Why are there some dark rectangular pavements along the road surface?
The access hatches provide an emergency access to the service gallery via the carriageway. Fire Services Department personnel will access to the service gallery through the access hatches for rescue. There are 45 numbers of access hatches along the tunnel.

Why are there some holes next to the carriageway?
Sliding plate dampers are part of the tunnel ventilation system for controlling the low level air supply during normal operation of the tunnel. This design enables the efficient use of space under the carriageway and effective dilution of pollutants for extraction at the ceiling. There are 3,682 sliding plate dampers inside the tunnel.

What is the purpose of the wire mesh on the ceiling?
Linear heat detection cables are installed along the ceiling of the tunnel. The cables are equipped with temperature sensors which will activate the smoke extraction of tunnel ventilation system when the tunnel temperature has reached 60°C.

What is the square machine installed at the ceiling?
Motorised fire and smoke damper (MFSO) is a device to control the air supply and extraction of the tunnel during normal operation, and to extract the smoke from the tunnel during emergency situation. There are 1,687 MFSO installed along the tunnel.

What is the function of these doors?
Behind these doors are the cross passages connecting the southbound and northbound tunnel tubes. In case of emergency, people can retreat to the other tunnel tube through the cross passages for safety. There are 57 cross passages along the tunnel.

How many speed enforcement cameras are in the tunnel?
There are 12 speed enforcement cameras associated with speed limit signs alerting drivers to drive within the speed limit. The equipment in orange and grey colour is the camera and flash respectively.

Are vehicles allowed to travel in the service gallery?
The service gallery is provided with bi-directional electric vehicles to facilitate maintenance agents to access to various locations of the service gallery for regular inspection and maintenance of utilities. There are 7 numbers of bi-directional electric vehicles in total.

Project Website: www.tm-ckl.hk
屯門-赤鱲角隧道冷知識

為什麼沿途隧道地面都有些比較深色的長方形斑塊？
那些地方其實是通往公用設施走廊的緊急入口。當公用設施走廊發生緊急事故，消防人員會從緊急入口進入公用設施走廊進行救援工作。兩條隧道走廊內共設有45個緊急入口。

為什麼沿途隧道的路旁有些氣孔？
這些氣孔為活動隔板，是隧道通風系統的一部分，將新鮮空氣由隧道低位進入縫道。此設計除了有效利用縫道下的空間外，亦能高效率地將縫道內的污染物排除，並及時將高滯的通風系統排出。兩條隧道走廊內共設有3,882個活動隔板。

天花上的鐵線有甚麼作用？
天花上的線性熱能探測線能探測縫道內的溫度。當縫道溫度達到攝氏60度時，縫道的煙霧抽風系統會自動啟動。

安裝在天花的四方形機器是甚麼？
天花上的機器為電動燈罩風扇，是用以在隧道正常運作時提供新鮮空氣及作抽風之用，並在緊急情況時排走縫道內的煙霧。兩條隧道走廊內共設有1,887個電動燈罩風扇。

這些側門有甚麼作用？
這些側門為跨管通道，連接南行和北行隧道車道。當隧道內發生突發事故，車道內的市民能透過跨管通道穿越至另一車道，以保安全。兩條隧道走廊內共設有57條跨管通道。

隧道內有多少部超速檢測攝影機？
兩條隧道車道內共設有12部超速檢測攝影機，並設置速度限制指示牌以提醒駕駛人在該路段的速度限制。橙色的裝置為攝影鏡頭，而灰色的裝置為閃光燈。

工程網址：www.tm-clkl.hk