


Appendix A

Construction Programme

| # | Activity Name | Orig Dur | Start | Finish | 2019 | | | | | | | | | | | | 2020 | | | | | 2021 | | | | | 2022 | | | | | 2023 | | | | | 2024 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | J | | | A | | | S | | | O | | | N | | | D | | | J | | | F | | | M | | | A | | | M | | | J | | | J | | | A | | | S | | | O | | | N | | | D | | | J | | | F | | | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J |
| 1 | HY/2018/08 Central Kowloon Route | 1379 | 03-Jul-19 | 26-Feb-24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Executive Summary | 1379 | 03-Jul-19 | 26-Feb-24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | General | 9 | 03-Jul-19 | 12-Jul-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Contract Date | 0 | 03-Jul-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Starting Date | 0 | 12-Jul-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Yau Ma Tei Shaft - Access & Tunnelling | 749 | 18-Apr-20 | 28-Oct-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Ho Man Tin Shaft - Access & Tunnelling | 1046 | 28-Oct-19 | 12-May-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Ma Tau Kok Access - Access & Tunnelling | 693 | 31-Jan-21 | 08-Jun-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Ho Man Tin Vent Shaft - Civil works | 1044 | 30-Oct-19 | 12-May-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Yau Ma Tei Shaft - Civil works | 258 | 16-Apr-23 | 26-Feb-24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Ma Tau Kok Shaft - Civil works | 236 | 13-May-23 | 26-Feb-24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

 Summary
 Milestone

HY/2018/08 Central Kowloon Route Central Tunnel
 Executive Summary



| Date | Revision | Checked | Approved |
|-----------|----------|---------|----------|
| 16-Jul-19 | 00V0 | CLa | WYu |
| 20-Aug-19 | 00V1 | CLa | WYu |



Major Construction Activities (Dec 2021)

| Item | Major Construction Activities | Location |
|------|--|----------------|
| 1 | Drill and blast excavation | HMT |
| 2 | Tunnel mixed ground/soft ground excavation | |
| 3 | Canopy and arch rib installation | |
| 4 | Tunnel smoothing works | |
| 5 | Mucking out from tunnel | |
| 6 | Modification of dewatering system | |
| 7 | Site and shaft installation | |
| 8 | Civil work preparation for TBM breakout | |
| 9 | Pilot tunnel excavation by TBM | |
| 10 | Drill and break excavation | YMT |
| 11 | Canopy and arch rib installation | |
| 12 | Mucking out from tunnel | |
| 13 | Arch-rib installation | |
| 14 | Site and shaft installation | |
| 15 | Erection of noise enclosure | |
| 16 | Drill and blast excavation | MTK |
| 17 | Mucking out from tunnel | |
| 18 | TBM breakout face civil work | |
| 19 | Site and shaft installation | |
| 20 | Installation of new ventilation system | |
| 21 | Erection of utility tower | |
| 22 | Erection of noise enclosure | |
| 23 | Reinstatement of working area | Chi Man Street |
| 24 | Spoil handing and disposal | KTBF |

Major Construction Activities (Jan 2022)

| Item | Major Construction Activities | Location |
|------|--|----------------|
| 1 | Drill and blast excavation | HMT |
| 2 | Tunnel mixed ground/soft ground excavation | |
| 3 | Canopy and arch rib installation | |
| 4 | Tunnel smoothing works | |
| 5 | Mucking out from tunnel | |
| 6 | Modification of dewatering system | |
| 7 | Site and shaft installation | |
| 8 | Pilot tunnel excavation by TBM | |
| 9 | Drill and break excavation | YMT |
| 10 | Canopy and arch rib installation | |
| 11 | Mucking out from tunnel | |
| 12 | Arch-rib installation | |
| 13 | Site and shaft installation | |
| 14 | Drill and blast excavation | MTK |
| 15 | Mucking out from tunnel | |
| 16 | TBM break-out face civil work | |
| 17 | Site and shaft installation | |
| 18 | Installation of new ventilation system | |
| 19 | Erection of utility tower | |
| 20 | Erection of noise enclosure | |
| 21 | Reinstatement of working area | Chi Man Street |
| 22 | Spoil handing and disposal | KTBF |