FILE: 3M59 (Rev.00)

Sheet 1 of 7

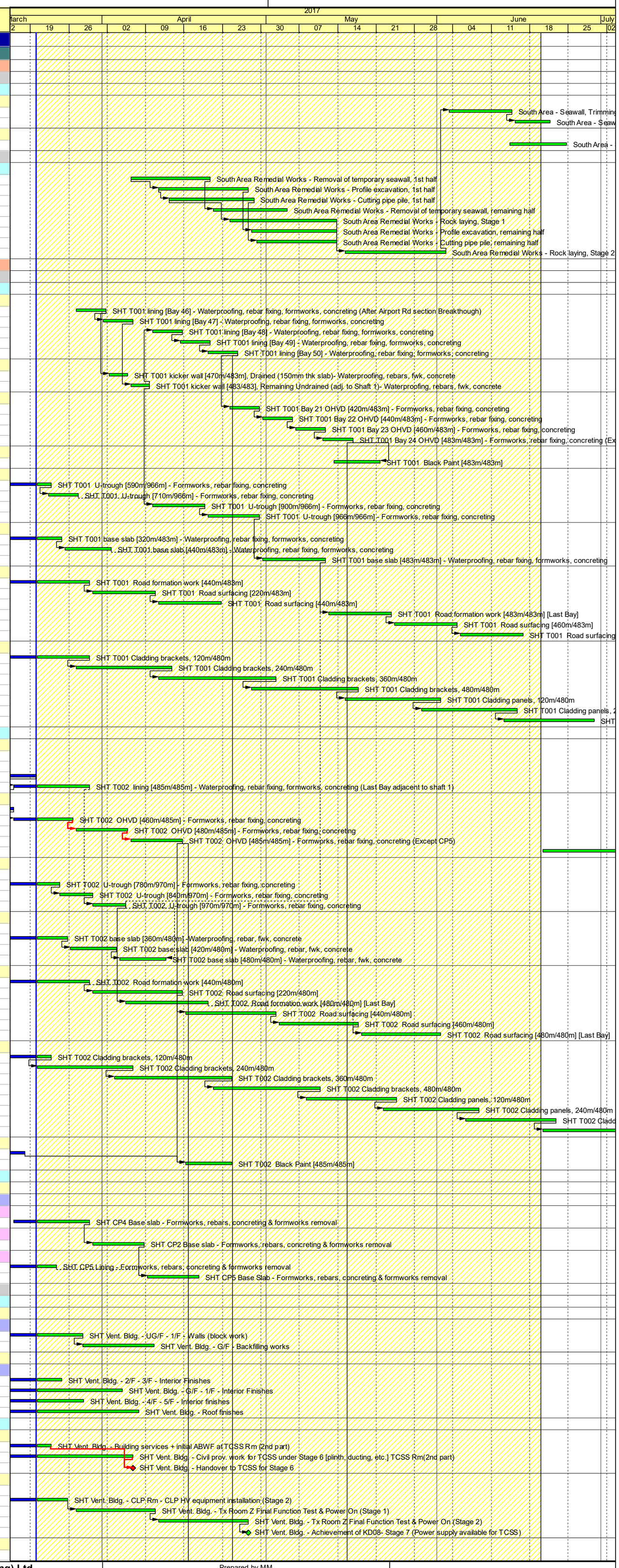
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(Apr 2017 to Jun 2017)

Layout HZMB - (3M59 Rolling Prog)

TASK filters: 3M59, HZMB No Level Effort.

Activity ID	Activity Name
3 MONTHS PROGRAMME HY/2011/03 (Apr 2017 to Jun 2017)(Rev0)	
WORKS IN SOUTH AREA - CH 13+516 to CH 15+050 (SCENIC HILL TUNNEL, MT & CCT)	
Reclamation Works	
Outstanding Reclamation Works - SWCH 0+000 to SWCH 0+450	
Seawall Construction	
SWCH 0+000 to SWCH 0+080 - 80m	
SW1550	South Area - Seawall, Trimming & Laying Geotextile along seawall line
SW1560	South Area - Seawall, Rockfill Core
SWCH 0+150 to SWCH 0+240 - 90m	
SW1450	South Area - Seawall, Trimming & Laying Geotextile along seawall line (after PR10 permanent diversion)
Area 1: Outstanding Remedial Works to Seawall - SWCH 0+530 to SWCH 0+800 (270m)	
Permanent Seawall	
A1120	South Area Remedial Works - Removal of temporary seawall, 1st half
A1122	South Area Remedial Works - Profile excavation, 1st half
A1124	South Area Remedial Works - Cutting pipe pile, 1st half
A1121	South Area Remedial Works - Removal of temporary seawall, remaining half
A1143	South Area Remedial Works - Rock laying, Stage 1
A1123	South Area Remedial Works - Profile excavation, remaining half
A1133	South Area Remedial Works - Cutting pipe pile, remaining half
A1153	South Area Remedial Works - Rock laying, Stage 2
SHT Mined Tunnel Works at Scenic Hill	
Mined Tunnel through Scenic Hill [480m Approx.]	
To Zhuhai-Macao [4-Lane] Carriageway - T001	
T001 Lining	
SHT4990	SHT T001 lining [Bay 46] - Waterproofing, rebar fixing, formworks, concreting (After Airport Rd section Breakthough)
SHT5010	SHT T001 lining [Bay 47] - Waterproofing, rebar fixing, formworks, concreting
SHT5020	SHT T001 lining [Bay 48] - Waterproofing, rebar fixing, formworks, concreting
SHT5030	SHT T001 lining [Bay 49] - Waterproofing, rebar fixing, formworks, concreting
SHT5040	SHT T001 lining [Bay 50] - Waterproofing, rebar fixing, formworks, concreting
T001 Kicker Wall	
SHT4000-19	SHT T001 kicker wall [470m/483m], Drained (150mm thk slab)- Waterproofing, rebars, fwk, concrete
SHT4000-29	SHT T001 kicker wall [483/483], Remaining Undrained (adj. to Shaft 1)- Waterproofing, rebars, fwk, concrete
T001 OHVD	
SHT5110-120	SHT T001 Bay 21 OHVD [420m/483m] - Formworks, rebar fixing, concreting
SHT5110-140	SHT T001 Bay 22 OHVD [440m/483m] - Formworks, rebar fixing, concreting
SHT5110-150	SHT T001 Bay 23 OHVD [460m/483m] - Formworks, rebar fixing, concreting
SHT5110-130	SHT T001 Bay 24 OHVD [483m/483m] - Formworks, rebar fixing, concreting (Except CP5)
T001 Tunnel Black Paint	
SHT7510-665	SHT T001 Black Paint [483m/483m]
T001 Utility Trough	
SHT7510-295	SHT T001 U-trough [590m/966m] - Formworks, rebar fixing, concreting
SHT7510-305	SHT T001 U-trough [710m/966m] - Formworks, rebar fixing, concreting
SHT7510-315	SHT T001 U-trough [900m/966m] - Formworks, rebar fixing, concreting
SHT7510-325	SHT T001 U-trough [966m/966m] - Formworks, rebar fixing, concreting
T001 Base Slab	
SHT4080	SHT T001 base slab [320m/483m] - Waterproofing, rebar fixing, formworks, concreting
SHT4090	SHT T001 base slab [440m/483m] - Waterproofing, rebar fixing, formworks, concreting
SHT4100	SHT T001 base slab [483m/483m] - Waterproofing, rebar fixing, formworks, concreting
T001 Roadworks	
SHT7510-515	SHT T001 Road formation work [440m/483m]
SHT7510-535	SHT T001 Road surfacing [220m/483m]
SHT7510-545	SHT T001 Road surfacing [440m/483m]
SHT7510-615	SHT T001 Road formation work [483m/483m] [Last Bay]
SHT7510-635	SHT T001 Road surfacing [460m/483m]
SHT7510-625	SHT T001 Road surfacing [483m/483m] [Last Bay] + Road Marking
T001 Tunnel Cladding	
SHT7510-685	SHT T001 Cladding brackets, 120m/480m
SHT7510-695	SHT T001 Cladding brackets, 240m/480m
SHT7510-705	SHT T001 Cladding brackets, 360m/480m
SHT7510-715	SHT T001 Cladding brackets, 480m/480m
SHT7510-745	SHT T001 Cladding panels, 120m/480m
SHT7510-755	SHT T001 Cladding panels, 240m/480m
SHT7510-765	SHT T001 Cladding panels, 360m/480m
To HKBCF [3-Lane] Carriageway - T002	
T002 Lining	
SHT7520	SHT T002 lining [459m/485m] - Waterproofing, rebar fixing, formworks, concreting
SHT7530	SHT T002 lining [469m/485m] - Waterproofing, rebar fixing, formworks, concreting
SHT7540	SHT T002 lining [479m/485m] - Waterproofing, rebar fixing, formworks, concreting
SHT7550	SHT T002 lining [485m/485m] - Waterproofing, rebar fixing, formworks, concreting (Last Bay adjacent to shaft 1)
T002 OHVD	
SHT7510-22	SHT T002 OHVD [440m/485m] - Formworks, rebar fixing, concreting
SHT7510-23	SHT T002 OHVD [460m/485m] - Formworks, rebar fixing, concreting
SHT7510-24	SHT T002 OHVD [480m/485m] - Formworks, rebar fixing, concreting
SHT7510-25	SHT T002 OHVD [485m/485m] - Formworks, rebar fixing, concreting (Except CP5)
SHT7510	SHT T002 - OHVD precast
T002 Utility Trough	
SHT7510-255	SHT T002 U-trough [720m/970m] - Formworks, rebar fixing, concreting (Except Bay of CP5)
SHT7510-265	SHT T002 U-trough [780m/970m] - Formworks, rebar fixing, concreting
SHT7510-275	SHT T002 U-trough [840m/970m] - Formworks, rebar fixing, concreting
SHT7510-285	SHT T002 U-trough [970m/970m] - Formworks, rebar fixing, concreting
T002 Base Slab	
SHT6580	SHT T002 base slab [300m/480m] - Waterproofing, rebar, fwk, concrete
SHT6590	SHT T002 base slab [360m/480m] -Waterproofing, rebar, fwk, concrete
SHT6600	SHT T002 base slab [420m/480m] - Waterproofing, rebar, fwk, concrete
SHT6610	SHT T002 base slab [480m/480m] - Waterproofing, rebar, fwk, concrete
T002 Roadworks	
SHT7510-455	SHT T002 Road formation work [440m/480m]
SHT7510-475	SHT T002 Road surfacing [220m/480m]
SHT7510-465	SHT T002 Road formation work [480m/480m] [Last Bay]
SHT7510-485	SHT T002 Road surfacing [440m/480m]
SHT7510-525	SHT T002 Road surfacing [460m/480m]
SHT7510-495	SHT T002 Road surfacing [480m/480m] [Last Bay]
T002 Tunnel Cladding	
SHT7510-785	SHT T002 Cladding brackets, 120m/480m
SHT7510-795	SHT T002 Cladding brackets, 240m/480m
SHT7510-805	SHT T002 Cladding brackets, 360m/480m
SHT7510-815	SHT T002 Cladding brackets, 480m/480m
SHT7510-835	SHT T002 Cladding panels, 120m/480m
SHT7510-845	SHT T002 Cladding panels, 240m/480m
SHT7510-855	SHT T002 Cladding panels, 360m/480m
SHT7510-865	SHT T002 Cladding panels, 480m/480m
T002 Tunnel Black Paint	
SHT7510-586	SHT T002 Black Paint [421m/485m]
SHT7510-595	SHT T002 Black Paint [485m/485m]
Cross Passages	
Civil & Structural and E&M Works	
Cross Passage At Mined Tunnel - 5 nos.	
Cross Passage - CP4	
SHT9060-120	SHT CP4 Base slab - Formworks, rebars, concreting & formworks removal
Cross Passage - CP2	
SHT9060-9	SHT CP2 Base slab - Formworks, rebars, concreting & formworks removal
Cross Passage - CP5	
SHT9060-19	SHT CP5 Lining - Formworks, rebars, concreting & formworks removal
SHT9060-29	SHT CP5 Base Slab - Formworks, rebars, concreting & formworks removal
Ventilation Building	
RC Works	
Area between D-E/1-6	
Upper Ground Floor - 1st Floor	
SHT8692	SHT Vent. Bldg. - UG/F - 1/F - Walls (block work)
SHT8432	SHT Vent. Bldg. - G/F - Backfilling works
ABWF	
Internal Finishing	
SHT10128	SHT Vent. Bldg. - 2/F - 3/F - Interior Finishes
SHT10118	SHT Vent. Bldg. - G/F - 1/F - Interior Finishes
SHT10138	SHT Vent. Bldg. - 4/F - 5/F - Interior finishes
SHT10148	SHT Vent. Bldg. - Roof finishes
E&M Works	
Interface with TCSS	
SHT8181	SHT Vent. Bldg. - Building services + initial ABWF at TCSS Rm (2nd part)
SHT8126	SHT Vent. Bldg. - Civil prov. work for TCSS under Stage 6 [plinth, ducting, etc.] TCSS Rm(2nd part)
SHT9630	SHT Vent. Bldg. - Handover to TCSS for Stage 6
Interface with CLP: CLP Substation Z (at G/F)	
SHT8390	SHT Vent. Bldg. - CLP Rm - CLP HV equipment installation (Stage 1)
SHT8391	SHT Vent. Bldg. - CLP Rm - CLP HV equipment installation (Stage 2)
SHT8420	SHT Vent. Bldg. - Tx Room Z Final Function Test & Power On (Stage 1)
SHT8421	SHT Vent. Bldg. - Tx Room Z Final Function Test & Power On (Stage 2)
SHT8130	SHT Vent. Bldg. - Achievement of KD08- Stage 7 (Power supply available for TCSS)
E&M Switch Rm Installation by Contractor	
SHT8121	SHT Vent. Bldg. - E&M works Switch Rm (Area 2)



Works Programme
Works Programme
Works Programme
Milestone
Milestone
Works Programme

China State Construction Engineering (Hong Kong) Ltd -

Contract No. HY/2011/03 - HZMB, Hong Kong Link Road

, Section between Scenic Hill and HKBCF

Prepared by MM

Date	Revision	Checked	Approved
13-Apr-17		WC	SYT

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

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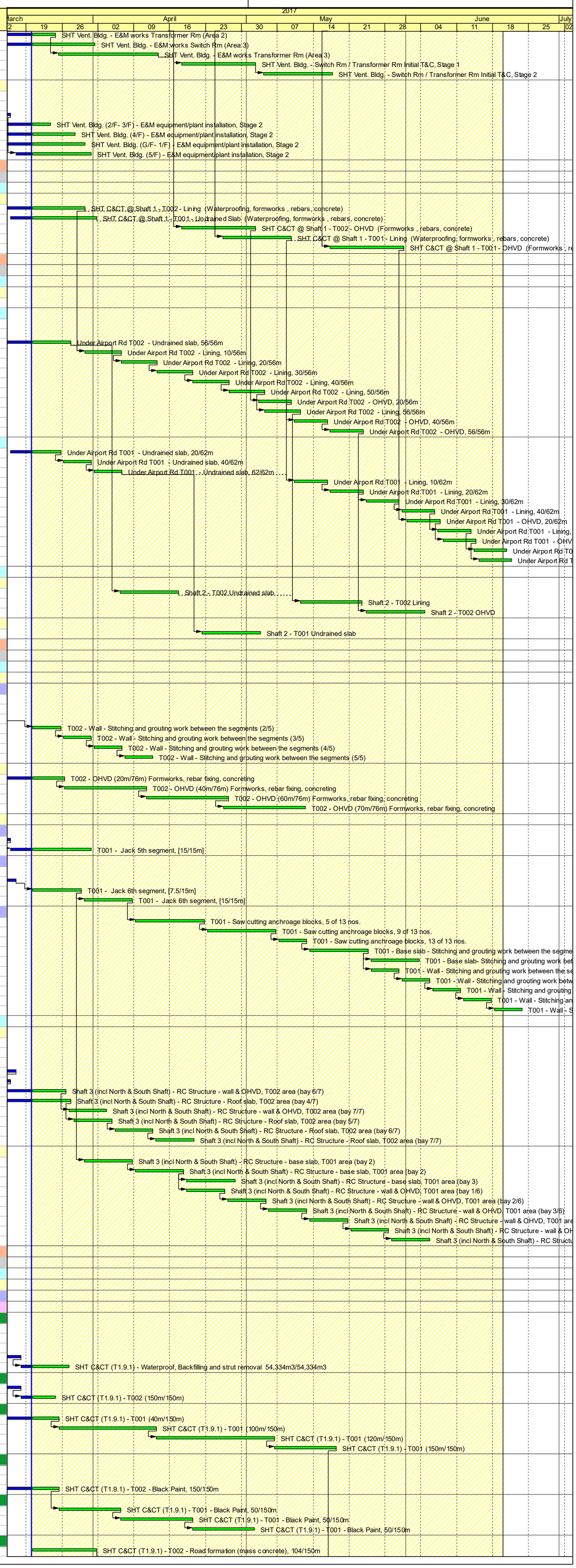
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(Apr 2017 to Jun 2017)

Layout HZMB - (3M59 Rolling Prog)

TASK filters: 3M59, HZMB No Level Effort.

Activity ID	Activity Name
SHT8440	SHT Vent. Bldg. - E&M works Transformer Rm (Area 2)
SHT8124	SHT Vent. Bldg. - E&M works Switch Rm (Area 3)
SHT8450	SHT Vent. Bldg. - E&M works Transformer Rm (Area 3)
SHT8095	SHT Vent. Bldg. - Switch Rm / Transformer Rm Initial T&C, Stage 1
SHT8105	SHT Vent. Bldg. - Switch Rm / Transformer Rm Initial T&C, Stage 2
E&M Equipment /Plant Installation excepy Switch Room)	
SHT8145	SHT Vent. Bldg. (4/F) - E&M equipment/plant installation, Stage 1
SHT8165	SHT Vent. Bldg. (G/F- 1/F) - E&M equipment/plant installation, Stage 1
SHT8185	SHT Vent. Bldg. (5/F) - E&M equipment/plant installation, Stage 1
SHT8135	SHT Vent. Bldg. (2/F- 3/F) - E&M equipment/plant installation, Stage 2
SHT8155	SHT Vent. Bldg. (4/F) - E&M equipment/plant installation, Stage 2
SHT8175	SHT Vent. Bldg. (G/F- 1/F) - E&M equipment/plant installation, Stage 2
SHT8195	SHT Vent. Bldg. (5/F) - E&M equipment/plant installation, Stage 2
CCT Works across Airport Road at Ch 14+016 to 14+222 (206m)	
CCT [East Access Shaft] (Shaft 1)	
Civil & Structurals Works	
ELS Works	
SHT1089-69	SHT C&CT @ Shaft 1 - T002 - Lining (Waterproofing, formworks , rebars, concrete)
SHT1089-59	SHT C&CT @ Shaft 1 - T001 - Undrained Slab (Waterproofing, formworks , rebars, concrete)
SHT1089-89	SHT C&CT @ Shaft 1 - T002 - OHVD (Formworks , rebars, concrete)
SHT1089-79	SHT C&CT @ Shaft 1 - T001 - Lining (Waterproofing, formworks , rebars, concrete)
SHT1089-99	SHT C&CT @ Shaft 1 - T001 - OHVD (Formworks , rebars, concrete)
Mined Tunnel Under Airport Road between SHAFT 1 & SHAFT 2(by Drill & Break)	
Mined Tunnel Works - Drive from Shaft 2 (by Drill & Break)	
ELS (Shaft 2) - T001 and T002	
ELS and Front Nail/Tie Back	
SHT2122-370	T001&T002 - Cutting pipe pile AEL side
T002 Tunnel Slab, Lining, OHVD	
SHT2140-01	Under Airport Rd T002 - Undrained slab, 20/56m
SHT2140-02	Under Airport Rd T002 - Undrained slab, 40/56m
SHT2140-03	Under Airport Rd T002 - Undrained slab, 56/56m
SHT2140-04	Under Airport Rd T002 - Lining, 10/56m
SHT2140-05	Under Airport Rd T002 - Lining, 20/56m
SHT2140-06	Under Airport Rd T002 - Lining, 30/56m
SHT2140-07	Under Airport Rd T002 - Lining, 40/56m
SHT2140-08	Under Airport Rd T002 - Lining, 50/56m
SHT2140-10	Under Airport Rd T002 - OHVD, 20/56m
SHT2140-09	Under Airport Rd T002 - Lining, 56/56m
SHT2140-11	Under Airport Rd T002 - OHVD, 40/56m
SHT2140-12	Under Airport Rd T002 - OHVD, 56/56m
T001 Tunnel Slab, Lining, OHVD	
SHT2140-13	Under Airport Rd T001 - Undrained slab, 20/62m
SHT2140-14	Under Airport Rd T001 - Undrained slab, 40/62m
SHT2140-15	Under Airport Rd T001 - Undrained slab, 62/62m
SHT2140-16	Under Airport Rd T001 - Lining, 10/62m
SHT2140-17	Under Airport Rd T001 - Lining, 20/62m
SHT2140-18	Under Airport Rd T001 - Lining, 30/62m
SHT2140-19	Under Airport Rd T001 - Lining, 40/62m
SHT2140-22	Under Airport Rd T001 - OHVD, 20/62m
SHT2140-20	Under Airport Rd T001 - Lining, 50/62m
SHT2140-23	Under Airport Rd T001 - OHVD, 40/62m
SHT2140-21	Under Airport Rd T001 - Lining, 62/62m
SHT2140-24	Under Airport Rd T001 - OHVD, 62/62m
SHAFT 2 - Lining Works	
T002 Tunnel Slab, Lining, OHVD	
SHT2140-25	Shaft 2 - T002 Undrained slab
SHT2140-26	Shaft 2 - T002 Lining
SHT2140-27	Shaft 2 - T002 OHVD
T001 Tunnel Slab, Lining, OHVD	
SHT2140-28	Shaft 2 - T001 Undrained slab
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175	
Civil & Structural Works	
SHT Works under AEL(BOX JACKING) - By Double Jack - 7days 24 hrs	
Box Casting/Jacking - T002 (24 hours working period)	
T002 - Segment (Stitching and Grouting)	
BXJ-15072	T002 - Saw cutting anchroage blocks, 13 of 13 nos.
BXJ-15811	T002 - Base slab- Stitching and grouting work between the segments (5/5)
BXJ-15851	T002 - Wall - Stitching and grouting work between the segments (1/5)
BXJ-15861	T002 - Wall - Stitching and grouting work between the segments (2/5)
BXJ-15871	T002 - Wall - Stitching and grouting work between the segments (3/5)
BXJ-15881	T002 - Wall - Stitching and grouting work between the segments (4/5)
BXJ-15891	T002 - Wall - Stitching and grouting work between the segments (5/5)
T002- OHVD	
BXJ-15761	T002 - OHVD (20m/76m) Formworks, rebar fixing, concreting
BXJ-15771	T002 - OHVD (40m/76m) Formworks, rebar fixing, concreting
BXJ-15781	T002 - OHVD (60m/76m) Formworks, rebar fixing, concreting
BXJ-15791	T002 - OHVD (70m/76m) Formworks, rebar fixing, concreting
Box Casting/Jacking - T001 (24 hours working period)	
T001 - 5th Segment	
BXJ-15681	T001 - Jack 5th segment, [7.5/15m]
BXJ-15691	T001 - Jack 5th segment, [15/15m]
T001 - 6th Segment	
BXJ-15741	T001 - Cast 6th segment (Base slab) - 1st stage, formworks, rebars, concrete
BXJ-15751	T001 - Cast 6th segment (Wall & Roof)- 2nd stage, formworks, rebars, concrete
BXJ-15721	T001 - Jack 6th segment, [7.5/15m]
BXJ-15731	T001 - Jack 6th segment, [15/15m]
T001 - Segment (Stitching and Grouting)-	
BXJ-15921	T001 - Saw cutting anchroage blocks, 5 of 13 nos.
BXJ-15922	T001 - Saw cutting anchroage blocks, 9 of 13 nos.
BXJ-15931	T001 - Saw cutting anchroage blocks, 13 of 13 nos.
BXJ-15901	T001 - Base slab - Stitching and grouting work between the segments (3/5)
BXJ-15911	T001 - Base slab- Stitching and grouting work between the segments (5/5)
BXJ-15941	T001 - Wall - Stitching and grouting work between the segments (1/5)
BXJ-15951	T001 - Wall - Stitching and grouting work between the segments (2/5)
BXJ-15961	T001 - Wall - Stitching and grouting work between the segments (3/5)
BXJ-15971	T001 - Wall - Stitching and grouting work between the segments (4/5)
BXJ-15981	T001 - Wall - Stitching and grouting work between the segments (5/5)
SHAFT 3 - CCT RC Works for East Access Shaft (after completion of Box Jacking)	
T002 - RC Structure	
SHT2140-100	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T002 area (bay 3/7)
SHT2140-160	Shaft 3 (incl North & South Shaft) - RC Structure - Roof slab, T002 area (bay 2/7)
SHT2140-110	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T002 area (bay 4/7)
SHT2140-170	Shaft 3 (incl North & South Shaft) - RC Structure - Roof slab, T002 area (bay 3/7)
SHT2140-120	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T002 area (bay 5/7)
SHT2140-130	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T002 area (bay 6/7)
SHT2140-180	Shaft 3 (incl North & South Shaft) - RC Structure - Roof slab, T002 area (bay 4/7)
SHT2140-140	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T002 area (bay 7/7)
SHT2140-190	Shaft 3 (incl North & South Shaft) - RC Structure - Roof slab, T002 area (bay 5/7)
SHT2140-200	Shaft 3 (incl North & South Shaft) - RC Structure - Roof slab, T002 area (bay 6/7)
SHT2140-210	Shaft 3 (incl North & South Shaft) - RC Structure - Roof slab, T002 area (bay 7/7)
T001 - RC Structure	
SHT2140-220	Shaft 3 (incl North & South Shaft) - RC Structure - base slab, T001 area (bay 2)
SHT2140-230	Shaft 3 (incl North & South Shaft) - RC Structure - base slab, T001 area (bay 2)
SHT2140-240	Shaft 3 (incl North & South Shaft) - RC Structure - base slab, T001 area (bay 3)
SHT2140-250	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 1/6)
SHT2140-260	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 2/6)
SHT2140-270	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 3/6)
SHT2140-280	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 4/6)
SHT2140-290	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 5/6)
SHT2140-300	Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 6/6)
CCT Works over Reclaimed Area at Ch 14+212 to Ch 15+050 (828m)	
CCT Works - on New Reclamation [490m Approx.]	
CCT Works in Remaining Section [325m Approx.][Ch 14+375 to Ch 14+700]	
Civil & Structurals Works	
ELS - Tunnel SHT- C&CT (T1.9.1 + Ext. Ch14+315 to Ch14+452/(Ch14+322 to Ch14+474)	
CCT RC Works(T1.9.1+Extension)	
T001 + T002 (1.9.1) - Backfilling	
SHT1868-705	SHT C&CT (T1.9.1) - Waterproof, Backfilling and strut removal 24,000m3/54,334m3
SHT1868-715	SHT C&CT (T1.9.1) - Waterproof, Backfilling and strut removal 32,000m3/54,334m3
SHT1868-725	SHT C&CT (T1.9.1) - Waterproof, Backfilling and strut removal 40,000m3/54,334m3
SHT1868-735	SHT C&CT (T1.9.1) - Waterproof, Backfilling and strut removal 48,000m3/54,334m3
SHT1868-745	SHT C&CT (T1.9.1) - Waterproof, Backfilling and strut removal 54,334m3/54,334m3
T002 (1.9.1) - Utilities Trough	
SHT1868-665	SHT C&CT (T1.9.1) - T002 (120m/150m)
SHT1868-675	SHT C&CT (T1.9.1) - T002 (150m/150m)
T001 (1.9.1) - Utilities Trough	
SHT1868-565	SHT C&CT (T1.9.1) - T001 (40m/150m)
SHT1868-575	SHT C&CT (T1.9.1) - T001 (100m/150m)
SHT1868-585	SHT C&CT (T1.9.1) - T001 (120m/150m)
SHT1868-595	SHT C&CT (T1.9.1) - T001 (150m/150m)
T002 (1.9.1) - Tunnel Black Paint	
SHT9720-230	SHT C&CT (T1.9.1) - T002 - Black Paint, 50/150m
SHT9720-240	SHT C&CT (T1.9.1) - T002 - Black Paint, 100/150m
SHT9720-250	SHT C&CT (T1.9.1) - T002 - Black Paint, 150/150m
T001(1.9.1) - Tunnel Black Paint	
SHT9720-260	SHT C&CT (T1.9.1) - T001 - Black Paint, 50/150m
SHT9720-270	SHT C&CT (T1.9.1) - T001 - Black Paint, 50/150m
SHT9720-280	SHT C&CT (T1.9.1) - T001 - Black Paint, 50/150m
T002 (1.9.1) - Roadworks (Road formation, Surfacing and Road Marking)	
SHT9720-130	SHT C&CT (T1.9.1) - T002 - Road formation (mass concrete), 104/150m



FILE: 3M59 (Rev.00)

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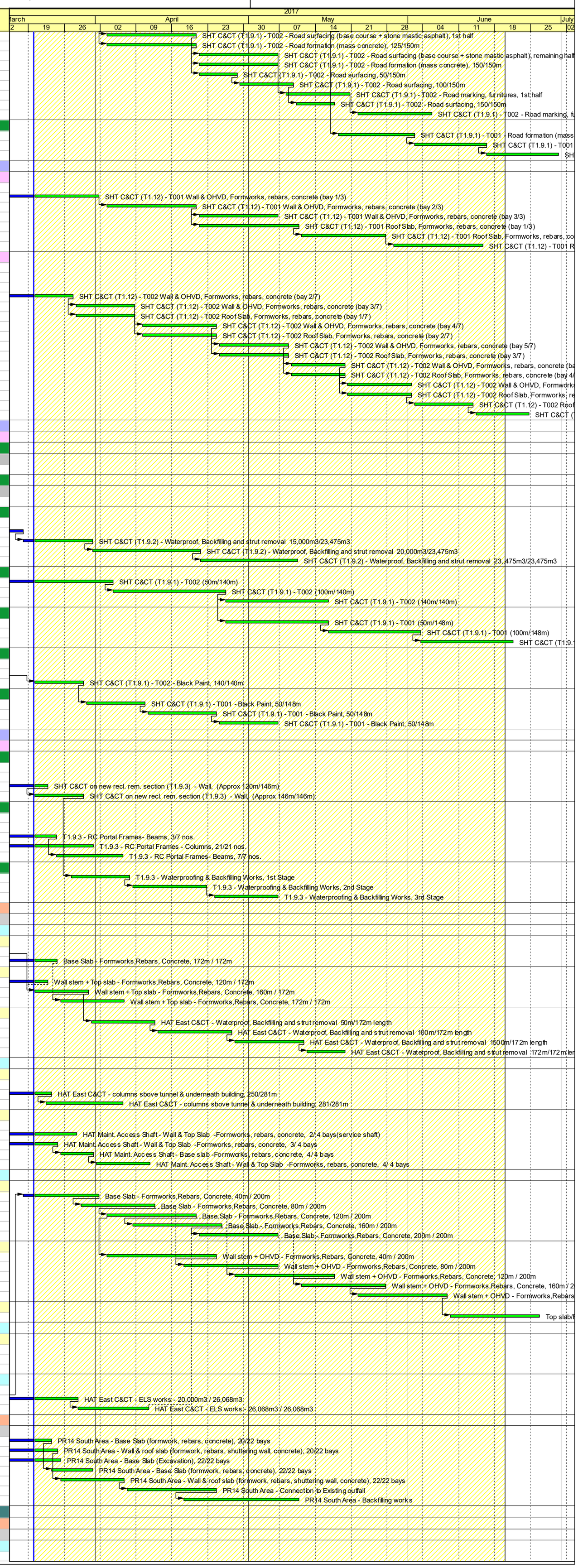
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(Apr 2017 to Jun 2017)

Layout HZMB - (3M59 Rolling Prog)

TASK filters: 3M59, HZMB No Level Effort.

Activity ID	Activity Name
SHT9720-140	SHT C&CT (T1.9.1) - T002 - Road surfacing (base course + stone mastic asphalt), 1st half
SHT9720-180	SHT C&CT (T1.9.1) - T002 - Road formation (mass concrete), 125/150m
SHT9720-150	SHT C&CT (T1.9.1) - T002 - Road surfacing (base course + stone mastic asphalt), remaining half
SHT9720-190	SHT C&CT (T1.9.1) - T002 - Road formation (mass concrete), 150/150m
SHT9720-200	SHT C&CT (T1.9.1) - T002 - Road surfacing, 50/150m
SHT9720-210	SHT C&CT (T1.9.1) - T002 - Road surfacing, 100/150m
SHT9720-160	SHT C&CT (T1.9.1) - T002 - Road marking, furnitures, 1st half
SHT9720-220	SHT C&CT (T1.9.1) - T002 - Road surfacing, 150/150m
SHT9720-170	SHT C&CT (T1.9.1) - T002 - Road marking, furnitures, remaining half
T001 (1.9.1) - Roadworks (Road formation, Surfacing and Road marking)	
SHT9730-100	SHT C&CT (T1.9.1) - T001 - Road formation (mass concrete), 50/150m
SHT9730-110	SHT C&CT (T1.9.1) - T001 - Road formation (mass concrete), 100/150m
SHT9730-120	SHT C&CT (T1.9.1) - T001 - Road formation (mass concrete), 150/150m
ELS - Tunnel SHT- C&CT (T1.12 Ch 14+264 to Ch 14+315)/(Ch 14+257 to Ch 14+322)	
T001 RC Structure	
SHT1925-205	SHT C&CT (T1.12) - T001 base slab, Formworks, rebars, concrete (bay 3/3)
SHT1925-235	SHT C&CT (T1.12) - T001 Wall & OHVD, Formworks, rebars, concrete (bay 1/3)
SHT1925-245	SHT C&CT (T1.12) - T001 Wall & OHVD, Formworks, rebars, concrete (bay 2/3)
SHT1925-255	SHT C&CT (T1.12) - T001 Wall & OHVD, Formworks, rebars, concrete (bay 3/3)
SHT1925-295	SHT C&CT (T1.12) - T001 Roof Slab, Formworks, rebars, concrete (bay 1/3)
SHT1925-305	SHT C&CT (T1.12) - T001 Roof Slab, Formworks, rebars, concrete (bay 2/3)
SHT1925-315	SHT C&CT (T1.12) - T001 Roof Slab, Formworks, rebars, concrete (bay 3/3)
T002 RC Structure	
SHT1925-195	SHT C&CT (T1.12) - T002 base slab, Formworks, rebars, concrete (bay 2/4)
SHT1925-215	SHT C&CT (T1.12) - T002 base slab, Formworks, rebars, concrete (bay 4/4)
SHT1925-365	SHT C&CT (T1.12) - T002 Wall & OHVD, Formworks, rebars, concrete (bay 1/7)
SHT1925-375	SHT C&CT (T1.12) - T002 Wall & OHVD, Formworks, rebars, concrete (bay 2/7)
SHT1925-385	SHT C&CT (T1.12) - T002 Wall & OHVD, Formworks, rebars, concrete (bay 3/7)
SHT1925-435	SHT C&CT (T1.12) - T002 Roof Slab, Formworks, rebars, concrete (bay 1/7)
SHT1925-395	SHT C&CT (T1.12) - T002 Wall & OHVD, Formworks, rebars, concrete (bay 4/7)
SHT1925-445	SHT C&CT (T1.12) - T002 Roof Slab, Formworks, rebars, concrete (bay 2/7)
SHT1925-405	SHT C&CT (T1.12) - T002 Wall & OHVD, Formworks, rebars, concrete (bay 5/7)
SHT1925-455	SHT C&CT (T1.12) - T002 Roof Slab, Formworks, rebars, concrete (bay 3/7)
SHT1925-415	SHT C&CT (T1.12) - T002 Wall & OHVD, Formworks, rebars, concrete (bay 6/7)
SHT1925-465	SHT C&CT (T1.12) - T002 Roof Slab, Formworks, rebars, concrete (bay 4/7)
SHT1925-425	SHT C&CT (T1.12) - T002 Wall & OHVD, Formworks, rebars, concrete (bay 7/7)
SHT1925-475	SHT C&CT (T1.12) - T002 Roof Slab, Formworks, rebars, concrete (bay 5/7)
SHT1925-485	SHT C&CT (T1.12) - T002 Roof Slab, Formworks, rebars, concrete (bay 6/7)
SHT1925-495	SHT C&CT (T1.12) - T002 Roof Slab, Formworks, rebars, concrete (bay 7/7)
ELS - Tunnel SHT- C&CT (T1.9.2 Ch 14+452 to Ch 14+597)/(Ch 14+474 to Ch 14+612)	
Excavation & Lateral Support (T1.9.2)	
Bay 1 (T002-Ch14+588 - Ch14+613, L = 25m); T001-Ch14+564 - Ch 14+598=34m)	
T001	
SHT1916-775	SHT C&CT on new recl. rem section (T1.9.2) - T001 Top Slab/Roof (34m/34m)
Bay 2 (T002-Ch14+542 - Ch14+588 L = 46m; T001-Ch14+522 - Ch14+564 = 42m)	
T001	
SHT1916-815	SHT C&CT on new recl. rem section (T1.9.2) - T001 Top Slab/Roof (42m/42)
T001 & T002 (T1.9.2) - Backfilling Works	
SHT1917-1	SHT C&CT (T1.9.2) - Waterproof, Backfilling and strut removal 5,000m3/23,475m3
SHT1917-2	SHT C&CT (T1.9.2) - Waterproof, Backfilling and strut removal 10,000m3/23,475m3
SHT1917-3	SHT C&CT (T1.9.2) - Waterproof, Backfilling and strut removal 15,000m3/23,475m3
SHT1917-4	SHT C&CT (T1.9.2) - Waterproof, Backfilling and strut removal 20,000m3/23,475m3
SHT1917-5	SHT C&CT (T1.9.2) - Waterproof, Backfilling and strut removal 23,,475m3/23,475m3
T002 (1.9.2) - Utilities Trough	
SHT1868-755	SHT C&CT (T1.9.1) - T002 (50m/140m)
SHT1868-765	SHT C&CT (T1.9.1) - T002 (100m/140m)
SHT1868-775	SHT C&CT (T1.9.1) - T002 (140m/140m)
T001 (1.9.2) - Utilities Trough	
SHT1868-825	SHT C&CT (T1.9.1) - T001 (50m/148m)
SHT1868-795	SHT C&CT (T1.9.1) - T001 (100m/148m)
SHT1868-805	SHT C&CT (T1.9.1) - T001 (148m/148m)
T002(T1.9.2) - Tunnel Black Paint	
SHT1868-815	SHT C&CT (T1.9.1) - T002 - Black Paint, 50/140m
SHT1868-835	SHT C&CT (T1.9.1) - T002 - Black Paint, 100/140m
SHT1868-845	SHT C&CT (T1.9.1) - T002 - Black Paint, 140/140m
T001(T1.9.2) - Tunnel Black Paint	
SHT1868-855	SHT C&CT (T1.9.1) - T001 - Black Paint, 50/148m
SHT1868-865	SHT C&CT (T1.9.1) - T001 - Black Paint, 50/148m
SHT1868-875	SHT C&CT (T1.9.1) - T001 - Black Paint, 50/148m
ELS - Tunnel SHT- C&CT (T1.9.3 Ch 14+597to Ch 14+727)/(Ch 14+612 to Ch+14+739)	
RC Works (T1.9.3)	
T001 & T002 - Wall	
SHT1923-152	SHT C&CT on new recl. rem. section (T1.9.3) - Wall, (Approx 80m/146m)
SHT1923-122	SHT C&CT on new recl. rem. section (T1.9.3) - Wall, (Approx 100m/146m)
SHT1923-162	SHT C&CT on new recl. rem. section (T1.9.3) - Wall, (Approx 120m/146m)
SHT1923-132	SHT C&CT on new recl. rem. section (T1.9.3) - Wall, (Approx 146m/146m)
RC Portal Frames	
SHT1923-182	T1.9.3 - RC Portal Frames - Columns, 12/21 nos.
SHT1923-252	T1.9.3 - RC Portal Frames - Columns, 17/21 nos.
SHT1923-202	T1.9.3 - RC Portal Frames- Beams, 3/7 nos.
SHT1923-192	T1.9.3 - RC Portal Frames - Columns, 21/21 nos.
SHT1923-242	T1.9.3 - RC Portal Frames- Beams, 7/7 nos.
Backfilling Works	
SHT1923-212	T1.9.3 - Waterproofing & Backfilling Works, 1st Stage
SHT1923-222	T1.9.3 - Waterproofing & Backfilling Works, 2nd Stage
SHT1923-232	T1.9.3 - Waterproofing & Backfilling Works, 3rd Stage
CCT Works for HAT East w/ Emergency Pedestrian Passage	
HAT Plant Building and Cut & Cover Tunnel, East Area [303m Approx.]	
RC CCT Work (Ch 0+768 to Ch0+940)	
Base slab (Ch0+768 to Ch0+940)	
HAT1868-805	Base Slab - Formworks,Rebars, Concrete, 160m / 172m
HAT1868-825	Base Slab - Formworks,Rebars, Concrete, 172m / 172m
Wall Stem + Top Slab (Ch0+768 to Ch0+940)	
HAT1868-855	Wall stem + Top slab - Formworks,Rebars, Concrete, 120m / 172m
HAT1868-865	Wall stem + Top slab - Formworks,Rebars, Concrete, 160m / 172m
HAT1868-875	Wall stem + Top slab - Formworks,Rebars, Concrete, 172m / 172m
Backfilling (Ch0+768 to Ch0+940)	
HAT1869-100	HAT East C&CT - Waterproof, Backfilling and strut removal 50m/172m length
HAT1869-110	HAT East C&CT - Waterproof, Backfilling and strut removal 100m/172m length
HAT1869-120	HAT East C&CT - Waterproof, Backfilling and strut removal 1500m/172m length
HAT1869-130	HAT East C&CT - Waterproof, Backfilling and strut removal 172m/172m length
RC Works Access Shaft and Columns to GL	
Columns to GL	
HAT1070-130	HAT East C&CT - columns sbove tunnel & underneath building, 200/281m
HAT1070-140	HAT East C&CT - columns sbove tunnel & underneath building, 250/281m
HAT1070-150	HAT East C&CT - columns sbove tunnel & underneath building, 281/281m
Access Shaft	
HAT1071-140	HAT Maint. Access Shaft - Wall & Top Slab -Formworks, rebars, concrete, 1/ 4 bays
HAT1071-160	HAT Maint. Access Shaft - Wall & Top Slab -Formworks, rebars, concrete, 2/ 4 bays(service shaft)
HAT1071-150	HAT Maint. Access Shaft - Wall & Top Slab -Formworks, rebars, concrete, 3/ 4 bays
HAT1071-130	HAT Maint. Access Shaft - Base slab -Formworks, rebars, concrete, 4/ 4 bays
HAT1071-170	HAT Maint. Access Shaft - Wall & Top Slab -Formworks, rebars, concrete, 4/ 4 bays
RC CCT Work(Ch 0+940 to Ch 1+140)	
Base slab(Ch 0+940 to Ch 1+140)	
HAT1868-935	Base Slab - Formworks,Rebars, Concrete, 40m / 200m
HAT1868-945	Base Slab - Formworks,Rebars, Concrete, 80m / 200m
HAT1868-955	Base Slab - Formworks,Rebars, Concrete, 120m / 200m
HAT1868-965	Base Slab - Formworks,Rebars, Concrete, 160m / 200m
HAT1868-975	Base Slab - Formworks,Rebars, Concrete, 200m / 200m
Wall Stem + Top Slab (Ch 0+940 to Ch 1+140)	
HAT1868-985	Wall stem + OHVD - Formworks,Rebars, Concrete, 40m / 200m
HAT1868-995	Wall stem + OHVD - Formworks,Rebars, Concrete, 80m / 200m
HAT1868-1005	Wall stem + OHVD - Formworks,Rebars, Concrete, 120m / 200m
HAT1868-1015	Wall stem + OHVD - Formworks,Rebars, Concrete, 160m / 200m
HAT1868-1025	Wall stem + OHVD - Formworks,Rebars, Concrete, 200m / 200m
Top slab/Roof (Ch 0+940 to Ch 1+140)	
HAT1868-1075	Top slab/Roof - Formworks,Rebars, Concrete, 200m / 200m
Foundation & Cofferdam (Ch 0+940 to Ch 1+140)	
Sheet Piling Works	
HAT1040-368	HAT East C&CT - Remaining FSPIII Sheet pile installation (500 nos/620 nos.)
HAT1040-378	HAT East C&CT - Remaining FSPIII Sheet pile installation (620 nos./620 nos.)
HAT3320-110	HAT East C&CT - Carry out Pump Test
ELS (Ch 0+940 to Ch 1+140)	
HAT3320-131	HAT East C&CT - ELS works - 15,000m3 / 26,068m3
HAT3320-141	HAT East C&CT - ELS works - 20,000m3 / 26,068m3
HAT3320-151	HAT East C&CT - ELS works - 26,068m3 / 26,068m3
Box Culvert Extension to outfall PR14 (457m Approx.)	
Box Culvert Extension to outfall PR14 (South Area, Bay S1 to S22)	
BC1110-121	PR14 South Area - Base Slab (formwork, rebars, concrete), 20/22 bays
BC1110-141	PR14 South Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 20/22 bays
BC1110-162	PR14 South Area - Base Slab (Excavation), 22/22 bays
BC1110-122	PR14 South Area - Base Slab (formwork, rebars, concrete), 22/22 bays
BC1110-142	PR14 South Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 22/22 bays
BC1110-181	PR14 South Area - Connection to Existing outfall
BC1110-191	PR14 South Area - Backfilling works
WORKS IN HAM(HIGHWAY OPERATION & MAINTENANCE AREA) & HAT CCT	
Administration Building	
ABWF & External Works	
Builder Works	
HMA4090	HMA Admin. Bldg.- G/F- all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test)1st Part



FILE: 3M59 (Rev.00)

Sheet 4 of 7

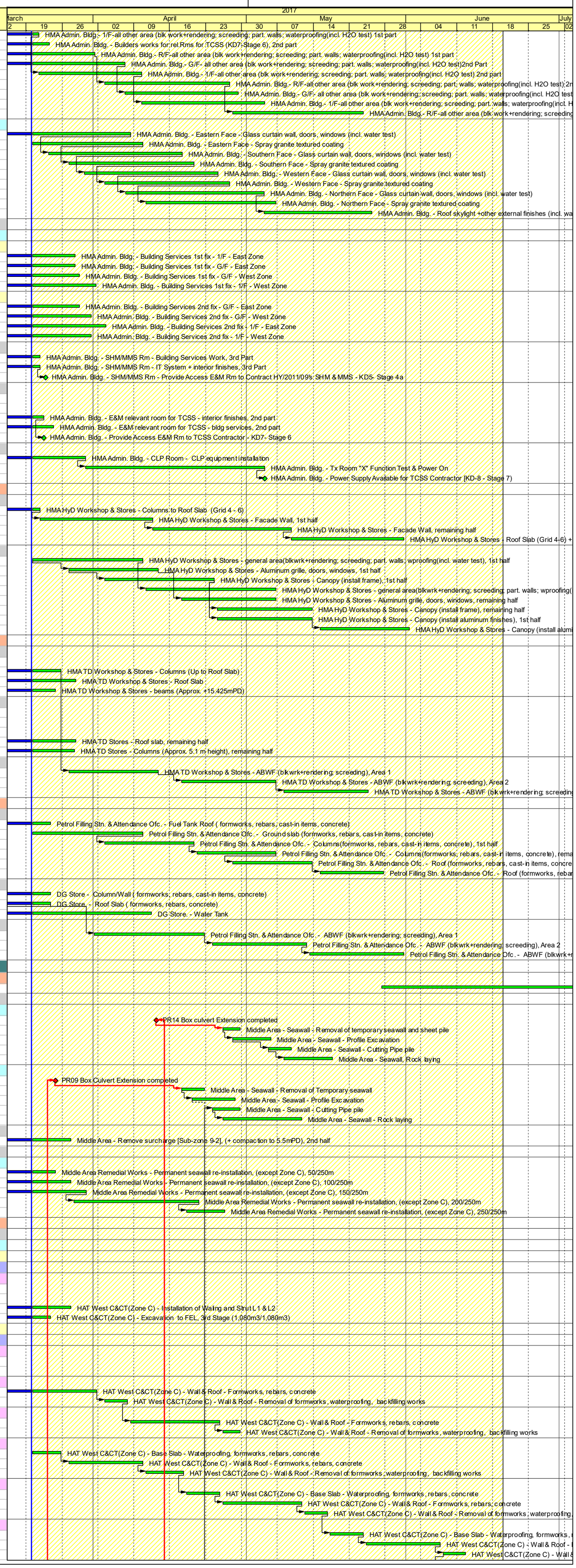
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(Apr 2017 to Jun 2017)

Layout HZMB - (3M59 Rolling Prog)

TASK filters: 3M59, HZMB No Level Effort.

Activity ID	Activity Name
HMA4100	HMA Admin. Bldg.- 1/F-all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test) 1st part
HMA4130	HMA Admin. Bldg. - Builders works for rel.Rms for TCSS (KD7-Stage 6), 2nd part
HMA4120	HMA Admin. Bldg.- R/F-all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test) 1st part
HMA4091	HMA Admin. Bldg.- G/F- all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test)2nd Part
HMA4101	HMA Admin. Bldg.- 1/F-all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test) 2nd part
HMA4121	HMA Admin. Bldg.- R/F-all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test) 2nd part
HMA4092	HMA Admin. Bldg.- G/F- all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test)3rd Part
HMA4102	HMA Admin. Bldg.- 1/F-all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test) 3rd part
HMA4122	HMA Admin. Bldg.- R/F-all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test),3rd part
External Works	
HMA4040	HMA Admin. Bldg. - Eastern Face - Glass curtain wall, doors, windows (incl. water test)
HMA4160	HMA Admin. Bldg. - Eastern Face - Spray granite textured coating
HMA4070	HMA Admin. Bldg. - Southern Face - Glass curtain wall, doors, windows (incl. water test)
HMA4170	HMA Admin. Bldg. - Southern Face - Spray granite textured coating
HMA4140	HMA Admin. Bldg. - Western Face - Glass curtain wall, doors, windows (incl. water test)
HMA4180	HMA Admin. Bldg. - Western Face - Spray granite textured coating
HMA4150	HMA Admin. Bldg. - Northern Face - Glass curtain wall, doors, windows (incl. water test)
HMA4190	HMA Admin. Bldg. - Northern Face - Spray granite textured coating
HMA4200	HMA Admin. Bldg. - Roof skylight +other external finishes (incl. water test)
E&M Works	
Building Services	
1st Fix	
HMA4214	HMA Admin. Bldg. - Building Services 1st fix - 1/F - East Zone
HMA4210	HMA Admin. Bldg. - Building Services 1st fix - G/F - East Zone
HMA4212	HMA Admin. Bldg. - Building Services 1st fix - G/F - West Zone
HMA4216	HMA Admin. Bldg. - Building Services 1st fix - 1/F - West Zone
2nd Fix	
HMA4218	HMA Admin. Bldg. - Building Services 2nd fix - G/F - East Zone
HMA4220	HMA Admin. Bldg. - Building Services 2nd fix - G/F - West Zone
HMA4222	HMA Admin. Bldg. - Building Services 2nd fix - 1/F - East Zone
HMA4224	HMA Admin. Bldg. - Building Services 2nd fix - 1/F - West Zone
E&M Works and Interface with HY2011/09 for SHM & MMS	
HMA1260-3	HMA Admin. Bldg. - SHM/MMS Rm - Building Services Work, 3rd Part
HMA1260-13	HMA Admin. Bldg. - SHM/MMS Rm - IT System + interior finishes, 3rd Part
HMA1260-21	HMA Admin. Bldg. - SHM/MMS Rm - Provide Access E&M Rm to Contract HY/2011/09's SHM & MMS - KD5- Stage 4a
E&M Works for Relevent Rms and Interface with TCSS Contractor	
HMA1275-71	HMA Admin. Bldg. - E&M relevant room for TCSS - interior finishes, 1st part
HMA1275-1	HMA Admin. Bldg. - E&M relevant room for TCSS - bldg services, 1st part
HMA1275-81	HMA Admin. Bldg. - E&M relevant room for TCSS - interior finishes, 2nd part
HMA1275-61	HMA Admin. Bldg. - E&M relevant room for TCSS - bldg services, 2nd part
HMA1275-91	HMA Admin. Bldg. - Provide Access E&M Rm to TCSS Contractor - KD7- Stage 6
CLP Installation - Substation X	
HMA4060	HMA Admin. Bldg. - CLP Room - CLP equipment installation
HMA4230	HMA Admin. Bldg. - Tx Room "X" Function Test & Power On
HMA4050	HMA Admin. Bldg. - Power Supply Available for TCSS Contractor [KD-8 - Stage 7)
HyD Workshop & Store Building	
Structure Works	
HMA1060-1358	HMA HyD Workshop & Stores - Columns to Roof Slab (Grid 4 - 6)
HMA1060-1368	HMA HyD Workshop & Stores - Facade Wall, 1st half
HMA1060-1518	HMA HyD Workshop & Stores - Facade Wall, remaining half
HMA1060-1528	HMA HyD Workshop & Stores - Roof Slab (Grid 4-6) + roof water test
ABWF	
HMA1060-1278	HMA HyD Workshop & Stores - general area(blkwrk+rendering; screeding; part. walls; wproofing(incl. water test), 1st half
HMA1060-1298	HMA HyD Workshop & Stores - Aluminum grille, doors, windows, 1st half
HMA1060-1538	HMA HyD Workshop & Stores - Canopy (install frame), 1st half
HMA1060-1288	HMA HyD Workshop & Stores - general area(blkwrk+rendering; screeding; part. walls; wproofing(incl. water test), rem half
HMA1060-1308	HMA HyD Workshop & Stores - Aluminum grille, doors, windows, remaining half
HMA1060-1548	HMA HyD Workshop & Stores - Canopy (install frame), remaining half
HMA1060-1558	HMA HyD Workshop & Stores - Canopy (install aluminum finishes), 1st half
HMA1060-1568	HMA HyD Workshop & Stores - Canopy (install aluminum finishes), remaining half
TD Workshop & Store Building	
TD Workshop RC Structure Works	
HMA1060-1398	HMA TD Workshop & Stores - Columns (Up to +15.425mPD)
HMA1060-1418	HMA TD Workshop & Stores - Columns (Up to Roof Slab)
HMA1060-1428	HMA TD Workshop & Stores - Roof Slab
HMA1060-1408	HMA TD Workshop & Stores - beams (Approx. +15.425mPD)
TD Store RC Structure Works	
HMA1060-1578	HMA TD Stores - Columns (Approx. 5.1 m height), 1st half
HMA1060-1598	HMA TD Stores - Water Tank, 1st part
HMA1060-1618	HMA TD Stores - Roof slab, 1st half
HMA1060-1628	HMA TD Stores - Roof slab, remaining half
HMA1060-1588	HMA TD Stores - Columns (Approx. 5.1 m height), remaining half
ABWF	
HMA1060-1438	HMA TD Workshop & Stores - ABWF (blkwrk+rendering; screeding), Area 1
HMA1060-1498	HMA TD Workshop & Stores - ABWF (blkwrk+rendering; screeding), Area 2
HMA1060-1508	HMA TD Workshop & Stores - ABWF (blkwrk+rendering; screeding), Area 3
Petrol Filling Station & Attendance Office/Dangerous Goods Store	
Petrol Filling Station - RC Works	
HMA1060-1448	Petrol Filling Stn. & Attendance Ofc.- Fuel Tank Roof (formworks, rebars, cast-in items, concrete)
HMA1060-1638	Petrol Filling Stn. & Attendance Ofc.- Ground slab (formworks, rebars, cast-in items, concrete)
HMA1060-1648	Petrol Filling Stn. & Attendance Ofc.- Columns(formworks, rebars, cast-in items, concrete), 1st half
HMA1060-1658	Petrol Filling Stn. & Attendance Ofc.- Columns(formworks, rebars, cast-in items, concrete), remaining half
HMA1060-1668	Petrol Filling Stn. & Attendance Ofc.- Roof (formworks, rebars, cast-in items, concrete), 1st half
HMA1060-1678	Petrol Filling Stn. & Attendance Ofc.- Roof (formworks, rebars, cast-in items, concrete), remaining half
DG Store & FAO - RC Works	
HMA1060-1268	DG Store - Column/Wall (formworks, rebars, cast-in items, concrete)
HMA1060-1458	DG Store. - Roof Slab (formworks, rebars, concrete)
HMA1060-1688	DG Store. - Water Tank
ABWF	
HMA1060-1468	Petrol Filling Stn. & Attendance Ofc.- ABWF (blkwrk+rendering; screeding), Area 1
HMA1060-1708	Petrol Filling Stn. & Attendance Ofc.- ABWF (blkwrk+rendering; screeding), Area 2
HMA1060-1718	Petrol Filling Stn. & Attendance Ofc.- ABWF (blkwrk+rendering; screeding), Area 3
WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2)	
Reclamation Works - SWCH 0+960 to 1+400 (AHR 20mPD) & (12.5mPD)	
RSC1058	Surcharge Period area 9 for 4 months
Seawall Construction (Middle Area) CH 0+980 to CH 1+400 - 420m	
SWCH 0+980 to SWCH 1+030 - 50m (PR14)	
SW1490	PR14 Box culvert Extension completed
SW1060	Middle Area - Seawall - Removal of temporary seawall and sheet pile
SW1070	Middle Area - Seawall - Profile Excavation
SW1080	Middle Area - Seawall - Cutting Pipe pile
SW1090	Middle Area - Seawall, Rock laying
SWCH 1+280 to SWCH 1+350 - 70m	
SW1540	PR09 Box Culvert Extension completed
SW1130	Middle Area - Seawall - Removal of Temporary seawall
SW1140	Middle Area - Seawall - Profile Excavation
SW1150	Middle Area - Seawall - Cutting Pipe pile
SW1160	Middle Area - Seawall - Rock laying
Surcharge	
RSC1054-6	Middle Area - Remove surcharge [Sub-zone 9-2], (+ compaction to 5.5mPD), 2nd half
Area 2: Investigation and Remedial Works - SWCH 1+030 to SWCH 1+280 (250m)	
Permanent Seawall	
A1260	Middle Area Remedial Works - Permanent seawall re-installation, (except Zone C), 50/250m
A1450	Middle Area Remedial Works - Permanent seawall re-installation, (except Zone C), 100/250m
A1460	Middle Area Remedial Works - Permanent seawall re-installation, (except Zone C), 150/250m
A1470	Middle Area Remedial Works - Permanent seawall re-installation, (except Zone C), 200/250m
A1480	Middle Area Remedial Works - Permanent seawall re-installation, (except Zone C), 250/250m
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage	
CCT for HAT across Airport Road [200m Approx.]	
Civil & Structural Works	
ELS - HAT West CCT, Ch. 0+270 to Ch. 0+560	
ELS - Zone C (Ch. 0+470 to Ch. 0+394)	
Ch. 0+406 to Ch. 0+394, L=12.0m	
HAT1611-541	HAT West C&CT(Zone C) - Excavation for Waling and Strut L1 & L2
HAT1611-591	HAT West C&CT(Zone C) - Excavation to FEL, 2nd Stage (720m3/1,080m3)
HAT1611-551	HAT West C&CT(Zone C) - Installation of Waling and Strut L1 & L2
HAT1611-601	HAT West C&CT(Zone C) - Excavation to FEL, 3rd Stage (1,080m3/1,080m3)
RC Works- HAT West CCT, Ch 0+270 to Ch 0+560	
RC Works - Zone C (Ch 0+530 to Ch 0+394)	
Ch. 0+470 to Ch. 0+450, L=20 m	
HAT1612-5	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete
HAT1612-6	HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works
Ch. 0+450 to Ch. 0+430, L=20 m	
HAT1612-8	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete
HAT1612-9	HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works
Ch. 0+430 to Ch. 0+410, L=20 m	
HAT1612-2	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete
HAT1612-3	HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works
Ch. 0+490 to Ch. 0+470, L=20 m	
HAT1612-55	HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete
HAT1612-19	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete
HAT1612-29	HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works
Ch. 0+510 to Ch. 0+490, L=20 m	
HAT1612-39	HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete
HAT1612-49	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete
HAT1612-59	HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works
Ch. 0+530to Ch. 0+510, L=20 m	
HAT1612-69	HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete
HAT1612-79	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete
HAT1612-89	HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works



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Sheet 5 of 7

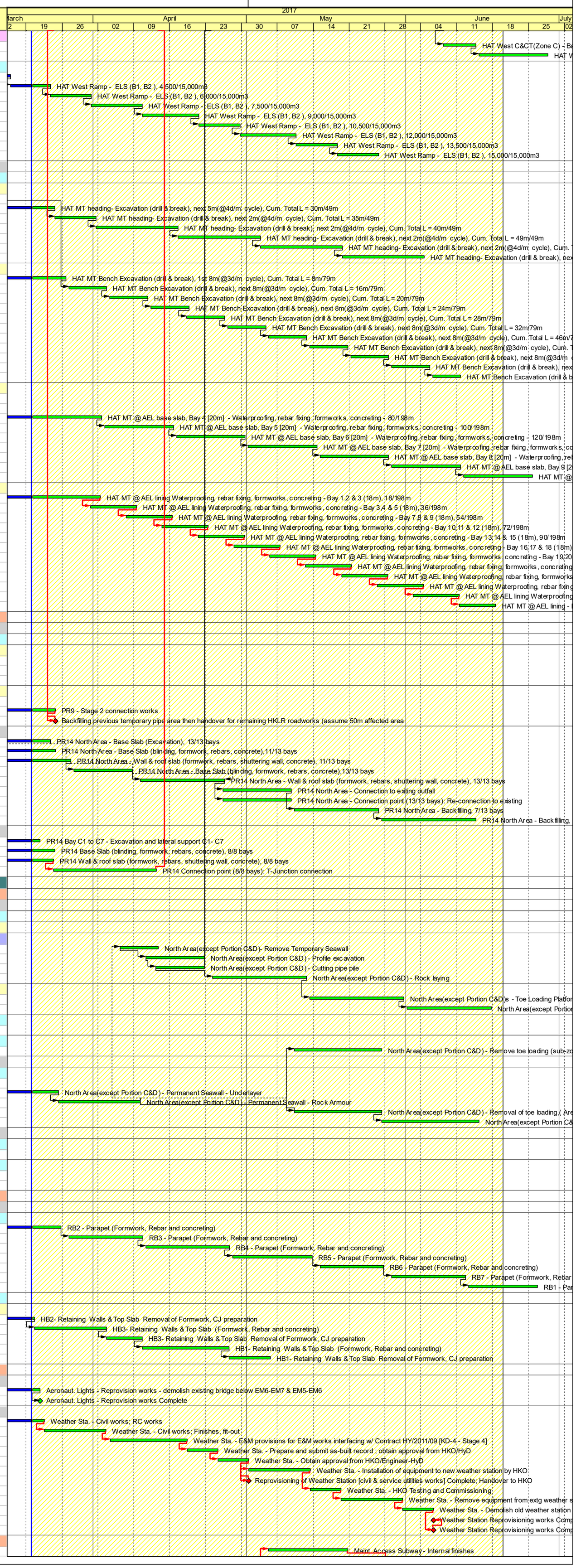
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(Apr 2017 to Jun 2017)

Layout HZMB - (3M59 Rolling Prog)

TASK filters: 3M59, HZMB No Level Effort.

Activity ID	Activity Name
Ch. 0+410 to Ch. 0+394, L=16 m	
HAT1612-99	HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete
HAT1612-109	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete
HAT West Ramp & Portal (Zone A, B1, B2) under Stage 3 TTA	
HAT1612-139	HAT West Ramp - ELS (B1, B2), 3,000/15,000m3
HAT1612-149	HAT West Ramp - ELS (B1, B2), 4,500/15,000m3
HAT1612-159	HAT West Ramp - ELS (B1, B2), 6,000/15,000m3
HAT1612-169	HAT West Ramp - ELS (B1, B2), 7,500/15,000m3
HAT1612-179	HAT West Ramp - ELS (B1, B2), 9,000/15,000m3
HAT1612-189	HAT West Ramp - ELS (B1, B2), 10,500/15,000m3
HAT1612-199	HAT West Ramp - ELS (B1, B2), 12,000/15,000m3
HAT1612-209	HAT West Ramp - ELS (B1, B2), 13,500/15,000m3
HAT1612-219	HAT West Ramp - ELS (B1, B2), 15,000/15,000m3
Mined Tunnel for HAT underneath AEL & at East Coast Road [198m-Drill & Break)(Ch 0+557 to Ch 0+756]	
HAT Mined Tunnel Works	
Drive from Zone D: HAT Tunnel Excavation - Heading (1st half & 2nd half)	
HAT2015-472	HAT MT heading- Excavation (drill & break), next 5m(@4d/m cycle), Cum. Total L = 25m/49m
HAT2015-482	HAT MT heading- Excavation (drill & break), next 5m(@4d/m cycle), Cum. Total L = 30m/49m
HAT2015-492	HAT MT heading- Excavation (drill & break), next 2m(@4d/m cycle), Cum. Total L = 35m/49m
HAT2015-512	HAT MT heading- Excavation (drill & break), next 2m(@4d/m cycle), Cum. Total L = 40m/49m
HAT2015-522	HAT MT heading- Excavation (drill & break), next 2m(@4d/m cycle), Cum. Total L = 49m/49m
HAT2015-532	HAT MT heading- Excavation (drill & break), next 2m(@4d/m cycle), Cum. Total L = 32m/49m
HAT2015-542	HAT MT heading- Excavation (drill & break), next 2m(@4d/m cycle), Cum. Total L = 32m/49m
Drive from Zone D: HAT Tunnel Excavation - Bench (1st half & 2nd half)	
HAT2060	HAT MT Bench Excavation (drill & break), 1st 8m(@3d/m cycle), Cum. Total L = 8m/79m
HAT2070	HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 16m/79m
HAT2080	HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 20m/79m
HAT2090	HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 24m/79m
HAT3730	HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 28m/79m
HAT3740	HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 32m/79m
HAT3880	HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 46m/79m
HAT3890	HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 54m/79m
HAT3900	HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 62m/79m
HAT3910	HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 70m/79m
HAT3920	HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 79-m/79m
Lining - Base Slab (From Shaft 4)	
HAT2190	HAT MT @ AEL base slab, Bay 2 [20m] - Waterproofing, rebar fixing, formworks, concreting - 40/198m
HAT2200	HAT MT @ AEL base slab, Bay 3 [20m] - Waterproofing, rebar fixing, formworks, concreting - 60/198m
HAT2210	HAT MT @ AEL base slab, Bay 4 [20m] - Waterproofing, rebar fixing, formworks, concreting - 80/198m
HAT3750	HAT MT @ AEL base slab, Bay 5 [20m] - Waterproofing, rebar fixing, formworks, concreting - 100/198m
HAT3760	HAT MT @ AEL base slab, Bay 6 [20m] - Waterproofing, rebar fixing, formworks, concreting - 120/198m
HAT3770	HAT MT @ AEL base slab, Bay 7 [20m] - Waterproofing, rebar fixing, formworks, concreting - 140/198m
HAT3780	HAT MT @ AEL base slab, Bay 8 [20m] - Waterproofing, rebar fixing, formworks, concreting - 160/198m
HAT3790	HAT MT @ AEL base slab, Bay 9 [20m] - Waterproofing, rebar fixing, formworks, concreting - 180/198m
HAT3800	HAT MT @ AEL base slab, Bay 10 [20m] - Waterproofing, rebar fixing, formworks, concreting - 198/198m
Arch Lining (10m/bay) (From Shaft 4)	
HAT2220	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 1,2 & 3 (18m), 18/198m
HAT2230	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 3,4 & 5 (18m), 36/198m
HAT2240	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 7,8 & 9 (18m), 54/198m
HAT2250	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 10,11 & 12 (18m), 72/198m
HAT3820	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 13,14 & 15 (18m), 90/198m
HAT3830	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 16,17 & 18 (18m), 108/198m
HAT3840	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 19,20 & 21 (18m), 126/198m
HAT3850	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 22,23 & 24 (18m), 144/198m
HAT3860	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 25,26 & 27 (18m), 162/198m
HAT3870	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 28,29 & 30 (18m), 180/198m
HAT3930	HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 32,32 & 33 (18m), 198/198m
HAT2260	HAT MT @ AEL lining - Dismantle lining shutter
Box Culvert Extension to Outfall PR9 & PR14	
Box Culvert Ext. to New Outfall PR9 (75m Approx.)	
PR09 Extension	
Stage 1 Connection (2 cells only)	
BC1200-417	PR9 - Stage 1 connection works (2nd cell)
BC1200-397	PR9 - Stage 1 connection works (1st cell)
BC1200-427	In addition to existing drainage pipe, divert some drainage to completed Stage 1 connection
Stage 2 Connection (remaining 2 cells)	
BC1200-437	Divert drainage 100% to Stage 1 connection then remove remaining temporary steel pipe
BC1200-447	PR9 - Stage 2 connection works
BC1200-457	Backfilling previous temporary pipe area then handover for remaining HKLR roadworks (assume 50m affected area
Box Culvert Ext. to New Outfall PR14 (North Area, Bay N1 to N-13)	
BC1160-26	PR14 North Area - Base Slab (Excavation), 13/13 bays
BC1160-14	PR14 North Area - Base Slab (blinding, formwork, rebars, concrete),11/13 bays
BC1160-15	PR14 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 11/13 bays
BC1160-36	PR14 North Area - Base Slab (blinding, formwork, rebars, concrete),13/13 bays
BC1160-46	PR14 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 13/13 bays
BC1160-236	PR14 North Area - Connection to exiting outfall
BC1160-56	PR14 North Area - Connection point (13/13 bays): Re-connection to existing
BC1160-256	PR14 North Area - Backfilling, 7/13 bays
BC1160-266	PR14 North Area - Backfilling, 13/13 bays
Box Culvert Ext. to New Outfall PR14 (Center Area, Bay C1 to C7)	
BC1160-156	PR14 Bay C1 to C7 - Excavation and lateral support C1- C7
BC1160-76	PR14 Base Slab (blinding, formwork, rebars, concrete), 8/8 bays
BC1160-86	PR14 Wall & roof slab (formwork, rebars, shuttering wall, concrete), 8/8 bays
BC1160-216	PR14 Connection point (8/8 bays): T-Junction connection
WORKS IN NORTH AREA - CH 15+500 to CH 16+223 (HKLR AT GRADE & ROADWORKS)	
Reclamation SWCH 1+400 to SWCH 1+830 (incl. Approach Lights Area, 430m Approx.)	
Reclamation SWCH 1+400 to SWCH 1+590)(incl. PR09 Temp. Diversion Area)	
Reclamation SWCH 1+400 to 1+500 (PR09 Temp. Diversion)	
Seawall Construction (Except Portion C & D) CH 1+400 to CH 1+850)	
SWCH 1+400 to SWCH 1+500	
RSC1171	North Area(except Portion C&D)- Remove Temporary Seawall
RSC1181	North Area(except Portion C&D) - Profile excavation
RSC1191	North Area(except Portion C&D) - Cutting pipe pile
RSC1121	North Area(except Portion C&D) - Rock laying
Toe Loading Platform (for Seawall & Reclamation)	
SWTL -120	North Area(except Portion C&D)s - Toe Loading Platform, 1st Stage (Ch. 1+600 to 1+750)
SWTL -220	North Area(except Portion C&D)s - Toe Loading Platform, 2nd Stage (Ch. 1+600 to 1+750)
Reclamation SWCH 1+400 to 1+500 (Area10-2 - after PR9 2nd Temp. diversion)	
RSC1070-450	North Area(except Portion C&D) - Remove surcharge & compaction to +5.5mPD
Reclamation SWCH 1+500 to 1+590 (Except PR09 Temp. Diversion Area)	
RSC1070-105	North Area(except Portion C&D) - Remove toe loading (sub-zone 10-1, except PR9 Temp. diversion)
Reclamation SWCH 1+600 to 1+720 (including Approach Lights Area)	
Reclamation SWCH 1+600 to 1+720 (Approach Lights Area - Area 2)	
RSC1070-380	North Area(except Portion C&D) - Permanent Seawall -Rockfill Core
RSC1070-49	North Area(except Portion C&D) - Permanent Seawall - Underlayer
RSC1070-29	North Area(except Portion C&D) - Permanent Seawall - Rock Armour
RSC1070-39	North Area(except Portion C&D) - Removal of toe loading,(Area 11 Approach lights area) - 1st half
RSC1070-390	North Area(except Portion C&D) - Removal of toe loading,(Area 11 Approach lights area) - 2nd half
VO 16 - 610mm Pipe Piles (SWCH1+704 to SWCH 2+030)	
VO 16 - 610mm Pipe Piles (SWCH1+704 to SWCH 2+030) - Drilling	
RSC.190	Pipe pile - 219 / 219 nos
VO 16 - 610mm Pipe Piles (SWCH1+704 to SWCH 2+030) - Grouting	
RSC.580	Pipe pile - 200 / 219 nos
RSC.590	Pipe pile - 219 / 219 nos
"Zone D" - Portion C & D1 From SWCH1+830 to SWCH 2+070	
Portion D1	
Parapet (RB1 - RB7)	
RA2380	RB2 - Parapet (Formwork, Rebar and concreting)
RA2390	RB3 - Parapet (Formwork, Rebar and concreting)
RA2420	RB4 - Parapet (Formwork, Rebar and concreting)
RA2430	RB5 - Parapet (Formwork, Rebar and concreting)
RA2370	RB6 - Parapet (Formwork, Rebar and concreting)
RA2410	RB7 - Parapet (Formwork, Rebar and concreting)
RA2400	RB1 - Parapet (Formwork, Rebar and concreting)
Retaining Structure (HB1 - HB4)	
Wall & Top Slab(HB1 - HB4)	
RA2210	HB2- Retaining Walls & Top Slab Removal of Formwork, CJ preparation
RA2230	HB3- Retaining Walls & Top Slab (Formwork, Rebar and concreting)
RA2330	HB3- Retaining Walls & Top Slab Removal of Formwork, CJ preparation
RA2320	HB1- Retaining Walls & Top Slab (Formwork, Rebar and concreting)
RA2220	HB1- Retaining Walls & Top Slab Removal of Formwork, CJ preparation
Reprovisioning Works	
Aeronautical Lights [4 nos. affected]	
AL.210	Aeronaut. Lights - Reprovision works - demolish existing bridge below EM6-EM7 & EM5-EM6
AL.220	Aeronaut. Lights - Reprovision works Complete
Weather Station	
WS1130	Weather Sta. - Civil works; RC works
WS1140	Weather Sta. - Civil works; Finishes, fit-out
WS1040	Weather Sta. - E&M provisions for E&M works interfacing w/ Contract HY/2011/09 [KD-4 - Stage 4]
WS1050	Weather Sta. - Prepare and submit as-built record ; obtain approval from HKO/HyD
WS1060	Weather Sta. - Obtain approval from HKO/Engineer-HyD
WS1080.01	Weather Sta. - Installation of equipment to new weather station by HKO
WS1070	Reprovisioning of Weather Station [civil & service utilities works] Complete; Handover to HKO
WS1080.02	Weather Sta. - HKO Testing and Commissioning
WS1090	Weather Sta. - Remove equipment from extg weather station by HKO
WS1100	Weather Sta. - Demolish old weather station
WS.170	Weather Station Reprovisioning works Complete
WS1110	Weather Station Reprovisioning works Complete
Maintenance Access Subway bet. New Weather Station & Aeronautical Lights	
MAS1060	Maint. Access Subway - Internal finishes



FILE: 3M59 (Rev.00)

Sheet 6 of 7

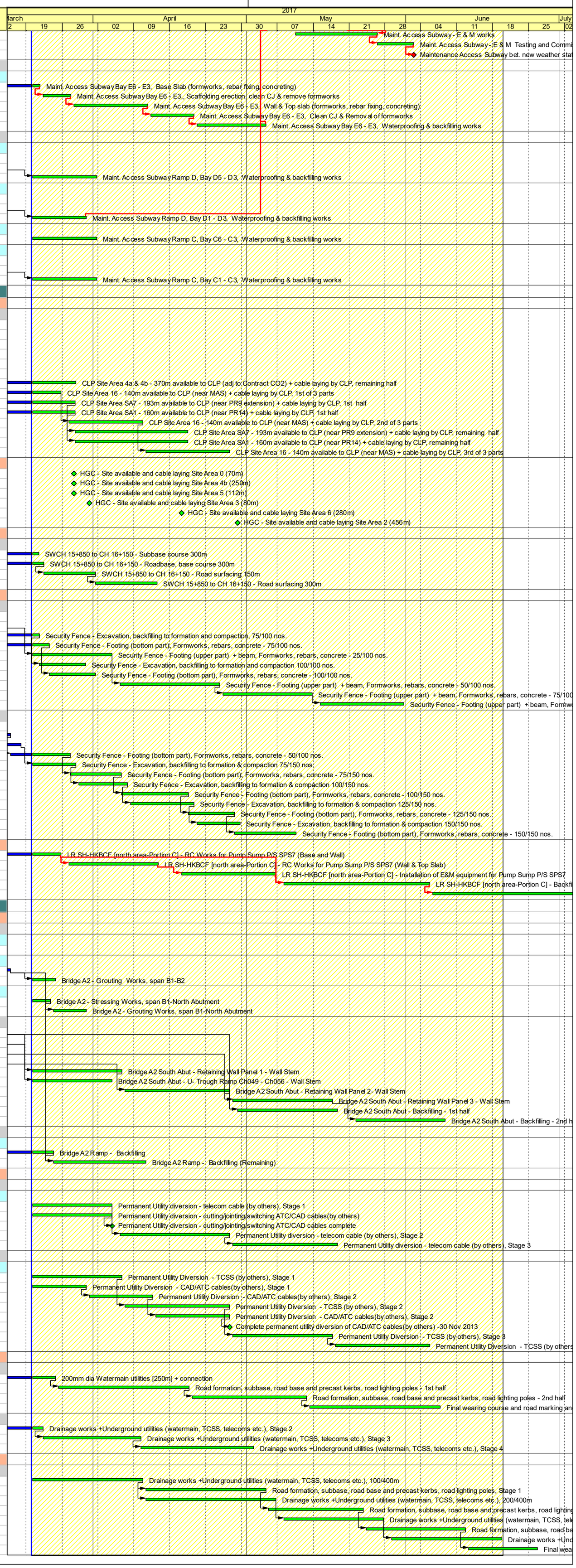
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(Apr 2017 to Jun 2017)

Layout HZMB - (3M59 Rolling Prog)

TASK filters: 3M59, HZMB No Level Effort.

Activity ID	Activity Name
MAS1070	Maint. Access Subway - E & M works
MAS1071	Maint. Access Subway - E & M Testing and Commissioning
MAS1080	Maintenance Access Subway bet. new weather station & aeronautical lights Complete
Subway	
Bay E6, E5, E4 & part of E3	
MAS2205	Maint. Access Subway Bay E6 - E3, Base Slab (formworks, rebar fixing, concreting)
MAS2206	Maint. Access Subway Bay E6 - E3,, Scaffolding erection, clean CJ & remove formworks
MAS2215	Maint. Access Subway Bay E6 - E3, Wall & Top slab (formworks, rebar fixing, concreting)
MAS2225	Maint. Access Subway Bay E6 - E3, Clean CJ & Removal of formworks
MAS2235	Maint. Access Subway Bay E6 - E3, Waterproofing & backfilling works
RAMP C&D (Reclamation Area)	
Bays D5, D4 & part of D3	
MAS2455	Maint. Access Subway Ramp D, Bay D5 - D3, Wall & Top slab (formworks, rebar fixing, concreting)
MAS2465	Maint. Access Subway Ramp D, Bay D5 - D3, Clean CJ & Removal of formworks
MAS2475	Maint. Access Subway Ramp D, Bay D5 - D3, Waterproofing & backfilling works
Bays D1, D2 & part of D3	
MAS2575	Maint. Access Subway Ramp D, Bay D1 - D3, Wall & Top slab (formworks, rebar fixing, concreting)
MAS2585	Maint. Access Subway Ramp D, Bay D1 - D3, Clean CJ & Removal of formworks
MAS2595	Maint. Access Subway Ramp D, Bay D1 - D3, Waterproofing & backfilling works
Bays C6, C5, C4 & part of C3	
MAS1530	Maint. Access Subway Ramp C, Bay C6 - C3, Waterproofing & backfilling works
Bays C1, C2 & part of C3	
MAS1430	Maint. Access Subway Ramp C, Bay C1 - C3, Wall & Top slab (formworks, rebar fixing, concreting)
MAS1440	Maint. Access Subway Ramp C, Bay C1 - C3, Clean CJ & Removal of formworks
MAS1431	Maint. Access Subway Ramp C, Bay C1 - C3, Waterproofing & backfilling works
T001 / T002 ON GRADE ROADWORKS (Works under Section 1]	
TCSS, E&M and Utility	
CLP cable laying (by CLP)	
LR.1205-786	CLP Site Area 4a & 4b - 370m available to CLP (adj to Contract CO2) + cable laying by CLP, 1st half
LR.1205-685	CLP Site Area 3b - 80m available to CLP (adj to Contract CO2) + cable laying by CLP, 1st half
LR.1205-856	CLP Site Area 13a - 110m available to CLP + cable laying by CLP, 1st half
LR.1205-876	CLP Site Area 13b - 170m available to CLP + cable laying by CLP
LR.1205-866	CLP Site Area 13a - 110m available to CLP + cable laying by CLP, remaining half
LR.1205-695	CLP Site Area 3b - 80m available to CLP (adj to Contract CO2) + cable laying by CLP, remaining half
LR.1205-796	CLP Site Area 4a & 4b - 370m available to CLP (adj to Contract CO2) + cable laying by CLP, remaining half
LR.1205-826	CLP Site Area 16 - 140m available to CLP (near MAS) + cable laying by CLP, 1st of 3 parts
LR.1205-886	CLP Site Area SA7 - 193m available to CLP (near PR9 extension) + cable laying by CLP, 1st half
LR.1205-906	CLP Site Area SA1 - 160m available to CLP (near PR14) + cable laying by CLP, 1st half
LR.1205-836	CLP Site Area 16 - 140m available to CLP (near MAS) + cable laying by CLP, 2nd of 3 parts
LR.1205-896	CLP Site Area SA7 - 193m available to CLP (near PR9 extension) + cable laying by CLP, remaining half
LR.1205-916	CLP Site Area SA1 - 160m available to CLP (near PR14) + cable laying by CLP, remaining half
LR.1205-846	CLP Site Area 16 - 140m available to CLP (near MAS) + cable laying by CLP, 3rd of 3 parts
HGC cable laying (by HGC)	
BA2.1205-755	HGC - Site available and cable laying Site Area 0 (70m)
BA2.1205-815	HGC - Site available and cable laying Site Area 4b (250m)
BA2.1205-825	HGC - Site available and cable laying Site Area 5 (112m)
BA2.1205-845	HGC - Site available and cable laying Site Area 3 (80m)
BA2.1205-855	HGC - Site available and cable laying Site Area 6 (280m)
BA2.1205-835	HGC - Site available and cable laying Site Area 2 (456m)
Roadworks	
CH 15+850 to CH 16+150	
LR.1205-946	SWCH 15+850 to CH 16+150 - Subbase course 300m
LR.1205-966	SWCH 15+850 to CH 16+150 - Roadbase, base course 300m
LR.1205-976	SWCH 15+850 to CH 16+150 - Road surfacing 150m
LR.1205-1016	SWCH 15+850 to CH 16+150 - Road surfacing 300m
Security Fence - HKLR	
CH 15+850 to CH 16+150,	
LR.2000-001	Security Fence - Excavation, backfilling to formation & compaction 50/100 nos.
LR.2000-010	Security Fence - Footing (bottom part), Formworks, rebars, concrete - 50/100 nos.
LR.2000-002	Security Fence - Excavation, backfilling to formation and compaction, 75/100 nos.
LR.2000-011	Security Fence - Footing (bottom part), Formworks, rebars, concrete - 75/100 nos.
LR.2000-020	Security Fence - Footing (upper part) + beam, Formworks, rebars, concrete - 25/100 nos.
LR.2000-003	Security Fence - Excavation, backfilling to formation and compaction 100/100 nos.
LR.2000-012	Security Fence - Footing (bottom part), Formworks, rebars, concrete - 100/100 nos.
LR.2000-021	Security Fence - Footing (upper part) + beam, Formworks, rebars, concrete - 50/100 nos.
LR.2000-022	Security Fence - Footing (upper part) + beam, Formworks, rebars, concrete - 75/100 nos.
LR.2000-0923	Security Fence - Footing (upper part) + beam, Formworks, rebars, concrete - 100/100 nos.
CH 15+050 to CH 15+500, Length = 450 m.	
LR.2010-001	Security Fence - Excavation, backfilling to formation & compaction 25/150 nos.
LR.2010-010	Security Fence - Footing (bottom part), Formworks, rebars, concrete - 25/150 nos.
LR.2010-002	Security Fence - Excavation, backfilling to formation & compaction 50/150 nos.
LR.2010-011	Security Fence - Footing (bottom part), Formworks, rebars, concrete - 50/100 nos.
LR.2010-0003	Security Fence - Excavation, backfilling to formation & compaction 75/150 nos.
LR.2010-012	Security Fence - Footing (bottom part), Formworks, rebars, concrete - 75/150 nos.
LR.2010-004	Security Fence - Excavation, backfilling to formation & compaction 100/150 nos.
LR.2010-013	Security Fence - Footing (bottom part), Formworks, rebars, concrete - 100/150 nos.
LR.2010-005	Security Fence - Excavation, backfilling to formation & compaction 125/150 nos.
LR.2010-014	Security Fence - Footing (bottom part), Formworks, rebars, concrete - 125/150 nos.
LR.2010-006	Security Fence - Excavation, backfilling to formation & compaction 150/150 nos.
LR.2010-015	Security Fence - Footing (bottom part), Formworks, rebars, concrete - 150/150 nos.
Interface w/ HY/2010/02- 16+045 to 16+223.24	
A237404	LR SH-HKBCF [north area-Portion C] - RC Works for Pump Sump P/S SPS7 (Base and Wall)
A238294	LR SH-HKBCF [north area-Portion C] - RC Works for Pump Sump P/S SPS7 (Wall & Top Slab)
A238284	LR SH-HKBCF [north area-Portion C] - Installation of E&M equipment for Pump Sump P/S SPS7
LR2540	LR SH-HKBCF [north area-Portion C] - Backfilling and Site formation
LR2550	LR SH-HKBCF [north area-Portion C] - Road alignment formation
NB AIRPORT ROAD WORKS (INCL. BA2) - under Section 2 (Middle to North Area)	
Works in Bridge A2, under Stage 2 TTA, Diversion of SB Airport Rd (Works under Section 2)	
BA2- Bridge Deck	
Span B2-B3	
BA2.1830-118	Bridge A2 - Grouting Works, span B2-B3
Span B1-B2	
BA2.1830-178	Bridge A2 - Stressing Works, span B1-B2
BA2.1830-308	Bridge A2 - Grouting Works, span B1-B2
Span B1-North Abutment	
BA2.1830-298	Bridge A2 - Stressing Works, span B1-North Abutment
BA2.1830-318	Bridge A2 - Grouting Works, span B1-North Abutment
BA2 -South Abutment and Ramp	
BA2.1205-375	Bridge A2 South Abut - Retaining Wall Panel 1- Base Slab
BA2.1205-405	Bridge A2 South Abut - U- Trough Ramp Ch049 - Ch056 - Base Slab
BA2.1205-455	Bridge A2 South Abut - Retaining Wall Panel 3- Base Slab
BA2.1205-435	Bridge A2 South Abut - Retaining Wall Panel 2- Base Slab
BA2.1205-415	Bridge A2 South Abut - Retaining Wall Panel 1 - Wall Stem
BA2.1205-475	Bridge A2 South Abut - U- Trough Ramp Ch049 - Ch056 - Wall Stem
BA2.1205-445	Bridge A2 South Abut - Retaining Wall Panel 2- Wall Stem
BA2.1205-465	Bridge A2 South Abut - Retaining Wall Panel 3 - Wall Stem
BA2.1205-395	Bridge A2 South Abut - Backfilling - 1st half
BA2.1205-485	Bridge A2 South Abut - Backfilling - 2nd half
BA2 -North Abutment and Ramp	
BA2 - North Abutment and Ramp - Waterproofing and Backfilling	
BA2.1205-795	Bridge A2 Ramp - Backfiling
BA2.1205-805	Bridge A2 Ramp - Backfiling (Remaining)
Utility Culverts 1, 2 & 3 (Works under Section 2)	
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]-1	
Permanent Utility Diversion inside UC 1	
UC1.1114	Permanent Utility diversion - telecom cable (by others), Stage 1
UC1.1115	Permanent Utility diversion - cutting/jointing/switching ATC/CAD cables(by others)
UC1.1116	Permanent Utility diversion - cutting/jointing/switching ATC/CAD cables complete
UC1.1163	Permanent Utility diversion - telecom cable (by others), Stage 2
UC1.1173	Permanent Utility diversion - telecom cable (by others), Stage 3
Utility Culvert No. 2 Ext. near Bridge A2 [15m Approx.] (Works under Section 2)	
Permanent Utility Diversion inside UC2	
UC2.1058	Permanent Utility Diversion - TCSS (by others), Stage 1
UC2.1059	Permanent Utility Diversion - CAD/ATC cables(by others), Stage 1
UC2.10591	Permanent Utility Diversion - CAD/ATC cables(by others), Stage 2
UC2.10581	Permanent Utility Diversion - TCSS (by others), Stage 2
UC2.10592	Permanent Utility Diversion - CAD/ATC cables(by others), Stage 2
UC2.1061	Complete permanent utility diversion of CAD/ATC cables(by others) -30 Nov 2013
UC2.10582	Permanent Utility Diversion - TCSS (by others), Stage 3
UC2.105241	Permanent Utility Diversion - TCSS (by others), Stage 4
Roadworks to be constructed under Stage 2 TTA	
M003 Ch 0+400 to 0+800 (Permanent), L=400m	
A2860-24	200mm dia Watermain utilities [250m] + connection
A2870	Road formation, subbase, road base and precast kerbs, road lighting poles - 1st half
A237824	Road formation, subbase, road base and precast kerbs, road lighting poles - 2nd half
A2880	Final wearing course and road marking and traffic signs, road lighting lamps & T&C
M004 (from BA2) Ch 0+600 to 0+730 (Permanent), L=130m	
A3370	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), Stage 2
A3460	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), Stage 3
A2920	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), Stage 4
Roadworks to be constructed under Stage 3 TTA	
M003 Ch 0+800 to 1+200	
A3050	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), 100/400m
A3340	Road formation, subbase, road base and precast kerbs, road lighting poles, Stage 1
A3051	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), 200/400m
A3350	Road formation, subbase, road base and precast kerbs, road lighting poles, Stage 2
A3052	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), 300/400m
A3060	Road formation, subbase, road base and precast kerbs, road lighting poles, Stage 3
A3053	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), 400/400m
A3470	Final wearing course and road marking and traffic signs, road lighting lamps & T&C, 1st half



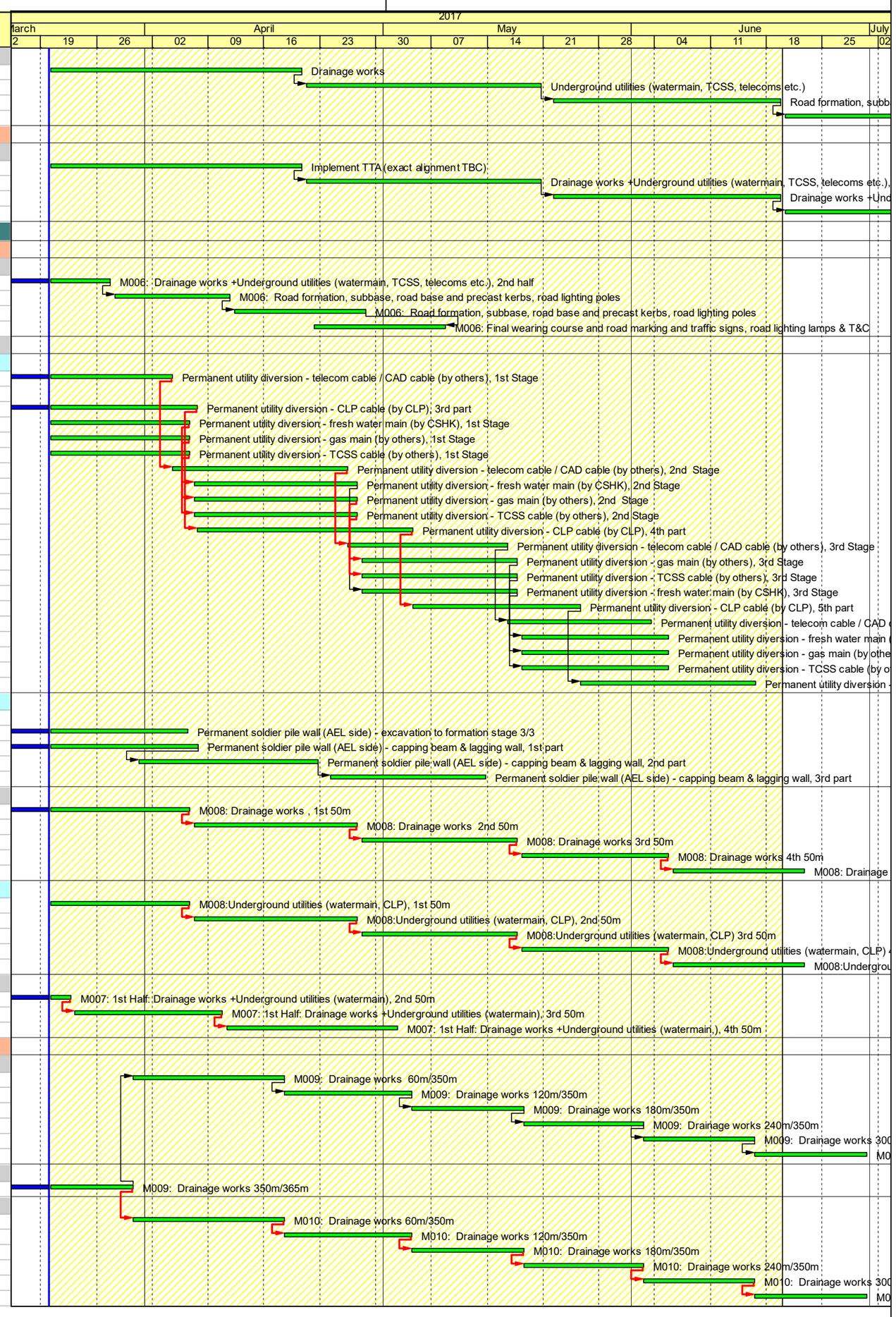
FILE: 3M59 (Rev.00)

Sheet 7 of 7

3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(Apr 2017 to Jun 2017)

Layout HZMB - (3M59 Rolling Prog)

TASK filters: 3M59, HZMB No Level Effort.

Activity ID	Activity Name
Permanent Slip Road (going NB Airport Rd to T1 & T2)	
A3010	Drainage works
A3020	Underground utilities (watermain, TCSS, telecoms etc.)
A3030	Road formation, subbase, road base and precast kerbs, road lighting poles
A3040	Final wearing course and road marking and traffic signs, road lighting lamps & T&C
Remaining Permanent Roadworks under diff. TTA Schemes	
M002 connection to existing road	
A3080	Implement TTA (exact alignment TBC)
A3090	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), 1st half
A3091	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), remaining half
A3100	Road formation, subbase, road base and precast kerbs, road lighting poles
EAST COAST ROAD WORKS (INCL. BA1 & DEP. RD.) - under Section 2 (Middle to North Area)	
Works to be constructed under Stage 3 TTA (divert traffic to BA1 & ex. ECR SB RD/ Future M009)	
Construct M006 (except entrance to ex. Tung Fai Rd)	
A4610	M006: Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), 2nd half
A4620	M006: Road formation, subbase, road base and precast kerbs, road lighting poles
A4621	M006: Road formation, subbase, road base and precast kerbs, road lighting poles
A4630	M006: Final wearing course and road marking and traffic signs, road lighting lamps & T&C
Stage 2 ELS - Permanent Soldier Pile Wall along AEL	
Utilities Permanent Diversion at BA1/Depressed Rd Area	
A3840	Permanent utility diversion - telecom cable / CAD cable (by others), 1st Stage
A4000	Permanent utility diversion - CLP cable (by CLP), 2nd part
A4200	Permanent utility diversion - CLP cable (by CLP), 3rd part
A3880	Permanent utility diversion - fresh water main (by CSHK), 1st Stage
A3900	Permanent utility diversion - gas main (by others), 1st Stage
A3850	Permanent utility diversion - TCSS cable (by others), 1st Stage
A3911	Permanent utility diversion - telecom cable / CAD cable (by others), 2nd Stage
A3891	Permanent utility diversion - fresh water main (by CSHK), 2nd Stage
A3930	Permanent utility diversion - gas main (by others), 2nd Stage
A3921	Permanent utility diversion - TCSS cable (by others), 2nd Stage
A4230	Permanent utility diversion - CLP cable (by CLP), 4th part
A3841	Permanent utility diversion - telecom cable / CAD cable (by others), 3rd Stage
A3901	Permanent utility diversion - gas main (by others), 3rd Stage
A3851	Permanent utility diversion - TCSS cable (by others), 3rd Stage
A3861	Permanent utility diversion - fresh water main (by CSHK), 3rd Stage
A4240	Permanent utility diversion - CLP cable (by CLP), 5th part
A3961	Permanent utility diversion - telecom cable / CAD cable (by others), 4th Stage
A3941	Permanent utility diversion - fresh water main (by CSHK), 4th Stage
A3951	Permanent utility diversion - gas main (by others), 4th Stage
A3971	Permanent utility diversion - TCSS cable (by others), 4th Stage
A4260	Permanent utility diversion - CLP cable (by CLP), 6th part
Construction - Permanent Soldier Pile Wall	
A4060	Permanent soldier pile wall (AEL side) - excavation to formation stage 2/3
A3960	Permanent soldier pile wall (AEL side) - excavation to formation stage 3/3
A4010	Permanent soldier pile wall (AEL side) - capping beam & lagging wall, 1st part
A4030	Permanent soldier pile wall (AEL side) - capping beam & lagging wall, 2nd part
A4050	Permanent soldier pile wall (AEL side) - capping beam & lagging wall, 3rd part
Construct M008, Ch 0+100 to Ch 0+787, L=687m (except Depressed Rd. Area)	
A4370	M008: Drainage works , 1st 50m
A4371	M008: Drainage works 2nd 50m
A4372	M008: Drainage works 3rd 50m
A4373	M008: Drainage works 4th 50m
A4374	M008: Drainage works 5th 50m
Underground utilities	
A237934	M008:Underground utilities (watermain, CLP), 1st 50m
A237974	M008:Underground utilities (watermain, CLP), 2nd 50m
A237984	M008:Underground utilities (watermain, CLP) 3rd 50m
A237994	M008:Underground utilities (watermain, CLP) 4th 50m
A238004	M008:Underground utilities (watermain, CLP) 5th 50m
Construct M007 Ch. 0+100 to Ch. 0+483), L=383m	
A4720	M007: 1st Half: Drainage works +Underground utilities (watermain), 2nd 50m
A4730	M007: 1st Half: Drainage works +Underground utilities (watermain), 3rd 50m
A4900	M007: 1st Half: Drainage works +Underground utilities (watermain,), 4th 50m
Construct Remaining M009 and M010 (at North Area)	
Construct M009 Ch 0+700 to Ch 1+050, L= 350m	
A4790	M009: Drainage works 60m/350m
A238054	M009: Drainage works 120m/350m
A238064	M009: Drainage works 180m/350m
A238074	M009: Drainage works 240m/350m
A238084	M009: Drainage works 300m/350m
A238094	M009: Drainage works 350m/350m
Construct M009 Ch 1+050 to Ch 1+415, L= 365m	
A238104	M009: Drainage works 350m/365m
Construct M010 Ch 0+700 to Ch 1+050, L= 350m	
A4750	M010: Drainage works 60m/350m
A238164	M010: Drainage works 120m/350m
A238174	M010: Drainage works 180m/350m
A238184	M010: Drainage works 240m/350m
A238194	M010: Drainage works 300m/350m
A238204	M010: Drainage works 350m/350m