

## 7. BOWHILL ROAD ROUNDABOUT (ROOKWOOD AVENUE/KEYES ROAD)

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The purpose of this report is to seek Board approval to carry out limited consultation on the proposal to carry out safety improvements to the Bowhill Road/Rookwood Avenue/Keyes Road roundabout (see attached map).

### BACKGROUND

The roundabout at the Bowhill Road/Rookwood Avenue/Keyes Road intersection was one of the first constructed in Christchurch and has a poor safety record. This poor safety record is a result of the lack of deflection when vehicles are travelling south on Bowhill Road.

To address the crash problems, it was proposed to increase the deflection by enlarging the four islands, including the centre island. This work would improve visibility and reduce the speed of vehicles travelling through the intersection.

The proposed work at the Bowhill Road/Rookwood Avenue/Keyes Road roundabout was originally to be constructed in 1999/2000 but did not proceed due to a budget shortfall.

### DISCUSSION

When a budget shortfall was encountered with this intersection work in 2000 it was put on hold until budget could be allocated. Before proceeding with any work, alternatives for the intersection were investigated.

Two options were looked at:

- Opposing right turning bays for Keyes Road and Rookwood Avenue.
- Enlarging the centre island and tightening the approaches by enlarging the splitter islands.

Both options would solve the crash problems occurring at the intersection but the roundabout option was preferred and came within the allocated budget.

Consultation was carried out on the original proposal and comments were in favour of work being carried out. The roundabout proposal has some minor changes from the original proposal but generally it is the same. The angles of deflection have been increased and the proposed work will increase visibility and reduce speed through the intersection.

### CONCLUSION

As the work proposed for the Bowhill Road/Rookwood Avenue/Keyes Road intersection is very similar to that proposed in 2000 and the response to earlier consultation was favourable, approval is sort to carry out consultation with the businesses at the intersection who will be immediately affected by the work, the Residents' Association, and that it be reported to the wider community via the local community newspapers.

#### Staff

**Recommendation:** That consultation on the proposed safety improvements to the Bowhill Road roundabout (Rookwood Avenue/Keyes Road) be carried out with the immediately affected businesses, the Residents' Association and be reported to the wider community via the local community newspapers.

#### Chairperson's

**Recommendation:** That the abovementioned recommendation be adopted.