

**13. YALDHURST ROAD KERBS & CHANNELS:
FOVANT STREET TO RACECOURSE ROAD**

RR 10147

Officer responsible City Streets Manager	Author Brian Neill, Traffic Engineer
City Plan Output: New Assets	

The purpose of this report is to inform the Riccarton/Waimairi Community Board of the proposal to provide kerbs and channels along the north-east side of Yaldhurst Road between Fovant Street and Racecourse Road.

KERB AND CHANNELS

The Council has a commitment to provide kerbs and channels alongside roadways fronting built-up areas in the city. Along the north-east side of Yaldhurst Road, between Fovant Street and a point opposite Racecourse Road, surface drainage has been carried along a deep water table up to 8 metres out from residential and commercial property frontages. The proposed kerbs and channels along this section of the road will be built 3 metres from the property frontages with localised kerb extensions around many of the mature trees that are growing on the road side of some properties.

PAVEMENT

At a number of locations along the roadway the pavement has failed. It is proposed to remedy this situation by placing a granular overlay over the existing pavement and matching this with a widened and reconstructed road shoulder along the north-east side where the kerbs and channels are to be provided. Generally, the south-western side of the roadway will be retained along the present alignment.

TRAFFIC MANAGEMENT

It is proposed to widen the north-east side of the roadway so as to position the new kerb in line with the existing kerbs on the north-east side through the four lane section of the roadway to the Curletts Road/Peer Street intersection which is controlled by traffic signals. A three lane roadway, separated by a flush (painted) median is proposed – two lanes for traffic moving towards Upper Riccarton and single lane for traffic moving towards Yaldhurst.

Traffic Volumes along Yaldhurst Road vary:

- East of Russley Road (State Highways 1 & 73) – 11,500 vehicles per day
- East of Withells Road – 18,000 vehicles per day
- East of Brodie Street (existing 4 lane road) – 23,000 vehicles per day

More vehicles travel south-east along the road than north-west. The additional traffic lane for east bound traffic will cater for increasing volumes; the roadway can also be widened along the south-west side in the future.

FEATURES OF THE NEW ROAD LAYOUT:

- The widening of the roadway will enable cycle lanes to be introduced along both sides of Yaldhurst Road and will extend to the traffic signals at Curletts Road/Peer Street.
- Kerbside parking will be provided along the north-east side of the road except in areas adjacent to intersections and where the kerb has been extended to provide protection for existing trees and/or pedestrian facilities.
- A pedestrian refuge island is to be built adjacent to a bus stop west of Withells Road.
- Median islands are to be built on the approaches to Cutts Road and Withells Road; the existing medians are to be retained either side of Racecourse Road.
- New traffic islands will be built in Fovant Street and in Cutts Road at Yaldhurst Road. The existing island at Withells Road will be shortened.
- New street lights will be provided and power and telephone services may be undergrounded as part of this project.

A plan detailing the proposals is attached to this report. A leaflet describing the proposed works will be circulated shortly.

This report will also be considered by the City Services Committee and Fendalton/Waimairi Community Board.

Recommendation: That the information be received.

Chairperson's

Recommendation: That the information be received.