



Activity Name	Dur	Start	Finish	2023												2024															
				September				October				November				December				January				February							
				03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18	25		
FB-02 Decking / Staircase Steel Work / Glass works / Balustrade	42	21-Jun-23	10-Aug-23	FB-02 Decking / Staircase Steel Work / Glass works / Balustrade																											
FB-02 Glasswork	62	07-Jul-23	16-Sep-23	FB-02 Glasswork																											
FB-02 Waterproofing	54	28-Jul-23	28-Sep-23	FB-02 Waterproofing																											
FB-02 Cladding	48	01-Sep-23	30-Oct-23	FB-02 Cladding																											
FB-02 Drainage & Plumbing	24	27-Nov-23	23-Dec-23*	FB-02 Drainage & Plumbing																											
FB-02 Lighting	24	27-Nov-23	23-Dec-23	FB-02 Lighting																											
FB-02 Power Energization / Signalling	24	27-Dec-23	24-Jan-24	FB-02 Power Energization / Signalling																											
<b>[STE] Road L10 (Northern)</b>	431	08-Jul-23	14-Dec-24																												
<b>L10(N) Utilities</b>	431	08-Jul-23	14-Dec-24																												
L10(N) Stage 3 Watermain (64m, 30m/wk)	26	08-Jul-23	07-Aug-23	64m, 30m/wk																											
L10(N) Stage 3 Roadworks	24	08-Aug-23	04-Sep-23	L10(N) Stage 3 Roadworks																											
Footpath / U channel / planter	36	05-Sep-23	18-Oct-23	Footpath / U channel / planter																											
L10(N) Underground Utilities (by others)	24	05-Sep-23	04-Oct-23	L10(N) Underground Utilities (by others)																											
Landscape softwork	48	19-Oct-23	14-Dec-23	Landscape softwork																											
Section 8B Completion	0		14-Dec-23	◆ Section 8B Completion																											
Section 9D Completion	0		14-Dec-23	◆ Section 9D Completion																											
Road L10N - Establishment works	366	15-Dec-23	14-Dec-24																												
<b>DEPRESSED ROAD [DPR]</b>	79	20-Jul-23	21-Oct-23																												
<b>Portal Structure</b>	79	20-Jul-23	21-Oct-23																												
<b>Portal Structure</b>	79	20-Jul-23	21-Oct-23																												
Portal secondary structure - Slab	37	20-Jul-23*	31-Aug-23	Portal secondary structure - Slab																											
Waterproofing & drainage	6	01-Sep-23	07-Sep-23	Waterproofing & drainage																											
Landscape Soil Filling	24	08-Sep-23	07-Oct-23	Landscape Soil Filling																											
Planter works	12	09-Oct-23	21-Oct-23	Planter works																											
<b>WEST VENTILATION BUILDING [WVB]</b>	227	22-May-23 A	27-Jan-24																												
<b>Building Structure</b>	170	19-Jun-23 A	09-Dec-23																												
<b>Superstructure</b>	170	19-Jun-23 A	09-Dec-23																												
WVB - GF Wall + Column	42	19-Jun-23 A	08-Aug-23																												
WVB - 1F Beam + Slab	30	07-Sep-23	13-Oct-23*	WVB - 1F Beam + Slab																											
WVB - 1F Wall + Column	30	14-Oct-23	18-Nov-23	WVB - 1F Wall + Column																											
WVB - RF Beam + Slab	18	20-Nov-23	09-Dec-23	WVB - RF Beam + Slab																											
<b>ABWF / E&amp;M</b>	227	22-May-23 A	27-Jan-24																												
<b>ABWF</b>	221	22-May-23 A	20-Jan-24																												
WVB - ABWF works B2	40	22-May-23 A	23-Sep-23	WVB - ABWF works B2																											

- ◆ Milestone
- Planned Bar
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**ED/2018/04 Trunk Road T2 and Infrastructure Works  
 for Developments at South Apron**  
**Three Months Rolling Programme (Sep-23)**



Date	Revision	Checked	Approved
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Activity Name	Dur	Start	Finish	2023												2024											
				September				October				November				December				January				February			
				03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11
WVB - ABWF works B1	60	28-Aug-23	08-Nov-23	WVB - ABWF works B1																							
WVB - ABWF works GF	60	09-Nov-23	20-Jan-24	WVB - ABWF works GF																							
WVB - TCSS Room Access	0		20-Jan-24													WVB - TCSS Room Access											
<b>E&amp;M</b>	138	14-Aug-23	27-Jan-24																								
WVB - E&M Installation B2	66	14-Aug-23	01-Nov-23	WVB - E&M Installation B2																							
WVB - E&M Installation B1	66	09-Nov-23	27-Jan-24	WVB - E&M Installation B1																							
<b>SOUTH APRON ADIT</b>	105	24-Jul-23 A	01-Sep-23																								
<b>RC Structure</b>	105	24-Jul-23 A	01-Sep-23																								
Adit 1,2,SA,3 - wall part 2	7	24-Jul-23 A	09-Aug-23																								
Remove S1	2	10-Aug-23	11-Aug-23																								
Adit 1,2,SG,3 - Top Slab	8	12-Aug-23	21-Aug-23	3 - Top Slab																							
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																							
Waterproofing & Mass Fill	6	02-Sep-23 A	28-Aug-23																								
<b>DCS @ Portion I</b>	0	01-Sep-23	01-Sep-23																								
Portion I Forecast Handover	0		01-Sep-23	Portion I Forecast Handover																							
<b>SUPPORTING UNDERGROUND STRUCTURE [SUS]</b>	147	07-Jul-23 A	30-Nov-23																								
<b>Tunnel Internal Structure &amp; Finishing</b>	147	07-Jul-23 A	30-Nov-23																								
<b>Westbound</b>	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																							
<b>Eastbound</b>	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																							
<b>C&amp;C TUNNEL / LAUNCHING SHAFT [C&amp;C / LS]</b>	166	24-Jul-23	08-Feb-24																								
<b>Cell 1/2 Permanent Works</b>	166	24-Jul-23	08-Feb-24																								
<b>Below Road Level</b>	22	24-Jul-23	17-Aug-23																								
<b>BRL External (EB Pour 2 + WB Pour 3)</b>	22	24-Jul-23	17-Aug-23																								
BRL Steel Fixing & Formworks	18	24-Jul-23*	12-Aug-23	Formworks																							
BRL Wall Concrete	1	14-Aug-23	14-Aug-23																								

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				September				October				November				December				January				February				
				03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18
BRL Wall Gainstrength + Formworks removal	3	15-Aug-23	17-Aug-23	Strength + Formworks removal																								
<b>Carraigeway Slab</b>	12	18-Aug-23	01-Sep-23																									
<b>External Carraigeway Slab (EB Pour 2 + WB Pour 3)</b>	12	18-Aug-23	01-Sep-23																									
Road Slab Falsework erection	4	18-Aug-23	22-Aug-23	Falsework erection																								
Road Slab Rebar Fixing	4	23-Aug-23	26-Aug-23	Slab Rebar Fixing																								
Road Slab Concrete	1	28-Aug-23	28-Aug-23	Road Slab Concrete																								
Road Slab Gainstrength	3	29-Aug-23	31-Aug-23	Road Slab Gainstrength																								
Change Access to EB & WB	0	01-Sep-23		Change Access to EB & WB																								
<b>Road Level Wall</b>	18	01-Sep-23	21-Sep-23																									
<b>RL Middle Wall + External Wall</b>	18	01-Sep-23	21-Sep-23																									
Scaffolding Erection	4	01-Sep-23	05-Sep-23	Scaffolding Erection																								
Steel Fixing	6	06-Sep-23	12-Sep-23	Steel Fixing																								
Formworks	4	13-Sep-23	16-Sep-23	Formworks																								
Concreting	1	18-Sep-23	18-Sep-23	Concreting																								
Gainstrength + Formworks removal	3	19-Sep-23	21-Sep-23	Gainstrength + Formworks removal																								
<b>Above Road Level Wall</b>	15	22-Sep-23	11-Oct-23																									
<b>ARL Middle + External Wall</b>	15	22-Sep-23	11-Oct-23																									
Scaffolding Erection	3	22-Sep-23	25-Sep-23	Scaffolding Erection																								
Steel Fixing	5	26-Sep-23	03-Oct-23	Steel Fixing																								
Formworks	3	04-Oct-23	06-Oct-23	Formworks																								
Concreting	1	07-Oct-23	07-Oct-23	Concreting																								
Gainstrength + Formworks removal	3	09-Oct-23	11-Oct-23	Gainstrength + Formworks removal																								
<b>Overall Top Slab / OHVD</b>	99	12-Oct-23	08-Feb-24																									
C&C/LS Top Slab Construction	33	12-Oct-23	20-Nov-23	C&C/LS Top Slab Construction																								
C&C/LS Top Slab Waterproofing	24	21-Nov-23	18-Dec-23	C&C/LS Top Slab Waterproofing																								
C&C/LS Backfilling TS to -10.5mPD @ rate 1.0m / day	6	19-Dec-23	27-Dec-23	C&C/LS Backfilling TS to -10.5mPD @ rate 1.0m / day																								
C&C/LS Late stich / Headwall construction	36	28-Dec-23	08-Feb-24	C&C/LS Late stich / Headwall construction																								
<b>SUB-SEA TBM TUNNEL - WESTBOUND</b>	209	18-Apr-23 A	23-Jan-24																									
<b>Precast Fabrication</b>	177	15-May-23	13-Dec-23																									
<b>Service Gallery</b>	24	15-May-23	12-Jun-23																									
Precast Service Gallery - 100%	24	15-May-23	12-Jun-23																									
<b>OHVD Slab</b>	168	25-May-23	13-Dec-23																									
Precast OHVD Slab - 40%	24	25-May-23	23-Jun-23																									
Precast OHVD Slab - 50%	24	24-Jun-23	22-Jul-23																									

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				September				October				November				December				January				February											
				03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18	25						
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%																															
<b>TBM Tunnelling</b>	246	18-Apr-23 A	23-Jan-24																																
WB TBM Tunnelling CH8459-8603	72	18-Apr-23 A	11-Jul-23																																
WB TBM Tunnelling CH8103-8459	22	23-May-23	13-Jun-23																																
WB TBM Excavation re-start	0	15-Oct-23*		◆ WB TBM Excavation re-start																															
WB TBM Tunnelling CH8577-8603	13	15-Oct-23	27-Oct-23	WB TBM Tunnelling CH8577-8603																															
WB TBM Tunnelling CH8603-8747	72	28-Oct-23	07-Jan-24	WB TBM Tunnelling CH8603-8747																															
WB TBM Tunnelling CH8747-8778	16	08-Jan-24	23-Jan-24	WB TBM Tunnelling CH8747-8778																															
<b>SUB-SEA TBM TUNNEL - EASTBOUND</b>	104	30-Sep-23	11-Jan-24																																
<b>TBM Tunnelling</b>	104	30-Sep-23	11-Jan-24																																
EB TBM Excavation re-start	0	30-Sep-23*		◆ EB TBM Excavation re-start																															
WB TBM Tunnelling CH8609-8738	65	30-Sep-23	03-Dec-23	WB TBM Tunnelling CH8609-8738																															
EB TBM Tunnelling CH8738-8863	39	04-Dec-23	11-Jan-24	EB TBM Tunnelling CH8738-8863																															
<b>SUB-SEA TUNNEL CROSS PASSAGE (CP7-CP27a/b)</b>	156	21-Jul-23	25-Jan-24																																
<b>WB CP Tympanum Structure</b>	156	21-Jul-23	25-Jan-24																																
CP24 - WB - Tympanum Civil works CH8392	24	21-Jul-23	17-Aug-23	Tympanum Civil works CH8392																															
CP25 - WB - Tympanum Civil works CH8489	24	28-Dec-23	25-Jan-24	CP25 - WB - Tympanum Civil works CH8489																															
<b>EB CP Tympanum Structure</b>	24	11-Dec-23	10-Jan-24																																
CP25 - EB - Tympanum Civil works CH8489	24	11-Dec-23	10-Jan-24	CP25 - EB - Tympanum Civil works CH8489																															
<b>CP TBM Pipe Jacking</b>	28	11-Sep-23	08-Oct-23																																
<b>CP9 to CP24</b>	28	11-Sep-23	08-Oct-23																																
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																															
<b>SUB-SEA TUNNEL INTERNAL &amp; FINISHING</b>	269	16-Mar-23	08-Feb-24																																
<b>Gallery B Installation</b>	88	28-Sep-23	15-Jan-24																																
<b>Westbound</b>	88	28-Sep-23	15-Jan-24																																
WB TBM Tunnel - Gallery B CH8499-8588 100m CP26	11	28-Sep-23	12-Oct-23	WB TBM Tunnel - Gallery B CH8499-8588 100m CP26																															
WB TBM Tunnel - Gallery B CH8588-8688 100m CP27	11	13-Oct-23	26-Oct-23	WB TBM Tunnel - Gallery B CH8588-8688 100m CP27																															
WB TBM Tunnel - Cast In-situ Low Point Sump Pit construction	30	27-Oct-23	30-Nov-23	WB TBM Tunnel - Cast In-situ Low Point Sump Pit construction																															
WB TBM Tunnel - FS Room Construction	36	01-Dec-23	15-Jan-24	WB TBM Tunnel - FS Room Construction																															

- ◆ Milestone
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				September				October				November				December				January				February						
				03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18	25	
<b>Below Road Level Structures</b>	101	17-Jul-23	14-Nov-23																											
<b>Westbound</b>	60	02-Sep-23	14-Nov-23																											
WB TBM Tunnel - Tunnel Drainage Pipe Installation up to CP27	41	02-Sep-23	21-Oct-23	WB TBM Tunnel - Tunnel Drainage Pipe Installation up to CP27																										
WB TBM Tunnel - Invert Slab construction up to CP27	16	27-Oct-23	14-Nov-23							WB TBM Tunnel - Invert Slab construction up to CP27																				
<b>Eastbound</b>	41	17-Jul-23	01-Sep-23																											
EB TBM Tunnel - Tunnel Drainage Pipe Installation up to CP27	41	17-Jul-23	01-Sep-23	EB TBM Tunnel - Tunnel Drainage Pipe Installation up to CP27																										
<b>Corbel</b>	122	23-May-23	17-Oct-23																											
<b>Westbound</b>	122	23-May-23	17-Oct-23																											
WB - TBM Tunnel - Corbel Structure up to CP16	8	23-May-23	01-Jun-23																											
WB - TBM Tunnel - Corbel Structure up to CP17	8	13-Jun-23	21-Jun-23																											
WB - TBM Tunnel - Corbel Structure up to CP18	8	28-Jun-23	07-Jul-23																											
WB - TBM Tunnel - Corbel Structure up to CP19	8	12-Jul-23	20-Jul-23																											
WB - TBM Tunnel - Corbel Structure up to CP20	8	14-Aug-23	22-Aug-23	Tunnel - Corbel Structure up to CP20																										
WB - TBM Tunnel - Corbel Structure up to CP21	8	28-Aug-23	05-Sep-23							WB - TBM Tunnel - Corbel Structure up to CP21																				
WB - TBM Tunnel - Corbel Structure up to CP22	8	11-Sep-23	19-Sep-23							WB - TBM Tunnel - Corbel Structure up to CP22																				
WB - TBM Tunnel - Corbel Structure up to CP23	8	25-Sep-23	05-Oct-23												WB - TBM Tunnel - Corbel Structure up to CP23															
WB - TBM Tunnel - Corbel Structure up to CP24	8	09-Oct-23	17-Oct-23													WB - TBM Tunnel - Corbel Structure up to CP24														
<b>Eastbound</b>	122	23-May-23	17-Oct-23																											
EB - TBM Tunnel - Corbel Structure up to CP16	8	23-May-23	01-Jun-23																											
EB - TBM Tunnel - Corbel Structure up to CP17	8	13-Jun-23	21-Jun-23																											
EB - TBM Tunnel - Corbel Structure up to CP18	8	28-Jul-23*	05-Aug-23																											
EB - TBM Tunnel - Corbel Structure up to CP19	8	07-Aug-23	15-Aug-23																											
EB - TBM Tunnel - Corbel Structure up to CP20	8	16-Aug-23	24-Aug-23	TBM Tunnel - Corbel Structure up to CP20																										
EB - TBM Tunnel - Corbel Structure up to CP21	8	28-Aug-23	05-Sep-23							EB - TBM Tunnel - Corbel Structure up to CP21																				
EB - TBM Tunnel - Corbel Structure up to CP22	8	11-Sep-23	19-Sep-23							EB - TBM Tunnel - Corbel Structure up to CP22																				
EB - TBM Tunnel - Corbel Structure up to CP23	8	25-Sep-23	05-Oct-23												EB - TBM Tunnel - Corbel Structure up to CP23															
EB - TBM Tunnel - Corbel Structure up to CP24	8	09-Oct-23	17-Oct-23													EB - TBM Tunnel - Corbel Structure up to CP24														
<b>Fire Board - Tunnel Crown</b>	245	16-Mar-23	11-Jan-24																											
<b>Westbound</b>	181	16-Mar-23	25-Oct-23																											
WB - TBM Tunnel - Fire board - Tunnel Crown up to CP8 - Learning curve	67	16-Mar-23	08-Jun-23																											
WB - TBM Tunnel - Fire board - Tunnel Crown up to CP15	65	17-Jun-23	02-Sep-23							WB - TBM Tunnel - Fire board - Tunnel Crown up to CP15																				
WB - TBM Tunnel - Fire board - Tunnel Crown up to CP23	42	04-Sep-23	25-Oct-23							WB - TBM Tunnel - Fire board - Tunnel Crown up to CP23																				
<b>Eastbound</b>	64	26-Oct-23	11-Jan-24																											
Aerial Platform re-assembly and EB Tunnel	9	26-Oct-23*	04-Nov-23												Aerial Platform re-assembly and EB Tunnel															

- ◆ Milestone
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## ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

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				September				October				November				December				January			February									
				03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18	25			
EB - TBM Tunnel - Fire board - Tunnel Crown up to CP16	55	06-Nov-23	11-Jan-24													EB - TBM Tunnel - Fire board - Tunnel Crown up to CP16																
<b>OHVD Slab / Damper Installation</b>	159	18-Jul-23	25-Jan-24																													
<b>Westbound</b>	82	18-Jul-23	24-Oct-23																													
WB - ISSG Assembly	12	18-Jul-23	31-Jul-23																													
WB - TBM Tunnel - OHVD Slab/ Damper up to CH7512	30	01-Aug-23	04-Sep-23	WB - TBM Tunnel - OHVD Slab/ Damper up to CH7512																												
WB - TBM Tunnel - OHVD Slab/ Damper up to CH8392	40	05-Sep-23	24-Oct-23	WB - TBM Tunnel - OHVD Slab/ Damper up to CH8392																												
<b>Eastbound</b>	77	25-Oct-23	25-Jan-24																													
EB - ISSG Transfer & Reassembly	12	25-Oct-23	07-Nov-23	EB - ISSG Transfer & Reassembly																												
EB - TBM Tunnel - OHVD Slab/ Damper Phase 1	65	08-Nov-23	25-Jan-24	EB - TBM Tunnel - OHVD Slab/ Damper Phase 1																												
<b>Fire Board - OHVD Soffit</b>	147	15-Aug-23	08-Feb-24																													
<b>Westbound</b>	96	15-Aug-23	07-Dec-23																													
WB - TBM Fire Board OHVD Soffit up to CH7512	48	15-Aug-23	11-Oct-23	WB - TBM Fire Board OHVD Soffit up to CH7512																												
WB - TBM Fire Board OHVD Soffit up to CH8392	48	12-Oct-23	07-Dec-23	WB - TBM Fire Board OHVD Soffit up to CH8392																												
<b>Eastbound</b>	65	22-Nov-23	08-Feb-24																													
EB - TBM Fire Board OHVD Soffit Phase 1	65	22-Nov-23	08-Feb-24	EB - TBM Fire Board OHVD Soffit Phase 1																												
<b>Fire Board - Road Level Wall</b>	97	08-Jul-23	01-Nov-23																													
<b>Westbound</b>	97	08-Jul-23	01-Nov-23																													
WB - TBM Tunnel - Fire Board - Wall CPS up to CP18	23	08-Jul-23	03-Aug-23	Wall CPS up to CP18																												
WB - TBM Tunnel - Fire Board - Wall CPS up to CP21	23	06-Sep-23	04-Oct-23	WB - TBM Tunnel - Fire Board - Wall CPS up to CP21																												
WB - TBM Tunnel - Fire Board - Wall CPS up to CP24	23	05-Oct-23	01-Nov-23	WB - TBM Tunnel - Fire Board - Wall CPS up to CP24																												
<b>Eastbound</b>	72	07-Aug-23	01-Nov-23																													
EB - TBM Tunnel - Fire Board - Wall CPS up to CP18	23	07-Aug-23	01-Sep-23	EB - TBM Tunnel - Fire Board - Wall CPS up to CP18																												
EB - TBM Tunnel - Fire Board - Wall CPS up to CP21	23	06-Sep-23	04-Oct-23	EB - TBM Tunnel - Fire Board - Wall CPS up to CP21																												
EB - TBM Tunnel - Fire Board - Wall CPS up to CP24	23	05-Oct-23	01-Nov-23	EB - TBM Tunnel - Fire Board - Wall CPS up to CP24																												
<b>Road Barrier, Parapet &amp; Utility Trough</b>	143	19-Jun-23	07-Dec-23																													
<b>Westbound</b>	143	19-Jun-23	07-Dec-23																													
WB - TBM Tunnel - Road Barrier, Parapet & Utility Trough CPS up to CP14	87	19-Jun-23*	29-Sep-23	WB - TBM Tunnel - Road Barrier, Parapet & Utility Trough CPS up to CP14																												
WB - TBM Tunnel - Road Barrier, Parapet & Utility Trough CPS up to CP21	40	03-Oct-23	18-Nov-23	WB - TBM Tunnel - Road Barrier, Parapet & Utility Trough CPS up to CP21																												
WB - TBM Tunnel - Road Barrier, Parapet & Utility Trough CPS up to CP24	16	20-Nov-23	07-Dec-23	WB - TBM Tunnel - Road Barrier, Parapet & Utility Trough CPS up to CP24																												
<b>Eastbound</b>	120	12-Jul-23	01-Dec-23																													
EB - TBM Tunnel - Road Barrier, Parapet & Utility Trough CPS up to CP14	80	12-Jul-23*	14-Oct-23	EB - TBM Tunnel - Road Barrier, Parapet & Utility Trough CPS up to CP14																												
EB - TBM Tunnel - Road Barrier, Parapet & Utility Trough CPS up to CP21	40	16-Oct-23	01-Dec-23	EB - TBM Tunnel - Road Barrier, Parapet & Utility Trough CPS up to CP21																												
<b>DRILL &amp; BLAST TUNNEL [D&amp;BI]</b>	228	05-Jun-23	08-Mar-24																													
<b>Tunnel Structure WB Type A</b>	126	21-Aug-23	20-Jan-24																													

- ◆ Milestone
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## ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

### Three Months Rolling Programme (Sep-23)



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Activity Name	Dur	Start	Finish	2023												2024															
				September				October				November				December				January				February							
				03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18	25		
WB - Type A Lining Formwork Assembly	24	21-Aug-23	16-Sep-23	WB - Type A Lining Formwork Assembly																											
WB - Type A Lining before Pilot TBM Arrival	44	18-Sep-23	10-Nov-23	WB - Type A Lining before Pilot TBM Arrival																											
WB - Type A2 to A1 Formwork	12	30-Oct-23	11-Nov-23	WB - Type A2 to A1 Formwork																											
WB - Blast Door SG Excavation (24m, 0.5m/d)	48	02-Nov-23	29-Dec-23	WB - Blast Door SG Excavation (24m, 0.5m/d)																											
WB - Type A2 Wall (3 bays, 4d/bay)	12	13-Nov-23	25-Nov-23	WB - Type A2 Wall (3 bays, 4d/bay)																											
WB - Type A2 Formwork Wallform Removal	6	27-Nov-23	02-Dec-23	WB - Type A2 Formwork Wallform Removal																											
WB - Type A2 Crown (3 bays, 8d/bay)	24	04-Dec-23	03-Jan-24	WB - Type A2 Crown (3 bays, 8d/bay)																											
WB - Blast Door SG Installation	12	30-Dec-23	13-Jan-24	WB - Blast Door SG Installation																											
WB - Type A Lining Formwork Dismantling	12	04-Jan-24	17-Jan-24	WB - Type A Lining Formwork Dismantling																											
WB - Blast Door Base Slab	6	15-Jan-24	20-Jan-24	WB - Blast Door Base Slab																											
<b>Tunnel Structure EB Type A</b>	92	21-Aug-23	08-Dec-23																												
EB - Blast Door SG Excavation	48	21-Aug-23*	17-Oct-23	EB - Blast Door SG Excavation																											
EB D&BI - Type A Lining Formwork Dismantling	24	21-Aug-23*	16-Sep-23	EB D&BI - Type A Lining Formwork Dismantling																											
EB D&BI - Type A OHVD Formwork Assembly	24	18-Sep-23*	17-Oct-23	EB D&BI - Type A OHVD Formwork Assembly																											
EB - Blast Door SG Installation	12	18-Oct-23	01-Nov-23	EB - Blast Door SG Installation																											
EB D&BI - Type A OHVD (8 bays, 4d.bay)	32	18-Oct-23	24-Nov-23	EB D&BI - Type A OHVD (8 bays, 4d.bay)																											
EB - Blast Door Base Slab	6	02-Nov-23	08-Nov-23	EB - Blast Door Base Slab																											
EB D&BI - Type A OHVD Formwork Dismantling	12	25-Nov-23	08-Dec-23	EB D&BI - Type A OHVD Formwork Dismantling																											
<b>Tunnel Structure EB Type C</b>	228	05-Jun-23	08-Mar-24																												
EB Type C - Wall (16 bays @6m, 4d/bay + 30d formwork ass. & dismantling)	88	05-Jun-23*	16-Sep-23	EB Type C - Wall (16 bays @6m, 4d/bay + 30d formwork ass. & dismantling)																											
EB Type C - A/C/E Junction End Wall	52	29-Jul-23	27-Sep-23	EB Type C - A/C/E Junction End Wall																											
EB Type C - Crown Formwork Assembly	18	11-Sep-23	03-Oct-23	EB Type C - Crown Formwork Assembly																											
EB Type C - Wall Formwork Dismantling	12	18-Sep-23	03-Oct-23	EB Type C - Wall Formwork Dismantling																											
EB Type C - Crown (16 bays @ 6m, 8d/bay)	128	04-Oct-23	08-Mar-24	EB Type C - Crown (16 bays @ 6m, 8d/bay)																											
<b>Tunnel Structure EB Type A D&amp;Br</b>	50	12-Jul-23	07-Sep-23																												
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)																											
<b>Tunnel Structure S01 Branch Tunnel</b>	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)																											

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				September				October				November				December				January					February				
				03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18	25
EB Type E - OHVD Formwork Dismantling	18	30-Dec-23	20-Jan-24																										
<b>CKL TUNNEL INTERNAL STRUCTURE</b>	10	30-Dec-23	11-Jan-24																										
<b>Fire Board</b>	10	30-Dec-23	11-Jan-24																										
EB Type E - OHVD Fire Board Installation	10	30-Dec-23	11-Jan-24																										
<b>CKL TUNNEL - PILOT TBM</b>	150	30-May-23 A	25-Nov-23																										
<b>Pilot TBM Tunnel - EB</b>	144	30-May-23	18-Nov-23																										
EB TBM - 1st drive to CH8+738 D/S shift (11.4m/d)	11	30-May-23	10-Jun-23																										
EB TBM dismantling & removal	24	12-Jun-23	11-Jul-23																										
EB - Pilot TBM Bulkhead	24	28-Sep-23*	28-Oct-23																										
EB - Cavem Excavaton & Rails Footing installation	18	30-Oct-23	18-Nov-23																										
<b>Civil Works</b>	44	12-Jul-23	31-Aug-23																										
EB Dismantling Cavern - D&Br (180m3, 10m3/d)	12	12-Jul-23	25-Jul-23																										
EB Pilot TBM Bulkhead Construction	12	26-Jul-23	08-Aug-23																										
EB Dismantling Cavern - Concreting for Overbreak & Backfilling	6	09-Aug-23	15-Aug-23																										
EB Dismantling Cavern - Gantry Rail Footing & Anchors Installation	14	16-Aug-23	31-Aug-23																										
<b>Pilot TBM Tunnel - WB</b>	115	24-Jul-23 A	25-Nov-23																										
WB TBM assembly	8	24-Jul-23 A	14-Aug-23																										
WB TBM - 2nd drive to CH9+051 first 15m - Learning curve (2.4m/d)	6	15-Aug-23	21-Aug-23																										
WB TBM - 2nd drive to CH8+900 151m D shift (5.5m/d)	27	22-Aug-23	21-Sep-23																										
WB TBM - 2nd drive to CH8+778 122m D/S shift (11.4m/d)	11	22-Sep-23	06-Oct-23																										
WB TBM dismantling & removal	18	07-Oct-23	28-Oct-23																										
WB - Pilot TBM Bulkhead	24	30-Oct-23	25-Nov-23																										
<b>EAST VENTILATION BUILDING [EVB]</b>	322	28-Dec-22	27-Jan-24																										
<b>Overall</b>	258	01-Mar-23	11-Jan-24																										
Portal Wall	186	01-Mar-23	14-Oct-23																										
Mezzanine Slab	72	16-Oct-23	11-Jan-24																										
<b>OTHERS</b>	322	28-Dec-22	27-Jan-24																										
EVB - Genset Flue procurement & delivery	322	28-Dec-22	27-Jan-24																										
Platform Removal at Portion T1	48	01-Aug-23*	25-Sep-23																										
EVB - Genset delivery arrival to site	0		27-Jan-24																										
<b>TUNNEL E&amp;M INSTALLATION &amp; COMMISSIONING</b>	42	01-Dec-23	22-Jan-24																										
<b>AGR / DPR / SUS</b>	24	01-Dec-23	30-Dec-23																										
Tunnel 1st Fix - Cable Bracket & Containment	24	01-Dec-23	30-Dec-23																										
Tunnel OHVD Soffit - 1st Fix - LHD Bracket & Cable Laying	24	01-Dec-23	30-Dec-23																										

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				03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11
Stage 3B1 - Civil provision between AGR to SUS Tunnel for TCSS	0		30-Dec-23																◆ Stage 3B1 - Civil provision between AGR to SUS Tunnel for TCSS								
<b>Sub-sea Tunnel between LSCC &amp; CP11 Including E&amp;M at SG</b>	24	22-Dec-23	22-Jan-24																								
Tunnel OHVD Soft - 1st Fix - LHD Bracket & Cable Laying	24	22-Dec-23	22-Jan-24																								

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