

Appendix A

Construction Programme



Major Construction Activities (Jul 2023)

Item	Major Construction Activates	Location
1	Underbreak scaling and smoothing works	HMT
2	Invert, lining and OHVD construction	
3	Internal structure for ventilation adit and cavern	
4	Finshing for shaft slipform	
5	ELS excavation	
6	Site and shaft installation	
7	Drill and blast excavation	YMT
8	Drill and break excavation	
9	Underbreak scaling and smoothing works	
10	Invert, lining and OHVD construction	
11	Mucking out from tunnel	
12	Site and shaft installation	
13	Drill and blast excavation	MTK
14	Drill and break excavation	
15	TBM pilot tunnel enlargement	
16	Underbreak scaling and smoothing works	
17	Invert, lining and OHVD construction	
18	Mucking out from tunnel	
19	Site and shaft installation	
20	Spoil handing and disposal	KTBF
21	Concreting and importing fill material by drop pipe	SLS
22	Construction of drop pipe	MHC

Major Construction Activities (Aug 2023)

Item	Major Construction Activates	Location
1	Underbreak scaling and smoothing works	HMT
2	Invert, lining and OHVD construction	
3	Internal structure for ventilation adit and cavern	
4	Finshing for shaft slipform	
5	ELS excavation	
6	Site and shaft installation	
7	Drill and blast excavation	YMT
8	Drill and break excavation	
9	Underbreak scaling and smoothing works	
10	Invert, lining and OHVD construction	
11	Mucking out from tunnel	
12	Site and shaft installation	
13	Drill and break excavation	MTK
14	TBM pilot tunnel enlargement	
15	Underbreak scaling and smoothing works	
16	Invert, lining and OHVD construction	
17	Mucking out from tunnel	
18	Site and shaft installation	
19	Spoil handing and disposal	KTBF
20	Concreting and importing fill material by drop pipe	SLS
21	Construction of drop pipe and concreting	MHC