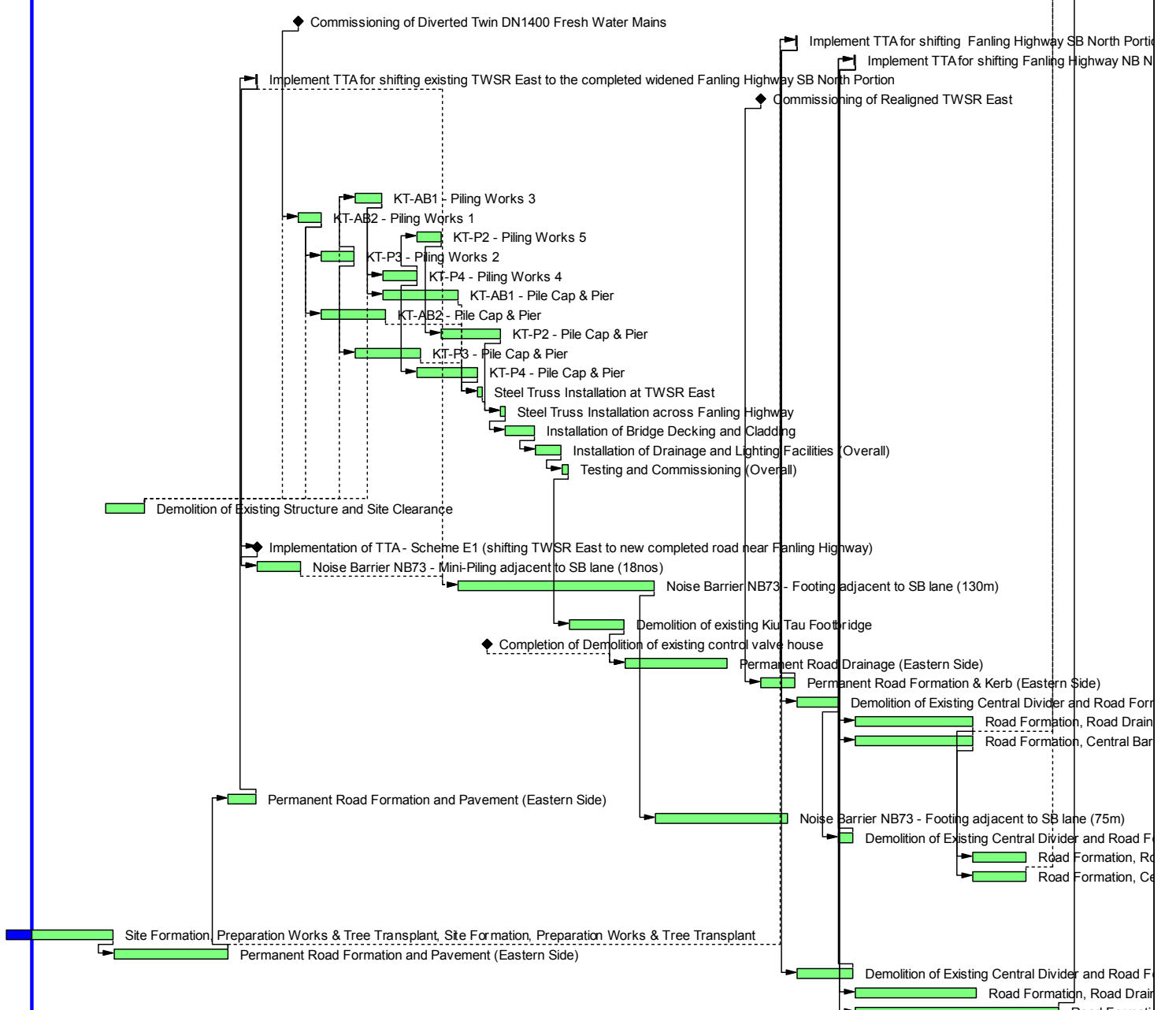


Appendix A Construction Programme

Activity ID	Activity Name	OD	Start	Finish	Total Float	2014				2015				2016				2017				2018													
						A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
CWP - Under Development (Postpone Pipe Jacking)																																			
Key Dates (Forecast)																																			
Major Works																																			
KD-0105	KD1: Complete Section 1A - all HyD's entrustment works in Zone3 and SBZ2 except for landscaping works	0		07-Dec-17	53																					◆	KD1: Complete Section 1A								
KD-0205	KD2: Complete Section 1B - all HyD's entrustment works in NBZ1 except for landscaping works	0		09-Jan-18	234																					◆	KD2: Complete Section 1B								
Major Milestones and Events																																			
MS-0220	Commissioning of Diverted Twin DN1400 Fresh Water Mains	0		14-Nov-14	132																					◆	Commissioning of Diverted Twin DN1400 Fresh Water Mains								
MS-1000A	Implement TTA for shifting Fanling Highway SB North Portion (CH7470-7925) eastward to the completed road near TWSR East	2	07-Dec-16	08-Dec-16	3																					◆	Implement TTA for shifting Fanling Highway SB North Portion								
MS-1000B	Implement TTA for shifting Fanling Highway NB North Portion (CH7470-7925) eastward to the designed alignment	2	06-Mar-17	07-Mar-17	3																					◆	Implement TTA for shifting Fanling Highway NB North Portion								
MS-3000	Implement TTA for shifting existing TWSR East to the completed widened Fanling Highway SB North Portion	2	11-Sep-14	12-Sep-14	7																					◆	Implement TTA for shifting existing TWSR East to the completed widened Fanling Highway SB North Portion								
MS-3010	Commissioning of Realigned TWSR East	0	15-Oct-16		3																					◆	Commissioning of Realigned TWSR East								
Section IA & IB - Fanling Highway Widening (KD-1 & KD-2)																																			
Fanling Highway North Portion between CH7470 and CH7925																																			
Fanling Highway Zone 6 between CH7470 and CH7600 (Provision of Kiu Tau Footbridge)																																			
Kiu Tau Footbridge Reprovision (East)																																			
FHW-5000A	KT-AB1 - Piling Works 3	30	09-Feb-15	21-Mar-15	612																					■	KT-AB1 - Piling Works 3								
FHW-5000B	KT-AB2 - Piling Works 1	30	15-Nov-14	19-Dec-14	132																					■	KT-AB2 - Piling Works 1								
FHW-5000C	KT-P2 - Piling Works 5	30	14-May-15	18-Jun-15	612																					■	KT-P2 - Piling Works 5								
FHW-5000D	KT-P3 - Piling Works 2	40	20-Dec-14	07-Feb-15	612																					■	KT-P3 - Piling Works 2								
FHW-5000E	KT-P4 - Piling Works 4	40	23-Mar-15	13-May-15	612																					■	KT-P4 - Piling Works 4								
FHW-5010A	KT-AB1 - Pile Cap & Pier	90	23-Mar-15	14-Jul-15	660																					■	KT-AB1 - Pile Cap & Pier								
FHW-5010B	KT-AB2 - Pile Cap & Pier	75	20-Dec-14	27-Mar-15	745																					■	KT-AB2 - Pile Cap & Pier								
FHW-5010C	KT-P2 - Pile Cap & Pier	75	19-Jun-15	16-Sep-15	612																					■	KT-P2 - Pile Cap & Pier								
FHW-5010D	KT-P3 - Pile Cap & Pier	75	09-Feb-15	19-May-15	705																					■	KT-P3 - Pile Cap & Pier								
FHW-5010E	KT-P4 - Pile Cap & Pier	75	14-May-15	12-Aug-15	635																					■	KT-P4 - Pile Cap & Pier								
FHW-5020	Steel Truss Installation at TWSR East	7	13-Aug-15	20-Aug-15	635																					■	Steel Truss Installation at TWSR East								
FHW-5030	Steel Truss Installation across Fanling Highway	7	17-Sep-15	24-Sep-15	612																					■	Steel Truss Installation across Fanling Highway								
FHW-5040	Installation of Bridge Decking and Cladding	35	25-Sep-15	07-Nov-15	612																					■	Installation of Bridge Decking and Cladding								
FHW-5050	Installation of Drainage and Lighting Facilities (Overall)	35	09-Nov-15	18-Dec-15	612																					■	Installation of Drainage and Lighting Facilities (Overall)								
FHW-5060	Testing and Commissioning (Overall)	7	19-Dec-15	29-Dec-15	612																					■	Testing and Commissioning (Overall)								
At-Grade Road Works (130m)																																			
FHW-5100	Demolition of Existing Structure and Site Clearance	45	27-Jan-14	26-Mar-14	135																					■	Demolition of Existing Structure and Site Clearance								
FHW-5110*	Pipe Laying & Connection - Twin DN1400 Watermains (CHE & CHG) adjacent to existing TWSRE (90m, 9m depth)	186	31-Mar-14	14-Nov-14	132																					■	Pipe Laying & Connection - Twin DN1400 Watermains (CHE & CHG) adjacent to existing TWSRE (90m, 9m depth)								
FHW-5120	Implementation of TTA - Scheme E1 (shifting TWSR East to new completed road near Fanling Highway)	0	13-Sep-14		573																					◆	Implementation of TTA - Scheme E1 (shifting TWSR East to new completed road near Fanling Highway)								
FHW-5130	Noise Barrier NB73 - Mini-Piling adjacent to SB lane (18nos)	54	13-Sep-14	17-Nov-14	573																					■	Noise Barrier NB73 - Mini-Piling adjacent to SB lane (18nos)								
FHW-5140	Noise Barrier NB73 - Footing adjacent to SB lane (130m)	240	14-Jul-15	07-May-16	332																					■	Noise Barrier NB73 - Footing adjacent to SB lane (130m)								
FHW-5150*	Pipe Laying - DN1200 & DN600 Watermains (CHB & CHC) along existing TWSRE (120m long, 3m depth)	240	04-Sep-15	02-Jul-16	373																					■	Pipe Laying - DN1200 & DN600 Watermains (CHB & CHC) along existing TWSRE (120m long, 3m depth)								
FHW-5160	Demolition of existing Kiu Tau Footbridge	65	30-Dec-15	22-Mar-16	885																					■	Demolition of existing Kiu Tau Footbridge								
FHW-5170	Completion of Demolition of existing control valve house	0		28-Aug-15	1050																					◆	Completion of Demolition of existing control valve house								
FHW-5180	Permanent Road Drainage (Eastern Side)	125	23-Mar-16	24-Aug-16	885																					■	Permanent Road Drainage (Eastern Side)								
FHW-5190	Permanent Road Formation & Kerb (Eastern Side)	45	15-Oct-16	06-Dec-16	3																					■	Permanent Road Formation & Kerb (Eastern Side)								
FHW-5200	Demolition of Existing Central Divider and Road Formation (Middle Part, Pavement Only)	45	09-Dec-16	09-Feb-17	3																					■	Demolition of Existing Central Divider and Road Formation (Middle Part, Pavement Only)								
FHW-5300	Road Formation, Road Drainage, Kerb, Noise Barrier (Western Side)	145	08-Mar-17	01-Sep-17	520																					■	Road Formation, Road Drainage, Kerb, Noise Barrier (Western Side)								
FHW-5400	Road Formation, Central Barrier (Remaining Works at Middle Part)	145	08-Mar-17	01-Sep-17	57																					■	Road Formation, Central Barrier (Remaining Works at Middle Part)								
Fanling Highway Zone 7 between CH7600 and CH7660 (Existing Vehicular Bridge)																																			
At-Grade Roadworks (60m)																																			
FHW-6100	Permanent Road Formation and Pavement (Eastern Side)	35	31-Jul-14	10-Sep-14	7																					■	Permanent Road Formation and Pavement (Eastern Side)								
FHW-6110	Noise Barrier NB73 - Footing adjacent to SB lane (75m)	166	09-May-16	24-Nov-16	332																					■	Noise Barrier NB73 - Footing adjacent to SB lane (75m)								
FHW-6200	Demolition of Existing Central Divider and Road Formation (Middle Part, Pavement Only)	20	10-Feb-17	04-Mar-17	3																					■	Demolition of Existing Central Divider and Road Formation (Middle Part, Pavement Only)								
FHW-6300	Road Formation, Road Drainage, Kerb (Western Side)	65	02-Sep-17	20-Nov-17	520																					■	Road Formation, Road Drainage, Kerb (Western Side)								
FHW-6400	Road Formation, Central Barrier (Remaining Works at Middle Part)	65	02-Sep-17	20-Nov-17	57																					■	Road Formation, Central Barrier (Remaining Works at Middle Part)								
Fanling Highway Zone 8 between CH7660 and CH7925																																			
At-Grade Roadworks (265m)																																			
FHW-7100	Site Formation, Preparation Works & Tree Transplant	127	30-Aug-13 A	07-Feb-14	7																					■	Site Formation, Preparation Works & Tree Transplant								
FHW-7110	Permanent Road Formation and Pavement (Eastern Side)	140	08-Feb-14	30-Jul-14	7																					■	Permanent Road Formation and Pavement (Eastern Side)								
FHW-7200	Demolition of Existing Central Divider and Road Formation (Middle Part, Pavement Only)	65	09-Dec-16	04-Mar-17	3																					■	Demolition of Existing Central Divider and Road Formation (Middle Part, Pavement Only)								
FHW-7300	Road Formation, Road Drainage, Kerb (Western Side)	150	08-Mar-17	07-Sep-17	3																					■	Road Formation, Road Drainage, Kerb (Western Side)								
FHW-7400	Road Formation, Central Barrier (Remaining Works at Middle Part)	250	08-Mar-17	09-Jan-18	187																					■	Road Formation, Central Barrier (Remaining Works at Middle Part)								




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- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

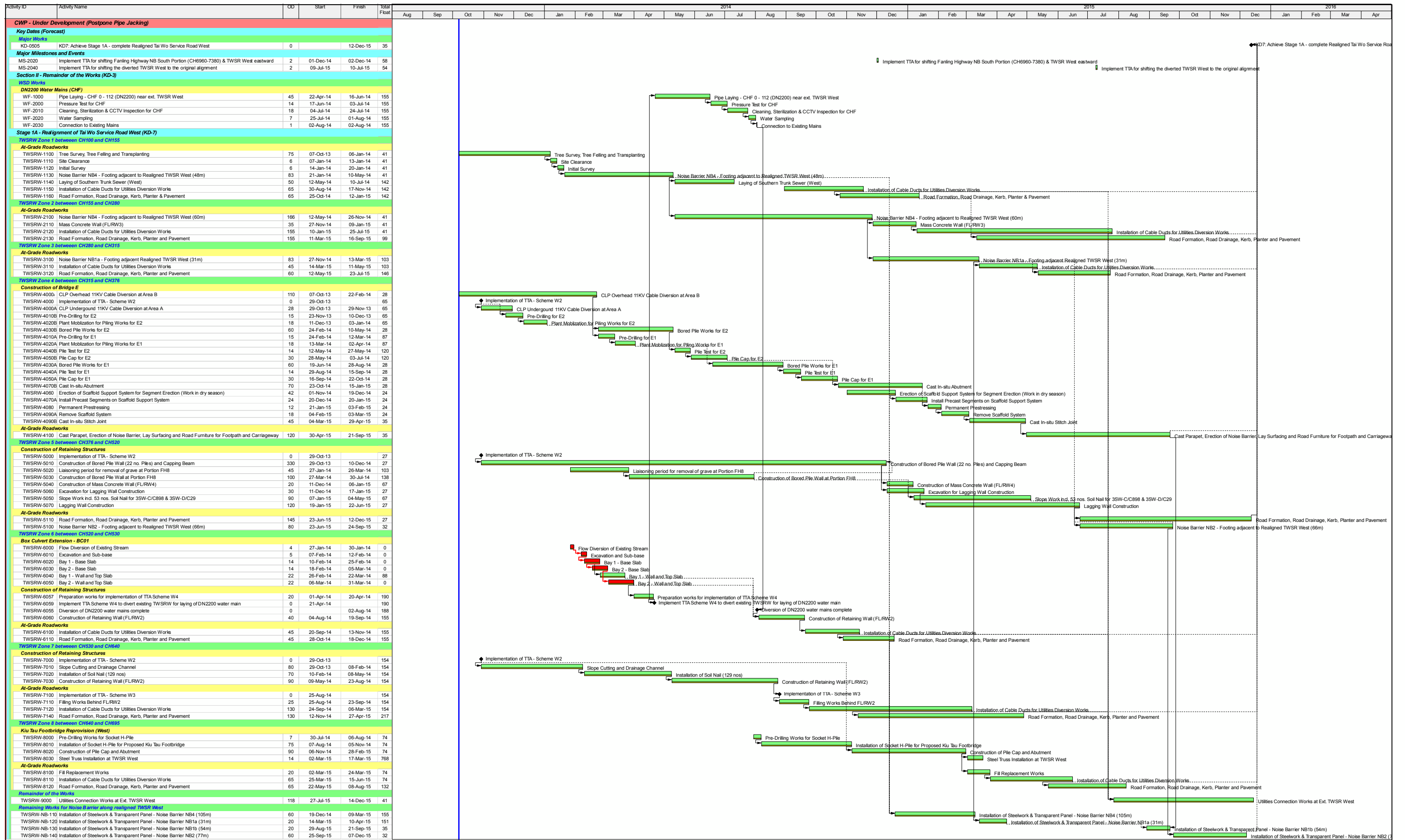
CEDD Contract No. CV/2012/09

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

Works Sequence for Fanling Highway North Portion

CWP004-1 _____ Page 1 of 1 _____ 11-Oct-13

Date	Revision	Checked	Approved
11-Oct-13		SL	




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

CEDD Contract No. CV/2012/09
Liantang / Heung Yuen Wai BCP - Site Formation & Infrastructure Works, Contract 3
Works Sequence for TWSRW

Date	Revision	Checked	Approved
11-Sep-13		SL	