

- ◆ Milestone
- ◆ Critical Milestones
- █ Current Works
- █ Critical Works
- █ Remaining Level of...

**CHUN WO - CRGL
JOINT VENTURE**

**CEDD CONTRACT NO. HK/2009/02
WD II - Central Wanchai Bypass at Wan Chai East (Contract 2)
3-MONTH ROLLING PROGRAMME (data date 07-Sep-18)**

Date	Revision	Checked	Approved

Activity ID	Activity Name	On Dur	Rem Dur	Scheduled /Actual Start	Scheduled / Actual Finish	Total Float	Calendar	2018																	
								August			September			October			November								
								05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	02
REINSTATE BAY 12 SEAWALL																									
A1540	INSTALL SEAWALL	30	30	30-Nov-18	30-Dec-18	15	7-Day Workweek-1																		
HELIPAD																									
A1600	DISMANTLE OLD SEAWALL BLOCK AND EXCAVATE	14	14	01-Nov-18	14-Nov-18	14	7-Day Workweek-1																		
A1610	ROCKFILL G400	3	3	15-Nov-18	17-Nov-18	14	7-Day Workweek-1																		
A1620	LEVELLING	3	3	18-Nov-18	20-Nov-18	14	7-Day Workweek-1																		
A1630	1ST LAYER OF SEAWALL BLOCK	3	3	21-Nov-18	23-Nov-18	14	7-Day Workweek-1																		
A1640	2ND LAYER	3	3	24-Nov-18	26-Nov-18	14	7-Day Workweek-1																		
A1650	3RD LAYER	4	4	27-Nov-18	30-Nov-18	14	7-Day Workweek-1																		
A1660	4TH LAYER	3	3	01-Dec-18	03-Dec-18	14	7-Day Workweek-1																		
A1670	5TH LAYER	3	3	04-Dec-18	06-Dec-18	14	7-Day Workweek-1																		
COPING																									
WITHIN D-WALL (TYPE 7)																									
A1780	BAY 1 LOWER	14	14	07-Sep-18*	20-Sep-18	56	7-Day Workweek-1																		
A1790	BAY 2 LOWER	13	13	21-Sep-18	03-Oct-18	56	7-Day Workweek-1																		
A1800	BAY 1 UPPER	7	7	04-Oct-18	10-Oct-18	56	7-Day Workweek-1																		
A1810	BAY 2 UPPER	7	7	11-Oct-18	17-Oct-18	56	7-Day Workweek-1																		
EAST SIDE COPING																									
A1830	EAST COPING	31	31	17-Nov-18	17-Dec-18	39	7-Day Workweek-1																		
BOX-O																									
ARRIVAL OF PRECAST UNIT FOR BAY 12																									
A1840	ARRIVAL OF PRECAST UNIT FOR BAY 12	1	1	07-Sep-18*	07-Sep-18	62	7-Day Workweek-1																		
INSTALLATION OF PRECAST UNIT																									
A1850	INSTALLATION OF PRECAST UNITS	19	19	25-Oct-18	13-Nov-18	15	7-Day Workweek-1																		
A1860	BAY 1 FIX REBAR	2	2	01-Nov-18	03-Nov-18	15	7-Day Workweek-1																		
A1870	BAY 1 CONCRETE	1	1	03-Nov-18	04-Nov-18	15	7-Day Workweek-1																		
A1880	BAY 2 FIX REBAR	2	2	06-Nov-18	08-Nov-18	15	7-Day Workweek-1																		
A1890	BAY 2 CONCRETE	1	1	08-Nov-18	09-Nov-18	15	7-Day Workweek-1																		
A1900	BAY 3 FIX REBAR	2	2	13-Nov-18	15-Nov-18	15	7-Day Workweek-1																		
A1910	BAY 3 CONCRETE	1	1	15-Nov-18	16-Nov-18	15	7-Day Workweek-1																		
A1920	CLEAN UP, W/P AND B/F	13	13	17-Nov-18	30-Nov-18	15	7-Day Workweek-1																		
CONSTRUCTION OF BAY 12																									
REMOVAL OF BULKHEAD																									
A1930	BAY 19 STEEL BULKHEAD	2	0	01-Sep-18 A	05-Sep-18 A		7-Day Workweek-1																		
A1940	BAY 13 CONCRETE BULKHEAD	5	1	04-Sep-18 A	08-Sep-18	15	7-Day Workweek-1																		
A1950	CONSTRUCTION OF EARTH PLATFORM	6	6	08-Sep-18	14-Sep-18	15	7-Day Workweek-1																		
PIPE PILING AND GROUTING																									
A1960	WEST SIDE PIPE PILING	10	3	01-Aug-18 A	09-Sep-18	17	7-Day Workweek-1																		
A1970	WEST SIDE GROUTING	22	15	21-Aug-18 A	22-Sep-18	146	7-Day Workweek-1																		
A1980	EAST SIDE PIPE PILING	13	13	11-Sep-18	24-Sep-18	15	7-Day Workweek-1																		
A1990	EAST SIDE GROUTING	11	11	20-Sep-18	01-Oct-18	15	7-Day Workweek-1																		
EXCAVATION AND ELS																									
A2000	DEMOLISH OLD CULVERT, CUT STEEL PILE AND INSTALL ELS	10	10	21-Sep-18	01-Oct-18	15	7-Day Workweek-1																		
A2010	EXCAVATE TP -2.9mPD	8	8	01-Oct-18	09-Oct-18	15	7-Day Workweek-1																		
A2020	B/F G200 & ELS	8	8	09-Oct-18	17-Oct-18	15	7-Day Workweek-1																		
A2030	TAMPING	2	2	17-Oct-18	19-Oct-18	15	7-Day Workweek-1																		
A2040	LEVELLING	5	5	19-Oct-18	24-Oct-18	15	7-Day Workweek-1																		
HUNG HING ROAD																									
REMOVAL OF D-WALL TO +1.5mPD																									
A2050	ZONE A	21	0	13-Jul-18 A	25-Aug-18 A		7-Day Workweek-1																		
A2060	ZONE B	16	5	01-Sep-18 A	11-Sep-18	110	7-Day Workweek-1																		
A2070	ZONE C	14	14	17-Nov-18	30-Nov-18	44	7-Day Workweek-1																		
BACKFILLING																									
A2090	ZONE A	5	0	17-Aug-18 A	30-Aug-18 A		7-Day Workweek-1																		
A2100	ZONE B	7	7	11-Sep-18	18-Sep-18	149	7-Day Workweek-1																		

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JOINT VENTURE**

**CEDD CONTRACT NO. HK/2009/02
WD II - Central Wanchai Bypass at Wan Chai East (Contract 2)
3-MONTH ROLLING PROGRAMME (data date 07-Sep-18)**

Date	Revision	Checked	Approved

Activity ID	Activity Name	On Dur	Rem Dur	Scheduled /Actual Start	Scheduled /Actual Finish	Total Float	Calendar	2018																	
								August			September			October			November								
A2110	ZONE C	5	5	01-Dec-18	05-Dec-18	71	7-Day Workweek-1																		
MANHOLE																									
A2130	MH7352A	8	6	05-Sep-18 A	12-Sep-18	106	7-Day Workweek-1																		
A2140	MH7354&7355	10	7	05-Sep-18 A	19-Sep-18	106	7-Day Workweek-1																		
A2150	MH7341	9	9	19-Sep-18	28-Sep-18	106	7-Day Workweek-1																		
DRAOMAGE																									
CH3730-3760																									
A2200	375MM DRAIN FROM SMH7354 TO BOX	16	0	31-Jul-18 A	18-Aug-18 A		7-Day Workweek-1																		
A2210	375M SMH7355 TO 7354	13	4	20-Aug-18 A	10-Sep-18	16	7-Day Workweek-1																		
A2220	300MM SMH734F1 TO 7355	11	10	03-Sep-18 A	21-Sep-18	16	7-Day Workweek-1																		
A2230	BACKFILLING	13	13	21-Sep-18	04-Oct-18	16	7-Day Workweek-1																		
A2240	AIR TEST AND CCTV	3	3	04-Oct-18	07-Oct-18	16	7-Day Workweek-1																		
BCO																									
A2250	600MM DRAIN SMH7352A TO BOX	11	0	30-Jul-18 A	09-Aug-18 A		7-Day Workweek-1																		
A2260	BAY 12 (1200MM TO BOX)	8	8	07-Nov-18	15-Nov-18	22	7-Day Workweek-1																		
A2270	BAY 12 TO 14 GULLUES AND 225 DRAIN	12	12	24-Nov-18	06-Dec-18	22	7-Day Workweek-1																		
CH3730-3760 REMAINING																									
A2280	300MM DRAIN SMH7341 TO 7353	9	9	06-Dec-18	15-Dec-18	22	7-Day Workweek-1																		
ROADWORK																									
HHR																									
A2390	ROAD FORMATION	12	12	30-Sep-18	12-Oct-18	16	7-Day Workweek-1																		
A2400	TESTING	10	10	12-Oct-18	22-Oct-18	16	7-Day Workweek-1																		
A2410	KERB	8	8	22-Oct-18	30-Oct-18	16	7-Day Workweek-1																		
A2420	SUB-BASE	12	12	30-Oct-18	11-Nov-18	16	7-Day Workweek-1																		
A2430	TEST	8	8	11-Nov-18	19-Nov-18	16	7-Day Workweek-1																		
A2440	ROAD FORMATION	3	3	19-Nov-18	22-Nov-18	16	7-Day Workweek-1																		
A2450	TEST AND SUB-BASE	11	11	22-Nov-18	03-Dec-18	16	7-Day Workweek-1																		
A2460	ROAD FURNITURE	14	14	28-Nov-18	12-Dec-18	16	7-Day Workweek-1																		
A2470	BLACK TOP	9	9	03-Dec-18	12-Dec-18	16	7-Day Workweek-1																		
600mm Sewere																									
FIRST STAGE																									
A2500	600MM SEWER	5	1	26-Jul-18 A	07-Sep-18	97	7-Day Workweek-1																		
A2510	B/F	5	5	08-Sep-18	12-Sep-18	97	7-Day Workweek-1																		
A2520	SUB-BASE	9	9	13-Sep-18	21-Sep-18	97	7-Day Workweek-1																		
A2530	BLACKTOP	2	2	22-Sep-18	23-Sep-18	97	7-Day Workweek-1																		
A2540	TTA	1	1	24-Sep-18	24-Sep-18	97	7-Day Workweek-1																		
SECOND STAGE																									
A2550	600MM SEWER	12	12	25-Sep-18	06-Oct-18	97	7-Day Workweek-1																		
A2560	B/F	5	5	07-Oct-18	11-Oct-18	97	7-Day Workweek-1																		
A2570	SUB-BASE	9	9	12-Oct-18	20-Oct-18	97	7-Day Workweek-1																		
A2580	BLACKTOP	2	2	21-Oct-18	22-Oct-18	97	7-Day Workweek-1																		
A2590	TTA	1	1	23-Oct-18	23-Oct-18	97	7-Day Workweek-1																		
FINAL STAGE																									
A2600	600MM SEWER mh4.13 TO 4.15 TO 4.17	11	11	24-Oct-18	03-Nov-18	97	7-Day Workweek-1																		
A2610	AIR TEST	1	1	04-Nov-18	04-Nov-18	97	7-Day Workweek-1																		
A2620	b/f	3	3	05-Nov-18	07-Nov-18	97	7-Day Workweek-1																		
A2630	AIR TEST AND CCTV	2	2	08-Nov-18	09-Nov-18	97	7-Day Workweek-1																		
EXPO DRIVE, WCR1 & WCR3 REMAINING WORKS																									
A2650	CMS INSTALLATION	11	1	28-Jul-18 A	08-Sep-18	101	7-Day Workweek-1																		
A2660	WCR1 U CHANNELS	50	50	07-Sep-18*	26-Oct-18	52	7-Day Workweek-1																		
A2670	EXPO DRIVE COVER REMEDIAL	46	23	15-Aug-18 A	29-Sep-18	123	7-Day Workweek-1																		
A2680	EXPO DRIVE COPING	28	28	17-Sep-18	14-Oct-18	123	7-Day Workweek-1																		
A2690	WCR1 EVA	59	59	01-Nov-18*	29-Dec-18	47	7-Day Workweek-1																		
A2700	WCR3 SUB-BASE	24	24	17-Nov-18*	10-Dec-18	61	7-Day Workweek-1																		
A2710	REPAIR COPING	11	11	29-Nov-18*	09-Dec-18	67	7-Day Workweek-1																		

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WD II - Central Wanchai Bypass at Wan Chai East (Contract 2)
3-MONTH ROLLING PROGRAMME (data date 07-Sep-18)**

Date	Revision	Checked	Approved

Activity ID	Activity Name	On Dur	Rem Dur	Scheduled /Actual Start	Scheduled / Actual Finish	Total Float	Calendar	2018																	
								August				September				October				November					
								05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	02
A2720	WCR1&3 ARMOUR SLOPE PROFILE	31	31	01-Dec-18*	31-Dec-18	45	7-Day Workweek-1																		
A2740	REINSTATE WCR3 EXIT	23	23	24-Sep-18*	16-Oct-18	121	7-Day Workweek-1																		
A2750	WCR3 FENCING	23	23	09-Nov-18*	01-Dec-18	75	7-Day Workweek-1																		

<ul style="list-style-type: none"> ◆ ◆ Milestone ◆ ◆ Critical Milestones Current Works Critical Works Remaining Level of... 	<p>CHUN WO - CRGL JOINT VENTURE</p>	<p>CEDD CONTRACT NO. HK/2009/02 WD II - Central Wanchai Bypass at Wan Chai East (Contract 2) 3-MONTH ROLLING PROGRAMME (data date 07-Sep-18)</p>	Date	Revision	Checked	Approved

**CEDD Contract No. HK/2012/08
Wan Chai Development Phase II
Central - Wan Chai Bypass at Wan Chai West**

Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Activity % Complete	2018												2019							
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
HK/2012/08 Revised Works Programme Rev.12.0(DD 20 November 2017)																									
Key Dates and Milestone Dates																									
Sections of Works Completion (Included Not Granted EOT Entitlement of The Contractor)																									
KD10840	Completion of Section IIIA	0		08-Sep-18*	0%																				
KD10860	Completion of Section IV	0		30-Aug-18*	0%																				
KD10880	Completion of Section V	0		26-Sep-18*	0%																				
KD11010	Completion of Section VII	0		14-Sep-18*	0%																				
KD11020	Completion of Section VIII	0		21-Sep-18*	0%																				
KD11040	Completion of Section IX	0		21-Sep-19*	0%																				
KD11060	Completion of Section X	0		21-Sep-18*	0%																				
Planned Sections of Works Completion																									
KD10080	Planned Section IIIA Completion - Road A2,A4, A5	0		08-Sep-18	0%																				
KD10100	Planned Section IV Completion - Slip Road 3	0		30-Aug-18	0%																				
KD10140	Planned Section V Completion - Remaining At-Grade Road	0		26-Sep-18	0%																				
KD10280	Planned Section VII Completion - Remainder Works	0		14-Sep-18	0%																				
KD10300	Planned Section VIII Completion - Landscape Softwork	0		21-Sep-18	0%																				
KD10320	Planned Section IX Completion - Establishment Works	0		21-Sep-19	0%																				
KD10340	Planned Section X Completion - Tree Protection & Preservation	0		21-Sep-18	0%																				
Dredging and Reclamation																									
Marine Work Construction																									
Zone CRIII																									
Seawall Construction - Zone CRIII																									
Zone CRIII Seawall- 2nd Stage																									
Seawall 2 & 12																									
MAR21371	Zone CRIII - seawall 2 & 12 - Backfilling remaining portion (type A, geotextile and filter)	0	19-Jan-18 A	27-Jan-18 A	100%	■																			
Zone D																									
Seawall Construction - Zone D																									
Seawall 10 & 11																									
MAR20630	Zone D - Seawall 10 & 11: Install remaining seawall block	14	20-Feb-18*	05-Mar-18	0%		■																		
MAR20650	Zone D - Seawall 10 & 11: Backfill Type A	7	06-Mar-18	12-Mar-18	0%			■																	
MAR20670	Zone D - Seawall 10 & 11: Lay geotextile and filter	7	13-Mar-18	19-Mar-18	0%			■																	
Works for Section Completion																									
Construction																									
Section III A - Road A2, A4 & A5																									
Roadwork & Utilities - Section 1 (L1806 - L1801)																									

Data Date: 20-Feb-18

- ◆ Current Milestone
- Actual Work
- Critical Remaining Work
- Remaining Work
- Remaining Level of Effort

**Updated Works Programme Rev.12
(Ref. to Rev.12 as of 20 February 2018)**

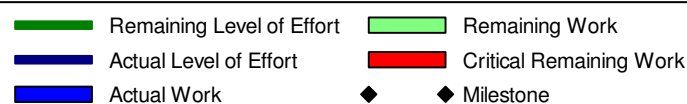
Date	Revision	Checked	Approved
20-Feb-18	12		

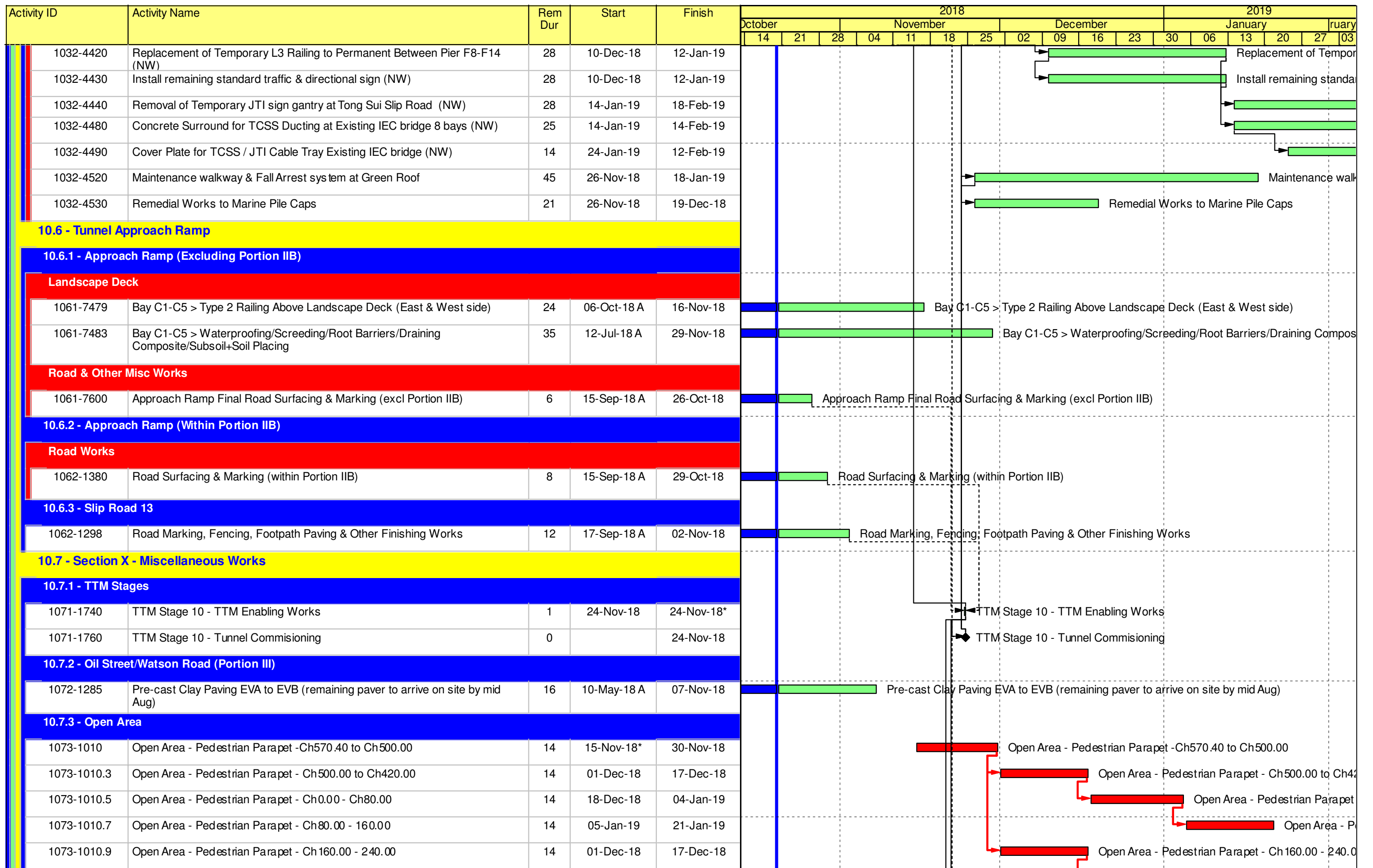
CEDD Contract No. HK/2012/08
Wan Chai Development Phase II
Central - Wan Chai Bypass at Wan Chai West

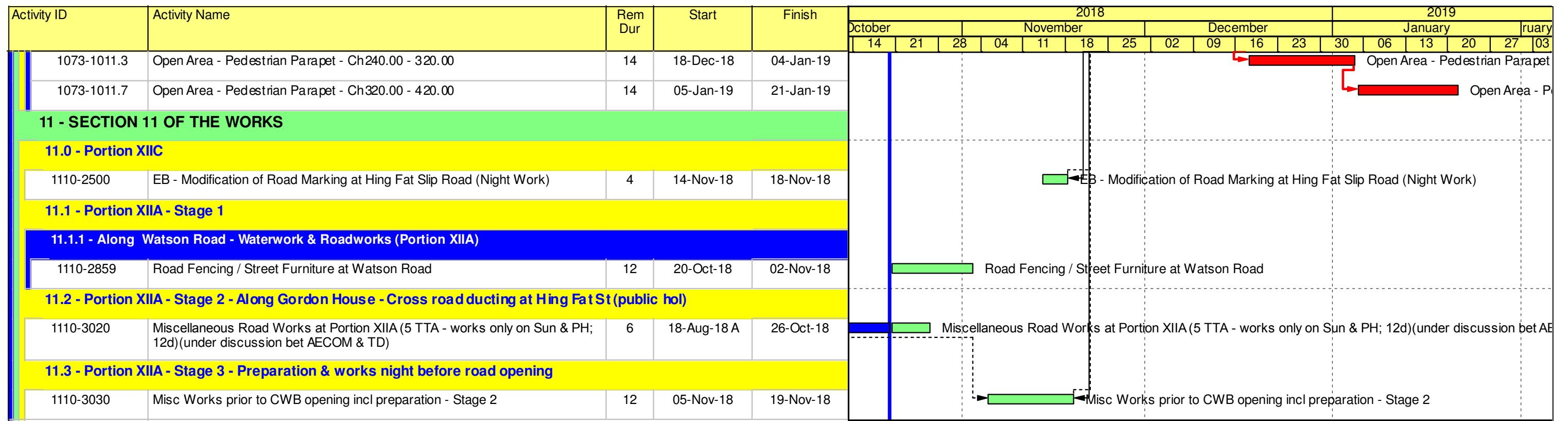
Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Activity % Complete	2018												2019											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
SIIIA10279c	Sec III A - section 1 carriageway - sewerage pipe from M/H 8C to F8B (night time): construct sewerage pipe	0	02-Jan-18 A	03-Feb-18 A	100%																								
SIIIA10293	Sec III A - section 1 carriageway - sewerage pipe from M/H F8B - F8A (night time)	6	05-Feb-18 A	26-Feb-18	0%																								
SIIIA10294	Sec III A - section 1 carriageway - sewerage pipe from M/H F8A - F8	8	17-Jan-18 A	28-Feb-18	27.27%																								
SIIIA10295	Sec III A - carriageway - works prior TTA stage 5: excavation and duct laying of TCSS and public lighting	7	18-Jan-18 A	27-Feb-18	0%																								
SIIIA10298	Sec III A - section 1 carriageway - works prior TTA stage 5: road kerb	5	28-Feb-18	05-Mar-18	0%																								
SIIIA10301	Sec III A - section 1 carriageway - works prior TTA stage 5: road formation	2	06-Mar-18	07-Mar-18	0%																								
SIIIA10302	Sec III A - section 1 carriageway - works prior TTA stage 5: laying asphalt	5	08-Mar-18	13-Mar-18	0%																								
SIIIA10303	Sec III A - section 1 carriageway - works prior TTA stage 5: road marking & preparation works	3	14-Mar-18	16-Mar-18	0%																								
SIIIA10310	Sec III A - section 1 carriageway - TTA stage 5: Implementation of TTA Stage 5	1	17-Mar-18	17-Mar-18	0%																								
SIIIA10310a	Sec III A - section 1 carriageway - TTA stage 5: remaining sewerage pipe for M/H F8A - M/H F8	12	19-Mar-18	04-Apr-18	0%																								
SIIIA10310b	Sec III A - section 1 carriageway - TTA stage 5: remaining sewerage pipe for M/H F8A - M/H F8B	18	06-Apr-18	26-Apr-18	0%																								
SIIIA10310c	Sec III A - section 1 carriageway - TTA stage 5: SR1 at-grade road - remove sheetpile at U-trough west	5	19-Mar-18	23-Mar-18	0%																								
SIIIA10310d	Sec III A - section 1 carriageway - TTA stage 5: SR1 at-grade road - remove temp. road access bay 5 of SR1	21	24-Mar-18	21-Apr-18	0%																								
SIIIA10310e	Sec III A - section 1 carriageway - TTA stage 5: SR1 at-grade road - construct upstand wall above Dwall	25	23-Apr-18	23-May-18	0%																								
SIIIA10310f	Sec III A - section 1 carriageway - TTA stage 5: SR1 at-grade road - roadside barrier	14	24-May-18	08-Jun-18	0%																								
SIIIA10310g	Sec III A - section 1 carriageway - TTA stage 5: SR1 at-grade road - road formation	7	09-Jun-18	16-Jun-18	0%																								
SIIIA10310h	Sec III A - section 1 carriageway - TTA stage 5: SR1 at-grade road - laying asphalt with transition slab	14	19-Jun-18	05-Jul-18	0%																								
SIIIA10312	Sec III A - roadwork and utilities section 1 carriageway - Drainage works (L2202 - L2201)	15	19-Mar-18	09-Apr-18	0%																								
SIIIA10312a	Sec III A - roadwork and utilities section 1 carriageway - Drainage works (L1805 - L1801)	15	10-Apr-18	26-Apr-18	0%																								
SIIIA10312b	Sec III A - roadwork and utilities section 1 carriageway - Drainage works (L1805-1807)	12	27-Apr-18	11-May-18	0%																								
SIIIA10313	Sec III A - roadwork and utilities section 1 carriageway - gully pipe (L1807 - L1801)	14	07-May-18	23-May-18	0%																								
SIIIA10320	Sec III A - roadwork and utilities section 1 carriageway - fresh watermain	7	24-May-18	31-May-18	0%																								
SIIIA10340	Sec III A - roadwork and utilities section 1 carriageway - utilities: HEC (80m) along carriageway	14	01-Jun-18	16-Jun-18	0%																								
SIIIA10360	Sec III A - roadwork and utilities section 1 carriageway - road kerb & formation	14	19-Jun-18	05-Jul-18	0%																								
SIIIA10400	Sec III A - roadwork and utilities section 1 carriageway - black top	7	06-Jul-18	13-Jul-18	0%																								
SIIIA10420	Sec III A - Implementation of TTA Stage 7P (Closure of U-turn at Expo Drive)	1	14-Jul-18	14-Jul-18	0%																								
SIIIA10440	Sec III A - roadwork and utilities section 1 carriageway : breaking existing asphalt	10	16-Jul-18	26-Jul-18	0%																								
SIIIA10460	Sec III A - roadwork and utilities section 1 carriageway: road kerb and formation	14	27-Jul-18	11-Aug-18	0%																								
SIIIA10480	Sec III A - roadwork and utilities section 1 carriageway : black top	10	13-Aug-18	23-Aug-18	0%																								
SIIIA10500	Sec III A - roadwork and utilities section 1 carriageway : roadmarking and road furniture	14	24-Aug-18	08-Sep-18	0%																								
Roadwork & Utilities - Section 2 (L1810 - L1807)																													
SIIIA12590	Sec III A - roadwork and utilities section 2 carriageway - black top	0	20-Jan-18 A	27-Jan-18 A	100%																								
Roadwork & Utilities - Section 3 (L1808 - L1102)																													
SIIIA12770	Sec III A - roadwork and utilities section 3 carriageway - utilities: HEC ducting (60m) & crossroad duct (PCCW & HGC)	0	20-Jan-18 A	07-Feb-18 A	100%																								
SIIIA12790	Sec III A - roadwork and utilities section 3 carriageway - road kerb & formation	17	08-Feb-18 A	10-Mar-18	0%																								
SIIIA12810	Sec III A - roadwork and utilities section 3 carriageway - black top	7	12-Mar-18	19-Mar-18	0%																								
Roadwork & Utilities - Section 6 (L1102 - L1411)																													
SIIIA13399	Sec III A - roadwork and utilities section 6 carriageway - gully pipe (L1101 - L1102)	0	12-Jan-18 A	26-Jan-18 A	100%																								
SIIIA13444	Sec III A - roadwork and utilities section 6 carriageway - watermain (road crossing)	0	27-Jan-18 A	03-Feb-18 A	100%																								
SIIIA13445	Sec III A - roadwork and utilities section 6 carriageway - utilities: crossed duct(HEC , HGC, PCCW)	13	05-Feb-18 A	06-Mar-18	0%																								

**CEDD Contract No. HK/2012/08
Wan Chai Development Phase II
Central - Wan Chai Bypass at Wan Chai West**

Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Activity % Complete	2018												2019					
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Promenade Seawall Parapet Construction & EVA																							
SVII12000	Sec VII - Precast parapet	67	18-Nov-17 A	14-May-18	0%																		
SVII12010	Sec VII - Zone CRIII - seawall parapet: Backfilling	14	20-Feb-18	07-Mar-18	0%																		
SVII12120	Sec VII - Zone CRIII - seawall parapet: Construct mass concrete coping	30	08-Mar-18	16-Apr-18	0%																		
SVII12122	Sec VII - Zone CRIII - seawall parapet: reinforced concret coping	17	17-Apr-18	07-May-18	0%																		
SVII12140	Sec VII - Zone CRIII - seawall parapet: construct seawall parapet	30	08-May-18	12-Jun-18	0%																		
SVII12160	Sec VII - CRIII - EVA: watermain	14	13-Jun-18	29-Jun-18	0%																		
SVII12180	Sec VII - CRIII - EVA: U-channel	14	30-Jun-18	17-Jul-18	0%																		
SVII12200	Sec VII - CRIII - EVA: bituminous layer	5	18-Jul-18	23-Jul-18	0%																		
SVII12220	Sec VII - CRIII - EVA: paving block	30	24-Jul-18	27-Aug-18	0%																		
SVII13120	Sec VII - Zone A1, A2 & B - seawall parapet: Construct mass concrete coping	14	28-Dec-17 A	07-Mar-18	68.18%																		
SVII13122	Sec VII - Zone A1, A2 & B - seawall parapet: reinforced concrete coping	18	08-Mar-18	28-Mar-18	0%																		
SVII13140	Sec VII - Zone A1, A2 & B - seawall parapet: Construct seawall parapet	30	09-Apr-18	14-May-18	0%																		
SVII13160	Sec VII - Zone A1, A2 & B - EVA: watermain	14	15-May-18	31-May-18	0%																		
SVII13180	Sec VII - Zone A1, A2 & B - EVA: U-channel	14	01-Jun-18	16-Jun-18	0%																		
SVII13182	Sec VII - Zone A1, A2 & B - EVA: bituminous layer	5	19-Jun-18	23-Jun-18	0%																		
SVII13184	Sec VII - Zone A1, A2 & B - EVA: paving block	30	25-Jun-18	30-Jul-18	0%																		
SVII13200	Sec VII - Zone D - seawall parapet: Remove temporary seawall block	21	07-Mar-18	03-Apr-18	0%																		
SVII13220	Sec VII - Zone D - seawall parapet: Construct mass concrete	30	04-Apr-18	10-May-18	0%																		
SVII13222	Sec VII - Zone D - seawall parapet: reinforced concrete coping	18	11-May-18	01-Jun-18	0%																		
SVII13240	Sec VII - Zone D - seawall parapet: Construct seawall parapet	25	02-Jun-18	03-Jul-18	0%																		
SVII13260	Sec VII - Zone D - EVA : watermain	14	04-Jul-18	19-Jul-18	0%																		
SVII13280	Sec VII - Zone D - EVA : U-channel	14	20-Jul-18	04-Aug-18	0%																		
SVII13300	Sec VII - Zone D - EVA : bituminous layer	5	06-Aug-18	10-Aug-18	0%																		
SVII13320	Sec VII - Zone D - EVA : paving block	30	11-Aug-18	14-Sep-18	0%																		
Promenade Footpath																							
Section 1																							
SVII10440	Sec VII - section 1 footpath - drainage works : connection pipe & U-channel	10	24-May-18	04-Jun-18	0%																		
SVII10445	Sec VII - section 1 footpath - watermain	7	05-Jun-18	12-Jun-18	0%																		
SVII10460	Sec VII - section 1 footpath - lighting	7	13-Jun-18	21-Jun-18	0%																		
SVII10500	Sec VII - section 1 footpath - paving block	21	22-Jun-18	17-Jul-18	0%																		
Section 2																							
SVII12610	Sec VII - section 2 footpath - drainage works : L2202 - L2203A	20	20-Feb-18	14-Mar-18	0%																		
SVII12615	Sec VII - section 2 footpath - watermain	7	15-Mar-18	22-Mar-18	0%																		
SVII12630	Sec VII - section 2 footpath - utilities: TCSS	21	23-Mar-18	20-Apr-18	0%																		
SVII12670	Sec VII - section 2 footpath - paving block	30	21-Apr-18	28-May-18	0%																		
Section 3																							
SVII12850	Sec VII - section 3 footpath - watermain	17	20-Feb-18	10-Mar-18	0%																		
SVII12870	Sec VII - section 3 footpath - utilities (HEC, TCSS, HGC, PCCW)	40	12-Mar-18	02-May-18	0%																		
SVII12875	Sec VII - 3 footpath - drainage works :U chanel	14	03-May-18	18-May-18	0%																		







Activity ID	Activity Name	Original Duration	Start	Finish	2018			
					Sep	Oct	Nov	Dec
Total		2421d	21-Mar-13 A	05-Nov-19				
DWP-08 - (2) - Update Progress As of 20 Sep 18		2421d	21-Mar-13 A	05-Nov-19				
Works in KD9 (Include Re-provisioning Works of KD4,KD5)		339d	30-Jan-18 A	24-Dec-18				
External Works Under KD9		178d	30-Jan-18 A	20-Dec-18				
Zone 4 up to Elderly Facilities		178d	30-Jan-18 A	20-Dec-18				
Elderly Facilities V/039 Received on 22 Jun 2017		178d	30-Jan-18 A	20-Dec-18				
EXW_2270	Facilities fabrication	90d	30-Jan-18 A	15-Nov-18				Facilities fabrication
EXW_2280	Ground levelling, drainage works and safety met installation	30d	16-Nov-18	20-Dec-18				Ground levelling, drainage works and safety met installation
Additional Walkway & Arbour V/040 Received on 22 Aug 2017		30d	03-May-18 A	31-Oct-18				
EXW_2320	Arbour installation and walkway construction	30d	03-May-18 A	31-Oct-18				Arbour installation and walkway construction
Reverting Traffic for IEC,VP Rd & TF St & Seawall Reinstatement (KD9)		256d	13-Apr-18 A	24-Dec-18				
TTA Revert Traffic Back to Original Alignment		171d	13-Apr-18 A	04-Oct-18				
East Bound TTA - IEC East Bound, Victoria Park Road & footpath along Sea Side		10d	21-Sep-18	30-Sep-18				
TTM Stage 1 - IEC (East Bound)		6d	21-Sep-18	26-Sep-18				
Reinstatement Existing Structure		6d	21-Sep-18	26-Sep-18				
EB_1020	Install metal parapet on parapet wall (30m)	6d	21-Sep-18	26-Sep-18				Install metal parapet on parapet wall (30m)
TTM Stage 2 - Revert Traffic back to Original Victoria Road		4d	27-Sep-18	30-Sep-18				
Existing Bridge Parapet Reinstatement		4d	27-Sep-18	30-Sep-18				
EB_1180	Install metal parapet on parapet wall (40m)	4d	27-Sep-18	30-Sep-18				Install metal parapet on parapet wall (40m)
West Bound - IEC West Bound & Tsing fung Street		166d	13-Apr-18 A	04-Oct-18				
TTM Stage 2 - Revert Traffic back to Original Tsing Fung Street		5d	21-Sep-18	25-Sep-18				
Existing Bridge Parapet Reinstatement		5d	21-Sep-18	25-Sep-18				
IECW_1140	Install metal parapet on parapet wall (60m)	5d	21-Sep-18	25-Sep-18				Install metal parapet on parapet wall (60m)
TTM Stage 3 - Reinstatement of Victoria Park		21d	13-Apr-18 A	04-Oct-18				
Reinstatement Works inside Victoria Park		21d	13-Apr-18 A	04-Oct-18				
IECW_1470	Slope Reinstatement of Victoria Park	21d	13-Apr-18 A	04-Oct-18				Slope Reinstatement of Victoria Park
Completion of Minor Outstanding / Remaining Works for KD9		200d	03-May-18 A	24-Dec-18				
East Bound - Minor Outstanding Works in Footpath after Substantial Completion of KD9		150d	18-May-18 A	08-Oct-18				
Minor Reinstatement Works for Existing Sign Gantry		3d	14-Sep-18 A	19-Sep-18 A				
EB_1760	Connection of Public Lighting by HyD (Lighting)	2d	14-Sep-18 A	18-Sep-18 A				Connection of Public Lighting by HyD (Lighting)
EB_1790	Installation of E & M at Sign Gantry (night work)	1d	19-Sep-18 A	19-Sep-18 A				Installation of E & M at Sign Gantry (night work)
Minor Reinstatement Works for Central Median of IEC & Footbridge		6d	01-Oct-18	06-Oct-18				
EB_1800	Reconstruction of central divider (6m long, night work)	6d	01-Oct-18	06-Oct-18				Reconstruction of central divider (6m long, night work)
EB_1810	Dismantlement of temp directional sign mounted on extg footbridge	1d	01-Oct-18	01-Oct-18				Dismantlement of temp directional sign mounted on extg footbridge
Minor Reinstatement Works for Footpath		150d	18-May-18 A	08-Oct-18				
EB_1820	Place kerblines along VPR footpath	3d	18-May-18 A	17-Sep-18 A				Place kerblines along VPR footpath
EB_1840	Re-provision of Tree	8d	27-Sep-18 A	08-Oct-18				Re-provision of Tree
EB_1830	Reinstatement of District Council Welcome Sign and opening plaque at Planter area	1d	03-Oct-18 A	03-Oct-18 A				Reinstatement of District Council Welcome Sign and opening plaque at Planter area
Minor Reinstatement Works for Bus Stop		5d	20-Jul-18 A	05-Oct-18				
EB_1880	Reinstate Planter (Previous Temporary Bus Stop)	5d	20-Jul-18 A	05-Oct-18				Reinstate Planter (Previous Temporary Bus Stop)
Minor Reinstatement Works for Loop Detector		1d	23-Aug-18 A	24-Aug-18 A				
EB_1890	E&W work for Reinstatement of Loop Detector (ILDS) by EMSD (night work)	1d	23-Aug-18 A	24-Aug-18 A				E&W work for Reinstatement of Loop Detector (ILDS) by EMSD (night work)
West Bound - Completion of Minor Outstanding / Remaining Works for KD9		142d	03-May-18 A	24-Dec-18				



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

Date	Revision	Checked	Approved
20-Sep-18	DWP-08 (2) - 3 Months Rolling	TL	TL

Activity ID	Activity Name	Original Duration	Start	Finish	2018			
					Sep	Oct	Nov	Dec
Minor Reinstatement Works for Victoria Park								
IECW_1500	Re-provision of Tree	32d	03-May-18 A	05-Nov-18				Re-provision of Tree
IECW_1510	Laying Irrigation Main	10d	27-Sep-18 A	14-Oct-18				Laying Irrigation Main
IECW_1520	Construct Landscape Footpath and Lightings	7d	20-Oct-18	26-Oct-18				Construct Landscape Footpath and Lightings
Minor Reinstatement Works in IEC West Bound								
IECW_1600	Replacement of new movement joint at IEC W/B (Sun midnight only)	8d	21-Sep-18	28-Sep-18				Replacement of new movement joint at IEC W/B (Sun midnight only)
IECW_1610	Repairing of extg conc deck surface after milling of temp asphalt at IEC W/B and E/B (Sun midnight only)	57d	29-Sep-18	24-Nov-18				Repairing of extg conc deck surface after milling of temp as
IECW_1620	Repairing of concrete defects on extg concrete deck and abutment M	30d	25-Nov-18	24-Dec-18				Repairing of concrete defects on extg concrete deck and abutment M
Works in Victoria Park (KD4, KD5, KD9)								
Re-Provisioning Works								
Nursery Compound								
Nursery compound								
ABWF								
Metal Fence								
VP_NC_1820	Installation	30d	05-Apr-18 A	09-Nov-18				Installation
Fire Srevicees								
VP_NC_2030	FS inspection	14d	20-Aug-18 A	09-Oct-18				FS inspection
KD11, KD12, KD13, KD18 Establishment Works for Landscape Softworks								
KD11 - Section 7A: Portion XIV & XV (Victoria Park Open Space)								
EW_1012	Establishment Works - for Landscape Softworks and transplanted trees in Portion XV	365d	06-Nov-18	05-Nov-19				
KD13 - Section 7C: Portion IVA, VA, VIII, IX, XII (excl. DBH>500mm)								
EW_1040	Establishment Works - for Landscape Softworks and transplanted trees in Portion IVA, VA, VIII, IX, XII excl. DBH>500mm	365d	06-Nov-18	05-Nov-19				
KD18 - Section 11: Transplanted Trees DBH>500mm in Portion VA and XII								
EW_1050	Establishment Works - for Landscape Softworks and transplanted trees DBH>500mm in Portion VA, XII	365d	06-Nov-18	05-Nov-19				
KD10 - Preservation and Protection of Trees								
PPT_0000	Preservation and Protection of Existing Trees	1088d	21-Mar-13 A	28-Dec-18				
KD15 & KD8 - Mooring Components Upkeep (CBTS and ATS)								
MAR_3020	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS	979d	15-May-14 A	21-Sep-18				Mooring Upkeep at Portion X(10) & XVI(16) - CBTS



中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGRG. (HONG KONG) LTD.

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

Date	Revision	Checked	Approved
20-Sep-18	DWP-08 (2) - 3 Months Rolling	TL	TL

Data Date: 20-Oct-18

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018				2019	
						Oct	Nov	Dec	Jan	Jan	
Update 2018-10-20 CWB(CC) - Commissioning Contract (DWP 4a)											
PRELIMINARIES AND GENERAL REQUIREMENTS											
Salient Key Dates and Milestones											
Contract Key Dates											
KD004	KD4 - Achievement of Stage 4 (1711 days) - include EOT No.12 (415 days)	0		04-Nov-18*	-49						
KD005	KD5 - Achievement of Stage 5 (1711 days) - include EOT No.12 (415 days)	0		04-Nov-18*	-49						
KD006	KD6 - Completion of Section 1 of the Works (1711 days) - include EOT No.12 (415 days)	0		04-Nov-18*	-49						
KD007	KD7 - Completion of Section 2 of the Works (1771 days) - include EOT No.12 (414 days)	0		03-Jan-19*	-109						
KD008	KD8 - Completion of Section 3 of the Works (1771 days) - include EOT No.12 (414 days)	0		03-Jan-19*	-109						
KD010	KD10 - Completion of Section 5 of the Works (1787 days) - include EOT No.12 (125 days)	0		19-Jan-19*	-125						
Anticipated Completion Dates											
KD04	KD4 - Achievement of Stage 4 (1711 days) - include EOT No.12 (415 days)	0		20-Oct-18*	-33						
KD05	KD5 - Achievement of Stage 5 (1711 days) - include EOT No.12 (415 days)	0		14-Nov-18*	-59						
KD11	KD11 - Completion of Section 6 of the Works (1445 days) - include EOT No.12 (149 days)	0		20-Nov-18*	-282						
KD06	KD6 - Completion of Section 1 of the Works (1711 days) - include EOT No.12 (415 days)	0		24-Nov-18*	-69						
KD08	KD8 - Completion of Section 3 of the Works (1771 days) - include EOT No.12 (414 days)	0		18-Jan-19*	-124						
Possession Dates and Vacation Dates											
PO-IIa	Possession of Portion IIa (Day 1) - WVB below +6.5mPD	1329	28-Feb-14 A	17-Nov-18	-250						
PO-III	Possession of Portion III (Day 120) - CH1805-2600	1209	28-Jun-14 A	17-Nov-18	-250						
PO-Ib	Possession of Portion Ib (Day 242) - CH1580-1805	1087	28-Oct-14 A	17-Nov-18	-250						
PO-IXd	Possession of Portion IXd (Day 266) - CH4600-4860	1063	21-Nov-14 A	17-Nov-18	-250						
PO-XI	Possession of Portion XI (Day 296) - EVS	1033	21-Dec-14 A	17-Nov-18	-62						
PO-IIc	Possession of Portion IIc (Day 336) - CH1360-1580	993	30-Jan-15 A	17-Nov-18	-250						
PO-IIb	Possession of Portion IIb (Day 336) - WVB above +6.5mPD	669	30-Jan-15 A	17-Nov-18	-250						

- ◆ Current Milestone
- ▬ Level of Effort
- ▲ Baseline Milestone
- ▬ Actual Work
- ▬ Critical Remaining Work
- ▬ Remaining Work
- ▬ Project Baseline

Leighton Contractors (Asia) Limited

Programme Update 56 (October 2018)

THREE MONTH ROLLING

Project ID: H2613-U056
 Baseline: DWP4a
 Layout: Update Three Month Rolling
 U056
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Date	Revision	Checked	Approv...
20-Sep-18	U055	AT	CW
20-Oct-18	U056	AT	CW

Data Date: 20-Oct-18

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018				2019			
						Oct		Nov		Dec		Jan	
						Actual	Remaining	Actual	Remaining	Actual	Remaining	Actual	Remaining
PO-IXa	Possession of Portion IXa (Day 392) - CH4860-5150	937	27-Mar-15 A	17-Nov-18	-250								
PO-Va	Possession of Portion V (Day 607) - CH2950-3210	722	28-Oct-15 A	17-Nov-18	-250								
PO-VII_a1	Possession of Portion VII (Day 762) - CH3911-4250 (below -6.0mPD)	659	30-Dec-15 A	17-Nov-18	-250								
PO-Vc	Possession of Portion V (Day 607) - CH3210-3250	658	15-Jan-16 A	17-Nov-18	-250								
PO-VIb_b1	Possession of Portion VIb (Day 761) - CH3428-3625 (E/B)	619	18-Feb-16 A	17-Nov-18	-250								
PO-VIb_b2	Possession of Portion VIb (Day 761) - CH3428-3625 (W/B)	568	29-Feb-16 A	17-Nov-18	-250								
PO-Xa_1	Possession of Portion Xa (Day 650) - ADB Southern Portion (AECOM letter ref: 2015007890T)	589	07-Mar-16 A	17-Nov-18	-470								
PO-Xb_1	Possession of Portion Xb (Day 804) - ADB Northern Portion	589	07-Mar-16 A	17-Nov-18	-470								
PO-Vb1	Possession of Portion V (Day 607) - SR3	587	11-Mar-16 A	17-Nov-18	-62								
PO-Ia	Possession of Portion Ia (Day 789) - SCB / SCP1 / SCP2 / Rumsey Street Flyover	600	28-Mar-16 A	17-Nov-18	-434								
PO-VII_a2	Possession of Portion VII (Day 762) - CH3800-3911 (below -6.0mPD)	567	31-Mar-16 A	17-Nov-18	-250								
PO-IXc_1	Possession of Portion IXc (Day 712) - EVB above 3.6mPD - Relinquished on 12 Apr 2016	445	29-Jul-16 A	17-Nov-18	-456								
PO-IXb_1	Possession of Portion IXb (Day 712) - EVB (below +3.6mPD to tunnel top slab) - Relinquished on 12 Apr 2016	445	05-Aug-16 A	17-Nov-18	-456								
PO-VIa_a	Possession of Portion VIa (Day 823) - CH3250-3283	425	15-Aug-16 A	17-Nov-18	-250								
PO-Vb2_a	Possession of Portion V (Day 607) - SR2	456	15-Aug-16 A	17-Nov-18	-250								
PO-VIc_a	Possession of Portion VIc (Day 761) - CH3770-3800 (Access Shaft Opening)	391	23-Sep-16 A	17-Nov-18	-250								
PO-VIb_c	Possession of Portion VIb (Day 761) - CH3625-3770	391	23-Sep-16 A	17-Nov-18	-250								
PO-IVa1	Possession of Portion IVa (Day 930) - CH2600-2720	323	30-Nov-16 A	17-Nov-18	-250								
PO-IVb2	Possession of Portion IVb (Day 930) - MVB (GL D-H)	233	28-Feb-17 A	17-Nov-18	-404								
PO-VIIIa_a	Possession of Portion VIIIa (Day 929) - CH4530-4591 W/B	233	28-Feb-17 A	17-Nov-18	-250								
PO-VIIIa	Possession of Portion VIIIa (Day 929) - CH4250-4600 (Remaining)	241	12-Mar-17 A	17-Nov-18	-250								
PO-VIIIb	Possession of Portion VIIIb (Day 929) - SR8 (CH700-350)	233	12-Mar-17 A	17-Nov-18	-250								
PO-VIIIc	Possession of Portion VIIIc (Day 1039) - SR8 (CH350-310) / SCP4	233	12-Mar-17 A	17-Nov-18	-250								
PO-IVa2_a	Possession of Portion IVa (Day 930) - CH2720-2950	241	12-Mar-17 A	17-Nov-18	-250								

-  Current Milestone
-  Remaining Work
-  Level of Effort
-  Project Baseline
-  Baseline Milestone
-  Actual Work
-  Critical Remaining Work

Leighton Contractors (Asia) Limited Programme Update 56 (October 2018) THREE MONTH ROLLING

Project ID: H2613-U056
 Baseline: DWP4a
 Layout: Update Three Month Rolling
 U056
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Date	Revision	Checked	Approv...
20-Sep-18	U055	AT	CW
20-Oct-18	U056	AT	CW

Data Date: 20-Oct-18

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018				2019
						Oct	Nov	Dec	Jan	
PO-IVb1	Possession of Portion IVb (Day 930) - MVB (GL A-C)	239	14-Mar-17 A	17-Nov-18	-404					
PO-IVa2_b	Possession of Portion IVa (Day 930) - SR1	203	30-Mar-17 A	17-Nov-18	-250					
PO-Vb2_b	Possession of Portion V (Day 607) - SCP3	182	03-Jul-17 A	17-Nov-18	-250					
PO-VIb_a	Possession of Portion VIb (Day 761) - CH3400-3428	80	31-Jul-17 A	17-Nov-18	-250					
PO-VIa_b	Possession of Portion VIa (Day 823) - CH3283-3400	80	31-Jul-17 A	17-Nov-18	-250					
PO-IVc	Possession of Portion IVc (Day 1144) - MVB (above +5.0mPD)	111	20-Oct-18	07-Feb-19	-250					
Submissions and Approvals										
Initial General Submission										
10168	Submission of CMC 3DVR	30	20-Oct-18	18-Nov-18	-63					
DETAILED DESIGN OF WORKS										
Permanent Works Design and Engineering										
Green Wall on ADB										
10238	ADB Green Wall - Engineer review & Approval; Consent to Proceed Construction	24	07-Mar-16 A	26-Oct-18	-426					
Landscaping & Associated Irrigation System										
10268	Landscaping - Engineer review & Approval; Consent to Proceed Construction	24	07-Mar-16 A	26-Oct-18	-369					
PROCUREMENT, MANUFACTURING & DELIVERIES										
Procurement; Manufacturing; Deliveries										
Green Wall on ADB										
Shop Drawings										
12850	ADB Green Wall - Shop Drawings review the Engineer	18	11-Apr-18 A	25-Oct-18	-526					
10244	ADB Green Wall - Obtain Approval for Shop Drawings	0		25-Oct-18	-526					
Procurement & Fabrication										
10246	ADB Green Wall - Confirm design of embed items	0		26-Oct-18	-526					
10248	ADB Green Wall - Embed fabrication & delivery	30	26-Oct-18	24-Nov-18	-526					

- Current Milestone
- Remaining Work
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- Project Baseline
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Leighton Contractors (Asia) Limited Programme Update 56 (October 2018) THREE MONTH ROLLING

Project ID: H2613-U056
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 U056
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Date	Revision	Checked	Approv...
20-Sep-18	U055	AT	CW
20-Oct-18	U056	AT	CW

CWB(CC) - Commissioning Contract
TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018				2019			
						Oct	Nov	Dec	Jan				
10250	ADB Green Wall - Commence embed installation	0	25-Nov-18		-526								
10252	ADB Green Wall - Green Wall Fabrication & delivery	52	25-Nov-18	15-Jan-19	-526								
10254	ADB Green Wall - Commence installation	0	16-Jan-19		-526								
CONSTRUCTION													
West Ventilation Building (WVB - related)													
West Ventilation Building (WVB)													
External Works													
3106	WVB - Final completion works (include CCMS interface)	48	23-May-18 A	26-Oct-18	-204								
192054	VO 460 - Break existing kerbs	6	17-Sep-18 A	21-Sep-18 A									
Final Completion Works													
192058	VO 446 - New FRR doors order and deliver to site	24	05-Sep-18 A	25-Sep-18 A									
192064	VO 447 - New FRR hatch cover order and deliver to site	24	05-Sep-18 A	20-Oct-18	-40								
192070	VO 445 - FRR durateel board system (VRS) order and deliver to site	24	05-Sep-18 A	25-Sep-18 A									
192104	VO 466 - Modification works	6	20-Sep-18 A	25-Sep-18 A									
192060	VO 446 - Dismantle FRR doors (-/120/120) and install FRR doors (-/240/240) at TVF Room	6	26-Sep-18 A	01-Oct-18 A									
192072	VO 445 - Install additional FRR (-/240/240) durasteel board system (VR2) at TVF Room	6	08-Oct-18 A	13-Oct-18 A									
192066	VO 447 - Replace the installed FRR access hatch cover (-/240/240) at TVF Room	6	21-Oct-18	26-Oct-18	-40								
3140	WVB - Completion of Section 1 (KD06)	0		26-Oct-18	-257								
Landscaping and Irrigation Systems													
3136	WVB - Final completion test for irrigation systems in Portion IIb	60	21-Aug-18 A	25-Oct-18	-404								
3138	WVB - Landscape Works in Portion IIb (Include architectural lightings & lightning protection system installation)	48	15-Sep-18 A	07-Nov-18	-417								
Middle Ventilation Building (MVB - related)													
Tunnel Section (MVB-related)													
Portion IVa (CH2600 to CH2950)													

◆ Current Milestone
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018				2019	
						Oct	Nov	Dec	Jan		
Slip Road 1											
10046	MEP(SR1) - (CH171 to CH271) VE Panel installation (Upper part) (1200m2)	13	28-Jun-18 A	04-Oct-18 A							
10046c	VO 238 - SR1 - Construction of D-wall plinth and install wall brackets	12	10-Jul-18 A	10-Oct-18 A							
10046e	VO 238 - SR1 - Application of Evonik Protectosil SC60	6	10-Oct-18 A	15-Oct-18 A							
Portion Va [CH2950 to CH3210]											
Westbound (Outer Lane)											
9954a	MEP(WB) - (CH2950 to CH3210) VE Panel installation (Upper part) (1800m2)	20	11-Apr-18 A	28-Sep-18 A							
Eastbound (Outer Lane)											
9956a	MEP(EB) - (CH2950 to CH3210) VE Panel installation (Upper part) (1800m2)	20	09-Apr-18 A	27-Sep-18 A							
Portion Vb1 (SR3)											
Slip Road 3											
10048b	MEP(SR3) - (CH3089 to CH3334) VE Panel installation (Upper part) (2940m2)	33	04-Jul-18 A	21-Sep-18 A							
10048h	VO 238 - Installation of precast concrete	22	24-Jul-18 A	29-Sep-18 A							
10048i	VO 238 - Application of Evonik Protectosil SC60 at SR3	7	02-Oct-18 A	09-Oct-18 A							
Portion Vb2 (SR2 / SCP3)											
Slip Road 2											
10064b	MEP(SR2) - (CH3114 to CH3257) VE Panel installation (Upper part) (1716m2)	18	09-Jul-18 A	28-Sep-18 A							
Portion Vc [CH3210 to CH3250]											
Westbound (Outer Lane)											
9954c	MEP(WB) - (CH3210 to CH3250) VE Panel installation (Upper part) (1800m2)	20	10-Jul-18 A	29-Sep-18 A							
Eastbound (Outer Lane)											
9956c	MEP(EB) - (CH3210 to CH3250) VE Panel installation (Upper part) (1800m2)	20	06-Jul-18 A	21-Sep-18 A							
Portion Va [CH3250 to CH3283]											
Westbound											

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018											
						2019											
						Oct	Nov	Dec	Jan								
9958a	MEP(WB) - (CH3250 to CH3283) VE Panel installation (Upper part) (528m2)	6	19-Apr-18 A	24-Sep-18 A		[Gantt bar from 19-Apr-18 to 24-Sep-18]											
Eastbound																	
9960a	MEP(EB) - (CH3250 to CH3283) VE Panel installation (Upper part) (528m2)	6	18-Apr-18 A	27-Sep-18 A		[Gantt bar from 18-Apr-18 to 27-Sep-18]											
Portion Via [CH3283 to CH3400]																	
Westbound																	
9958b	MEP(WB) - (CH3283 to CH3400) VE Panel installation (Upper part) (1872m2)	21	10-Apr-18 A	29-Sep-18 A		[Gantt bar from 10-Apr-18 to 29-Sep-18]											
Eastbound																	
9960b	MEP(EB) - (CH3283 to CH3400) VE Panel installation (Upper part) (1872m2)	21	16-Apr-18 A	04-Oct-18 A		[Gantt bar from 16-Apr-18 to 04-Oct-18]											
Middle Ventilation Building (MVB)																	
MEP Works																	
G/F (GL D - H)																	
TVF Fan Room 1 (G-01)																	
192086	VO 568 - Order and deliver of materials on site	24	12-Sep-18 A	02-Oct-18 A		[Gantt bar from 12-Sep-18 to 02-Oct-18]											
192088	VO 568 - Addition of PROMAT Board System (VR1) and FRR (-/240/240) FRR durasteel board system	6	03-Oct-18 A	06-Oct-18 A		[Gantt bar from 03-Oct-18 to 06-Oct-18]											
192090	VO 568 - Dismantle FRR (-/120/120) doors and install FRR (-/240/240) doors	6	08-Oct-18 A	12-Oct-18 A		[Gantt bar from 08-Oct-18 to 12-Oct-18]											
192092	VO 568 - Replace FRR (-/120/120) access hatch with FRR (-/240/240) access hatch	6	13-Oct-18 A	16-Oct-18 A		[Gantt bar from 13-Oct-18 to 16-Oct-18]											
NOC 204 - Additional Requirement of Interlocking Control for SPS and SES at MVB (FSD Comment)																	
192120	New 3 nos. of MSFD delivered to site for additional SPS air release vent shaft installation	0		13-Oct-18 A		[Milestone diamond at 13-Oct-18]											
192118	MVB Re-inspection: Submission of Form 314 to FSD	0	18-Oct-18 A			[Milestone diamond at 18-Oct-18]											
Builder Works																	
192124	Erect and remove scaffolding inside pipe duct for FRP installation	5	16-Oct-18 A	19-Oct-18 A		[Gantt bar from 16-Oct-18 to 19-Oct-18]											
192126	Wall openings for B1, B2, B3 and 1/F	6	22-Oct-18	27-Oct-18	-40	[Gantt bar from 22-Oct-18 to 27-Oct-18]											
192140	FRP installation inside pipe duct	4	26-Oct-18	30-Oct-18	-38	[Gantt bar from 26-Oct-18 to 30-Oct-18]											
192144	Erect blockwork wall to block the openable window at ST-03	3	29-Oct-18	31-Oct-18	-40	[Gantt bar from 29-Oct-18 to 31-Oct-18]											

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018				2019
						Oct	Nov	Dec	Jan	
192142	Continue erect and remove scaffolding inside pipe duct for FRP installation	3	31-Oct-18	02-Nov-18	-38					
192146	Erect blockwork wall to block the access panel at 1/F	2	01-Nov-18	02-Nov-18	-40					
192148	Make good wall opening for MSFD	2	03-Nov-18	05-Nov-18	-40					
E&M Works										
192122	Dismantle all power, Control Cable and associated cable conduit and cable containment (MVB 2/F)	3	18-Oct-18 A	20-Oct-18	-47					
192150	Dismantle SRF, associated Damper, Air Ductwork and FRP (MVB 2/F)	5	21-Oct-18	25-Oct-18	-47					
192170	Conduit and Cable Containment Works Installation (MVB B1, B2 & B3/F)	6	23-Oct-18	28-Oct-18	-276					
192158	Install associated air duct with 4-HR FRP (MVB B1/F)	5	24-Oct-18	28-Oct-18	-48					
192152	Install associated air duct Connect to UR/F	3	26-Oct-18	28-Oct-18	-47					
192154	Install 4-HR FRP for air ductwork (MVB 2/F)	4	29-Oct-18	01-Nov-18	-47					
192160	MSFD Installation (MVB B1/F)	1	29-Oct-18	29-Oct-18	-48					
192166	MSFD Installation (MVB B2 & B3/F)	2	29-Oct-18	30-Oct-18	-47					
192172	Wiring Works for 3 nos. MSFDs and Modify existing wiring work from 2/F and connect to G/F FCC (MVB B1, B2 & B3/F)	5	29-Oct-18	02-Nov-18	-276					
192162	4-HR FRP Installation (MVB B1/F)	4	30-Oct-18	02-Nov-18	-48					
192156	Seal up wall opening after FRP installation (MVB 2/F)	1	02-Nov-18	02-Nov-18	-47					
192168	Air Grille Installation (MVB B2 & B3/F)	1	02-Nov-18	02-Nov-18	-47					
192164	Air Grille Installation (MVB B1/F)	1	03-Nov-18	03-Nov-18	-48					
192174	Final Termination from New and Existing MSFD to Supervisory Control Panel and Point to Point Test (MVB B1, B2 & B3/F)	3	03-Nov-18	05-Nov-18	-276					
192176	T&C for SPS & SES	4	06-Nov-18	09-Nov-18	-276					
192178	Report with RPE endosrement	1	10-Nov-18	10-Nov-18	-276					
External Works										
3258	MVB - External concrete pavement	42	04-Apr-18 A	31-Oct-18	-208					
3262	MVB - Final completion works (include CCMS interface)	30	05-Apr-18 A	31-Oct-18	-208					
3260	MVB - External Fence Wall	42	10-Apr-18 A	31-Oct-18	-208					

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						Oct	Nov	Dec	Jan	
E&M Testing & Commissioning / Statutory Inspection										
192138	MEP(MVB) - Statutory Re- Inspection & Certificates (include EMSD & FSD inspection) SPS/SES	3	12-Nov-18	14-Nov-18	-220					
Final Completion Works										
3274	MVB - TCSS & other E&M systems Site Acceptance Test	18	14-Sep-18 A	21-Sep-18 A						
KD05M3	TCSS SAT (MVB) - Milestone for KD05	0		21-Sep-18 A						
192034	VO 426 - Construct U-channel/drain pipe tp collect seepage water from D-wall to Sump Pump at MVB B3-13	6	08-Oct-18 A	12-Oct-18 A						
192030	VO 434 - Provision of Protective Cover for Utilities	6	15-Oct-18 A	21-Oct-18	-35					
192032	VO 426 - Seal water seepage on ceiling/Remove and re-install trunking (MVB B3-04)	6	17-Oct-18 A	22-Oct-18	-36					
192036	VO 442 - Seal water seepage at MVB ST-04 D-walls /B1-04 ceiling /B1-11 floor slab & remove and reinstate floor screeding	6	18-Oct-18 A	24-Oct-18	-38					
Landscaping and Irrigation System										
3276	MVB - Final completion test for irrigation systems in Portion IVa and IVb	60	20-Aug-18 A	25-Oct-18	-404					
3278	MVB - Landscape Works in Portion IVa and IVb	60	06-Sep-18 A	01-Nov-18	-411					
Satellite Control Point 3										
SCP3										
192046	VO 461 - handrailing and Type 2 railing material order and delivery	18	05-Sep-18 A	26-Oct-18	-38					
192048	VO 461 - Staircase construction / handrail & Type 2 railing installation (After tunnel opening)	6	15-Nov-18	21-Nov-18	-54					
KD02M2	MEP(SCP3) - Milestone for KD06	0		21-Nov-18	-54					
East Ventilation Building (EVB - related)										
Tunnel Section (EVB-related)										
Portion VII [CH3800 to CH3911]										
Eastbound										
9968a4	MEP(EB) - (CH3800 to CH3911) VE Panel installation (Upper part) (1332m2)	14	09-Apr-18 A	08-Oct-18 A						
Portion VII [CH3911 to CH4250]										
Slip Road 8										

- ◆ Current Milestone
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						Oct			Nov			Dec			Jan			Jan		
						1	2	3	1	2	3	1	2	3	1	2	3	1		
192038	VO 454 - Material order and delivery for Thrie-Beam Barrier	48	21-Aug-18 A	02-Nov-18	-46															
NOC195a	NOC 195 - Late drainage connection by interface contractor at Sump D and Sump II	12	20-Oct-18*	02-Nov-18	-44															
192040	VO 454 - Thrie-barrier construction	6	03-Nov-18	09-Nov-18	-46															
NOC195b	NOC 195 - Pump performance test	6	03-Nov-18	09-Nov-18	-44															
192042	VO 454 - Traffic signs relocation	2	10-Nov-18	12-Nov-18	-46															
Portion VIIa [CH4250 to CH4600]																				
Eastbound																				
9972	MEP(EB) - (CH4250 to CH4600) VE Panel installation (Upper part) (3900m2)	11	24-Jan-18 A	04-Oct-18 A																
Portion IXd [CH4600 to CH4860]																				
Eastbound																				
9976	MEP(EB) - (CH4600 to CH4860) VE Panel installation (Upper part) (3300m2)	37	22-Mar-18 A	06-Oct-18 A																
Portion IXa [CH4860 to CH5150]																				
Eastbound																				
9980	MEP(EB) - (CH4860 to CH5150) VE Panel installation (Upper part) (3288m2)	37	05-Apr-18 A	10-Oct-18 A																
East Ventilation Building (EVB)																				
RC Structures and Green Roof																				
3456	EVB - Green Roof (include architectural lighting & lightning protection system installation)	42	19-May-18 A	16-Oct-18 A																
External Facade																				
3438	EVB - External facing tiles / Treated Waste Wood / Louvre	90	11-Sep-17 A	19-Oct-18 A																
191613	VO 335 - Manufacture and delivery of smoke vent cover	24	27-Aug-18 A	12-Oct-18 A																
191615	VO 335 - smoke vent cover installation and cable termination	18	20-Oct-18	09-Nov-18	-50															
191617	VO 335 - smoke vent cover T&C (Assume not affecting FSD inspection until further confirmation from AECOM / FSD)	6	10-Nov-18	16-Nov-18	-50															
E&M Testing & Commissioning / Statutory Inspection																				
192100	VO 310 - Modification of Water Main Trench at EVB	4	10-Oct-18 A	13-Oct-18 A																

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018				2019
						Oct	Nov	Dec	Jan	
Zitron Fan High Temperature Test										
191577	Issue test reports to FSD and get Fire Test Certificate	12	28-Sep-18 A	12-Oct-18 A						
191579	Fire Test Certificate received	0		12-Oct-18 A						
Reinstate Fan - 517.5kW										
191545	517.5kW - Fabricate new motor and ship to Zitron	92	19-Jun-18 A	06-Oct-18 A						
191551	517.5kW - Fan installation and route testing by Zitron	6	08-Oct-18 A	13-Oct-18 A						
191589	517.5kW - Deliver to site	24	15-Oct-18 A	12-Nov-18	-58					
191557	517.5kW - Install the new fan and reconnect all power and control cables	6	13-Nov-18	19-Nov-18	-58					
191559	517.5kW - Power on, start up and commissioning	6	20-Nov-18	26-Nov-18	-58					
Fan - 152kW										
191583	Carry High Temperature Test	4	17-Sep-18 A	20-Sep-18 A						
191585	Complete the test and issue test report	6	20-Sep-18 A	27-Sep-18 A						
Landscaping and Irrigation System										
191539b	VO 311 - Design information from AECOM (Tentative date)	0	24-Sep-18 A							
191539c	VO 311 - Form 542 submission and approval	48	24-Sep-18 A	10-Nov-18	-492					
3476	EVB - Final completion test for irrigation systems in Portion IXc	52	21-Oct-18	11-Dec-18	-457					
3478	EVB - Landscape Works in Portion IXc	52	27-Oct-18	17-Dec-18	-457					
191539d	VO 311 - Excavation & Installation of pipes and water points	36	11-Nov-18	16-Dec-18	-492					
191539e	VO 311 - WW 046 Part I/ II submission and cert	36	11-Nov-18	16-Dec-18	-492					
191539f	VO 311 - WW 046 Part IV submission and cert	12	17-Dec-18	28-Dec-18	-492					
191539g	VO 311 - Backfill	12	17-Dec-18	28-Dec-18	-492					
191539h	VO 311 - Defects & Water test	24	29-Dec-18	21-Jan-19	-492					
Tunnel Flexible Pavement (EVB-related)										
5826	Road(SR8) - (CH210 to CH1000) Road Marking & Traffic Sign	10	13-Sep-18 A	21-Sep-18 A						

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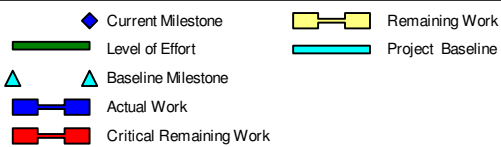
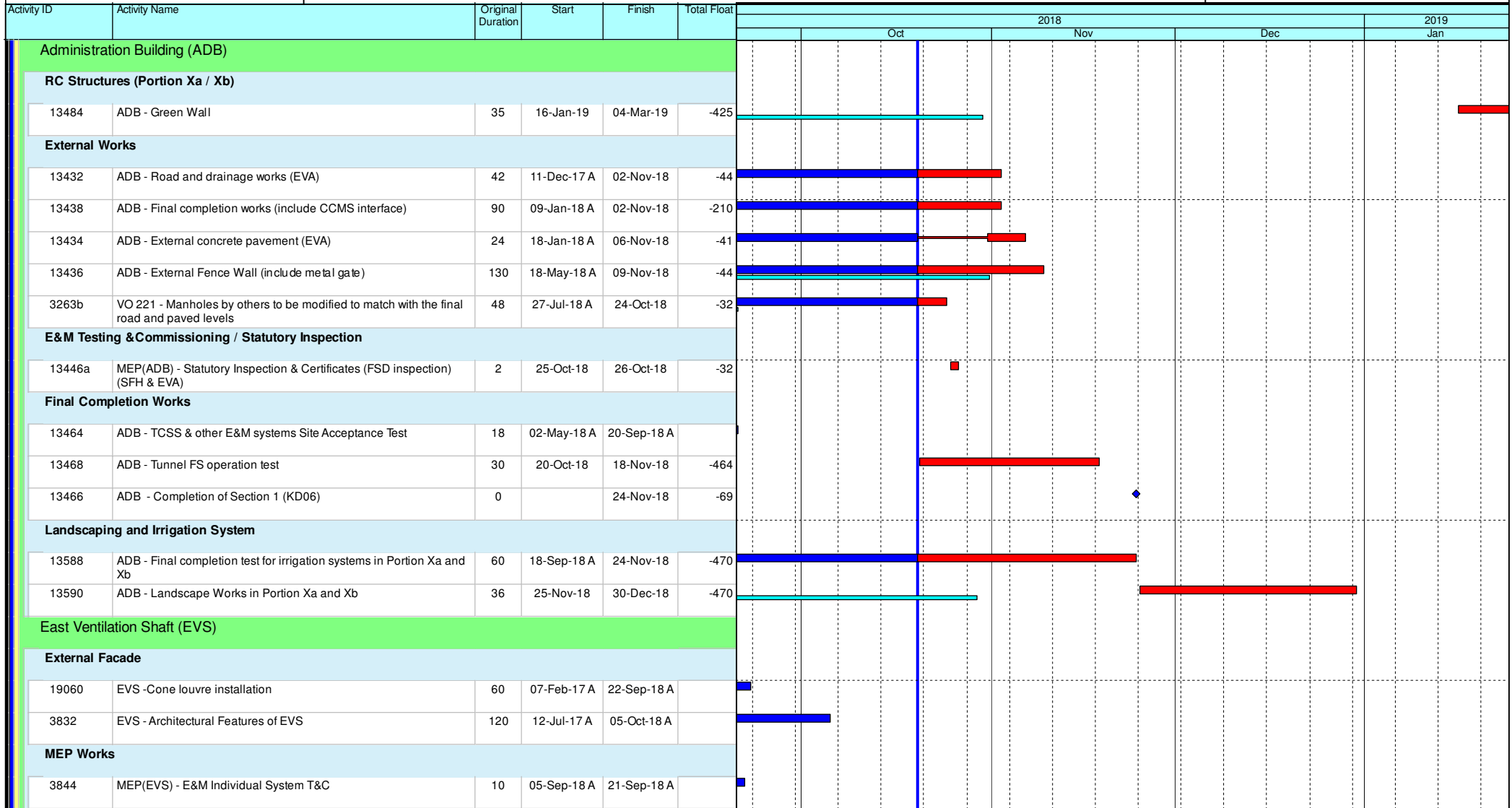
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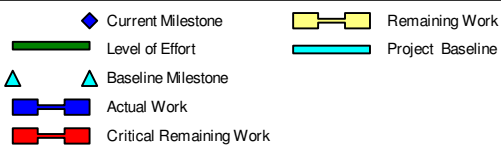
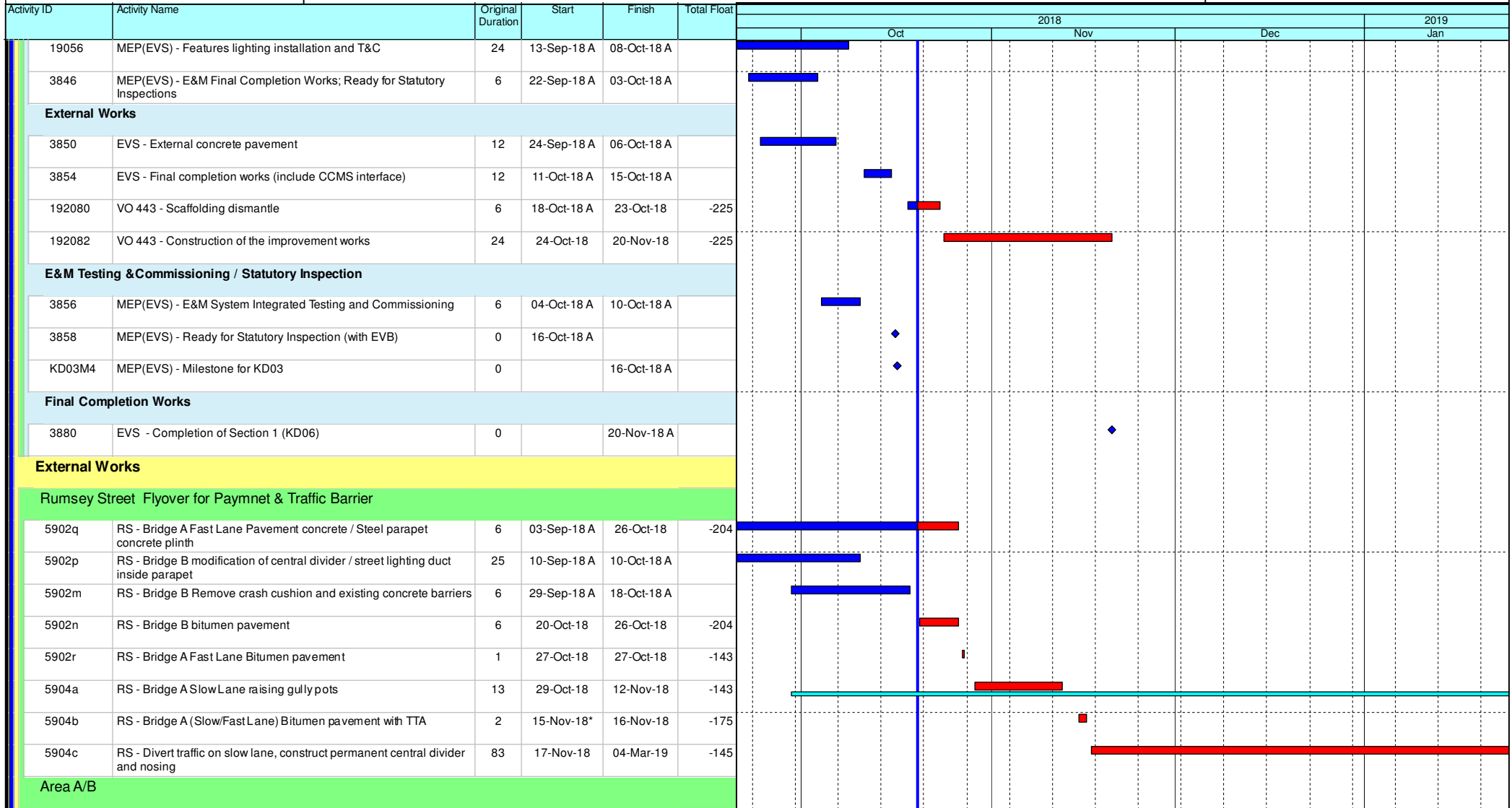
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018				2019
						Oct	Nov	Dec	Jan	
Area B										
Area B Tunnel Lighting										
Landscape Deck (Bay C1 to C5)										
Landscape Deck (Bay C1 & C2A-2 Remaining Bay (W/B))										
10288c3i	T&C and energisation	6	11-Sep-18 A	22-Sep-18 A						
10288c3j	LUX measurement	6	24-Sep-18 A	04-Oct-18 A						
Landscape Deck (Bay C1 & C2A-2 Remaining Bay (E/B))										
10288c4i	T&C and energisation	3	16-Aug-18 A	21-Sep-18 A						
10288c4j	LUX measurement	6	24-Sep-18 A	04-Oct-18 A						
Landscape Deck (Bay C2A-1 to B1 & C3 Bay (W/B))										
10288c5i	T&C and energisation	6	11-Sep-18 A	22-Sep-18 A						
10288c5j	LUX measurement	6	24-Sep-18 A	04-Oct-18 A						
Landscape Deck (Bay C2A-1 to B1 & C3 Bay (E/B))										
10288c6i	T&C and energisation	6	11-Sep-18 A	22-Sep-18 A						
10288c7j	LUX measurement	6	24-Sep-18 A	04-Oct-18 A						
Landscape Deck (Bay C4 - E/B Slow Lane)										
10288c8i	Cable laying / DALI wiring and cable termination	24	11-Jul-18 A	22-Oct-18	-200					
10288c8j	T&C and energisation	6	05-Sep-18 A	26-Sep-18 A						
10288c8k	LUX measurement	6	27-Sep-18 A	06-Oct-18 A						
Landscape Deck (Bay C4 - E/B Fast Lane)										
10288c9i	T&C and energisation	6	19-Aug-18 A	21-Sep-18 A						
10288c1j	LUX measurement	6	22-Sep-18 A	29-Sep-18 A						
Landscape Deck (Bay C4 - W/B)										
10288c11i	Cable laying / DALI wiring and cable termination	36	17-Jul-18 A	23-Oct-18	-201					

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018				2019
										Jan
						Oct	Nov	Dec		
10288c11	T&C and energisation	6	26-Sep-18 A	04-Oct-18 A						
10288c11	LUX measurement	6	05-Oct-18 A	12-Oct-18 A						
Landscape Deck (Bay C5 - E/B Slow Lane)										
10288c11	T&C and energisation	6	30-Aug-18 A	22-Sep-18 A						
10288c11	LUX measurement	6	20-Sep-18 A	27-Sep-18 A						
Landscape Deck (Bay C5 - E/B Fast Lane)										
10288c11	T&C and energisation	6	30-Aug-18 A	22-Sep-18 A						
10288c11	LUX measurement	6	20-Sep-18 A	27-Sep-18 A						
Landscape Deck (Bay C5 - W/B)										
10288c11	Cable laying / DALI wiring and cable termination	30	08-Aug-18 A	22-Oct-18	-200					
10288c11	T&C and energisation	6	18-Sep-18 A	22-Sep-18 A						
10288c11	LUX measurement	6	20-Sep-18 A	27-Sep-18 A						
Road Widening (Bridge A / Man Po Street)										
Approval / Access										
RW0014	Gantry shop drawings preparation	69	20-Oct-18	11-Jan-19	-95					
Construction / Installation Works										
RW0024	Construction works along Man Kwong Street abutment wall	55	30-Jul-18 A	26-Oct-18	-125					
RW0034	Break up black top, wire-cut and remove parapet at Man Po Street Flyover	36	23-Aug-18 A	26-Oct-18	-65					
RW0032	Thickening of Abutment Wall	60	10-Sep-18 A	23-Nov-18	-125					
RW0044	Parapet wall construction	24	27-Oct-18	23-Nov-18	-65					
RW0036	Backfilling planter area along abutment wall	12	10-Nov-18	23-Nov-18	-125					
RW0042	Planter reinstatement (include RFV 474 Lanscape Works)	75	17-Nov-18	22-Feb-19	-125					
RW0046	Sign gantry / Lamp pole parapet construction	6	24-Nov-18	30-Nov-18	-65					
RW0048	Re-install top rail / sign / lamp pole and pavement	6	28-Nov-18	04-Dec-18	-65					

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CWB(CC) - Commissioning Contract

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2018				2019
						Oct	Nov	Dec	Jan	
RW0038	MPS 2nd lane opening (anticipated early Dec 2018)	0		04-Dec-18	-65					
NOC 159 - Modification Works for Niche A2 (FSD Requirements) - RFV/483										
192012	Manufacture new access doors / frames	40	16-Jul-18 A	27-Sep-18 A						
192014	Install new access doors / frames	12	14-Sep-18 A	03-Oct-18 A						
192016	Measure infill panels and manufacture permanent infill panels	32	04-Oct-18 A	15-Nov-18	-61					
192018	Install new infill panels	12	16-Nov-18	29-Nov-18	-61					
Commissioning Test										
Handover Tests										
192108	TCSS / CCMS handover test	3	27-Sep-18 A	28-Sep-18 A						
192106	Tunnel Lighting handover test	3	02-Oct-18 A	04-Oct-18 A						
192110	Tunnel Ventilation Fans (TVF) handover test	3	04-Oct-18 A	05-Oct-18 A						
192112	Run-in test	14	15-Nov-18	28-Nov-18	-73					
For Tunnel Opening										
9900d	Route-wide TCSS Overall System SAT (CCS and MFC S)	68	03-May-18 A	22-Sep-18 A						
10016c1	FSD inspection (Tunnel Stage 1)	14	31-May-18 A	22-Sep-18 A						
9900	Integrated System Test	42	23-Jul-18 A	06-Nov-18	-51					
9900d1	Emergency phone system / Radio system SAT	24	03-Sep-18 A	20-Sep-18 A						
12826a	Routewide FSD Inspection - Tunnel FS operation test at ADB	12	07-Sep-18 A	20-Sep-18 A						
10016c2	FSD inspection (Tunnel Stage 2)	12	07-Sep-18 A	22-Sep-18 A						
10016c3	FSD inspection (Tunnel Stage 3)	12	07-Sep-18 A	22-Sep-18 A						
10016d	FSD inspection for SCB and SCPs	2	21-Sep-18 A	22-Sep-18 A						
10016c4	Tunnel - Hot smoke test (1 test location only)	2	26-Sep-18 A	27-Sep-18 A						
10016c5	Tunnel - Formal Hot smoke test with FSD witness	2	27-Sep-18 A	28-Sep-18 A						
10016e	Issue of the FS Certificate from the FSD	0		20-Oct-18	-250					

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						Oct	2018	Nov	Dec	2019	Jan						
KD05M1	Milestone for KD05	0		14-Nov-18	-59	▲											
10016b	Ready for Tunnel opening	0		14-Nov-18	-276	▲											
10016b2	Anticipated tunnel opening	0		14-Nov-18	-120	▲											
APS Efficiency Test / TCSS Operability Test / Establishment																	
10194a	TCSS - Operability Test Plan Approval	24	17-Sep-18 A	02-Nov-18	-90	[Gantt bar: 17-Sep-18 to 02-Nov-18]											
9920	TCSS - Operability Tests for TCSS	61	19-Nov-18	18-Jan-19	-124	[Gantt bar: 19-Nov-18 to 18-Jan-19]											
9910a	APS - Arrangement of the Efficiency Test with TD and the tunnel operator	30	21-Nov-18	20-Dec-18	-126	[Gantt bar: 21-Nov-18 to 20-Dec-18]											
9910b	APS - Record the APS efficiency	10	21-Dec-18	30-Dec-18	-126	[Gantt bar: 21-Dec-18 to 30-Dec-18]											
9910c	APS - Preparation of the test results for ER approval	7	31-Dec-18	06-Jan-19	-126	[Gantt bar: 31-Dec-18 to 06-Jan-19]											
9910d	APS - ER approval on the APS Efficiency Test	14	07-Jan-19	20-Jan-19	-126	[Gantt bar: 07-Jan-19 to 20-Jan-19]											
10218	TCSS - Test results documentation (after TCSS operability tests completion)	0		18-Jan-19	-124	▲											
10224	TCSS - List of all consumables (after TCSS operability tests completion)	0		18-Jan-19	-124	▲											
Training / Plan / Manual / As-Built Drawings for Project Completion																	
192114	As-Built Drawings submission	0		20-Oct-18*	-33	◆											
Operation Manual for CWB Opening																	
10198a	Operation Manual for CWB opening - Draft submission (Cost Centre 9C. 9D)	24	27-Dec-17 A	26-Oct-18	-47	[Gantt bar: 27-Dec-17 to 26-Oct-18]											
10198c	Operation Manual for CWB opening - Draft submission (Cost Centre 9G)	12	03-May-18 A	26-Oct-18	-32	[Gantt bar: 03-May-18 to 26-Oct-18]											
10198	Operation Manual for CWB opening - Draft submission (Cost Centre 9A. 9B)	12	18-Jul-18 A	26-Oct-18	-47	[Gantt bar: 18-Jul-18 to 26-Oct-18]											
10198b	Operation Manual for CWB opening - Draft submission (Cost Centre 9E. 9F)	12	26-Jul-18 A	26-Oct-18	-47	[Gantt bar: 26-Jul-18 to 26-Oct-18]											
10198d	Operation Manual for CWB opening - Draft submission (Cost Centre 9H, 9I)	12	08-Aug-18 A	26-Oct-18	-47	[Gantt bar: 08-Aug-18 to 26-Oct-18]											
191281	Operation Manual for CWB opening - Draft (Cost Centre 9A. 9B) Approval	12	09-Aug-18 A	26-Oct-18	-47	[Gantt bar: 09-Aug-18 to 26-Oct-18]											
19128a1	Operation Manual for CWB opening - Draft (Cost Centre 9C. 9D) Approval	12	14-Aug-18 A	26-Oct-18	-38	[Gantt bar: 14-Aug-18 to 26-Oct-18]											
19128c1	Operation Manual for CWB opening - Draft (Cost Centre 9G) Approval	12	21-Aug-18 A	26-Oct-18	-32	[Gantt bar: 21-Aug-18 to 26-Oct-18]											
10196a	Operation Manual for CWB opening - Final submission (Cost Centre 9C, 9D)	12	06-Sep-18 A	26-Oct-18	-38	[Gantt bar: 06-Sep-18 to 26-Oct-18]											

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						Oct		Nov	Dec	Jan
19128b1	Operation Manual for CWB opening - Draft (Cost Centre 9E, 9F) Approval	12	08-Sep-18 A	26-Oct-18	-47					
19128d1	Operation Manual for CWB opening - Draft (Cost Centre 9H, 9I) Approval	12	11-Sep-18 A	26-Oct-18	-47					
19196a1	Operation Manual for CWB opening - Final (Cost Centre 9C, 9D) Approval	12	20-Oct-18	02-Nov-18	-38					
10196	Operation Manual for CWB opening - Final submission (Cost Centre 9A, 9B)	12	27-Oct-18	09-Nov-18	-47					
10196b	Operation Manual for CWB opening - Final submission (Cost Centre 9E, 9F)	12	27-Oct-18	09-Nov-18	-47					
10196d	Operation Manual for CWB opening - Final submission (Cost Centre 9H, 9I)	12	27-Oct-18	09-Nov-18	-47					
10196c	Operation Manual for CWB opening - Final submission (Cost Centre 9G)	12	31-Oct-18	13-Nov-18	-47					
101961	Operation Manual for CWB opening - Final (Cost Centre 9A, 9B) Approval	12	31-Oct-18	13-Nov-18	-47					
19196b1	Operation Manual for CWB opening - Final (Cost Centre 9E, 9F) Approval	12	31-Oct-18	13-Nov-18	-47					
19196c1	Operation Manual for CWB opening - Final (Cost Centre 9G) Approval	12	31-Oct-18	13-Nov-18	-47					
19196d1	Operation Manual for CWB opening - Final (Cost Centre 9H, 9I) Approval	12	31-Oct-18	13-Nov-18	-47					
Training Material for CWB Opening										
10212	Training Material for CWB opening - Final submission	18	05-Sep-18 A	25-Sep-18 A						
10212a	Training Material for CWB opening - Final approval	18	26-Sep-18 A	16-Oct-18 A						
Maintenance Manual / Plan										
10200	Maintenance Plan	18	26-Sep-18 A	16-Oct-18 A						
10220	Maintenance Manual / logbook - Draft submission	18	17-Oct-18 A	02-Nov-18	-128					
10220a	Maintenance Manual / logbook - Draft approval	18	03-Nov-18	23-Nov-18	-128					
10222	Maintenance Manual / logbook - Final submission	18	24-Nov-18	14-Dec-18	-128					
10222a	Maintenance Manual / logbook - Final approval	18	15-Dec-18	08-Jan-19	-128					
Equipment Maintenance and Services Manuals										
10202	Equipment Maintenance and Service Manuals - Draft submission	18	24-Nov-18	14-Dec-18	-128					
10202a	Equipment Maintenance and Service Manuals - Draft approval	18	15-Dec-18	08-Jan-19	-128					
10204	Equipment Maintenance and Service Manuals - Final submission	18	09-Jan-19	29-Jan-19	-128					

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