

14. DUNBARTON, FARQUHARS, GRIMSEYS, REDWOOD SPRINGS - TRAFFIC CONTROLS

Officer responsible City Streets Manager	Author Lindsay Eagle, DDI 371-1294
Corporate Plan Output: Signals Signs and Shelters 9.5.94	

The purpose of this report is to seek the Boards approval for the installation of traffic controls at the intersection of Dunbarton, Farquhars, Grimseys and Riverwood Boulevard at the entrance to the new Redwood Springs subdivision.

The Council and the adjoining developer of the Redwood Springs Subdivision are proposing to construct a roundabout within the intersection of Dunbarton, Farquhars, Grimseys and Riverwood Boulevard (Grimseys Road extension) intersection (plan is attached).

There are about 200 sections in the new subdivision. Following residential development as many as two thousand vehicle trips per day may be generated. With this volume of traffic the roundabout is necessary and will be reasonably balanced in operation. Some modification of the corner kerbing will be required to provide sufficient roadway width at the roundabout. Splitter islands will be built on each approach. These allow the Give Way signs to be positioned out in the roadway. They will also provide new pedestrian crossing points.

Short lengths of No Stopping lines are required on the approaches and exits from the roundabout to maintain adequate width of traffic lanes and improve sight distances.

A publicity leaflet with this plan has been circulated to the residents in this area.

As Farquhars and Grimseys Roads are classified as Collector roads, the Boards recommendations will be referred to the City Services Committee for resolution.

- Recommendation:**
1. That a Give Way sign be placed against the approach of Dunbarton Street at its intersection with Farquhars Road, Grimseys Road and Riverwood Boulevard.
 2. That a Give Way sign be placed against the approach of Farquhars Road at its intersection with Dunbarton Street, Grimseys Road and Riverwood Boulevard.
 3. That a Give Way sign be placed against the approach of Grimseys Road at its intersection with Farquhars Road, Dunbarton Street, and Riverwood Boulevard.
 4. That a Give Way sign be placed against the approach of Riverwood Boulevard at its intersection with Dunbarton Street, Farquhars Road and Grimseys Road.
 5. That the stopping of vehicles be prohibited at any time in the following areas:
 - i. On the south side of Farquhars Road commencing at its intersection with Grimseys Road and extending in a westerly direction for a distance of 24 metres.
 - ii. On the north side of Farquhars Road commencing at its intersection with Riverwood Boulevard and extending in a westerly direction for a distance of 27 metres.
 - iii. On the south side of Dunbarton Street commencing at its intersection with Grimseys Road and extending in an easterly direction for a distance of 21 metres.
 - iv. On the north side of Dunbarton Street commencing at its intersection with Riverwood Boulevard and extending in an easterly direction for a distance of 19 metres.
 - v. On the west side of Grimseys Road commencing at its intersection with Farquhars Road and extending in a southerly direction for a distance of 22 metres.
 - vi. On the east side of Grimseys Road commencing at its intersection with Dunbarton Street and extending in a southerly direction for a distance of 22 metres.

- vii. On the west side of Riverwood Boulevard commencing at its intersection with Farquhars Road and extending in a northerly direction for a distance of 18 metres.
- viii. On the east side of Riverwood Boulevard commencing at its intersection with Dunbarton Street and extending in a northerly direction for a distance of 18 metres.

**Chairperson's
Recommendation:**

That the officer's recommendation be adopted.