







Appendix A

Construction Programme

Activity ID	Activity Name	OD	RD	Start	Finish	TF	2015					
								Feb	Mar	Apr	May	Jun
3-Month Rolling Programme 2015-02-21												
Key Dates (Contractual)												
KD-0010	Commencement of Works	0	0	31-Jul-13 A								
Dependent Milestones from Other Contracts												
MS-0100	Completion of Temporary Vehicular Bridge by C2 Contractor	0	0		03-Feb-15 A		◆ Completion of Temporary Vehicular Bridge by C2 Contractor					
Major Milestones and Events												
MS-2000A2	T1b: TTA to shift FLHS SB eastward to the widened pavement (shift 2 lanes)	1	1	08-Mar-15	08-Mar-15	0			T1b: TTA to shift FLHS SB eastward to the widened pavement (shift 2 lanes)			
MS-2000A3	T1c: TTA to shift FLHS SB eastward to the widened pavement (shift 3 lanes)	1	1	22-Mar-15	22-Mar-15	0			T1c: TTA to shift FLHS SB eastward to the widened pavement (shift 3 lanes)			
MS-2000B	T2: TTA to shift FLHS NB eastward	1	1	29-Mar-15	29-Mar-15	0			T2: TTA to shift FLHS NB eastward			
Major Procurement & Delivery												
Water Supply Pipeworks												
MM-1060	E&M equipment for the re-provisioned WSD Valve Control House	60	60	26-Feb-15	12-May-15	35					E&M equipment for the re-provisi	
Precast Bridge Segment Lifting Frames and Precast Yard												
MM-2050	Certification of lifting frame	18	18	26-Feb-15	18-Mar-15	7					Certification of lifting frame	
Design and Submissions												
Statutory Approval												
PRE-1210	Consent for Dong Jiang watermians connection for DN1400 - WSD	0	0		26-Feb-15	173			◆ Consent for Dong Jiang watermians connection for DN1400 - WSD			
PRE-1510	Confirmation of Revised Retaining Structure along Slope no. 3SW-C/C898	0	0		26-Feb-15*	210			◆ Confirmation of Revised Retaining Structure along Slope no. 3SW-C/C898			
PRE-1500	Confirmation of Noise Barrier Footing Design for NB71 (CH7150 to CH7290)	70	14	17-Apr-14 A	13-Mar-15	14					Confirmation of Noise Barrier Footing Design for NB71 (CH7150 to CH7290), Confirmation of Noise Bar	
PRE-1220	Consent for construction of noise barrier (NB1a) within WSD Tau Pass Restricted Zone - WSD	45	21	09-Apr-14 A	21-Mar-15	144					Consent for construction of noise barrier (NB1a) within WSD Tau Pass Restricted Zone - WSD	
Method Statement and Design (Major) Approved by AECOM												
PRE-2020	Submission of noise barrier design for absorptive panels, transparent panels and associated fixing details	60	30	11-Mar-14 A	01-Apr-15	80					Submission of noise barrier design for absorptive panels, transparent panels and a	
Section IA & IB - Fanling Highway Widening (KD-1 & KD-2)												
Fanling Highway South Portion between CH6935 and CH7470												
Fanling Highway Zone 1 between CH6935 and CH7130 (within SBZ2)												
At-Grade Roadworks (195m)												
FHW-1120*	Pipe Laying - DN1200 Watermains (CHC) across Fanling Highway (total 80m for 2 shafts)	275	0	09-Jun-14 A	12-Feb-15 A							
FHW-1130*	Pipe Laying - DN1200 Watermains (CHC) along Fanling Highway (80m long, 4m depth)	182	40	20-Feb-14 A	17-Apr-15	757					Pipe Laying - DN1200 Watermains (CHC) along Fanling Highw	
Fanling Highway Zone 2 between CH7130 and CH7290												
At-Grade Roadworks (160m)												
FHW-2110B	Noise Barrier NB71 - Footing adjacent to SB lane (96m) (affected due to design change)	150	150	26-Jul-14 A	28-Aug-15	8						
FHW-2130*	Pipe Laying - DN1200 & DN600 Watermains (CHB & CHC) along Fanling Highway (183m long, 4m depth)	210	210	26-Feb-15	10-Nov-15	376						
Fanling Highway Zone 3 between CH7290 and CH7380												
At-Grade Roadworks (130m)												
FHW-3130	Noise Barrier NB71 - Footing adjacent to SB lane (130m) Including pile cap	270	55	23-May-14 A	06-May-15	139					Noise Barrier NB71 - Footing adjacent to	
FHW-3210	Noise Barrier NB69 - Mini-Piling adjacent to NB lane (CSD: 32nos)	79	79	30-Mar-15	08-Jul-15	0						
FHW-3160	Road Formation, Kerb and Pavement (Eastern Side: FLH SB Slow lane and hard should)	90	90	27-Mar-15	18-Jul-15	139						

	 Actual Work	CEDD Contract No. CV/2012/09 Liantang / Heung Yuen Wai BCP - Site Formation & Infrastructure Works, Contract 3 3-Month Rolling Programme	3-Month Rolling Programme updated to 2015-02-21			
	 Remaining Work		Date	Revision	Checked	Approved
	 Summary Bar		26-Feb-15	Rev.1	SL	
	 Critical Remaining Work					
	◆ Milestone					
	 Project Baseline Bar					

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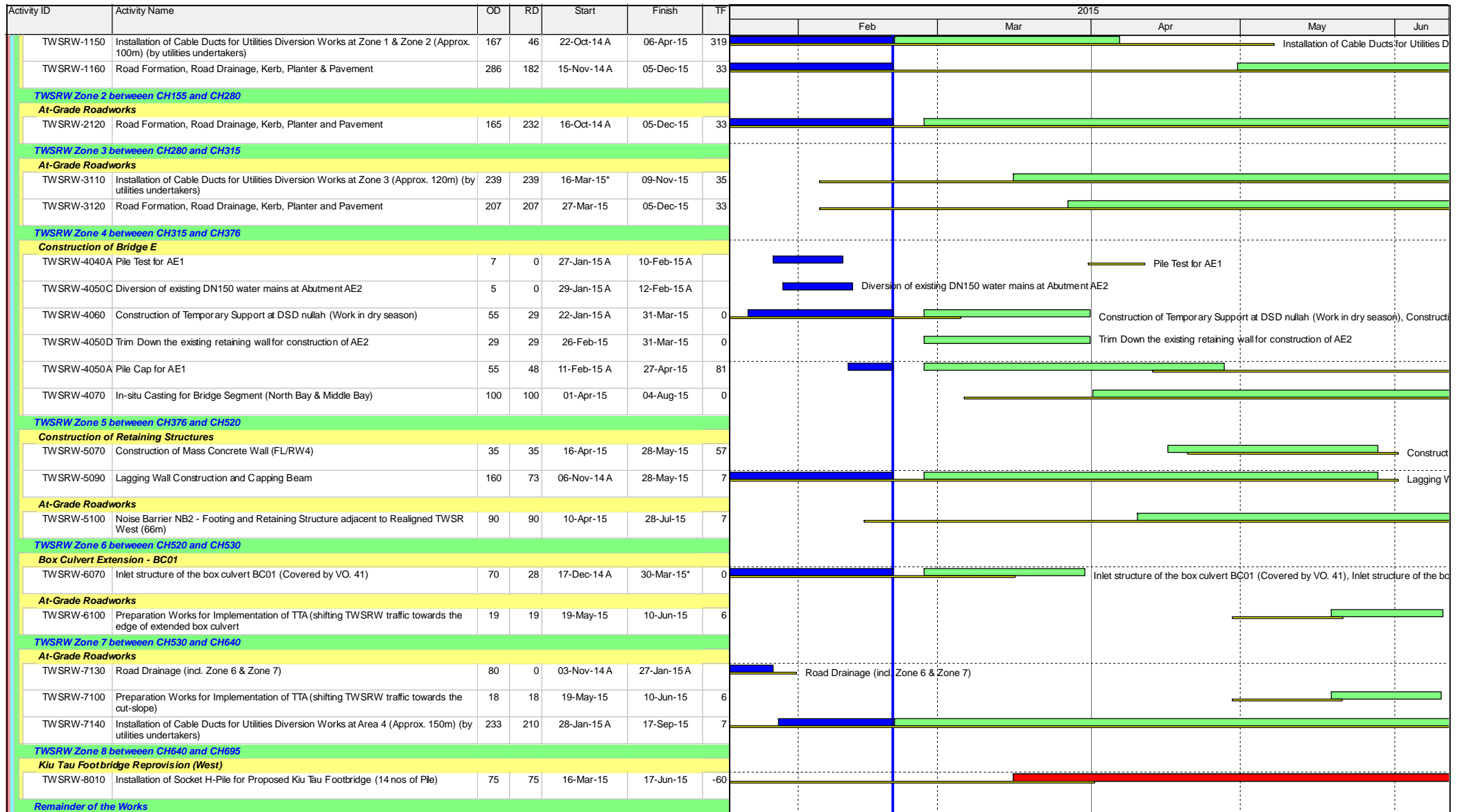
26-Feb-15

Activity ID	Activity Name	OD	RD	Start	Finish	TF	2015					
								Feb	Mar	Apr	May	Jun
FHW-3150*	Pipe Laying - DN600, DN1200 Watermains (CHB & CHC) along Fanling Highway (90m long, 3m depth)	150	115	07-Jun-14 A	18-Jul-15	579						
Fanling Highway Zone 4 between CH7380 and CH7470												
At-Grade Roadworks (90m)												
FHW-4120*	Pipe Laying - Twin DN1400 Watermains (CHE & CHG) along Fanling Highway (90m long, 3m depth)	155	15	15-Oct-14 A	14-Mar-15	69						
FHW-4130*	Pipe Laying - DN600 & DN1200 Watermains (CHB & CHC) along Fanling Highway (90m long, 3m depth)	60	21	27-Nov-14 A	21-Mar-15	781						
FHW-4100	Noise Barrier NB71 & NB72 - Footing adjacent to SB lane (90m)	140	140	07-May-15	23-Oct-15	373						
Miscellaneous Works for Facilitating Traffic Diversion of Fanling Highway												
FHW-M-1020	Permanent Road Formation with 2 lanes width between CH6935 and CH7130 (Eastern Side) by means of re-construction	45	9	10-Nov-14 A	07-Mar-15	0						
FHW-M-1030	Permanent Road Formation with 3 lanes width between CH6935 and CH7130 (Eastern Side) by means of re-surfacing	12	12	09-Mar-15	21-Mar-15	0						
FHW-M-1040	Demolition of a certain section of Central Barrier & Make Good of Road Pavement for further Traffic Diversion	6	6	23-Mar-15	28-Mar-15	0						
Fanling Highway North Portion between CH7470 and CH7925												
Fanling Highway Zone 5 between CH7470 and CH7600 (Provision of Kiu Tau Footbridge)												
Kiu Tau Footbridge Re-provision (East)												
FHW-5000A2	KT-AB1 - Piling Works (5 out of 12 nos of Pile) - Phase 2, conflict with temp cycle track/ existing tree	25	25	28-Feb-15	28-Mar-15	33						
FHW-5000E	KT-P4 - Piling Works (8 out of 8 nos of Pile) - Phase 2, conflict with temp cycle track/ existing tree	40	40	30-Mar-15	20-May-15	33						
FHW-5010B	KT-AB2 - Pile Cap & Abutment	105	105	08-Apr-15	12-Aug-15	219						
At-Grade Road Works (130m)												
FHW-5120A	Preparation Works for Implementation of TTA Scheme E2	25	25	08-Apr-15	07-May-15	90						
FHW-5120B	Implementation of TTA - Scheme E2 (shifting TWSR East towards Pier AA4 for pipe laying works at crossing)	0	0	08-May-15		90						
Fanling Highway Zone 7 between CH7660 and CH7925												
At-Grade Roadworks (265m)												
FHW-7100	Site Formation, Preparation Works & Tree Transplant	127	177	30-Aug-13 A	30-Sep-15	8						
Section II - Remainder of the Works (KD-3)												
WSD Works												
DN450 Fire Mains (CHA)												
WA-1030	Pipe Laying - CHA 260 - 360 (DN450) near Ext. TWSR West, 100m long & 2m depth	65	65	30-Mar-15	19-Jun-15	686						
DN600 Water Mains (CHB)												
WB-0100	Temporary Local Diversion for DN600 near Abutment AD1 (CHB 0 - 100)	80	0	25-Sep-14 A	12-Feb-15 A							
WB-1020	Pipe Laying - CHB 245 - 335 (DN600) near Fanling Highway S/B (FHW: CH7380-7470), 90m long (common trench with NB)	60	21	27-Nov-14 A	21-Mar-15	613						
WB-1030B	Pipe Laying - CHB 350 - 450 (DN600) from Pier AA4 to Portal AB7/AD9/AC12	30	30	27-Feb-15	02-Apr-15	90						
WB-1030A	Pipe Laying - CHB 335 - 350 (DN600) near crossing TWSRE 15m long & 3m depth	30	30	08-May-15	12-Jun-15	590						
WB-1090	Pipe Laying - CHB 756 - 849 (DN600) near Realigned TWSR East (along Access Road A), 93m long & GL	40	40	29-Apr-15	16-Jun-15	4						
WB-1010	Pipe Laying - CHB 153 - 245 (DN600) near Fanling Highway S/B (FHW: CH7290-7380), 92m long (common trench with NB)	60	60	07-May-15	18-Jul-15	579						
DN1200 Water Mains (CHC)												
WC-1030B	Pipe Laying - CHC 100 - 155 (DN1200) across Fanling Highway & associated Grouting Works	46	0	14-Nov-14 A	14-Feb-15 A							
WC-1080	Pipe Laying - CHC 510 - 600 (DN1200) near Fanling Highway S/B (FHW: CH7380-7470), 90m long (common trench with NB)	60	21	27-Nov-14 A	21-Mar-15	781						

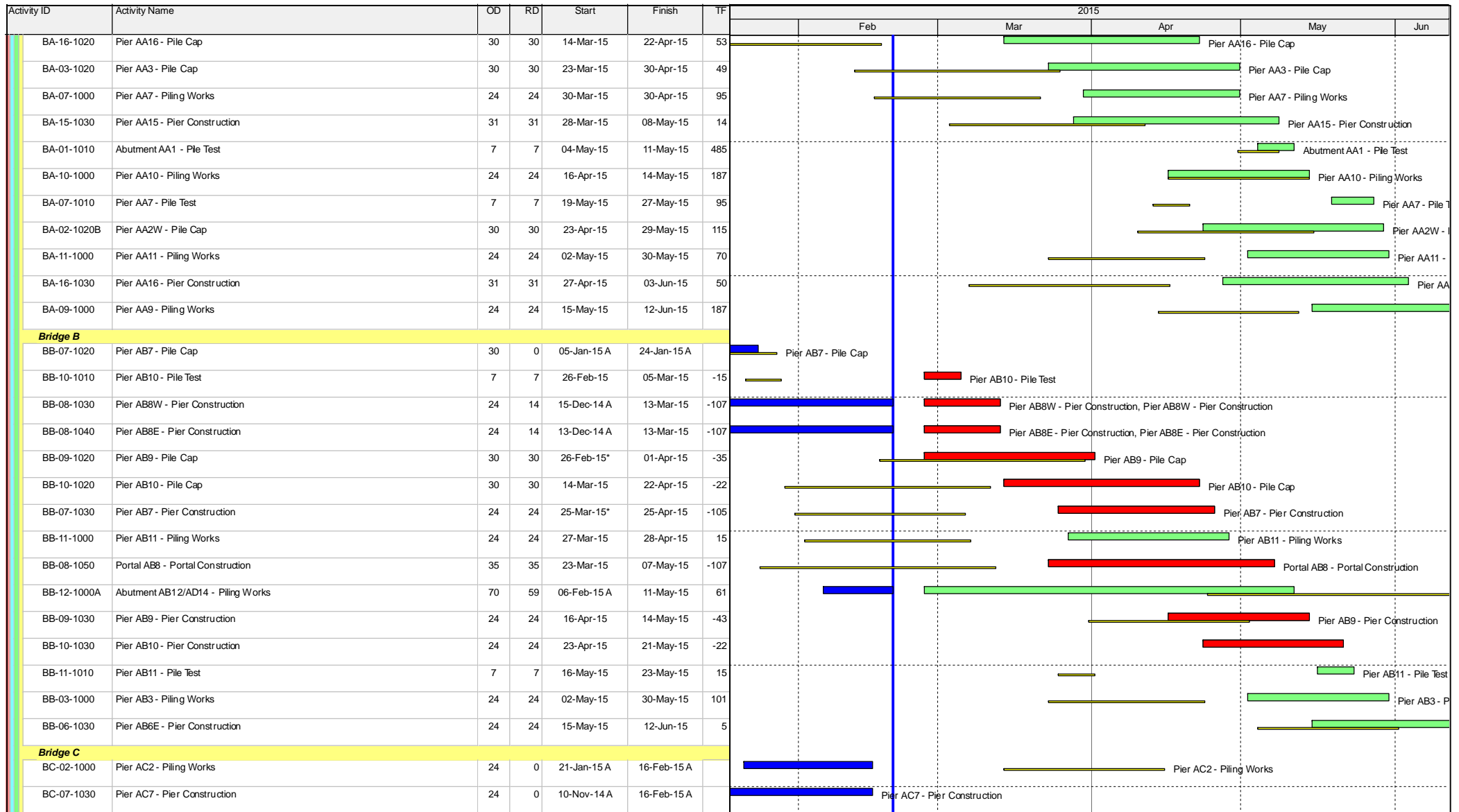
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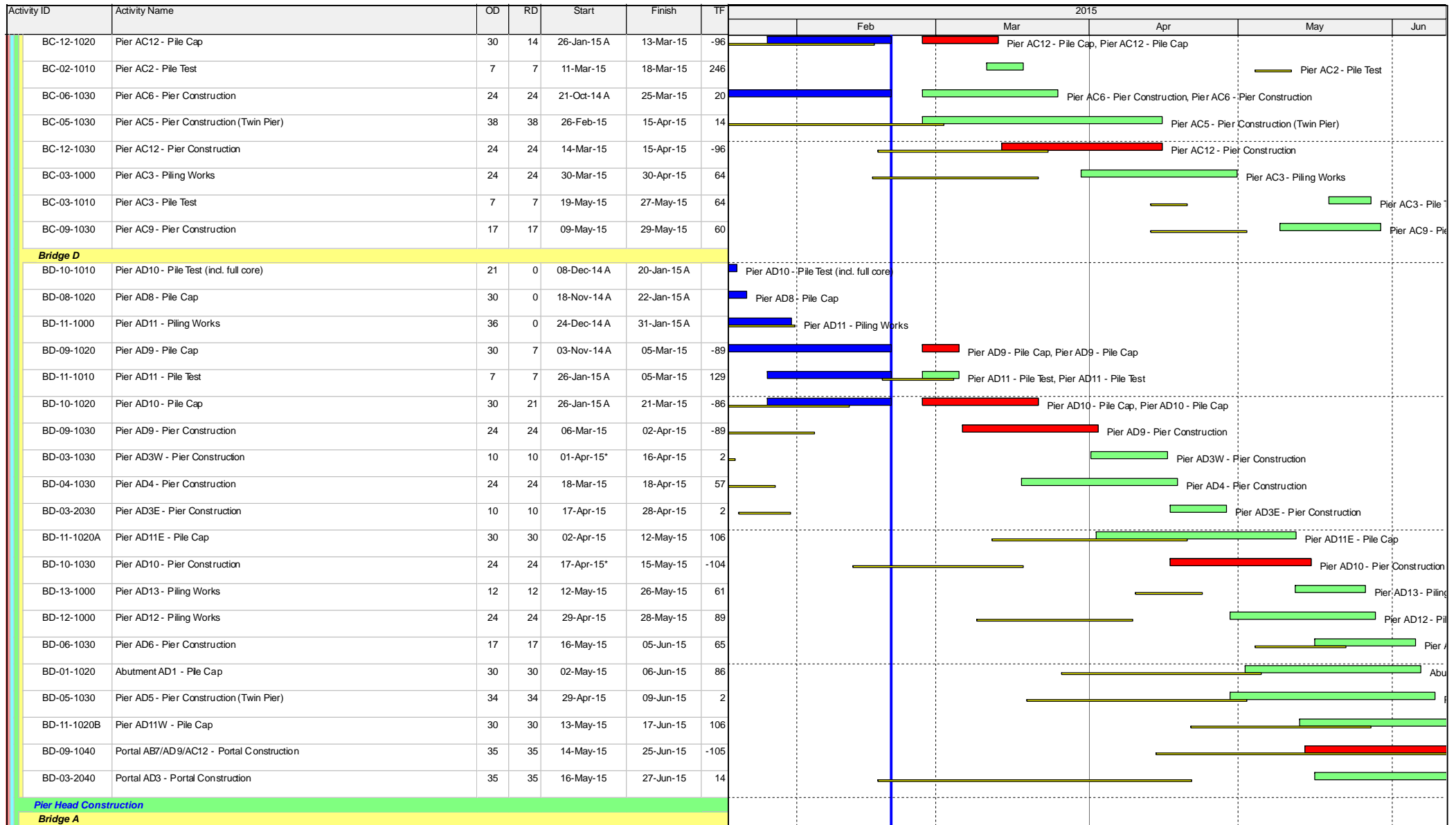
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								Feb	Mar	Apr	May	Jun
WC-1090B	Pipe Laying - CHC 615 - 720 (DN1200) from Pier AA4 to Portal AB7/AD9/AC12	30	30	27-Feb-15	02-Apr-15	90				Pipe Laying - CHC 615 - 720 (DN1200) from Pier AA4 to Portal AB7/AD9/AC12		
WC-1050A	Pipe Laying - CHC 155 - 200 (DN1200) near Fanling Highway S/B (FHW: CH6935-7130), 45m long, 4m depth	120	40	15-Oct-14 A	17-Apr-15	757				Pipe Laying - CHC 155 - 200 (DN1200) near Fanling Highway		
WC-1090A	Pipe Laying - CHC 600 - 615 (DN1200) near crossing TWSRE 15m long & 3m depth	30	30	08-May-15	12-Jun-15	287						
WC-1150	Pipe Laying - CHC 1030 - 1123 (DN1200) near Realigned TWSR East (along Access Road A), 93m long & GL	40	40	29-Apr-15	16-Jun-15	38						
WC-1060	Pipe Laying - CHC 235 - 420 (DN1200) near Fanling Highway S/B (FHW: CH7130-7290), 185m long (common trench with NB)	95	95	26-Feb-15	24-Jun-15	491						
Twin DN1400 Water Mains (CHE & CHG)												
WE-1020	Pipe Laying - CHE & CHG 135 - 225 (Twins DN1400) near Fanling Highway S/B (FHW: CH7380-7470), 90m long & 3m depth	155	15	15-Oct-14 A	14-Mar-15	69				Pipe Laying - CHE & CHG 135 - 225 (Twins DN1400) near Fanling Highway S/B (FHW: CH7380-7470)		
WE-2000A	Pressure Test, for CHE (Stage 1 Diversion)	14	14	16-Mar-15	31-Mar-15	130				Pressure Test, for CHE (Stage 1 Diversion)		
WE-2000B	Pressure Test for CHG (Stage 1 Diversion)	14	14	16-Mar-15	31-Mar-15	181				Pressure Test for CHG (Stage 1 Diversion)		
WE-1040	Pipe Laying - CHE & CHG (Twins DN1400) from Pier AA4 to Portal AB7/AD9/AC12	30	30	27-Feb-15	02-Apr-15	69				Pipe Laying - CHE & CHG (Twins DN1400) from Pier AA4 to Portal AB7/AD9/AC12		
WE-2010A	Cleaning & CCTV Inspection for CHE (Stage 1 Diversion)	14	14	01-Apr-15	21-Apr-15	130				Cleaning & CCTV Inspection for CHE (Stage 1 Diversion)		
WE-2010B	Cleaning & CCTV Inspection for CHG (Stage 1 Diversion)	14	14	01-Apr-15	21-Apr-15	181				Cleaning & CCTV Inspection for CHG (Stage 1 Diversion)		
WE-2020A	Installation of Connecting Pipe for Connection to Existing Mains (CHE)	14	14	22-Apr-15	08-May-15	130						
WE-2030A	Sterilization and Sampling for CHE (Stage 1 Diversion)	10	10	09-May-15	20-May-15	130						
WE-1030	Pipe Laying - CHE & CHG 225 - 240 (Twins DN1400) near crossing TWSRE 15m long & 3m depth	30	30	08-May-15	12-Jun-15	90						
DN2300 Water Mains and Leakage Collection System (CHJ & CHKA/CHK)												
WJ-1010A	Pipe Laying - CHJ 0 - 10 (DN2200) near existing TWSR East, 10m long & 6m depth	90	25	13-Oct-14 A	16-Mar-15	80				Pipe Laying - CHJ 0 - 10 (DN2200) near existing TWSR East, 10m long & 6m depth, Pipe Laying - CHJ 0 - 10 (DN2200) near existing TWSR East, 10m long & 6m depth		
WJ-1050	Pipe Laying - CHJ 200 - 292 (DN2300) near Realigned TWSR East (along Access Road A), 92m long & GL	68	35	02-Jan-15 A	11-Apr-15	4				Pipe Laying - CHJ 200 - 292 (DN2300) near Realigned TWSR East (along Access Road A), 92m long & GL		
WJ-1000	Implementation of TTA - Scheme E2 (Shifting TWSRE toward newly formation area beside Fanling Highway)	21	21	17-Mar-15	14-Apr-15	63				Implementation of TTA - Scheme E2 (Shifting TWSRE toward newly formation area beside Fanling Highway)		
WJ-1010B	Pipe Laying - CHJ 10 - 50 (DN2200) crossing existing TWSR East, 40m long & 6m depth	40	40	15-Apr-15	02-Jun-15	63						
WJ-1020B	Pipe Laying - CHKA 0 - 73 (DN1400) near Realigned TWSR East, 73m long & 4m depth	55	55	12-Apr-15	05-Jun-15	6						
WJ-1010C	Pipe Laying - CHJ 50 - 100 (DN2200) near existing TWSR East, 50m long & 6m depth	65	65	27-Mar-15	17-Jun-15	15						
WJ-1100	DN300 Washout at around CHJ 268	65	65	13-Apr-15	30-Jun-15	40						
WJ-1110	DN300 Washout at CHJ 155	65	65	13-May-15	30-Jul-15	15						
Kau Lung Hang Valve Control & Telemetry House Reprovision												
VCTH-1040	ABWF Works	70	60	06-Jan-15 A	12-May-15	35				ABWF Works, ABWF Works		
VCTH-1010	BS and E&M Works	120	120	13-May-15	05-Oct-15	35						
Stage 1A - Realignment of Tai Wo Service Road West (KD-7)												
Preliminary Works												
TWSRW-1100	Tree Survey, Tree Felling and Transplanting	81	15	16-Oct-13 A	14-Mar-15	-60				Tree Survey, Tree Felling and Transplanting, Tree Survey, Tree Felling and Transplanting		
TWSRW Zone 1 between CH100 and CH155												
At-Grade Roadworks												

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Activity ID	Activity Name	OD	RD	Start	Finish	TF	2015					
								Feb	Mar	Apr	May	Jun
TWSRW-9010*	Utilities Diversion in Area 1 (along Re-aligned TWSRW CH100 - CH280)	167	46	22-Oct-14 A	06-Apr-15	319					Utilities Diversion in Area 1 (along Re-aligned TWSRW CH100 - CH280)	
TWSRW-9040*	Utilities Diversion in Area 4 (along Re-aligned TWSRW CH530 - CH640)	233	210	28-Jan-15 A	17-Sep-15	7						
TWSRW-9020*	Utilities Diversion in Area 2 (along Re-aligned TWSRW CH 280 - CH315)	239	239	16-Mar-15	09-Nov-15	35						
TWSRW-9030	Utilities Diversion in Area 3 (along existing TWSRW, Approx. 150m) (by utilities undertakers)	287	287	01-Apr-15*	12-Jan-16	38						
Stage N4A & N4B - Realignment of Tai Wo Service Road East (KD-13 & KD-14)												
Preliminary Works												
TWSRE-4000	Site Formation, Preparation Works & Tree Transplant	65	25	15-Apr-14 A	26-Mar-15	15					Site Formation, Preparation Works & Tree Transplant, Site Formation, Preparation Work	
TWSRE Zone 1 between CH100 and CH270												
At-Grade Roadworks												
TWSRE-1150	Construct no fine concrete, U-channel and filling to required level for pipe laying works	30	35	06-Jan-15 A	11-Apr-15	5					Construct no fine concrete, U-channel and filling to required level for p	
TWSRE-1110	Noise Barrier NB3 - PC01 & PC02 Pile Cap Construction	55	45	19-Jan-15 A	23-Apr-15	22						
TWSRE-1120	Noise Barrier NB3 - Footing adjacent to Realigned TWSR East (96m)	110	66	29-Dec-14 A	19-May-15	1						
TWSRE-1140*	Pipe laying - DN1400 Watermains (CHKA) along Realigned TWSR East	55	55	12-Apr-15	05-Jun-15	6						Pipe
TWSRE Zone 3 between CH380 and CH456												
At-Grade Roadworks												
TWSRE-3030	Road Drainage	55	0	24-Oct-14 A	16-Feb-15 A							
TWSRE-3010	Noise Barrier NB3 - Footing adjacent to Realigned TWSR East (62m)	85	85	28-Feb-15	13-Jun-15	54						
Roundabout A, Slip Road and Access Road												
TWSRE-4050A*	Pipe laying - DN2300 Watermains (CHJ) along Access Road A	68	35	02-Jan-15 A	11-Apr-15	4					Pipe laying - DN2300 Watermains (CHJ) along Access Road A	
TWSRE-4040A*	Pipe laying - DN600 & DN1200 Watermains (CHB & CHC) along Access Road A	40	40	29-Apr-15	16-Jun-15	38						
Stage 1C - Viaduct Structure & TCSS Civil Provisions (KD-9)												
Preliminaries												
B-5010	Provide a Temporary Cycle Track (Scheme 2, along DSD maintenance access)	28	2	05-Feb-15 A	27-Feb-15	33					Provide a Temporary Cycle Track (Scheme 2, along DSD maintenance access), Provide a Temporary Cycle Track (Scher	
B-4050	Erection of Catch Fence at Portion FH9 for AB11 and AD12	25	25	26-Feb-15	26-Mar-15	15					Erection of Catch Fence at Portion FH9 for AB11 and AD12	
Foundation & Pier Construction												
Bridge A												
BA-18-1020	Pier AA18 - Pile Cap	30	7	15-Jan-15 A	05-Mar-15	99					Pier AA18 - Pile Cap, Pier AA18 - Pile Cap	
BA-14-1030	Pier AA14 - Pier Construction	31	10	20-Nov-14 A	09-Mar-15	7					Pier AA14 - Pier Construction, Pier AA14 - Pier Construction	
BA-02-1000	Pier AA2W - Piling Works	12	12	28-Feb-15	13-Mar-15	124					Pier AA2W - Piling Works	
BA-04-1020	Pier AA4 - Pile Cap	30	14	04-Feb-15 A	13-Mar-15	53					Pier AA4 - Pile Cap, Pier AA4 - Pile Cap	
BA-13-1030	Pier AA13 - Pier Construction	38	24	06-Nov-14 A	25-Mar-15	7					Pier AA13 - Pier Construction, Pier AA13 - Pier Construction	
BA-02-1010	Pier AA2W - Pile Test	7	7	31-Mar-15	11-Apr-15	124					Pier AA2W - Pile Test	
BA-02-1020A	Pier AA2E - Pile Cap	30	30	06-Mar-15	14-Apr-15	99					Pier AA2E - Pile Cap	
BA-01-1000	Abutment AA1 - Piling Works	24	24	14-Mar-15*	15-Apr-15	187					Abutment AA1 - Piling Works	





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26-Feb-15	Rev.1	SL	

