



CI-0403

TAB 4: STATION INFRASTRUCTURE
Tunnels

DESIGN REQUIREMENTS

FEATURE	DESCRIPTION
Height	<ul style="list-style-type: none">> Heights of tunnels shall be compatible with CCTV requirements.> The minimum tunnel height shall be 2.7 m inclusive of concrete floor topping.
Width	<ul style="list-style-type: none">> Tunnel width under the tracks to be 3.66 m, or as directed by GO to suit pedestrian traffic flow characteristics.
Slope	<ul style="list-style-type: none">> Tunnels shall have a minimum slope of 0.30% for drainage.
Corners	<ul style="list-style-type: none">> Tunnel corners shall be 45° angled and internal 90° corners shall have, at a minimum:<ul style="list-style-type: none">• Convex mirror units, and• Concrete sealed walls to have a smooth architectural finish. Should graffiti appear and cannot be cleaned, finish to be re-applied to the entire area (no patchwork).> Angled wall corners at directional changes (300 mm x 300 mm minimum corner cuts at 45 degrees) shall be provided for sight lines to reduce probability of passenger collisions.
Pedestrian Tunnels	<ul style="list-style-type: none">> Pedestrian tunnels shall be cast-in-place concrete.> The portion of tunnels under railway tracks to be pre-cast concrete units.
Conduits	<ul style="list-style-type: none">> Exposed conduits between luminaires to be painted gray to match concrete.