



APPENDIX A

Three Months Rolling Programme Progress (App A)

Activity Name	Dur	Start	Finish	2023																												2024										
				August							September							October							November							December							January			
				30	06	13	20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28												
WVB - ABWF works B1	60	04-Aug-23	14-Oct-23	WVB - ABWF works B1																																						
WVB - ABWF works GF	60	16-Oct-23	27-Dec-23	WVB - ABWF works GF																																						
WVB - TCSS Room Access	0		27-Dec-23	WVB - TCSS Room Access																																						
WVB - ABWF works FF	36	28-Dec-23	08-Feb-24	WVB - ABWF works FF																																						
E&M	138	21-Jul-23	04-Jan-24																																							
WVB - E&M Installation B2	66	21-Jul-23	07-Oct-23	WVB - E&M Installation B2																																						
WVB - E&M Installation B1	66	16-Oct-23	04-Jan-24	WVB - E&M Installation B1																																						
SOUTH APRON ADIT	105	24-Jul-23 A	01-Sep-23																																							
RC Structure	105	24-Jul-23 A	01-Sep-23																																							
Adit 1,2,SA,3 - wall part 2	7	24-Jul-23 A	09-Aug-23	Adit 1,2,SA,3 - wall part 2																																						
Remove S1	2	10-Aug-23	11-Aug-23	Remove S1																																						
Adit 1,2,SG,3 - Top Slab	8	12-Aug-23	21-Aug-23	Adit 1,2,SG,3 - Top Slab																																						
Waterproofing & Mass Fill	6	22-Aug-23	28-Aug-23	Waterproofing & Mass Fill																																						
Backfill and reinstatement	4	29-Aug-23	01-Sep-23	Backfill and reinstatement																																						
Stage 5 completion for Portion I H/O	0		01-Sep-23	Stage 5 completion for Portion I H/O																																						
DCS @ Portion I	0	01-Sep-23	01-Sep-23																																							
Portion I Forecast Handover	0		01-Sep-23	Portion I Forecast Handover																																						
SUPPORTING UNDERGROUND STRUCTURE [SUS]	147	07-Jul-23 A	30-Nov-23																																							
Tunnel Internal Structure & Finishing	147	07-Jul-23 A	30-Nov-23																																							
Westbound	62	15-Sep-23	29-Nov-23																																							
SUS - WB Partition Wall CH6153-6177	18	15-Sep-23	07-Oct-23	SUS - WB Partition Wall CH6153-6177																																						
SUS - WB - Fire Board - Tunnel crown	36	18-Sep-23*	01-Nov-23	SUS - WB - Fire Board - Tunnel crown																																						
SUS - WB - Fire Board - Road Level	36	18-Oct-23	29-Nov-23	SUS - WB - Fire Board - Road Level																																						
Eastbound	147	07-Jul-23 A	30-Nov-23																																							
SUS - EB - OHVD In-situ Phase 2	55	07-Jul-23 A	14-Sep-23	SUS - EB - OHVD In-situ Phase 2																																						
SUS - EB - Fire Board - Tunnel crown	39	12-Sep-23	30-Oct-23	SUS - EB - Fire Board - Tunnel crown																																						
SUS - OHVD Formwork Relocation (EB to Branch)	12	15-Sep-23	28-Sep-23	SUS - OHVD Formwork Relocation (EB to Branch)																																						
SUS - EB Partition Wall CH6225-6237	45	09-Oct-23	30-Nov-23	SUS - EB Partition Wall CH6225-6237																																						
SUS - EB - Fire Board - Road Level	39	16-Oct-23	30-Nov-23	SUS - EB - Fire Board - Road Level																																						
C&C TUNNEL / LAUNCHING SHAFT [C&C / LS]	166	24-Jul-23	08-Feb-24																																							
Cell 1/2 Permanent Works	166	24-Jul-23	08-Feb-24																																							
Below Road Level	22	24-Jul-23	17-Aug-23																																							
BRL External (EB Pour 2 + WB Pour 3)	22	24-Jul-23	17-Aug-23																																							
BRL Steel Fixing & Formworks	18	24-Jul-23*	12-Aug-23	BRL Steel Fixing & Formworks																																						

- ◆ Milestone
- Planned Bar
- Critical Activity
- ◆ Actual Milestone
- Actual Work

**ED/2018/04 Trunk Road T2 and Infrastructure Works
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				August							September							October							November							December							January			
				30	06	13	20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28												
Precast OHVD Slab - 50%	24	24-Jun-23	22-Jul-23	OHVD Slab - 50%																																						
Precast OHVD Slab - 60%	24	24-Jul-23	19-Aug-23	Precast OHVD Slab - 60%																																						
Precast OHVD Slab - 70%	24	21-Aug-23	16-Sep-23	Precast OHVD Slab - 70%																																						
Precast OHVD Slab - 80%	24	18-Sep-23	17-Oct-23	Precast OHVD Slab - 80%																																						
Precast OHVD Slab - 90%	24	18-Oct-23	15-Nov-23	Precast OHVD Slab - 90%																																						
Precast OHVD Slab - 100%	24	16-Nov-23	13-Dec-23	Precast OHVD Slab - 100%																																						
TBM Tunnelling	222	18-Apr-23 A	30-Dec-23																																							
WB TBM Tunnelling CH8459-8603	72	18-Apr-23 A	11-Jul-23	CH8459-8603																																						
WB TBM Tunnelling CH8103-8459	22	23-May-23	13-Jun-23																																							
WB TBM Excavation re-start	0	21-Sep-23*		WB TBM Excavation re-start																																						
WB TBM Tunnelling CH8577-8603	13	21-Sep-23	03-Oct-23	WB TBM Tunnelling CH8577-8603																																						
WB TBM Tunnelling CH8603-8747	72	04-Oct-23	14-Dec-23	WB TBM Tunnelling CH8603-8747																																						
WB TBM Tunnelling CH8747-8778	16	15-Dec-23	30-Dec-23	WB TBM Tunnelling CH8747-8778																																						
SUB-SEA TBM TUNNEL - EASTBOUND	124	09-Sep-23	07-Feb-24																																							
TBM Tunnelling	104	09-Sep-23	21-Dec-23																																							
EB TBM Excavation re-start	0	09-Sep-23*		EB TBM Excavation re-start																																						
WB TBM Tunnelling CH8609-8738	65	09-Sep-23	12-Nov-23	WB TBM Tunnelling CH8609-8738																																						
EB TBM Tunnelling CH8738-8863	39	13-Nov-23	21-Dec-23	EB TBM Tunnelling CH8738-8863																																						
TBM Dismantling & Remaining Structure	36	27-Dec-23	07-Feb-24																																							
EB - TBM Dismantling Gantry Installation	36	27-Dec-23	07-Feb-24																																							
SUB-SEA TUNNEL CROSS PASSAGE (CP7-CP27a/b)	159	21-Jul-23 A	19-Jan-24																																							
WB CP Tympanum Structure	137	21-Jul-23	03-Jan-24																																							
CP24 - WB - Tympanum Civil works CH8392	24	21-Jul-23	17-Aug-23	CP24 - WB - Tympanum Civil works CH8392																																						
CP25 - WB - Tympanum Civil works CH8489	24	04-Dec-23	03-Jan-24	CP25 - WB - Tympanum Civil works CH8489																																						
EB CP Tympanum Structure	50	20-Nov-23	19-Jan-24																																							
CP25 - EB - Tympanum Civil works CH8489	24	20-Nov-23	16-Dec-23	CP25 - EB - Tympanum Civil works CH8489																																						
CP26 - EB - Tympanum Civil works CH8588	24	20-Dec-23	19-Jan-24	CP26 - EB - Tympanum Civil works CH8588																																						
CP TBM Pipe Jacking	89	31-Jul-23 A	08-Oct-23																																							
CP9 to CP24	89	31-Jul-23 A	08-Oct-23																																							
CP20 - CP TBM cycle	14	31-Jul-23 A	13-Aug-23	CP20 - CP TBM cycle																																						
CP21 - CP TBM cycle	14	14-Aug-23	27-Aug-23	CP21 - CP TBM cycle																																						
CP22 - CP TBM cycle	14	28-Aug-23	10-Sep-23	CP22 - CP TBM cycle																																						
CP23 - CP TBM cycle	14	11-Sep-23	24-Sep-23	CP23 - CP TBM cycle																																						
CP24 - CP TBM cycle	14	25-Sep-23	08-Oct-23	CP24 - CP TBM cycle																																						

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				30	06	13	20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28												
EB D&Br - SG Preparation (9+030 - 8+988, 42m, 3.5 bays)	21	12-Jul-23	04-Aug-23	EB D&Br - SG Preparation (9+030 - 8+988, 42m, 3.5 bays)																																						
EB D&Br - SG Installation (9+030 - 8+988, 20nos)	5	05-Aug-23	10-Aug-23	EB D&Br - SG Installation (9+030 - 8+988, 20nos)																																						
EB D&Br - Base Slab (8 bays, 3d/bay)	24	11-Aug-23	07-Sep-23	EB D&Br - Base Slab (8 bays, 3d/bay)																																						
Tunnel Structure S01 Branch Tunnel	160	12-Jul-23	20-Jan-24																																							
EB Type E - Lining (7 bays, 5d/bay)	35	12-Jul-23*	21-Aug-23	EB Type E - Lining (7 bays, 5d/bay)																																						
EB Type E - Remaining Lining (2 bays, 5d/bay)	10	22-Aug-23	01-Sep-23	EB Type E - Remaining Lining (2 bays, 5d/bay)																																						
EB Type E - Lining Formwork Dismantling	18	02-Sep-23	22-Sep-23	EB Type E - Lining Formwork Dismantling																																						
EB Type E - OHVD Formwork Assembly	24	18-Oct-23	15-Nov-23	EB Type E - OHVD Formwork Assembly																																						
EB Type E - OHVD (9 bays, 4d.bay)	36	16-Nov-23	29-Dec-23	EB Type E - OHVD (9 bays, 4d.bay)																																						
EB Type E - OHVD Formwork Dismantling	18	30-Dec-23	20-Jan-24	EB Type E - OHVD Formwork Dismantling																																						
CKL TUNNEL INTERNAL STRUCTURE	10	30-Dec-23	11-Jan-24																																							
Fire Board	10	30-Dec-23	11-Jan-24																																							
EB Type E - OHVD Fire Board Installation	10	30-Dec-23	11-Jan-24	EB Type E - OHVD Fire Board Installation																																						
CKL TUNNEL - PILOT TBM	181	30-May-23 A	04-Jan-24																																							
Pilot TBM Tunnel - EB	117	30-May-23	17-Oct-23																																							
EB TBM - 1st drive to CH8+738 D/S shift (11.4m/d)	11	30-May-23	10-Jun-23	EB TBM - 1st drive to CH8+738 D/S shift (11.4m/d)																																						
EB TBM dismantling & removal	24	12-Jun-23	11-Jul-23	EB TBM dismantling & removal																																						
EB - Pilot TBM Bulkhead	24	28-Aug-23*	23-Sep-23	EB - Pilot TBM Bulkhead																																						
EB - Cavem Excavaton & Rails Footing installation	18	25-Sep-23	17-Oct-23	EB - Cavem Excavaton & Rails Footing installation																																						
Civil Works	44	12-Jul-23	31-Aug-23																																							
EB Dismantling Cavern - D&Br (180m3, 10m3/d)	12	12-Jul-23	25-Jul-23	EB Dismantling Cavern - D&Br (180m3, 10m3/d)																																						
EB Pilot TBM Bulkhead Construction	12	26-Jul-23	08-Aug-23	EB Pilot TBM Bulkhead Construction																																						
EB Dismantling Cavern - Concreting for Overbreak & Backfilling	6	09-Aug-23	15-Aug-23	EB Dismantling Cavern - Concreting for Overbreak & Backfilling																																						
EB Dismantling Cavern - Gantry Rail Footing & Anchors Installation	14	16-Aug-23	31-Aug-23	EB Dismantling Cavern - Gantry Rail Footing & Anchors Installation																																						
Pilot TBM Tunnel - WB	146	24-Jul-23 A	04-Jan-24																																							
WB TBM assembly	12	24-Jul-23 A	14-Aug-23	WB TBM assembly																																						
WB TBM - Allowance for Probing (10 rounds)	10	15-Aug-23	25-Aug-23	WB TBM - Allowance for Probing (10 rounds)																																						
WB TBM - 2nd drive to CH9+051 first 15m - Learning curve (2.4m/d)	6	11-Nov-23	17-Nov-23	WB TBM - 2nd drive to CH9+051 first 15m - Learning curve (2.4m/d)																																						
WB TBM - 2nd drive to CH8+900 151m D shift (5.5m/d)	27	18-Nov-23	19-Dec-23	WB TBM - 2nd drive to CH8+900 151m D shift (5.5m/d)																																						
WB TBM - 2nd drive to CH8+778 122m D/S shift (11.4m/d)	11	20-Dec-23	04-Jan-24	WB TBM - 2nd drive to CH8+778 122m D/S shift (11.4m/d)																																						
EAST VENTILATION BUILDING [EVb]	258	01-Mar-23	11-Jan-24																																							
Overall	258	01-Mar-23	11-Jan-24																																							
Portal Wall	186	01-Mar-23	14-Oct-23	Portal Wall																																						
Mezzanine Slab	72	16-Oct-23	11-Jan-24	Mezzanine Slab																																						

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