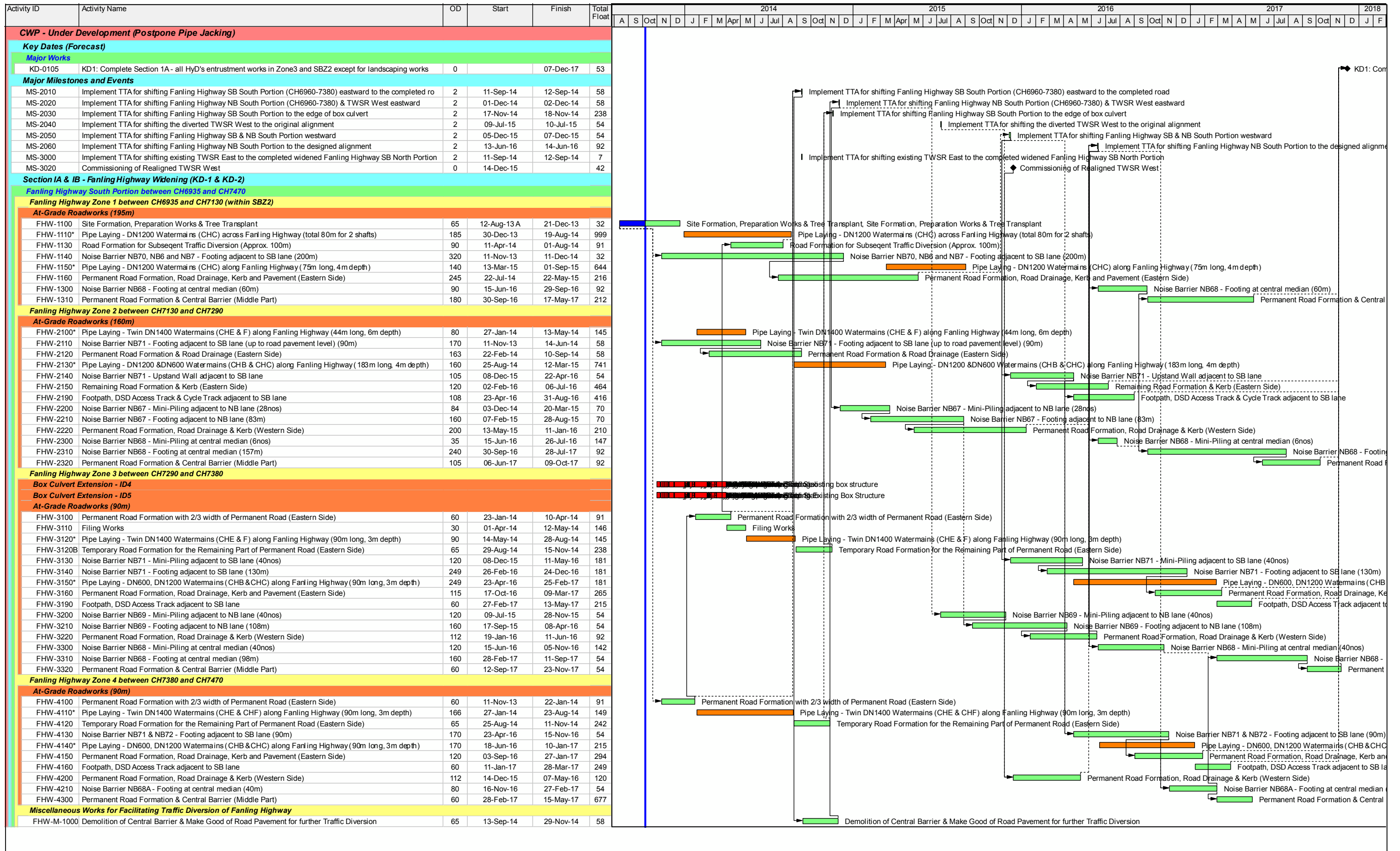


# Appendix A

# Construction Programme





**俊和建築工程有限公司**  
**CHUN WO CONSTRUCTION & ENGINEERING CO., LTD.**

█ Actual Work  
█ Remaining Work  
█ Summary Bar  
█ Critical Remaining Work  
◆ Milestone

**CEDD Contract No. CV/2012/09**

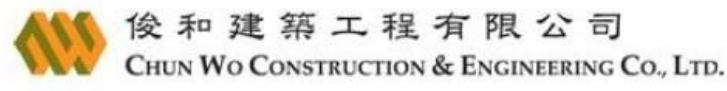
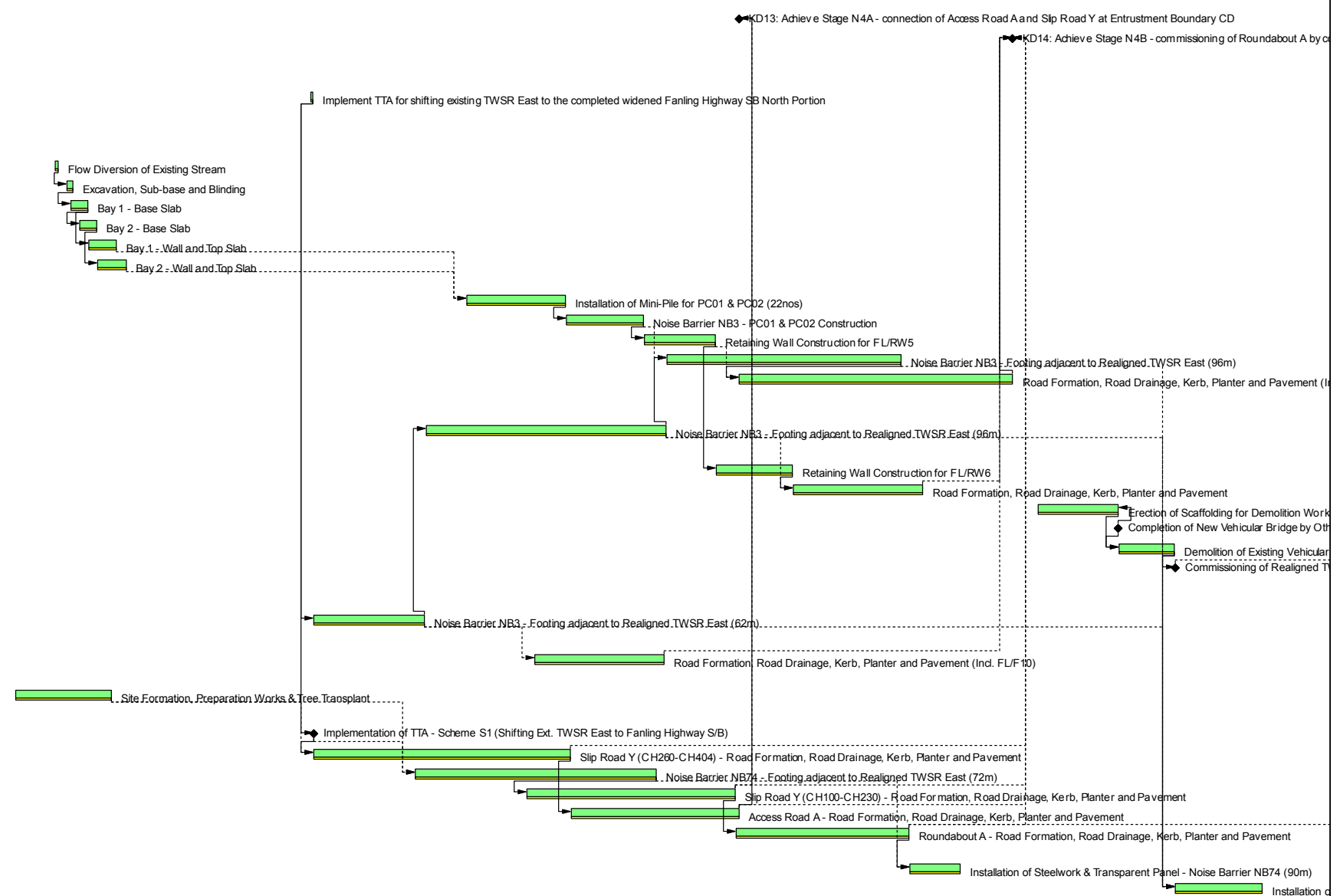
**Liantang / Heung Yuen Wai BCP - Site Formation & Infrastructure Works, Contract 3**

**Works Sequence for Fanling Highway South Portion**

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

Date	Revision	Checked	Approved
11-Oct-13		SL	

Activity ID	Activity Name	OD	Start	Finish	Total Float	2014												2015												2016												2017	
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb									
<b>CWP - Under Development (Postpone Pipe Jacking)</b>																																											
<b>Key Dates (Forecast)</b>																																											
<b>Major Works</b>																																											
KD-0905	KD13: Achieve Stage N4A - connection of Access Road A and Slip Road Y at Entrustment Boundary CD	0		25-Sep-15	36																																						
KD-1005	KD14: Achieve Stage N4B - commissioning of Roundabout A by connecting to Slip Rd Y, Access Rd A & th	0		24-May-16	8																																						
KD-0205	KD2: Complete Section 1B - all HyD's entrustment works in NBZ1 except for landscaping works	0		09-Jan-18	234																																						
<b>Major Milestones and Events</b>																																											
MS-3000	Implement TTA for shifting existing TWSR East to the completed widened Fanling Highway SB North Porti	2	11-Sep-14	12-Sep-14	7																																						
<b>Stage N4A &amp; N4B - Realignment of Tai Wo Service Road East (KD-13 &amp; KD-14)</b>																																											
<b>TWSRE Zone 1 between CH100 and CH270</b>																																											
<b>Box Culvert Extension - BC02</b>																																											
TWSRE-1000	Flow Diversion of Existing Stream	4	27-Jan-14	30-Jan-14	95																																						
TWSRE-1010	Excavation, Sub-base and Blinding	5	07-Feb-14	12-Feb-14	95																																						
TWSRE-1020	Bay 1 - Base Slab	14	10-Feb-14	25-Feb-14	95																																						
TWSRE-1030	Bay 2 - Base Slab	14	18-Feb-14	05-Mar-14	95																																						
TWSRE-1040	Bay 1 - Wall and Top Slab	22	26-Feb-14	22-Mar-14	102																																						
TWSRE-1050	Bay 2 - Wall and Top Slab	22	06-Mar-14	31-Mar-14	95																																						
<b>At-Grade Roadworks</b>																																											
TWSRE-1100	Installation of Mini-Pile for PC01 & PC02 (22nos)	66	27-Jan-15	24-Apr-15	24																																						
TWSRE-1110	Noise Barrier NB3 - PC01 & PC02 Construction	55	25-Apr-15	02-Jul-15	24																																						
TWSRE-1130	Retaining Wall Construction for FL/RW5	55	03-Jul-15	04-Sep-15	24																																						
TWSRE-1120	Noise Barrier NB3 - Footing adjacent to Realigned TWSR East (96m)	166	23-Jul-15	15-Feb-16	7																																						
TWSRE-1160	Road Formation, Road Drainage, Kerb, Planter and Pavement (Incl. FL/F8A, FL/F9)	190	25-Sep-15	24-May-16	7																																						
<b>TWSRE Zone 2 between CH270 and CH380</b>																																											
<b>At-Grade Roadworks</b>																																											
TWSRE-2010	Noise Barrier NB3 - Footing adjacent to Realigned TWSR East (96m)	166	22-Dec-14	22-Jul-15	7																																						
TWSRE-2020*	Pipe laying - DN600, DN1400 & DN1200 Watermains (CHB, CHK & CHC) along Realigned TWSR East	172	20-Mar-15	17-Oct-15	89																																						
TWSRE-2020	Retaining Wall Construction for FL/RW6	55	05-Sep-15	11-Nov-15	69																																						
TWSRE-2030	Road Formation, Road Drainage, Kerb, Planter and Pavement	90	12-Nov-15	05-Mar-16	69																																						
TWSRE-2050	Erection of Scaffolding for Demolition Works	60	16-Jun-16	25-Aug-16	3																																						
TWSRE-2040	Completion of New Vehicular Bridge by Other Contractor	0		25-Aug-16	3																																						
TWSRE-2060	Demolition of Existing Vehicular Bridge	40	26-Aug-16	14-Oct-16	3																																						
TWSRE-2070	Commissioning of Realigned TWSR East	0	15-Oct-16		3																																						
<b>TWSRE Zone 3 between CH380 and CH456</b>																																											
<b>At-Grade Roadworks</b>																																											
TWSRE-3010	Noise Barrier NB3 - Footing adjacent to Realigned TWSR East (62m)	83	13-Sep-14	20-Dec-14	7																																						
TWSRE-3020*	Pipe Laying - DN600 & DN1200 Watermains (CHB & CHC) along Realigned TWSR East	53	19-Jan-15	27-Mar-15	75																																						
TWSRE-3030	Road Formation, Road Drainage, Kerb, Planter and Pavement (Incl. FL/F10)	90	28-Mar-15	20-Jul-15	254																																						
<b>Roundabout A, Slip Road and Access Road</b>																																											
TWSRE-4000	Site Formation, Preparation Works & Tree Transplant	65	23-Dec-13	18-Mar-14	172																																						
TWSRE-4050*	Pipe laying - DN600, DN1200 & DN2300 Watermains (CHB, CHC & CHJ) along Access Road A & Round	111	13-Sep-14	26-Jan-15	75																																						
TWSRE-4010	Implementation of TTA - Scheme S1 (Shifting Ext. TWSR East to Fanling Highway S/B)	0	13-Sep-14		28																																						
TWSRE-4020	Slip Road Y (CH260-CH404) - Road Formation, Road Drainage, Kerb, Planter and Pavement	180	13-Sep-14	28-Apr-15	28																																						
TWSRE-4030	Noise Barrier NB74 - Footing adjacent to Realigned TWSR East (72m)	166	12-Dec-14	13-Jul-15	32																																						
TWSRE-4040	Slip Road Y (CH100-CH230) - Road Formation, Road Drainage, Kerb, Planter and Pavement	150	21-Mar-15	21-Sep-15	32																																						
TWSRE-4060	Access Road A - Road Formation, Road Drainage, Kerb, Planter and Pavement	125	29-Apr-15	25-Sep-15	28																																						
TWSRE-4070	Roundabout A - Road Formation, Road Drainage, Kerb, Planter and Pavement	120	22-Sep-15	22-Feb-16	80																																						
<b>Remaining Works for Noise Barrier along realigned TWSR East</b>																																											
TWSRE-NB-110	Installation of Steelwork & Transparent Panel - Noise Barrier NB74 (90m)	35	23-Feb-16	07-Apr-16	537																																						
TWSRE-NB-120	Installation of Steelwork & Transparent Panel - Noise Barrier NB3 (254m)	65	15-Oct-16	31-Dec-16	316																																						



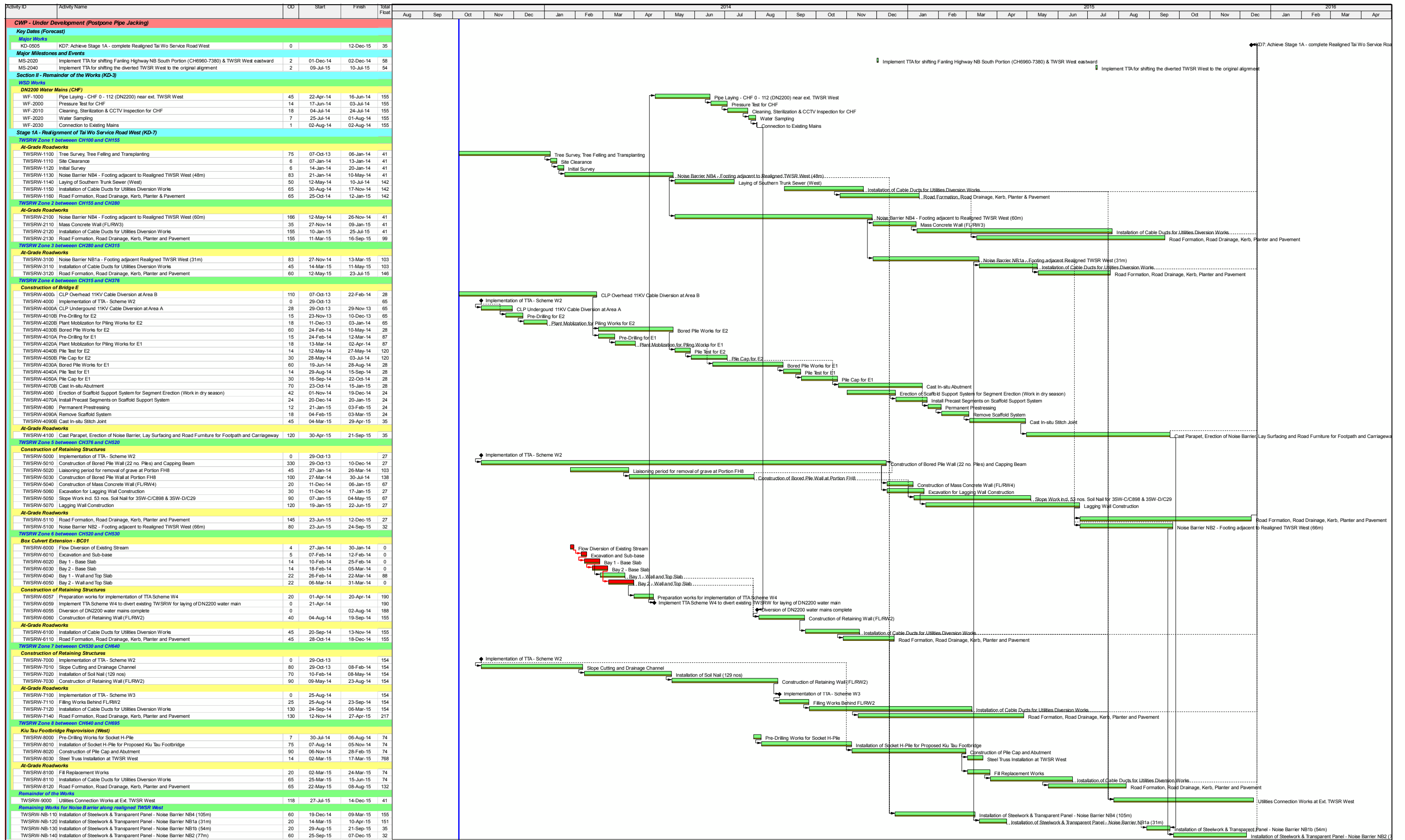
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Project Baseline Bar

**CEDD Contract No. CV/2012/09**

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

**Works Sequence for TWSRE**

Date	Revision	Checked	Approved
11-Oct-13		SL	



**俊和建築工程有限公司**  
**CHUN WO CONSTRUCTION & ENGINEERING CO., LTD.**

- █ 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	