

PWP Item No. 6876TH
Improvement of Lion Rock Tunnel

- (i) construction of a three-lane tunnel tube of approximately 1.4 kilometres (km) long between the two existing tunnel tubes of the Lion Rock Tunnel with associated pedestrian cross passages linking with (ii);
- (ii) widening of the existing southbound tunnel tube of the Lion Rock Tunnel from a two-lane tunnel tube to a three-lane tunnel tube;
- (iii) rehabilitation of the existing northbound tunnel tube of the Lion Rock Tunnel;
- (iv) modification of the existing toll plaza of the Lion Rock Tunnel at Sha Tin;
- (v) construction of an elevated carriageway across Lion Rock Tunnel Road at the toll plaza at Sha Tin to serve tunnel operations;
- (vi) construction of a footbridge with lifts across Lion Rock Tunnel Road at the toll plaza at Sha Tin;
- (vii) widening of sections of the existing Lion Rock Tunnel Road between Sha Tin Road and Waterloo Road;
- (viii) modification of the slip roads connecting Lung Cheung Road eastbound with Lion Rock Tunnel Road;
- (ix) modification of the slip roads connecting Hung Mui Kuk Road with Lion Rock Tunnel Road;
- (x) construction of tunnels, pedestrian cross passages, at-grade carriageways, elevated carriageways, footbridge and associated staircases, footpaths/staircases, lifts, amenity areas, central

reserves/refuge islands, pedestrian crossings, verges and parking areas;

- (xi) permanent closure and demolition of sections of the existing tunnel, at-grade carriageways, footbridges and associated staircases, footpaths/staircases, amenity areas, central reserves/refuge islands, pedestrian crossings;
- (xii) demolition of sections of the existing buildings/structures;
- (xiii) temporary closure and rehabilitation of the existing tunnel;
- (xiv) temporary closure and reconstruction of sections of the existing tunnel, at-grade carriageways, footbridge and associated staircases, footpaths/staircases, amenity areas and central reserves/refuge islands; and
- (xv) ancillary works including geotechnical, slope, drainage, sewerage, water, utilities, lighting, landscaping, electrical and mechanical, and building works; installation of street furniture as well as traffic aids; construction of semi-enclosure noise barriers, vertical noise barriers, vertical noise barriers with cantilever, buildings/structures for tunnel operations, retaining walls and slopes.

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