



PROJECT FEATURES

1 Nesdale Avenue Interchange

Nesdale Avenue will be extended to pass under the new motorway and across a diversion of the Puhinui Stream. It will then join the existing SH20.

The Nesdale Interchange will be a major exit and entry point for traffic to and from the new motorway. Construction of the interchange will be in five stages to maintain the flow of traffic past the work site. Earthworks will begin in October 2006 and continue throughout the project until December 2010.

2 Crossing over Main Trunk Rail Line

Twin bridges will be built at this site to cross the North Island Main Trunk Rail Line. Each bridge will have four spans totalling 120 metres long. Earthworks will form a platform alongside the motorway for the future rail link to the Manukau city centre. Work on this site will get underway in mid 2008 and continue until mid 2009.

3 Lambie Drive Interchange

Traffic to and from the Manukau city centre will use this interchange as a major access point for the completed motorway in both directions. It will also be the main exit and entry point for Manukau Central Business District traffic to get to the Southern Motorway (SH1). A bridge will be built to allow Lambie Drive to pass over the new motorway. There will also be a rail underpass for the future rail link to Manukau city centre. During construction, there will be traffic shifts in Lambie Drive to allow the work to proceed. Work at this site will get underway in early 2008.

4 Barrowcliffe Place

Work at this site will allow direct bridge access from the undeveloped area south of Wiri Station Road across the motorway to the Manukau city centre. It will include a local road bridge and pedestrian access. Work at this site will start in late 2007.

The aerial photograph above shows the route for the SH20 Manukau Extension. It will have provision for a third lane each way in the future, giving six lanes in total. The project also includes earthworks for a future rail link to the Manukau city centre.

5 Great South Road

A bridge will be built at this location so the new SH20 Motorway can pass under Great South Road. The bridge will be constructed in two stages, starting in early 2007. Traffic will be shifted around the construction at various stages.

6 SH1 Interchange

The SH1 and SH20 motorways will join at this point. The interchange will feature a 240 metre long curved flyover with 10 spans. The existing exit ramp from SH1 to Great South Road will be realigned. Traffic travelling to Auckland from the south will have direct access to SH20, to the airport and the Western Ring Route. Traffic from SH20 will be able to join SH1 travelling both north and south. This interchange will be constructed in three stages, starting in early 2007 and continuing until late 2009.