



Christchurch City Council

RICCARTON/WIGRAM COMMUNITY BOARD AGENDA

EXTRAORDINARY MEETING

WEDNESDAY 8 NOVEMBER 2006

AT 8.00AM

HELD AT BOARDROOM, SOCKBURN SERVICE CENTRE,
149 MAIN SOUTH ROAD, CHRISTCHURCH

Community Board: Peter Laloli (Chairperson), Neville Bennett, Helen Broughton, Lesley Keast, Mike Mora, Bob Shearing and Tony Sutcliffe.

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1. APOLOGIES

Bob Shearing.

2. CORRESPONDENCE

2.1 LEONIE WARD, MATAI STREET WEST & NIKAU PLACE KERB AND CHANNEL RENEWAL

Correspondence (**separately circulated to members**) has been received from Leonie Ward reiterating her concerns raised at the Transport & Rooding Committee meeting of 27 October 2006 on the proposed Matai Street West Kerb and Channel Renewal.

**3. RICCARTON/WIGRAM TRANSPORT AND ROADING COMMITTEE
REPORT OF 27 OCTOBER 2006 MEETING IN RELATION TO THE MATAI STREET WEST &
NIKAU PLACE KERB AND CHANNEL RENEWAL**

General Manager responsible:	General Manager, Regulation and Democracy Services, DDI: 941 8549
Officer responsible:	Lisa Goodman, Community Board Principal Adviser
Author:	Emma Davison, Community Secretary

PURPOSE OF REPORT

The purpose of this report is to submit the outcomes of the Transport and Rooding Committee meeting held on Friday 27 October 2006 in relation to the discussions on the Matai Street West & Nikau Place Kerb and Channel Renewal.

The meeting was attended by Mike Mora (Chairperson), Neville Bennett, Helen Broughton, Lesley Keast, Peter Laloli, Bob Shearing and Tony Sutcliffe.

1. DEPUTATIONS BY APPOINTMENT

1.1 LEONIE WARD, MATAI STREET WEST & NIKAU PLACE KERB AND CHANNEL RENEWAL

Leonie Ward, a resident of Matai Street West, addressed the Committee regarding the proposed final design for the kerb and channel renewal in Matai Street West & Nikau Place.

Leonie asserted her concerns regarding Option 1, which includes an off road cycleway and the proposed four-way stop configuration at the intersection of Matai Street West and Harakeke Street.

The Committee's decision on this matter is recorded under clause 2 of this report.

1.2 MR F ANGUS, MATAI STREET WEST & NIKAU PLACE KERB AND CHANNEL RENEWAL

Mr Bill Angus, a resident of Matai Street West, addressed the Committee regarding the proposed final design for the kerb and channel renewal in Matai Street West & Nikau Place.

Mr Angus asserted that he favours maintenance of the status quo, and that he did not believe the Council should install an off road or a shared road cycleway on Matai Street West.

The Committee's decision on this matter is recorded under clause 2 of this report.

1.3 GRAHAM ROBB, MATAI STREET WEST & NIKAU PLACE KERB AND CHANNEL RENEWAL

Mr Graham Robb, a resident of Matai Street West, addressed the Committee regarding the proposed final design for the kerb and channel renewal in Matai Street West & Nikau Place.

3 Cont'd

Mr Robb asserted his concerns regarding Option 1 and questioned why preference appears to have been given to cyclists over all other users.

The Committee's decision on this matter is recorded under clause 2 of this report.

2. **MATAI STREET WEST & NIKAU PLACE KERB AND CHANNEL RENEWAL**

The Committee decided to request further information from staff so that a decision on this matter could be taken at an extraordinary Board meeting at 8.00am on Wednesday 8 November 2006, on the following matters:

- Cycleway – were other options considered?
- Was a cycle and pedestrian count done?
- Intersection options – were speed humps considered?
- General safety issues raised by the deputations.
- Resource Consent issues raised by the deputations.

4. **MATAI STREET WEST & NIKAU PLACE KERB AND CHANNEL RENEWAL**

General Manager responsible:	General Manager City Environment, DDI 941-8656
Officer responsible:	Transport and Greenspace Manager
Author:	Michelle Flanagan, Street Capital Programme

PURPOSE OF REPORT

1. The purpose of this report is to seek the Board's approval to proceed to final design, tender and construction for the kerb and channel renewal in Matai Street West and Nikau Place, as shown in the concept plan in **Attachment 1**.

EXECUTIVE SUMMARY

2. The Harakeke Cluster comprises Rochdale Street, Daresbury Lane, Harakeke Street (from Daresbury Lane to Riccarton Road), Matai Street West and Nikau Place. The kerb and channel renewals in these streets were grouped to form a cluster for planning and design purposes.
3. Since the formation of the cluster, the Transport and Greenspace Capital Programme has been reviewed to maximise Land Transport New Zealand subsidy levels. As a result, only Matai Street West and Nikau Place are currently recommended on the Capital Programme for construction in the 2007/08 year. Rochdale Street, Daresbury Lane and Harakeke Street are not yet scheduled on the Capital Programme and there is no certainty as to when these renewals will occur. Therefore approval is only being sought to proceed to final design, tender and construction for Matai Street West and Nikau Place.
4. Initial consultation was undertaken with the residents of Matai Street West and Nikau Place in September 2004. A joint seminar was held with the Riccarton/Wigram and Fendalton/Waimairi Community Boards in October 2005, to discuss the concept plan for Matai Street West and the initial consultation proposed for Rochdale Street and Daresbury Lane. At this seminar the

Boards requested that the project team look at the streets as a cluster, as proposals for one street could potentially affect traffic movements on another street.

5. The primary aim of the project is to renew the kerb and dish channel and replace it with kerb and flat channel. Matai Street West and Nikau Place also have specific objectives relating to safety, traffic movement and street enhancement. The community was consulted on concept plans for the Harakeke Cluster (including Matai Street West and Nikau Place) in May 2006. Approximately 800 consultation newsletters were distributed to owners and occupiers and an open evening and street meetings were held. Two options for Matai Street West were distributed for consultation.

4 Cont'd

6. For Matai Street West, Option 1 comprised an off-road cycleway on the northern side of the street. Option 2 comprised a standard kerb and channel renewal (no off-road cycleway). The feedback from the community indicated a marginal preference for Option 1, the off-road cycleway. General issues raised related to the narrowing of the street, the intersection treatment at Kilmarnock Street, the four-way stop control at the intersection with Harakeke Street, the provision of grass berms, and the proposed cycleway. The community feedback has been considered by the project team, and alterations to the concept plan made where practicable.
7. Approval is now sought from the Board to progress the preferred option for Matai Street West to final design, tender and construction, as it appears in the 2007/08 Capital Programme. The concept plans for Rochdale Street, Daresbury Lane and Harakeke Street will be placed on hold until these streets are scheduled in the Capital Programme. It is likely further consultation on these streets will occur in the future.

FINANCIAL AND LEGAL CONSIDERATIONS

8. The kerb and channel works for Matai Street West and Nikau Place is recommended in the Transport and Greenspace Unit's capital programme, for implementation in the 2007/08 financial year. The estimated cost of this project is \$1,877,356. This exceeds the budget for this project. The over budget amount will be managed through the 2007/08 kerb and channel renewal budget.
9. There are no legal implications for this project. A meeting was held with the Council's Environmental Services Unit (ESU) on the 27 July 2005 to discuss the proposed road width of 8 metres. The ESU interpretation of the City Plan rules was that the width of Matai Street West would be measured between the outermost kerb lines giving a total width of 13.5 metres (from the edge of the cycleway to the edge of the kerb). At this width Matai Street West is wider than the minimum 9 metres, below which resource consent would be required. Therefore no resource consent is required for the proposed kerb and channel renewal.
10. Board resolutions are required to approve the new traffic restrictions.

BACKGROUND OF MATAI STREET WEST & NIKAU PLACE KERB AND CHANNEL

11. Matai Street West is part of the Harakeke Cluster kerb and channel renewal project. This cluster includes Rochdale Street, Daresbury Lane, Harakeke Street (from Daresbury Lane to Riccarton Road), Matai Street West, and Nikau Place.
12. In October 2005 a joint seminar was held with the Riccarton/Wigram and Fendalton/Waimairi Community Boards to discuss the concept plan for Matai Street West, and proposed initial consultation for Rochdale Street and Daresbury Lane. At this seminar the Board's asked whether the project team could consider Rochdale Street, Daresbury Lane, Harakeke Street, Matai Street West and Nikau Place as a cluster for street renewal as works on one street could potentially affect traffic movement on another street. At that time, Rochdale Street and Daresbury Lane were scheduled in the Capital Programme for the 2006/07 year, Matai Street West and Nikau Place for the 2005/06 year, and Harakeke Street for the 2008/09 year. These streets were then clustered for planning and design purposes to form the Harakeke Cluster.
13. The kerb and channel renewal works within the Transport and Greenspace Capital Programme are currently being reviewed to maximise Land Transport New Zealand subsidy levels. This means that there are changes to the scheduling of streets in the Harakeke Cluster. Currently Matai Street West and Nikau Place are the only streets recommended on the Capital Programme for construction in the 2007/08 year. Rochdale Street, Daresbury Lane and Harakeke Street do not yet appear on the Capital Programme, and there is no certainty as to the timing of the kerb and channel renewal in these streets. This report therefore only seeks approval to proceed with Matai Street West and Nikau Place.
14. The primary aim of the Matai Street West and Nikau Place project is to renew the old kerb and dish channel and replace this with kerb and flat channel.

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15. The secondary objectives of the project include:
 - Enhance the safety of the Kilmarnock Street/Matai Street West intersection for all users
 - Enhance the safety and convenience of Matai Street for alternative transportation modes, especially cyclists and pedestrians, with consideration to future cycleway projects in the area
 - Reduce the problem of drivers short-cutting from Straven Road to Kilmarnock Street through this residential area
 - Enhance the streetscape
 - Ensure suitable parking to meet the needs of the community is maintained
 - Ensure an adequate level of street lighting is maintained.

16. Matai Street West is classified as a local road in the Christchurch City Plan, and runs between Straven Road and Kilmarnock Street, both of which are minor arterial roads. Nikau Place is a no exit, local road that runs off Matai Street West. Matai Street West and Nikau Place are currently 14 metres wide, and largely residential in nature, although there is a motel complex located on Matai Street West. Matai Street West carries approximately 950 vehicles per day.

17. Initial consultation was undertaken with the community in September 2004. A survey was distributed to residents and asked what they would like and would not like to see in their reconstructed street. Approximately 40 responses were received, with the following general issues raised:
 - Narrow the road/don't narrow the road
 - Discourage through traffic, heavy traffic and speeding traffic
 - Don't install any judder bars, speed humps or calming devices
 - Underground overhead services
 - Install cycle lanes/don't install cycle lanes
 - Provide angle parking/don't provide angle parking
 - Grass berms and landscaping/no grass berms and landscaping
 - Improve drainage.

18. In May 2006, concept plans for the Harakeke Cluster were distributed to the community for consultation. Approximately 700 newsletters were distributed to owners and occupiers in the area, and an open evening and street meetings were held. At the open evening and street meeting, 115 written responses were received as well as other verbal feedback. A summary of the feedback received for the Harakeke Cluster (including Matai Street West and Nikau Place is included in **Attachment 2**), and summarised below.

19. Thirty eight specific responses were received for the Matai Street West concept plan (i.e. feedback forms that indicated they related to Matai Street West). Of these 42% indicated support for Option 1 (off-road cycleway), 39% indicated support for Option 2 (no off-road cycleway), 13% did not support either concept plan, and 6% did not state which concept plan they supported. The main issues raised include:
 - Don't narrow the street
 - Have a two-lane narrowing at Kereru Lane
 - Retain the raised earth mound adjacent to the railway line
 - Don't ban the right turn into Matai Street West from Kilmarnock Street
 - Don't install the four-way stop at the Matai Street West/Harakeke Street intersection
 - Underground services
 - Support the cycleway/oppose the cycleway
 - Support angle parking/oppose angle parking
 - Cars reversing from driveways onto the cycle lane is a concern
 - Don't install the landscaping strips – make the footpath wider
 - Works need to be done as a priority
 - Cycleway will be unattractive
 - Grass berms and street trees are not needed/support the landscaping.

4 Cont'd

20. The main issues raised by Nikau Place residents include:
- Don't narrow the street
 - Don't install the grass berms
 - On street parking needed for Nikau Place residents
 - Grass berms should be landscape planting instead
 - Underground services.
21. A seminar was held with the Riccarton/Wigram Transport & Roding Committee on the 25 August 2006 to update them on the outcomes of the consultation, and with the Fendalton/Waimairi Environment and Transport Committee on the 28 August 2006.

OPTIONS

22. Four options were considered for the kerb and channel renewal of Matai Street West:
- (a) Maintenance of the status quo (i.e. the kerb and channel is not replaced)
 - (b) Option 1 – Off road cycleway
 - (c) Option 2 – Shared road (no off road cycleway)
 - (d) Option 3 – Partial closure of Matai Street West.

Common Features Across all Options

23. Options 1, 2 and 3 share a number of common features as discussed below:
- At the intersection of Matai Street West and Kilmarnock Street in Options 1 and 2, the intersection would become 'left-in', 'left-out' only. The purpose of restricting access at this intersection was to take into account the future extension of the railway cycle way through to Riccarton Road, and the installation of traffic signals at this intersection. To assist people accessing Matai Street West and Harakeke Street it was proposed to install a painted flush median on Kilmarnock Street at the intersection with Harakeke Street. This flush median would allow vehicles turning right into Harakeke Street to exit the traffic flow and not hold up traffic travelling along Kilmarnock Street. The installation of this flush median also required the banning of parking on the southern side of Kilmarnock Street outside 43 and 47 Kilmarnock Street.
 - Two options were considered for the bend in Matai Street West at Kereru Lane, a one-lane narrowed section (with a courtesy give way); or a two-lane narrowed section. Parking would also be banned on this bend.
 - Angle parking adjacent to the railway line on Matai Street West (26 spaces). A grass berm area with street trees would separate the parking area from the rail line.
 - Narrowing the carriageway in Nikau Place from 14m to 8m, with a 20m diameter cul-de-sac head. Grass berms and street trees on both sides of the street.
 - A raised mid-block platform was proposed outside 68 Matai Street West.
 - Grass berms and street trees were proposed on both sides of Matai Street West. Landscaping strips adjacent to the property boundaries along the northern side of the street.

4 Cont'd

Option 1 – Off road cycleway

24. This option comprised an 8.0m wide carriageway and a segregated, off road cycleway on the northern side of the street. This cycleway would be approximately 2.9 metres wide and separated from the footpath by a kerb line and from the road by a grass berm. Parking would be available on both sides of the street. At the intersection of Matai Street West and Harakeke Street a four-way stop configuration was proposed with a raised platform.

Option 2- Shared road (no off road cycleway)

25. This option comprised a 9 metres wide carriageway with no off road cycleway. Parking would be available on both sides of the street. At the intersection of Matai Street West and Harakeke Street a raised platform was proposed with a stop control against Harakeke Street as per the existing arrangement.

Option 3 – Partial closure of Matai Street West

26. This option comprises the partial closure of Matai Street west at the Kilmarnock Street intersection. The southern end of Matai Street West would become a one-way street in a northbound direction, allowing left turn access only into Matai Street West. This intersection configuration would account for the future extension of the railway cycleway and installation of traffic signals. A median island was proposed on Kilmarnock Street to prevent right turn entry into Matai Street West.

Consultation Feedback on Options

27. Options 1 and 2 were taken to the community for consultation. Option 3 was not taken for consultation with the community as it was amended to form the common option for Options 1 and 2.
28. The main issues identified from the consultation were as follows. The project team response to the issues is also summarised.

Don't Narrow the Streets

29. Some respondents felt that roads are there to drive down and provide access for everyone and that narrowing the streets made travel unsafe and congested.
30. Nine metres is the current standard width for local roads in Christchurch City. Local roads are intended to serve a local access function, and are not intended as through routes. A 9 metre width allows parking on both sides of the street whilst still providing some traffic calming benefits. A 9 metre width is therefore appropriate for Nikau Place as a local road. An 8 metre width is proposed on Matai Street West as the additional space is used to accommodate cyclists on the off road cycleway. An 8 metre width will still allow parking on both sides of the street, although where vehicles are parked directly opposite each other, the road width will be reduced to a single lane in sections.

Don't ban the right turn into Matai Street West

31. There was relatively strong opposition to making the Matai Street West/Kilmarnock Street intersection 'left-in' and 'left-out' only. Residents objected to the extra distance they would need to travel to reach their properties, and felt that accessing Harakeke Street in evening peak hour traffic would be difficult due to traffic backing up from the Kilmarnock Street/Straven Road traffic lights. As there is no timeframe for the extension of the railway cycleway and installation of traffic signals it is proposed to remove the intersection changes from the project and include these in a future project which would look at the extension of the railway cycleway, the installation of traffic signals, and the intersection of Kilmarnock Street and Mona Value Avenue.

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Don't install the four-way stop at the Matai Street West/Harakeke Street intersection

32. There was some opposition to the four-way stop control at this intersection from residents of Matai Street West and residents in the rest of the Harakeke Cluster (five responses in total). Some residents felt this arrangement would cause confusion for drivers, and was not needed. However, residents also advised that speeding traffic was a problem on Matai Street West and Harakeke Street, and the four-way stop will assist in slowing traffic. The four-way stop also gives right of way to cyclists on the off-road cycleway. The raised platform at the intersection will assist in controlling the speed of motorists, particularly those turning across the cycleway. The off-road cycleway will also be coloured through the Harakeke Street intersection to further highlight its presence to drivers.

Put the footpath next to the road

33. It is current practice to locate the footpath between the property boundary and the grass berm. The footpath is located here to provide a buffer for pedestrians (the grass berm) and to avoid the 'up and down' of vehicle crossings.

Don't want to maintain large grass berms, or put in landscaping rather than grass berms

34. It is Council policy to install grass berms with the intention of enhancing the streetscape. It is hoped that residents will maintain the berm areas; however Council will mow berm areas if the grass grows over 150mm in height. Landscaped areas between the footpath and the road (for example at the intersection areas) are inspected as part of a regular 6-week maintenance cycle. Landscaped areas between the footpath and property boundaries (e.g. the landscaped strips) are subject to an annual maintenance programme, although it is hoped residents will assist with maintenance. Landscaping is also approximately three times more expensive than grass berm.

Don't put the landscaping strips next to the property boundaries

35. The landscaping strips proposed along the northern side of Matai Street West will not be installed as part of the kerb and channel renewal. In this location the footpath will be widened to three metres instead. Along the western side of Matai Street West (parallel to the rail way line) these strips are to be retained. Where residents already have planting along this edge we will work with the residents in respect to the landscaping.

Need to maximise available parking

36. Twenty six angle parking spaces are proposed on Matai Street West adjacent to the railway line. This parking assists in catering for the Christchurch Girls High School demand in the area. On street parking will still be available in Matai Street West on both sides of the street, except at the intersection with Harakeke Street and Straven Road, and at the two-lane narrowing at Kereru Lane. Three respondents supported the provision of angle parking, and two respondents (one from Matai Street West) opposed the angle parking as they felt reversing vehicles would be unsafe, and that the angle parking would encourage more students to drive to school. Given that traffic speeds in the vicinity of the angle parks should be reduced through the narrowing of the Matai Street West/Kilmarnock Street intersection, and the two-lane narrowing at Kereru Lane, the safety of vehicles using the angle parking should not be an issue. With respect to encouraging more students to drive to school the angle parking provides for the existing parking demand in a safer and more formalised manner. Currently students are parking on the grass berm area adjacent to the railway line, and as residents have advised, over driveways. These students need to park in a location near the school, and not accounting for this parking potentially drives them further afield into other streets.

Underground the overhead services

37. There is no available budget for undergrounding the services. This was made clear to residents in the consultation newsletter and update.

4 Cont'd

Matai Street West works must be done as a priority

38. Currently Matai Street West, and Nikau Place are the only street in the Harakeke Cluster that are recommended on the Capital Programme for 2007/08. Rochdale Street, Daresbury Lane and Harakeke Street are not listed on the programme. Matai Street West was originally scheduled for 2005/06, and was delayed to 2006/07 to form the Harakeke Cluster (to align with Rochdale and Daresbury and with Harakeke which was bought forward from 2009/10). Should Matai Street West be approved for final design, tender and construction, there is the potential for construction to take place early in the 2007 year, thereby resulting in an overall delay of 6-8 months.

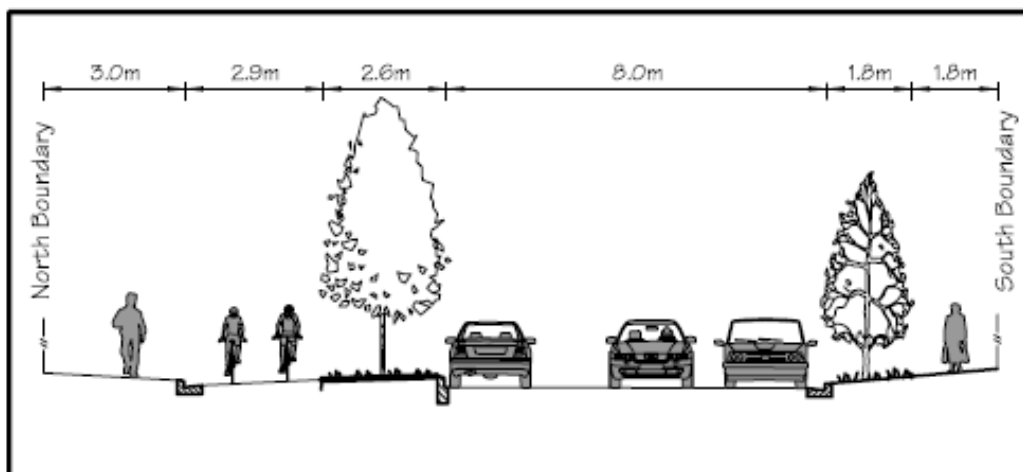
Do not install the off-road cycleway

39. Respondents gave a number of reasons for not wanting the off road cycleway including:
- Cycle lane is a feasible idea but our concerns are a safety issue as the track is too close to residential driveways.
 - A cycleway would be more chaotic.
 - Entry and exit at Kereru Lane to the cycleway concerns us.
 - Traffic rules do not apply off-road so feel more vulnerable on this type of off-road cycleway.
 - Vehicles have poor visibility coming out of driveways – cyclists travelling at greater speeds than pedestrians so little time to avert contact.
 - The width of the hard surface to incorporate the cycleway and footpath would be ugly.
 - Students move in packs which the cycleway won't accommodate.
 - Prefer the cycleway to be incorporated into the road.
 - Is a cycleway warranted?
40. There were also positive comments for the cycleway:
- Prefer the dedicated cycleway option given the large number of students who use that street for cycle access.
 - We support these initiatives. Some of the residents of Matai St are against provisions for pedestrians, cyclists and narrowing the street – quite irrational in our view given the number of adolescents that use the street and cycling should be encouraged.
 - Favour Option 1 (cycleway) but are concerned there are a vocal minority of residents who are trying to lobby residents over the cycleway and narrowing when the majority want this improvement.
 - Like the idea of the special cycleway as it will be great for the high school kids.
 - I like the off road cycleway which keeps cars and cyclists separate.
 - Cycleway off road in Matai Street is an excellent idea – should be done elsewhere.
41. The project team is progressing the off road cycleway option for Matai Street West for the following reasons:
- Of the 38 specific responses for Matai Street West, 42% supported the off-road cycleway, and 39% supported an alternative (no off-road cycleway) concept plan.
 - The off-road cycleway is consistent with the objectives of the Cycling Strategy (July 2004); to increase the enjoyment of cycling in Christchurch, and improve safety for cyclists in Christchurch.
 - Matai Street West is listed as a cycle compatible street on the North-West Cycle Map (2006) and provides a link to the railway cycleway and the off-road cycleway at Ngahere Street.
 - Matai Street West is a cycle link to both Christchurch Boys and Christchurch Girls High School.
 - It satisfies the project objectives.

4 Cont'd

PREFERRED OPTION

42. Option 1 (Off-road cycleway) is the preferred option for Matai Street West and Nikau Place and includes the following features (refer cross section below):
- An 8 metre wide carriageway.
 - A 2.9 metre wide off road cycleway on the northern side of Matai Street West, allowing cycle travel in both directions. This cycleway will be separated from the footpath by a kerb and the road by a grass berm.
 - The intersection of Matai Street West and Kilmarnock Street (including back to 23 Matai Street West) will be narrowed to 7 metres. Full access into and out of Matai Street West will be available at this intersection.
 - Twenty six angle parking spaces adjacent to the railway line. The earth mound will be retained along the rail line.
 - A two-lane narrowing on the corner of Matai Street West at Kereru Lane.
 - A four-way stop control, and raised, cobbled platform at the Matai Street West/Harakeke Street intersection.
 - Nikau Place will be narrowed to 9 metres with a 20 metre diameter cul-de-sac head.
 - A 3.0 metre wide footpath on the northern side of Matai Street West, and a 1.8 metre wide footpath on the southern side of the street. A 1.65 metre wide footpath on Nikau Place.
 - Grass berms and street trees on both sides of the street.



Cross Section – Matai Street West (not to scale)

ASSESSMENT OF OPTIONS**Maintain the Status Quo**

43. Maintenance of the status quo (i.e. the kerb and channel is not replaced) does not satisfy any of the project objectives, and is inconsistent with the Transport and Greenspace Capital Programme.

The Preferred Option

44. Option 1 (off-road cycleway) satisfies the project objectives as follows:

Improve the safety of the Matai Street West/ Kilmarnock Street intersection

45. Although this intersection is not being altered to 'left-in' and 'left-out', the proposed narrowing of the intersection to 7 metres, and the other traffic calming measures on Matai Street West (i.e. the four-way stop control, and two-lane narrowing at Kereru Lane) will assist in improving safety at this intersection by lowering traffic speeds, and reducing through traffic.

4 Cont'd

Enhance the safety and convenience of Matai Street for alternative transportation modes, especially cyclists and pedestrians, with consideration to future cycleway projects in the area.

46. The provision of the off-road cycleway and the wide footpath on the northern side of Matai Street West enhances safety and convenience for both cyclists and pedestrians. The off-road cycleway also links to the railway cycleway and the cycle signals at Straven Road. The

configuration of the Matai Street West/Kilmarnock intersection will also accommodate the potential future extension of the railway cycleway and the associated installation of traffic signals.

47. Safety at the Harakeke Street/Matai Street West intersection is improved through the narrowing the intersection approaches to 7 metres, the installation of the platform, and the four-way stop control. To improve the safety of this intersection for cyclists, where the cycleway crosses Harakeke Street the platform is raised further, and the surface of the cycleway painted red to highlight the presence of cyclists.

Reduce the problem of drivers short-cutting from Straven Road to Kilmarnock Street through this residential area.

48. The proposed works will only have a marginal effect in reducing short-cutting drivers as the intersection treatment at the Matai Street West/Kilmarnock Street intersection is not be installed as part of this project. This was the single strongest element that would have deterred through traffic using Matai Street West to avoid the traffic signals at the Straven Road/Kilmarnock Street intersection. Similarly traffic calming measures on Rochdale Street and Harakeke Street (e.g. intersection and road narrowing) would also have contributed to reducing through traffic on Matai Street West. However as these projects are now delayed these may be future benefits.

Enhance the streetscape

49. The narrowing of Matai Street West and Nikau Place allows grass berm areas, and avenue planting of trees along the northern and southern sides of the street. Adjacent to the railway line, the earth mound will be retained and planted with trees also. Landscaping strips adjacent to property boundaries are proposed along the western side of Matai Street West (the section parallel to the railway line).

Ensure suitable parking to meet the needs of the community is maintained

50. On-street parking will be available on both sides of Matai Street West and Nikau Place; however, the road may be reduced to one lane sections where vehicles are parked directly opposite each other. There will be a reduction in parking at the intersection with Harakeke Street, at the two-lane narrowing at Kereru Lane and at the intersection with Kilmarnock Street, however 26 angle parks are provided adjacent to the railway line. This angle parking accommodates the use of this section of Matai Street West by Christchurch Girls High School Students.

Ensure an adequate level of street lighting is maintained.

51. The street lighting will be upgraded to meet current national standards.

Option 2 (No on-road cycleway)

52. Option 2 meets the project objectives as for Option 1 above except that there is no provision for cyclists on an off-road cycleway. However, safety is enhanced for cyclists through the narrowing of the street (assisting in reducing traffic speeds and volume), and the traffic calming measures (e.g. intersection and road narrowing).

Option 3 (Partial closure of Matai Street West)

53. Option 3 meets the project objectives as for Option 1 above, however the right turn ban in and out of Matai Street West would have further reduced through traffic.

4 Cont'd

STAFF RECOMMENDATIONS

That the Board approves:

- (a) The Matai Street West and Nikau Place kerb and channel project, as illustrated in **Attachment 1**, to proceed to final design, tender and construction.
- (b) The following traffic restrictions:

New No Stopping

Kilmarnock Street

- (i) That the stopping of vehicles be prohibited at any time on the north side of Kilmarnock Street commencing at its intersection with the west side of Matai Street West and extending 30 metres in a westerly direction.
- (ii) That the stopping of vehicles be prohibited at any time on the north side of Kilmarnock Street commencing at its intersection with the east side of Matai Street West and extending 25 metres in an easterly direction.

Matai Street West (north-south running section)

- (iii) That the stopping of vehicles be prohibited at any time on the west side of Matai Street West commencing at its intersection with the north side of Kilmarnock Street and extending 37 metres in a northerly direction.
- (iv) That the stopping of vehicles be prohibited at any time on the east side of Matai Street West commencing at its intersection with the north side of Kilmarnock Street and extending 55 metres in a northerly direction.
- (v) That the stopping of vehicles be prohibited at any time on the west side of Matai Street West commencing at its intersection with the south side of Matai Street West and extending 21 metres in a southerly direction.
- (vi) That the stopping of vehicles be prohibited at any time on the east side of Matai Street West commencing at its intersection with the north side of Matai Street.

Matai Street West (east-west running section)

- (vii) That the stopping of vehicles be prohibited at any time on the south side of Matai Street West commencing at its intersection with the west side of Matai Street West and extending 15 metres in a westerly direction.
- (viii) That the stopping of vehicles be prohibited at any time on the north side of Matai Street West commencing at its intersection with the east side of Matai Street West and extending 29 metres in a westerly direction.
- (ix) That the stopping of vehicles be prohibited at any time on the south side of Matai Street West commencing at its intersection with the east side of Harakeke Street and extending 20 metres in an easterly direction.
- (x) That the stopping of vehicles be prohibited at any time on the north side of Matai Street West commencing at its intersection with the east side of Harakeke Street and extending 11 metres in an easterly direction.
- (xi) That the stopping of vehicles be prohibited at any time on the south side of Matai Street West commencing at its intersection with the west side of Harakeke Street and extending 15 metres in a westerly direction.

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- (xii) That the stopping of vehicles be prohibited at any time on the north side of Matai Street West commencing at its intersection with the west side of Harakeke Street and extending 20 metres in a westerly direction.
- (xiii) That the stopping of vehicles be prohibited at any time on both sides of Matai Street West commencing at its intersection with the east side of Straven Road and extending 26 metres in a westerly direction.

Harakeke Street

- (xiv) That the stopping of vehicles be prohibited at any time on both sides of Harakeke Street commencing at its intersection with the north side of Matai Street West and extending 25 metres in a northerly direction.
- (xv) That the stopping of vehicles be prohibited at any time on both sides of Harakeke Street commencing at its intersection with the south side of Matai Street West and extending 12 metres in a southerly direction.

"STOP" Signs

- (xvi) That a "Stop" sign be placed against Matai Street West at its intersection with Harakeke Street.
- (c) That any previous parking restrictions in the abovementioned areas be revoked.