

9. MAIDSTONE ROAD/WAIMAIRI ROAD INTERSECTION IMPROVEMENTS



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Corporate Plan Output: Capital Works Programme	

The purpose of this report is to consider the traffic management measures required to implement the traffic plan for the Maidstone Road/Waimairi Road intersection and section of Waimairi Road north to Tudor Avenue. This report was also considered by the Fendalton/Waimairi and Riccarton/Wigram Community Boards. The Fendalton/Waimairi Community Board supports the traffic management changes detailed in the report and resolved to erect give way signs at Tudor Avenue and St Cleo Street. The Riccarton/Wigram Community Board supports the recommendation.

BACKGROUND

The Council will be aware of the decision to install traffic signals at the intersection of Maidstone Road and Waimairi Road. The plan also includes the construction of a pedestrian island, the marking of cycle lanes and a flush (painted) median between the traffic signals and the intersection of Tudor Avenue. The Council has also agreed that procedures be commenced to designate land along the east side of Waimairi Road north and south of Maidstone Road to cater for the future four laning of the intersection.

In October 1999, the Council received a report from Traffic Design Group Ltd which was presented by a representative of the owners of the shops on the corner of Maidstone Road and Waimairi Road. As a result of discussions arising out of the independent traffic engineering audit/review that was prepared by Traffic Design Group Ltd the final design layout for the traffic signals and traffic management improvements along Waimairi Road to Tudor Avenue was decided upon by the Council.

DISCUSSION

Following the decision to proceed with this project, construction plans have been prepared and tenders called for the engineering work needed to convert the traffic control at the intersection from a roundabout to traffic signals. Formal Council resolutions will be required for this change along with kerbside parking changes including a ban on parking on the approaches to the Maidstone Road, St Cleo Street and Tudor Avenue intersections.

The positioning of the various bus stops in the area do not change and only minor alterations have been made to the recessed angle parking area outside the shops. Time limit parking restrictions are required in a parking bay on the west side of Waimairi Road north of St Cleo Street outside the shops and in Maidstone Road on the west approach to the intersection. The mobile library stop will be re-established on the east side of Waimairi Road south of Maidstone Road.

CONCLUSION

There has been a satisfactory outcome to the public consultation that took place to promote this project and improve traffic management in the area. Apart from more extensive areas of broken yellow “no stopping” lines on the approaches to the traffic signals few changes have been made to the kerbside parking arrangements that exist at the present time. All overhead reticulation through the area will be undergrounded and the new traffic controls and intersection management changes will provide for smoother traffic flow and increased safety for pedestrians and cyclists in particular.

A copy of the traffic management plan for this section of Waimairi Road is attached to this report.

- Recommendation:**
1. That the roundabout controlling traffic at the Maidstone Road/Waimairi Road intersection be removed.
 2. That traffic signals be installed at the intersection of Maidstone Road and Waimairi Road.
 3. That the stopping of vehicles be prohibited at any time in the following areas:
 - (a) On the east side of Waimairi Road commencing at its intersection with Tudor Avenue and extending in a northerly direction for a distance of 28 m.
 - (b) In Tudor Avenue commencing at its intersection with Waimairi Road and extending in an easterly direction for a distance of 15 m.
 - (c) On the south side of Tudor Avenue commencing at its intersection with Waimairi Road and extending in an easterly direction for a distance of 20 m.
 - (d) On the east side of Waimairi Road commencing at its intersection with Tudor Avenue and extending in a southerly direction for a distance of 25 m.
 - (e) On the east side of Waimairi Road commencing at its intersection with Maidstone Road and extending in a northerly direction for a distance of 114 m.

- (f) On the north side of Maidstone Road commencing at its intersection with Waimairi Road and extending in an easterly direction for a distance of 41 m.
- (g) On the south side of Maidstone Road commencing at its intersection with Waimairi Road and extending in an easterly direction for a distance of 60 m.
- (h) On the east side of Waimairi Road commencing at its intersection with Maidstone Road and extending in a southerly direction for a distance of 104 m.
- (i) On the west side of Waimairi Road commencing at a point 77.5 m from its intersection with Maidstone Road and extending in a southerly direction for a distance of 41 m.
- (j) On the west side of Waimairi Road commencing at its intersection with Maidstone Road and extending in a southerly direction for a distance of 61.5 m.
- (k) On the south side of Maidstone Road commencing at its intersection with Waimairi Road and extending in a westerly direction for a distance of 27 m.
- (l) On the north side of Maidstone Road commencing at a point 26 m from its intersection with Waimairi Road and extending in a westerly direction for a distance of 17.5 m.
- (m) On the north side of Maidstone Road commencing at its intersection with Waimairi Road and extending in a westerly direction for a distance of 16 m.
- (n) On the west side of Waimairi Road commencing at its intersection with Maidstone Road and extending in a northerly direction for a distance of 13 m.
- (o) On the west side of Waimairi Road commencing at its intersection with St Cleo Street and extending in a southerly direction for a distance of 18 m.

- (p) On the south side of St Cleo Street commencing at its intersection with Waimairi Road and extending in a westerly direction for a distance of 16 m.
 - (q) On the north side of St Cleo Street commencing at its intersection with Waimairi Road and extending in a westerly direction for a distance of 12 m.
 - (r) On the west side of Waimairi Road commencing at its intersection with St Cleo Street and extending in a northerly direction for a distance of 16 m.
 - (s) On the west side of Waimairi Road commencing at a point 29 m from its intersection with St Cleo Street and extending in a northerly direction for a distance of 41 m.
4. That the angle parking of vehicles be restricted to a maximum period of 30 minutes on the west side of Waimairi Road commencing at a point 22.5 m from its intersection with Maidstone Road and extending in a northerly direction for a distance of 77.5 m.
 5. That the parking of vehicles be restricted to a maximum period of 10 minutes on the north side of Maidstone Road commencing at a point 16 m from its intersection with Waimairi Road and extending in a westerly direction for a distance of 10 m.
 6. That the parking of vehicles be restricted to a maximum period of 120 minutes on the west side of Waimairi Road commencing at a point 16 m from its intersection with St Cleo Street and extending in a northerly direction for a distance of 13 m.
 7. That bus stops be established in the following areas:
 - (a) On the east side of Waimairi Road commencing at a point 114 m from its intersection with Maidstone Road and extending in a northerly direction for a distance of 16 m.

- (b) On the east side of Waimairi Road commencing at a point 104 m from its intersection with Maidstone Road and extending in a southerly direction for a distance of 21 m.
 - (c) On the west side of Waimairi Road commencing at a point 61.5 m from its intersection with Maidstone Road and extending in a southerly direction for a distance of 16 m.
 - (d) On the west side of Waimairi Road commencing at a point 18 m from its intersection with St Cleo Street and extending in a southerly direction for a distance of 16 m.
8. That a parking area be set aside for the mobile library on Mondays 10.15 am and 10.45 am between on the east side of Waimairi Road commencing at a point 125 m from its intersection with Maidstone Road and extending in a southerly direction for a distance of 16 m.
9. That an operation mobility car park be established in the angle parking area adjacent to the shops in Waimairi Road commencing at a point 13 m from its intersection with Maidstone Road and extending in a northerly direction for a distance of 9.5 m.
10. That previous kerbside parking restrictions in the aforementioned areas be revoked.
11. That a “give way” sign be erected in the left turn slip lane in Maidstone Road against traffic turning left to proceed north along Waimairi Road.