
TWSRE-1170	Remaining Noise Barrier NB3 Stem Wall (a total of 24m long)	45	45	13-Mar-17	10-May-17	23		
TWSRE-1160	Road Formation, Road Drainage, Kerb, Planter and Pavement (Incl. FL/F8A, FL/F9)	118	118	31-Mar-17	24-Aug-17	7		
TWSRE Zone 2 between CH270 and CH380								
At-Grade Roadworks								
TWSRE-2060B	Demolition of Existing Kiu Tau Vehicular Bridge (Portion 2), above existing TWSRE	35	6	27-Dec-16 A	27-Jan-17	13		Demolition of Existing Kiu Tau Vehicular Bridge (Portion 2), above existing TWSRE
TWSRE-2060C	Demolition of Existing Kiu Tau Vehicular Bridge (Portion 3), above new TWSRE	35	35	04-Feb-17*	16-Mar-17	13		Demolition of Existing Kiu Tau Vehicular Bridge (Portion 3), above new TWSRE
TWSRE-2080	Remaining Noise Barrier NB3 Stem Wall (total 2 bays)	45	45	17-Mar-17	15-May-17	22		
TWSRE Zone 3 between CH380 and CH456								
At-Grade Roadworks								
TWSRE-3040	Road Formation, Kerb, Footpath, Cycle Track, Planter and Pavement (Incl. FL/F10)	70	70	31-Mar-17	28-Jun-17	55		
Roundabout A, Slip Road and Access Road								
TWSRE-5010	Modification Works to new Roundabout A	90	52	29-Nov-16 A	29-Mar-17	2		Modification Works to new Roundabout A, Modification Works to new Roundabout A
TWSRE-5020	Hand Over the area to BBI Contractor	0	0		29-Mar-17*	2		◆ Hand Over the area to BBI Contractor
Stage 1C - Viaduct Structure & TCSS Civil Provisions (KD-9)								
Foundation & Pier Construction								
Bridge A								
BA-01-1020B	Abutment AA1 - Abutment Wall	32	0	14-Dec-16 A	19-Jan-17 A			Abutment AA1 - Abutment Wall
BA-01-1020C	Abutment AA1 - Plinth Construction	5	5	21-Jan-17	26-Jan-17	49		Abutment AA1 - Plinth Construction
BA-06-1030	Pier AA6 - Pier Construction	35	14	14-Nov-16 A	13-Feb-17	7		Pier AA6 - Pier Construction, Pier AA6 - Pier Construction
Bridge B								
BB-02-1030	Pier AB2 - Pier Construction	7	0	14-Dec-16 A	30-Dec-16 A			Pier AB2 - Pier Construction
BB-04-1030	Pier AB4 - Pier Construction	35	0	03-Oct-16 A	10-Jan-17 A			Pier AB4 - Pier Construction
BB-12-1020B	Abutment AB12/AD14 - Abutment Wall	120	18	15-Aug-16 A	17-Feb-17	-24		Abutment AB12/AD14 - Abutment Wall, Abutment AB12/AD14 - Abutment Wall
BB-12-1020C	Abutment AB12/AD14 - Plinth Construction	14	14	18-Feb-17	06-Mar-17	-24		Abutment AB12/AD14 - Plinth Construction
BB-01-1020B	Abutment AB1 - Abutment Wall	32	32	21-Jan-17	06-Mar-17	7		Abutment AB1 - Abutment Wall
BB-01-1020C	Abutment AB1 - Plinth Construction	10	10	07-Mar-17	17-Mar-17	7		Abutment AB1 - Plinth Construction
Bridge D								
BD-11-1030	Pier AD11E - Pier Construction	35	0	07-Nov-16 A	05-Jan-17 A			Pier AD11E - Pier Construction
BD-11-1050	Portal AD11 - Portal Beam Construction together with Kicker	55	55	21-Jan-17	01-Apr-17	-13		Portal AD11 - Portal Beam Construction together with Kicker
Pier Table Construction								

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