

Contextual Analysis

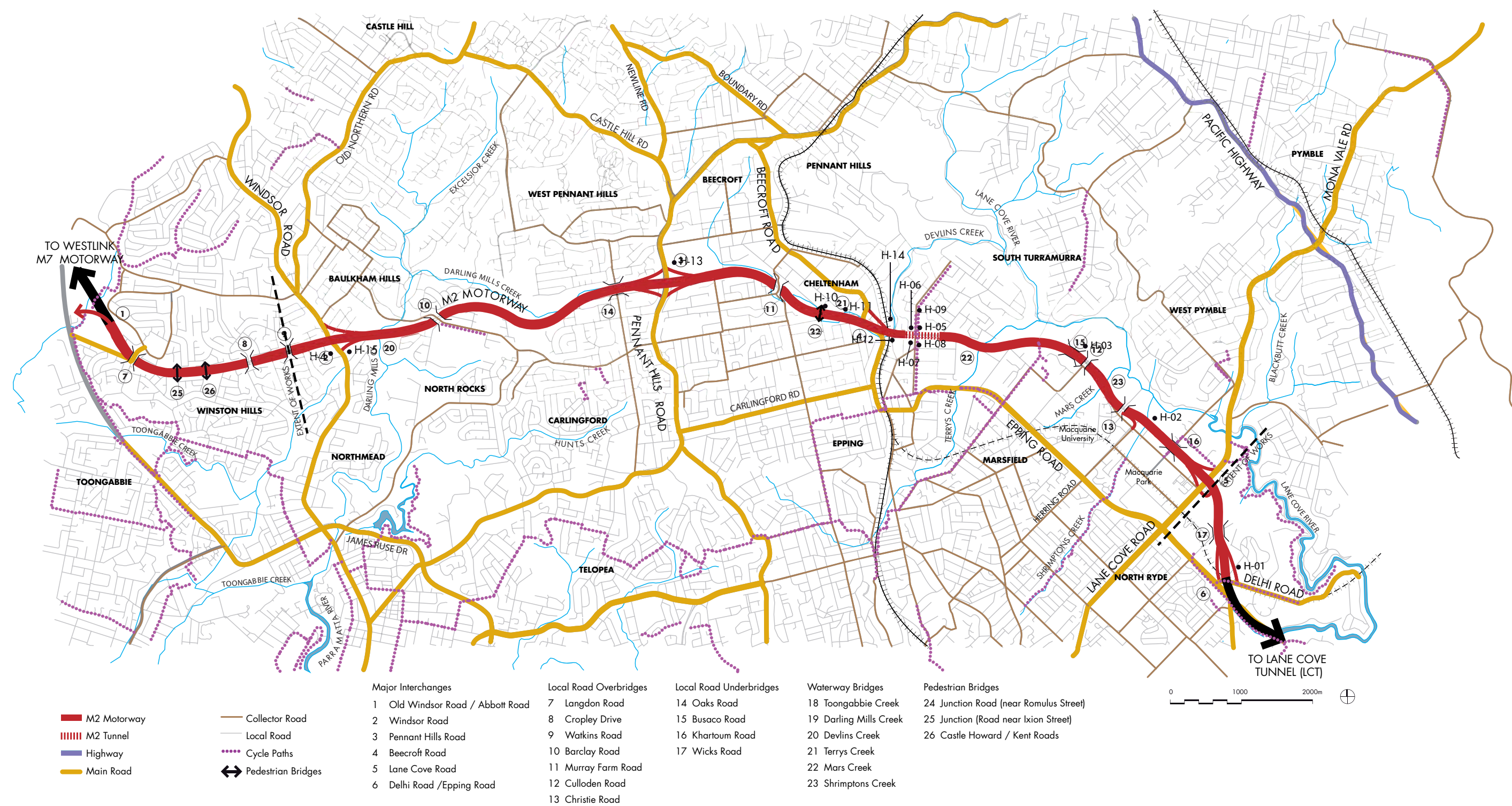


Figure 2.8 Vehicular, Pedestrian and Cyclist Network

2.7 Local Access

2.7.1 Vehicular Networks and Major Road Infrastructure Elements

Refer to Figure 2.8.

The M2 intersects with several arterial roads resulting in the six (6) major roads interchanges on the M2 Motorway:

- Old Windsor Road/Abbott Road
- Windsor Road
- Pennant Hills Road
- Beecroft Road
- Lane Cove Road
- Delhi Road
- Epping Road.

Whilst the regional road network was not affected by the construction of the M2 Motorway in 1997, the network of local roads were impacted. A series of north-south lateral connections in the form of overbridges, pedestrian bridges and pedestrian underpasses was constructed to provide safe access and good connectivity for the communities living adjacent to the motorway. There are seven (7) locations where local roads cross the M2 on overbridges:

- Langdon Drive
- Cropley Drive
- Watkins Road
- Barclay Road
- Kirkham Street
- Culloden Road
- Christie Road.

There is one tunnel where the motorway cuts through a major hill at Epping allowing local roads, Norfolk Road and Constance Close, to retain access along the original topography.

There are three (3) locations where the motorway crosses over the local roads on underbridges:

- Oaks Road
- Busaco Road (Refer Photo 2.22)
- Khartoum Road
- Wicks Road.

Within the study area, the motorway crosses seven (7) creeks/waterways along the route. The underbridges and viaducts upon which the motorway traverses the creeks create additional connections for the communities living adjacent to the corridor. They are often located within bush reserves or parks and effectively extend the open space network from north to south. The creeks crossed by the motorway include:

- Shipmans Creek
- Toongabbie Creek
- Darling Mills Creek
- Devlins Creek (in multiple locations)
- Terrys Creek
- Mars Creek
- Shrimptons Creek.

2.7.2 Pedestrian and Cyclist Networks

Refer to Figure 2.8.

There are three (3) locations where pedestrian bridges cross the motorway:

- Junction Road (near Romulus Street), Baulkham Hills
- Junction Road (near Ixion Street), Baulkham Hills
- Castle Howard and Kent Roads, Epping (Refer Photo 2.23)

There are no shared path facilities provided along the M2 Motorway, creating a missing link in the shared path network which extends from the Westlink M7 to Old Windsor Road to the west and from the Gore Hill Freeway to Epping Road to the east. Until 2007, commuter cyclists utilised both east-bound and west-bound shoulders. Temporary road widening utilised the shoulder area heading west bound, forcing cyclists to detour through local streets in North Ryde/Macquarie Park, Marsfield and Epping.

The community is at present generally not well linked to the corridor. Pedestrian, cyclist and public transport links to the North West Transitway, Beecroft Road, Windsor Road, Pennant Hills Road, Macquarie Business Park and the Macquarie University precinct are connections that could potentially be improved.

Existing path networks below the M2 Motorway alignment occur at places such as at Devlins Creek and Terrys Creek.



Photo 2.22 "Bebo" arch bridge over Busaco Road



Photo 2.23 Pedestrian bridge near Epping Heights Primary School

Contextual Analysis

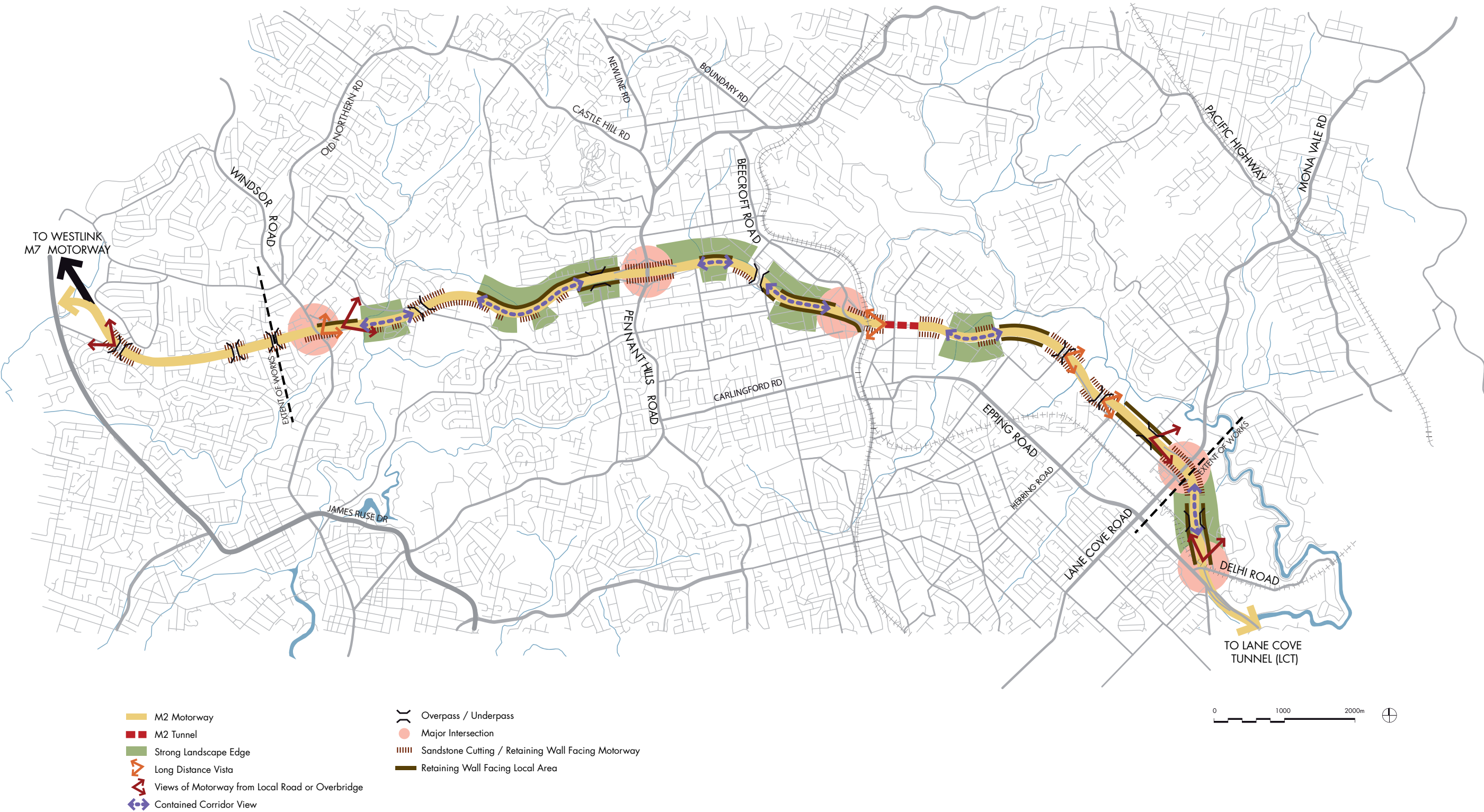


Figure 2.9 Motorway Elements and Views