

## 3. Options for Assessment

### 3.1 Section B

In Section B the following alignments (Figure 4.1) were assessed:

- ▶ Refined Orange option;
- ▶ Adjusted Orange option; and
- ▶ Modified refined Orange option.

#### 3.1.1 Refined Orange Option

Following the completion of the value management workshop and due to issues raised at the value management workshop, the Orange option through Sections A and B was investigated further. The aim of the further investigation was to refine the Orange option so as to minimise impacts on Cairncross State Forest, Rawdon Creek Nature Reserve, koala habitat, tea tree farming and key agricultural land. As a result, a refined Orange option was developed from Fernbank Creek to Wilson River. The refined Orange option in Section B is described below.

At Blackmans Point Road the refined Orange alignment follows the existing highway alignment for 2 km north of Blackmans Point Road where the alignment departs from the existing highway to the east, passing through the westerly section of a parcel of Cairncross State Forest.

From the northern end of the Cairncross State Forest the alignment then passes between the eastern end of Moorside Drive and the tea tree plantation and then in a northerly direction towards the eastern end of Dalhenty Island, crossing the Wilson River.

Although acquisition and severance of the Cairncross State Forest has been reduced over the orange option, there is an increase in the number of properties affected by the alignment in the vicinity of Moorside Drive, as well as increased noise receivers. The 'Skirmish' business located on Bill Hill Road is directly impacted by the refined alignment.

The refined orange option was presented at the project team route selection workshop for consideration along with the four previously short listed options.

#### 3.1.2 Adjusted Orange Option

The adjusted Orange option has been developed prior to the preferred route display in response to concerns raised by affected land owners during the route options display. It is essentially a minor westerly realignment of the Orange option and was aligned as closely as possible to existing property boundaries, thereby minimising severance impacts to properties (including agricultural properties) and avoiding two major optic fibre cables located to the east.

#### 3.1.3 Modified Refined Orange Option

The modified refined Orange option has been developed since completion of the preferred route display in response to noise and amenity concerns raised by residents in Moorside Drive. The modified alignment has been developed to consider and balance impacts to residential amenity, productive forest estate, ecology, public utilities and agricultural lands.

