

Appendix B

## Construction Programme

ID	Activity	Duration (Days)	Duration % Complete	Start	Finish	Total Float	2018												2019												2020				
							May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
HY2017/10 - Works Programme Three Month Rolling Programme 20-Dec-19																																			
<b>Contract Dates</b>																																			
<b>Key Dates</b>																																			
KD03	KD03 - Satellite Control Bldg & TCSS Provision	0	0%																																
KD05	KD05 - E&M for Toll Area, N1, Underpass, Plant Rm, Footbridges/Roads	0	0%																																
KD06	KD06 - E&M for Admin Bldg, Depot, Training Ground, N Vent Bldg, N2	0	100%																																
KD06A	KD6A - E&M for Approach Roads and At-Grade Rd at North Side	0	0%																																
KD06B	KD6B - E&M for South Vent Duct, Tunnel, Approach Roads	0	0%																																
KD06C	KD6C - E&M for South Vent Building	0	0%																																
KD07	KD07 - E&M for Satellite Control Bldg and S1 & S2	0	0%																																
KD07A	KD7A - E&M for Approach Roads and At-Grade Rd at South Side	0	0%																																
<b>Portion Access Dates</b>																																			
P365	Access to Portion IVa (ML03)	0	100%	30-Nov-19 A																															
P390	Access to Portion Va	0	100%	17-Dec-19 A																															
P420	Access to Portion II - 8 Jan 2020	0	0%	08-Jan-20*																															
P430	Access to Portion VI d (Day 641)	0	0%	06-Feb-20																															
P440	Access to Portion IVb	0	0%	20-Dec-19																															
P450	Access to Portion IVc	0	0%	30-Jan-20																															
P460	Access to Portion VIc (Day 666 or notified by engineer)	0	0%	02-Mar-20																															
P470	Access to Portion VIa (Day 678 or notified by engineer)	0	0%	14-Mar-20																															
<b>Portion Possession Dates</b>																																			
P325	Possession to Portion XXII (Day 483)	0	0%	20-Dec-19																															
P335	Possession to Portion XXIII (Day 483)	0	0%	20-Dec-19																															
P345	Possession to Portion VIb (Day 483)	0	0%	20-Dec-19																															
P355	Possession to Portion VII	0	0%	20-Dec-19																															
<b>Portion Handover Dates</b>																																			
H110	Vacate Portion XVIIb (Day 137 after Possession)	0	0%																																
<b>Major Design Submission &amp; Approval</b>																																			
<b>Toll Control Building</b>																																			
<b>MVAC System</b>																																			
TCB-EMD1095	Authorities Review and Comment of AHU/PAU Static Pressure Calculation	56	50%	23-Aug-18 A																															
TCB-EMD1115	Authorities Review and Comment of MVAC Pump head calculation	56	50%	23-Aug-18 A																															
<b>Electrical System</b>																																			
TCB-EMD1015	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	22-Aug-18 A																															
TCB-EMD1055	Authorities Review and Comment of Generator Calculation	56	50%	15-Aug-18 A																															
<b>Fire Service System</b>																																			
TCB-EMD1175	Authorities Review and Comment of FS Pump Head Calculation	56	50%	01-Aug-18 A																															
TCB-EMD1195	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	14-Aug-18 A																															
TCB-EMD1215	Authorities Review and Comment of FM200 System Design Calculation	56	50%	13-Aug-18 A																															
<b>Plumbing &amp; Drainage System</b>																																			
TCB-EMD1235	Authorities Review and Comment of Pump Head Calculation	56	50%	07-Aug-18 A																															
TCB-EMD1275	Authorities Review and Comment of Hot water system capacity calculation	56	50%	07-Aug-18 A																															
TCB-EMD1395	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	23-Jul-18 A																															
<b>Administration Building</b>																																			
<b>MVAC System</b>																																			
ADB-EMD1015	Authorities Review and Comment of AC Cooling Capacity Calculation	56	50%	17-Aug-18 A																															
ADB-EMD1035	Authorities Review and Comment of AHU/PAU Static Pressure Calculation	56	50%	08-Oct-18 A																															
ADB-EMD1055	Authorities Review and Comment of Pump head calculation	56	50%	07-Nov-18 A																															
ADB-EMD1075	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	17-Aug-18 A																															
<b>Electrical System</b>																																			

CONTRACT NO. HY2017/10

NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS

THREE MONTHLY PROGRAMME AS OF 20 Dec 2019

P 1	Date	Revision	Checked	Approved
	20-Dec-19			











































