

## Appendix A – Best Practice Guidelines

The following table provides a summary of the best practice guidelines used for design.

| Organisation                        | Best Practice Guidelines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wellington City Council (WCC)       | <ul style="list-style-type: none"> <li>• <i>Cycling Framework, June 2015</i></li> <li>• <i>Code of Practice for Land Development, December 2012</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                     |
| New Zealand Transport Agency (NZTA) | <ul style="list-style-type: none"> <li>• <i>Cycling Network Guidance – Planning and Design (Online Portal), accessed July 2017</i></li> <li>• <i>Manual of Traffic Signs and Makings (MOTSAM) Part 2: Markings, August 2010</i></li> <li>• <i>Pedestrian Planning and Design Guide, October 2009</i></li> <li>• <i>Guidelines for Public Transport Infrastructure and Facilities (Interim Consultation Draft), March 2014</i></li> <li>• <i>State Highway Geometric Design Manual Part 6: Cross Section, March 2002</i></li> </ul> |
| Christchurch City Council (CCC)     | <ul style="list-style-type: none"> <li>• <i>Christchurch Cycle Design Guidelines, Part B: Revision B, Design Principles Best Practice Guide, dated July 2016</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                        |
| Austroads                           | <ul style="list-style-type: none"> <li>• <i>Cycling Aspects of Austroads Guides (AP-G88-17), June 2017</i></li> <li>• <i>Guide to Road Design Part 3: Geometric Design (AGRD03-16), September 2016</i></li> <li>• <i>Guide to Road Design Part 4: Intersections and Crossings (AGRD04-17), June 2017</i></li> </ul>                                                                                                                                                                                                                |
| Standards New Zealand (SNZ)         | <ul style="list-style-type: none"> <li>• <i>Land Development and Subdivision Infrastructure (NZS 4404), 2010</i></li> <li>• <i>Parking Facilities Part 1: Off-street Car Parking (AS/NZS 2890.1), 2004</i></li> <li>• <i>Parking Facilities Part 5: On-street Parking (AS 2890.5), 1993</i></li> </ul>                                                                                                                                                                                                                             |
| CROW                                | <ul style="list-style-type: none"> <li>• <i>Design Manual for Bicycle Traffic, December 2016</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Appendix B – Design Elements

The following table outlines the desirable and minimum dimensions noted in reference guidelines. The table includes cyclist, pedestrian, motorist, and parking elements, along with key design features including flush medians, bus stops, pedestrian crossings, and driveways.

| Element                                     | Design Dimensions                                                                        |                                                                                  | Guidance <sup>1</sup>         | Comments                                                 |
|---------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------|
|                                             | Desirable                                                                                | Minimum                                                                          |                               |                                                          |
| On-road cycle lanes                         | 1.8 m wide<br>1.2 m wide buffer to parallel parking<br>0.5 m wide buffer to traffic lane | 1.5 m wide<br>0.4 m wide buffer to parallel parking<br>No buffer to traffic lane | WCC, NZTA, CCC, Austroads     |                                                          |
| Protected (kerbside) cycle lanes            | 2.2 m wide<br>1.2 m wide buffer to parallel parking                                      | 1.5 m wide<br>0.6 m wide buffer to parallel parking                              | WCC, NZTA, CCC, Austroads     |                                                          |
| Two-way cycle paths                         | 3.5 m wide<br>1.2 m wide buffer to parallel parking<br>0.5 m wide buffer to traffic lane | 2.0 m wide<br>0.6 m wide buffer to parallel parking<br>No buffer to traffic lane | WCC, NZTA, CCC, Austroads     |                                                          |
| Footpaths                                   | 4.0 m wide for high pedestrian volumes<br>2.0 m wide for low pedestrian volumes          | 1.8 m wide (1.5 m wide for short distances only)                                 | WCC, NZTA                     |                                                          |
| Shared paths                                | 5.0 m wide                                                                               | 2.0 m wide                                                                       | NZTA, CCC, Austroads          | Width varies depending on pedestrian and cyclist volumes |
| Traffic lanes                               | 3.5 m wide                                                                               | 2.7 m wide                                                                       | WCC, NZTA, Austroads, NZS4404 |                                                          |
| Parallel parking spaces                     | 2.5 m wide                                                                               | 2.0 m wide                                                                       | WCC, NZTA, AS/NZS             |                                                          |
| Notes;                                      |                                                                                          |                                                                                  |                               |                                                          |
| 1. Refer to Appendix A for reference guides |                                                                                          |                                                                                  |                               |                                                          |

## **Appendix C** – Parking Survey Reference Map



**Zone A**  
Taranaki St  
Tasman St  
Wallace St

**Zone B**  
Adelaide Rd (North)  
Belfrast St  
Hanson St (North)  
Hospital Rd  
Hutchison Rd  
John St  
King St  
Myrtle Cres

**Zone C**  
Adelaide Rd (Centre North)  
Colombo St  
Hall St  
Hanson St (South)  
Riddiford St (North)  
Stoke St (West)

**Zone D**  
Constable St  
Daniell St (North)  
Emmett St  
Mein St  
Owen St (North)  
Riddiford St (South)  
Wilson St

**Zone E**  
Adelaide Rd (Centre south)  
Luxford St  
Palm Grove  
Rintoul St (North)  
Stoke St (East)  
Waripori St (West)

**Zone F**  
Daniell St (South)  
Donald McLean St  
Ferguson St  
Mansfield St  
Owen St (South)  
Rhodes St  
Roy St

**Zone G**  
Herald St  
Lavaud St  
Rintoul St (South)  
Russell Tce  
Waripori St (East)

**Zone H**  
Adelaide Rd (South)  
Brittomart St  
Chilka St  
Duppa St  
Stanley St

## **Appendix D – MCA Criteria**

Included in this appendix is the list of criteria used the for MCA assessments. In addition, descriptions are provided for the measures used during each phase of assessment to evaluate the treatments, networks, and packages.

| Criteria                                                        |                                                                                                                                                                        | Consideration                                                                                                                                                                                                                                                                                                        | Phase 1:<br>Treatment Measure                                                                                                                              | Phase 2:<br>Network Measure                                                                                                                                                                                          | Phase 3:<br>Package Measure                                                                    |                                                                        |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| PASS FATAL FLAWS SCREEN?                                        |                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                            |                                                                                                                                                                                                                      |                                                                                                |                                                                        |
| Effectiveness meeting WCC<br>Cycling Investment Objectives      | Achieve a high level of service for cyclists within an integrated transport network                                                                                    | Danish LOS rating                                                                                                                                                                                                                                                                                                    | N/A                                                                                                                                                        |                                                                                                                                                                                                                      | Average of ratings for treatments                                                              |                                                                        |
|                                                                 | Improve cycling infrastructure and facilities so that cycling makes a much greater contribution to network efficiency, effectiveness and resilience                    | Austrroads LOS Framework for cyclists: Mobility (travel speed and congestion)                                                                                                                                                                                                                                        | CROW standards for Directness (time factor)                                                                                                                |                                                                                                                                                                                                                      | Average of ratings for treatments and network                                                  |                                                                        |
|                                                                 | Cycling is a viable and attractive transport choice                                                                                                                    | Austrroads LOS Framework for cyclists: Access (access and suitability)                                                                                                                                                                                                                                               | Austrroads LOS Framework for cyclists: Mobility (grades) and CROW standards for Comfort (number of turns and stops)                                        |                                                                                                                                                                                                                      | Average of ratings for treatments and network                                                  |                                                                        |
|                                                                 | The crash rate, number and severity of crashes involving people on bikes is reduced                                                                                    | Austrroads LOS Framework for cyclists: Safety (crash risk)<br>A weighted average of the reduction in crash rates as follows:<br>● Reduction in crashes involving stationary hazards: 30%<br>● Reduction in crashes involving pedestrians/other cyclists: 20%<br>● Reduction in crashes involving motor vehicles: 50% | N/A                                                                                                                                                        |                                                                                                                                                                                                                      | Average of ratings for treatments                                                              |                                                                        |
|                                                                 | Providing transport choices by increasing the opportunity for people to ride bikes so as to improve the sustainability, liveability and attractiveness of Wellington   | Cyclist types the facility caters to as per the Geller (2009) method, which focuses on people's willingness to cycle for transportation as a function of perceived safety of cycling conditions (i.e. risk tolerance)                                                                                                | CROW standards for Cohesion (connectivity and links to origins and destinations) and population served by the network                                      |                                                                                                                                                                                                                      | Average of ratings for treatments and network                                                  |                                                                        |
| PASS WCC CYCLING INVESTMENT OBJECTIVES SCREEN?                  |                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                            |                                                                                                                                                                                                                      |                                                                                                |                                                                        |
| Objectives<br><br>Effectiveness meeting<br>Community Objectives | Provide facilities for people biking through and around Newtown, Mt Cook and Berhampore                                                                                | Cyclist types the facility caters to as per the Geller (2009) method, which focuses on people's willingness to cycle for transportation as a function of perceived safety of cycling conditions (i.e. risk tolerance)                                                                                                | CROW standards for Cohesion (connectivity and links to origins and destinations) and population served by the network                                      |                                                                                                                                                                                                                      | Average of ratings for treatments and network                                                  |                                                                        |
|                                                                 | Provide safe cycle facilities                                                                                                                                          | Austrroads LOS Framework for cyclists: Safety (crash risk)<br>A weighted average of the reduction in crash rates as follows:<br>● Reduction in crashes involving stationary hazards: 30%<br>● Reduction in crashes involving pedestrians/other cyclists: 20%<br>● Reduction in crashes involving motor vehicles: 50% | N/A                                                                                                                                                        |                                                                                                                                                                                                                      | Average of ratings for treatments                                                              |                                                                        |
|                                                                 | Improve the safety of facilities for people walking through and around the area                                                                                        | Austrroads LOS Framework for pedestrians: Safety (crash risk)                                                                                                                                                                                                                                                        | N/A                                                                                                                                                        |                                                                                                                                                                                                                      | Average of ratings for treatments                                                              |                                                                        |
|                                                                 | Make it easier and safer for people to cross roads in the area                                                                                                         | N/A                                                                                                                                                                                                                                                                                                                  | N/A                                                                                                                                                        |                                                                                                                                                                                                                      | N/A                                                                                            |                                                                        |
|                                                                 | Contribute to reducing car congestion in the area by creating better facilities that encourage more people to bike, walk, and take the bus                             | Average of effects assessment for cyclists, pedestrians, and public transport users                                                                                                                                                                                                                                  | Average of effects assessment for cyclists                                                                                                                 |                                                                                                                                                                                                                      | Average of ratings for treatments and network                                                  |                                                                        |
|                                                                 | Minimise the impact on parking, especially for residents and businesses                                                                                                | Percentage of parking spaces removed                                                                                                                                                                                                                                                                                 | N/A                                                                                                                                                        |                                                                                                                                                                                                                      | Average of ratings for treatments                                                              |                                                                        |
|                                                                 | Encourage more people to use the bus by providing bus lanes, rationalising bus stop locations, and creating opportunities to let buses go first at some traffic lights | Bus lanes are provided on the route corridors                                                                                                                                                                                                                                                                        | N/A                                                                                                                                                        |                                                                                                                                                                                                                      | Average of ratings for treatments                                                              |                                                                        |
|                                                                 | Create opportunities to improve safe access, seating and shelter at bus stops                                                                                          | Amount of space available at bus stop locations to provide improved seating and shelter, and levels of conflict between public transport users and cyclists                                                                                                                                                          | N/A                                                                                                                                                        |                                                                                                                                                                                                                      | Average of ratings for treatments                                                              |                                                                        |
|                                                                 | Preserve, or create opportunities to enhance, the special character of the Newtown, Berhampore, and Mount Cook area                                                    | N/A                                                                                                                                                                                                                                                                                                                  | N/A                                                                                                                                                        |                                                                                                                                                                                                                      | N/A                                                                                            |                                                                        |
|                                                                 | Create opportunities to improve the key locations identified in data analysis from the Newtown Connections community engagement                                        | N/A                                                                                                                                                                                                                                                                                                                  | Number of identified key locations that the network passes through                                                                                         |                                                                                                                                                                                                                      | Rating for network                                                                             |                                                                        |
|                                                                 | Create opportunities to improve the key streets identified in data analysis from the Newtown Connections community engagement                                          | N/A                                                                                                                                                                                                                                                                                                                  | Number of identified key streets that are part of the network                                                                                              |                                                                                                                                                                                                                      | Rating for network                                                                             |                                                                        |
|                                                                 | PASS COMMUNITY OBJECTIVES SCREEN?                                                                                                                                      |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                            |                                                                                                                                                                                                                      |                                                                                                |                                                                        |
| Effects                                                         | Transport Network Fit                                                                                                                                                  | Alignment of option to any existing adjacent cycle infrastructure                                                                                                                                                                                                                                                    | How well the facility aligns to any existing adjacent cycle infrastructure                                                                                 | Whether or not the network connects to the existing cycle infrastructure                                                                                                                                             | Average of ratings for treatments and network                                                  |                                                                        |
|                                                                 |                                                                                                                                                                        | Alignment to transport corridor function                                                                                                                                                                                                                                                                             | How well the facility aligns to the transport corridor function as per the District Plan (as per WCC Code of Practice for Land Development, Section C.1.1) | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 | Pedestrian Effects                                                                                                                                                     | Pedestrian Safety                                                                                                                                                                                                                                                                                                    | Austrroads LOS Framework for pedestrians: Safety (crash risk)                                                                                              | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 |                                                                                                                                                                        | Pedestrian Experience                                                                                                                                                                                                                                                                                                | Level of comfort for pedestrians based on proximity to moving motor vehicles and cyclists                                                                  | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 | Public Transport Effects                                                                                                                                               | Public Transport Safety                                                                                                                                                                                                                                                                                              | Austrroads LOS Framework for public transport: Safety (crash risk)                                                                                         | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 |                                                                                                                                                                        | Public Transport Experience                                                                                                                                                                                                                                                                                          | Austrroads LOS Framework for public transport: Mobility (operating speed and exclusive right of way)                                                       | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 | Motor Vehicle Effects                                                                                                                                                  | Motor Vehicle Safety                                                                                                                                                                                                                                                                                                 | Austrroads LOS Framework for motor vehicles: Safety (crash risk); an average of ratings for the alignment to corridor function and levels of conflict      | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 |                                                                                                                                                                        | Motor Vehicle Experience                                                                                                                                                                                                                                                                                             | Austrroads LOS Framework for motor vehicles: Amenity; includes driving stress and ability to turn                                                          | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 | Parking Effects                                                                                                                                                        | Removal of existing parking spaces                                                                                                                                                                                                                                                                                   | Percentage of parking spaces removed                                                                                                                       | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 |                                                                                                                                                                        | Location of parking spaces                                                                                                                                                                                                                                                                                           | N/A                                                                                                                                                        | N/A                                                                                                                                                                                                                  |                                                                                                | The ability of the parking changes to meet the existing parking demand |
|                                                                 | Property Effects                                                                                                                                                       | Effect of acquisition on residual land                                                                                                                                                                                                                                                                               | Level of property acquisition required for the facility                                                                                                    | Level of property acquisition required for the network                                                                                                                                                               |                                                                                                | Average of ratings for treatments and network                          |
|                                                                 |                                                                                                                                                                        | Effect on adjacent land-use                                                                                                                                                                                                                                                                                          | Effect on adjacent land-use and access to adjacent properties                                                                                              | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 |                                                                                                                                                                        | Effect on access to businesses for cyclists                                                                                                                                                                                                                                                                          | Cyclists have easy access to businesses from the cycle facility                                                                                            | The cycle network connects to the commercial areas within the suburbs                                                                                                                                                |                                                                                                | Average of ratings for treatments and network                          |
|                                                                 |                                                                                                                                                                        | Effect on access to businesses for motor vehicles (incl. deliveries and ease of access)                                                                                                                                                                                                                              | Number of parking spaces available for motor vehicles close to businesses                                                                                  | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 | Environmental Effects                                                                                                                                                  | Light pollution                                                                                                                                                                                                                                                                                                      | Change in existing level of light pollution                                                                                                                | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 |                                                                                                                                                                        | Effect on existing vegetation                                                                                                                                                                                                                                                                                        | N/A                                                                                                                                                        | Level of removal of existing vegetation (off-road)                                                                                                                                                                   |                                                                                                | Rating for network                                                     |
|                                                                 | Urban Design Effects                                                                                                                                                   | Opportunity for urban design enhancements                                                                                                                                                                                                                                                                            | Available width for urban design enhancements                                                                                                              | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 | PASS EFFECTS SCREEN?                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                            |                                                                                                                                                                                                                      |                                                                                                |                                                                        |
|                                                                 | Implementation                                                                                                                                                         | Planning Feasibility                                                                                                                                                                                                                                                                                                 | Plan alignment (District, Reserves, Other)                                                                                                                 | How well the facility aligns with the relevant planning provisions and Council management plans (District Plan objectives and policies, Town Belt Management Plan, Open Space Access Plan)                           | The proposed network aligns with the relevant planning provisions and Council management plans | Average of ratings for treatments and network                          |
|                                                                 |                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                      | Approvals Risk (consents etc.)                                                                                                                             | How well the facility represents the best outcome for the applicant, wider Council and public (District Plan, NES for Assessing and Managing Contaminants in Soil to Protect Human Health Town Belt Management Plan) | The proposed network represents the best outcome for the applicant, wider Council and public   |                                                                        |
| Delivery Feasibility                                            |                                                                                                                                                                        | Traffic disruption during construction                                                                                                                                                                                                                                                                               | Efficiency of traffic flow during construction with minimal impact on travel times                                                                         | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
|                                                                 |                                                                                                                                                                        | Business disruption during construction                                                                                                                                                                                                                                                                              | Impact on businesses during construction                                                                                                                   | N/A                                                                                                                                                                                                                  |                                                                                                | Average of ratings for treatments                                      |
| Funding Feasibility                                             |                                                                                                                                                                        | Cost indication                                                                                                                                                                                                                                                                                                      | High-level cost indication per metre of facility                                                                                                           | N/A                                                                                                                                                                                                                  |                                                                                                | High-level cost indication for the package                             |

## Appendix E – Treatments: Long List

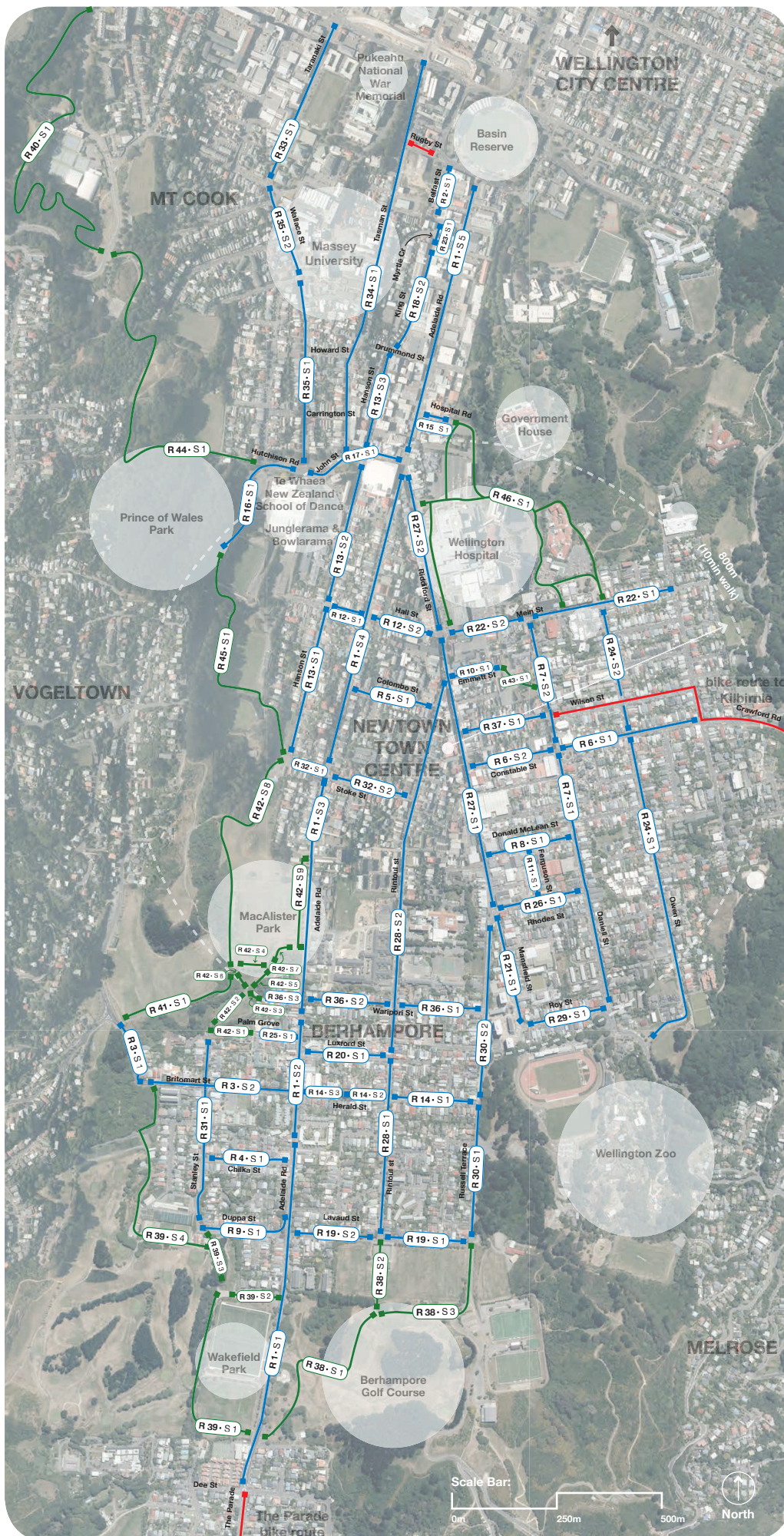
The long list of treatments included 19 on-road options considered across 59 routes streets and 4 off-road options considered across 22 off-road routes within the project area. The appendix includes the following:

- A map with all of the routes considered during the assessment of the treatment options—the codes used on the map correspond to the long lists of on-road and off-road routes (the third and fourth items included in this appendix);
- Example images of all of the treatment options considered on the long list;
- The long list of on-road routes considered and the long list of treatments considered on each route; and
- The long list of off-road routes considered and the long list of treatments considered on each route.

# Route Sections Map

## KEY

- On-road bike route section
- Off-road bike route section
- Other bike route projects





**Separated Cycle Lane/Path**



**Separated Cycle Lane/Path**  
Two way



**Separated Cycle Lane/Path**  
Two way down the centre of the street

# Treatment Types



**Separated Cycle Lane/Path**  
One lane uphill, sharrows downhill



**Separated Cycle Lane/Path**  
Contraflow



**Cycle Lane**



**Cycle Lane**  
Two way



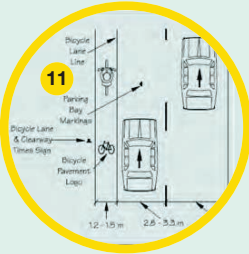
**Cycle Lane**  
Two way down the centre of the street



**Cycle Lane**  
One lane uphill, sharrows downhill



**Cycle Lane**  
Contra-flow



**Cycle Lane**  
Peak clearway/cycle lane;  
off-peak parking/cycle lane



**Cycle Lane**  
Peak cycle lane;  
off-peak parking



**Dedicated Bus Lane**  
Permanent narrow lane



**Dedicated Bus Lane**  
Permanent wide lane



**Dedicated Bus Lane**  
Peak wide lane, off-peak parking/ cycle lane



**Shared Path**



**Quiet Route**



**Shared Zone**



**Pedestrian and Cyclist Only Street**



**Off-Road Bike Path**



**Off-Road Shared Path**



**Off-Road Bike Track**  
Unpaved



**Off-Road Shared Track**  
Unpaved

Phase 1: Long List of On-Road Routes and Treatment Options

| Section Identifier | Route                | Section Description                                                             | Treatment                 |                                    |                                                                                    |                                                            |            |                     |                                                |                             |                                                                     |                                               |                                           |                                         |                                                                  |             |             |             |                                      |            |            |
|--------------------|----------------------|---------------------------------------------------------------------------------|---------------------------|------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------|------------|---------------------|------------------------------------------------|-----------------------------|---------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|-----------------------------------------|------------------------------------------------------------------|-------------|-------------|-------------|--------------------------------------|------------|------------|
|                    |                      |                                                                                 | 1                         | 2                                  | 3                                                                                  | 4                                                          | 5          | 6                   | 7                                              | 8                           | 9                                                                   | 10                                            | 11                                        | 12                                      | 13                                                               | 14          | 15          | 16          | 17                                   | 18         | 19         |
| R1-S1              | Adelaide Road        | Dee St to #498 Adelaide Rd (north of Chikka St)                                 | Separated Cycle Lane/Path | Separated Cycle Lane/Path: Two way | Separated Cycle Lane/Path: One lane uphill, centre of shorrows the street downhill | Separated Cycle Lane/Path: Two way uphill, Controflow lane | Cycle Lane | Cycle Lane: Two way | Cycle Lane: One lane uphill, shorrows downhill | Cycle Lane: Controflow lane | Cycle Lane: Peak clearway/ cycle lane, off-peak parking/ cycle lane | Cycle Lane: Peak cycle lane, off-peak parking | Dedicated Bus Lane: Permanent narrow lane | Dedicated Bus Lane: Permanent wide lane | Dedicated Bus Lane: Peak wide lane, off-peak parking/ cycle lane | Shared Path | Quiet Route | Shared Zone | Pedestrian- and Cyclist- Only Street |            |            |
| R1-S2              | Adelaide Road        | #498 Adelaide Rd (north of Chikka St) to #451 Adelaide Rd (north of Palm Grove) | R1-S1-T1                  | R1-S1-T2                           | R1-S1-T3                                                                           | R1-S1-T4                                                   | R1-S1-T5   | R1-S1-T6            | R1-S1-T7                                       | R1-S1-T8                    | R1-S1-T9                                                            | R1-S1-T10                                     | R1-S1-T11                                 | R1-S1-T12                               | R1-S1-T13                                                        | R1-S1-T14   | R1-S1-T15   | R1-S1-T16   | R1-S1-T17                            | R1-S1-T18  | R1-S1-T19  |
| R1-S2              | Adelaide Road        | #498 Adelaide Rd (north of Chikka St) to #451 Adelaide Rd (north of Palm Grove) | R1-S2-T1                  | R1-S2-T2                           | R1-S2-T3                                                                           | R1-S2-T4                                                   | R1-S2-T5   | R1-S2-T6            | R1-S2-T7                                       | R1-S2-T8                    | R1-S2-T9                                                            | R1-S2-T10                                     | R1-S2-T11                                 | R1-S2-T12                               | R1-S2-T13                                                        | R1-S2-T14   | R1-S2-T15   | R1-S2-T16   | R1-S2-T17                            | R1-S2-T18  | R1-S2-T19  |
| R1-S3              | Adelaide Road        | #451 Adelaide Rd (north of Palm Grove) to Stoke St                              | R1-S3-T1                  | R1-S3-T2                           | R1-S3-T3                                                                           | R1-S3-T4                                                   | R1-S3-T5   | R1-S3-T6            | R1-S3-T7                                       | R1-S3-T8                    | R1-S3-T9                                                            | R1-S3-T10                                     | R1-S3-T11                                 | R1-S3-T12                               | R1-S3-T13                                                        | R1-S3-T14   | R1-S3-T15   | R1-S3-T16   | R1-S3-T17                            | R1-S3-T18  | R1-S3-T19  |
| R1-S4              | Adelaide Road        | Stoke St to John St                                                             | R1-S4-T1                  | R1-S4-T2                           | R1-S4-T3                                                                           | R1-S4-T4                                                   | R1-S4-T5   | R1-S4-T6            | R1-S4-T7                                       | R1-S4-T8                    | R1-S4-T9                                                            | R1-S4-T10                                     | R1-S4-T11                                 | R1-S4-T12                               | R1-S4-T13                                                        | R1-S4-T14   | R1-S4-T15   | R1-S4-T16   | R1-S4-T17                            | R1-S4-T18  | R1-S4-T19  |
| R1-S5              | Adelaide Road        | John St to Basin Reserve roundabout                                             | R1-S5-T1                  | R1-S5-T2                           | R1-S5-T3                                                                           | R1-S5-T4                                                   | R1-S5-T5   | R1-S5-T6            | R1-S5-T7                                       | R1-S5-T8                    | R1-S5-T9                                                            | R1-S5-T10                                     | R1-S5-T11                                 | R1-S5-T12                               | R1-S5-T13                                                        | R1-S5-T14   | R1-S5-T15   | R1-S5-T16   | R1-S5-T17                            | R1-S5-T18  | R1-S5-T19  |
| R2-S1              | Beifras Street       | Douglas St to Basin Reserve roundabout                                          | R2-S1-T1                  | R2-S1-T2                           | R2-S1-T3                                                                           | R2-S1-T4                                                   | R2-S1-T5   | R2-S1-T6            | R2-S1-T7                                       | R2-S1-T8                    | R2-S1-T9                                                            | R2-S1-T10                                     | R2-S1-T11                                 | R2-S1-T12                               | R2-S1-T13                                                        | R2-S1-T14   | R2-S1-T15   | R2-S1-T16   | R2-S1-T17                            | R2-S1-T18  | R2-S1-T19  |
| R3-S1              | Brittonart Street    | Farnham St to #148 Brittonart St                                                | R3-S1-T1                  | R3-S1-T2                           | R3-S1-T3                                                                           | R3-S1-T4                                                   | R3-S1-T5   | R3-S1-T6            | R3-S1-T7                                       | R3-S1-T8                    | R3-S1-T9                                                            | R3-S1-T10                                     | R3-S1-T11                                 | R3-S1-T12                               | R3-S1-T13                                                        | R3-S1-T14   | R3-S1-T15   | R3-S1-T16   | R3-S1-T17                            | R3-S1-T18  | R3-S1-T19  |
| R3-S2              | Brittonart Street    | #148 Brittonart St to Adelaide Rd                                               | R3-S2-T1                  | R3-S2-T2                           | R3-S2-T3                                                                           | R3-S2-T4                                                   | R3-S2-T5   | R3-S2-T6            | R3-S2-T7                                       | R3-S2-T8                    | R3-S2-T9                                                            | R3-S2-T10                                     | R3-S2-T11                                 | R3-S2-T12                               | R3-S2-T13                                                        | R3-S2-T14   | R3-S2-T15   | R3-S2-T16   | R3-S2-T17                            | R3-S2-T18  | R3-S2-T19  |
| R4-S1              | Chikka Street        | Stanley St to Adelaide Rd                                                       | R4-S1-T1                  | R4-S1-T2                           | R4-S1-T3                                                                           | R4-S1-T4                                                   | R4-S1-T5   | R4-S1-T6            | R4-S1-T7                                       | R4-S1-T8                    | R4-S1-T9                                                            | R4-S1-T10                                     | R4-S1-T11                                 | R4-S1-T12                               | R4-S1-T13                                                        | R4-S1-T14   | R4-S1-T15   | R4-S1-T16   | R4-S1-T17                            | R4-S1-T18  | R4-S1-T19  |
| R5-S1              | Colombo Street       | Rintoul St to Adelaide Rd                                                       | R5-S1-T1                  | R5-S1-T2                           | R5-S1-T3                                                                           | R5-S1-T4                                                   | R5-S1-T5   | R5-S1-T6            | R5-S1-T7                                       | R5-S1-T8                    | R5-S1-T9                                                            | R5-S1-T10                                     | R5-S1-T11                                 | R5-S1-T12                               | R5-S1-T13                                                        | R5-S1-T14   | R5-S1-T15   | R5-S1-T16   | R5-S1-T17                            | R5-S1-T18  | R5-S1-T19  |
| R6-S1              | Constable Street     | Coromandel St to Daniel St                                                      | R6-S1-T1                  | R6-S1-T2                           | R6-S1-T3                                                                           | R6-S1-T4                                                   | R6-S1-T5   | R6-S1-T6            | R6-S1-T7                                       | R6-S1-T8                    | R6-S1-T9                                                            | R6-S1-T10                                     | R6-S1-T11                                 | R6-S1-T12                               | R6-S1-T13                                                        | R6-S1-T14   | R6-S1-T15   | R6-S1-T16   | R6-S1-T17                            | R6-S1-T18  | R6-S1-T19  |
| R6-S2              | Constable Street     | Daniel St to Riddiford St                                                       | R6-S2-T1                  | R6-S2-T2                           | R6-S2-T3                                                                           | R6-S2-T4                                                   | R6-S2-T5   | R6-S2-T6            | R6-S2-T7                                       | R6-S2-T8                    | R6-S2-T9                                                            | R6-S2-T10                                     | R6-S2-T11                                 | R6-S2-T12                               | R6-S2-T13                                                        | R6-S2-T14   | R6-S2-T15   | R6-S2-T16   | R6-S2-T17                            | R6-S2-T18  | R6-S2-T19  |
| R7-S1              | Daniell Street       | Roy St to Constable St                                                          | R7-S1-T1                  | R7-S1-T2                           | R7-S1-T3                                                                           | R7-S1-T4                                                   | R7-S1-T5   | R7-S1-T6            | R7-S1-T7                                       | R7-S1-T8                    | R7-S1-T9                                                            | R7-S1-T10                                     | R7-S1-T11                                 | R7-S1-T12                               | R7-S1-T13                                                        | R7-S1-T14   | R7-S1-T15   | R7-S1-T16   | R7-S1-T17                            | R7-S1-T18  | R7-S1-T19  |
| R7-S2              | Daniell Street       | Constable St to Mein St                                                         | R7-S2-T1                  | R7-S2-T2                           | R7-S2-T3                                                                           | R7-S2-T4                                                   | R7-S2-T5   | R7-S2-T6            | R7-S2-T7                                       | R7-S2-T8                    | R7-S2-T9                                                            | R7-S2-T10                                     | R7-S2-T11                                 | R7-S2-T12                               | R7-S2-T13                                                        | R7-S2-T14   | R7-S2-T15   | R7-S2-T16   | R7-S2-T17                            | R7-S2-T18  | R7-S2-T19  |
| R8-S1              | Donald McLean Street | Daniell St to Riddiford St                                                      | R8-S1-T1                  | R8-S1-T2                           | R8-S1-T3                                                                           | R8-S1-T4                                                   | R8-S1-T5   | R8-S1-T6            | R8-S1-T7                                       | R8-S1-T8                    | R8-S1-T9                                                            | R8-S1-T10                                     | R8-S1-T11                                 | R8-S1-T12                               | R8-S1-T13                                                        | R8-S1-T14   | R8-S1-T15   | R8-S1-T16   | R8-S1-T17                            | R8-S1-T18  | R8-S1-T19  |
| R9-S1              | Duppa Street         | Stanley St to Adelaide Rd                                                       | R9-S1-T1                  | R9-S1-T2                           | R9-S1-T3                                                                           | R9-S1-T4                                                   | R9-S1-T5   | R9-S1-T6            | R9-S1-T7                                       | R9-S1-T8                    | R9-S1-T9                                                            | R9-S1-T10                                     | R9-S1-T11                                 | R9-S1-T12                               | R9-S1-T13                                                        | R9-S1-T14   | R9-S1-T15   | R9-S1-T16   | R9-S1-T17                            | R9-S1-T18  | R9-S1-T19  |
| R10-S1             | Ermett Street        | #22 Ermett St to Riddiford St                                                   | R10-S1-T1                 | R10-S1-T2                          | R10-S1-T3                                                                          | R10-S1-T4                                                  | R10-S1-T5  | R10-S1-T6           | R10-S1-T7                                      | R10-S1-T8                   | R10-S1-T9                                                           | R10-S1-T10                                    | R10-S1-T11                                | R10-S1-T12                              | R10-S1-T13                                                       | R10-S1-T14  | R10-S1-T15  | R10-S1-T16  | R10-S1-T17                           | R10-S1-T18 | R10-S1-T19 |
| R11-S1             | Ferguson Street      | Rhodes St to Donald McLean St                                                   | R11-S1-T1                 | R11-S1-T2                          | R11-S1-T3                                                                          | R11-S1-T4                                                  | R11-S1-T5  | R11-S1-T6           | R11-S1-T7                                      | R11-S1-T8                   | R11-S1-T9                                                           | R11-S1-T10                                    | R11-S1-T11                                | R11-S1-T12                              | R11-S1-T13                                                       | R11-S1-T14  | R11-S1-T15  | R11-S1-T16  | R11-S1-T17                           | R11-S1-T18 | R11-S1-T19 |
| R12-S1             | Hall Street          | Hanson St to Adelaide Rd                                                        | R12-S1-T1                 | R12-S1-T2                          | R12-S1-T3                                                                          | R12-S1-T4                                                  | R12-S1-T5  | R12-S1-T6           | R12-S1-T7                                      | R12-S1-T8                   | R12-S1-T9                                                           | R12-S1-T10                                    | R12-S1-T11                                | R12-S1-T12                              | R12-S1-T13                                                       | R12-S1-T14  | R12-S1-T15  | R12-S1-T16  | R12-S1-T17                           | R12-S1-T18 | R12-S1-T19 |
| R12-S2             | Hall Street          | Adelaide Rd to Riddiford St                                                     | R12-S2-T1                 | R12-S2-T2                          | R12-S2-T3                                                                          | R12-S2-T4                                                  | R12-S2-T5  | R12-S2-T6           | R12-S2-T7                                      | R12-S2-T8                   | R12-S2-T9                                                           | R12-S2-T10                                    | R12-S2-T11                                | R12-S2-T12                              | R12-S2-T13                                                       | R12-S2-T14  | R12-S2-T15  | R12-S2-T16  | R12-S2-T17                           | R12-S2-T18 | R12-S2-T19 |
| R13-S1             | Hanson Street        | Stoke St to Hall St                                                             | R13-S1-T1                 | R13-S1-T2                          | R13-S1-T3                                                                          | R13-S1-T4                                                  | R13-S1-T5  | R13-S1-T6           | R13-S1-T7                                      | R13-S1-T8                   | R13-S1-T9                                                           | R13-S1-T10                                    | R13-S1-T11                                | R13-S1-T12                              | R13-S1-T13                                                       | R13-S1-T14  | R13-S1-T15  | R13-S1-T16  | R13-S1-T17                           | R13-S1-T18 | R13-S1-T19 |
| R13-S2             | Hanson Street        | Hall St to John St                                                              | R13-S2-T1                 | R13-S2-T2                          | R13-S2-T3                                                                          | R13-S2-T4                                                  | R13-S2-T5  | R13-S2-T6           | R13-S2-T7                                      | R13-S2-T8                   | R13-S2-T9                                                           | R13-S2-T10                                    | R13-S2-T11                                | R13-S2-T12                              | R13-S2-T13                                                       | R13-S2-T14  | R13-S2-T15  | R13-S2-T16  | R13-S2-T17                           | R13-S2-T18 | R13-S2-T19 |
| R13-S3             | Hanson Street        | John St to Drummond St                                                          | R13-S3-T1                 | R13-S3-T2                          | R13-S3-T3                                                                          | R13-S3-T4                                                  | R13-S3-T5  | R13-S3-T6           | R13-S3-T7                                      | R13-S3-T8                   | R13-S3-T9                                                           | R13-S3-T10                                    | R13-S3-T11                                | R13-S3-T12                              | R13-S3-T13                                                       | R13-S3-T14  | R13-S3-T15  | R13-S3-T16  | R13-S3-T17                           | R13-S3-T18 | R13-S3-T19 |
| R14-S1             | Herard Street        | Russell Tce to Rintoul St                                                       | R14-S1-T1                 | R14-S1-T2                          | R14-S1-T3                                                                          | R14-S1-T4                                                  | R14-S1-T5  | R14-S1-T6           | R14-S1-T7                                      | R14-S1-T8                   | R14-S1-T9                                                           | R14-S1-T10                                    | R14-S1-T11                                | R14-S1-T12                              | R14-S1-T13                                                       | R14-S1-T14  | R14-S1-T15  | R14-S1-T16  | R14-S1-T17                           | R14-S1-T18 | R14-S1-T19 |
| R14-S2             | Herard Street        | Rintoul St to #55 Herard St                                                     | R14-S2-T1                 | R14-S2-T2                          | R14-S2-T3                                                                          | R14-S2-T4                                                  | R14-S2-T5  | R14-S2-T6           | R14-S2-T7                                      | R14-S2-T8                   | R14-S2-T9                                                           | R14-S2-T10                                    | R14-S2-T11                                | R14-S2-T12                              | R14-S2-T13                                                       | R14-S2-T14  | R14-S2-T15  | R14-S2-T16  | R14-S2-T17                           | R14-S2-T18 | R14-S2-T19 |
| R14-S3             | Herard Street        | #67 Herard St to Adelaide Rd                                                    | R14-S3-T1                 | R14-S3-T2                          | R14-S3-T3                                                                          | R14-S3-T4                                                  | R14-S3-T5  | R14-S3-T6           | R14-S3-T7                                      | R14-S3-T8                   | R14-S3-T9                                                           | R14-S3-T10                                    | R14-S3-T11                                | R14-S3-T12                              | R14-S3-T13                                                       | R14-S3-T14  | R14-S3-T15  | R14-S3-T16  | R14-S3-T17                           | R14-S3-T18 | R14-S3-T19 |
| R15-S1             | Hospital Road        | Wellington Regional Hospital to Adelaide Rd                                     | R15-S1-T1                 | R15-S1-T2                          | R15-S1-T3                                                                          | R15-S1-T4                                                  | R15-S1-T5  | R15-S1-T6           | R15-S1-T7                                      | R15-S1-T8                   | R15-S1-T9                                                           | R15-S1-T10                                    | R15-S1-T11                                | R15-S1-T12                              | R15-S1-T13                                                       | R15-S1-T14  | R15-S1-T15  | R15-S1-T16  | R15-S1-T17                           | R15-S1-T18 | R15-S1-T19 |
| R16-S1             | Hutchison Road       | Te Whaea Artificial Turf to Wallace St                                          | R16-S1-T1                 | R16-S1-T2                          | R16-S1-T3                                                                          | R16-S1-T4                                                  | R16-S1-T5  | R16-S1-T6           | R16-S1-T7                                      | R16-S1-T8                   | R16-S1-T9                                                           | R16-S1-T10                                    | R16-S1-T11                                | R16-S1-T12                              | R16-S1-T13                                                       | R16-S1-T14  | R16-S1-T15  | R16-S1-T16  | R16-S1-T17                           | R16-S1-T18 | R16-S1-T19 |
| R17-S1             | John Street          | Wallace St to Adelaide Rd                                                       | R17-S1-T1                 | R17-S1-T2                          | R17-S1-T3                                                                          | R17-S1-T4                                                  | R17-S1-T5  | R17-S1-T6           | R17-S1-T7                                      | R17-S1-T8                   | R17-S1-T9                                                           | R17-S1-T10                                    | R17-S1-T11                                | R17-S1-T12                              | R17-S1-T13                                                       | R17-S1-T14  | R17-S1-T15  | R17-S1-T16  | R17-S1-T17                           | R17-S1-T18 | R17-S1-T19 |
| R18-S1             | King Street          | Drummond St to Myrtle Cres                                                      | R18-S1-T1                 | R18-S1-T2                          | R18-S1-T3                                                                          | R18-S1-T4                                                  | R18-S1-T5  | R18-S1-T6           | R18-S1-T7                                      | R18-S1-T8                   | R18-S1-T9                                                           | R18-S1-T10                                    | R18-S1-T11                                | R18-S1-T12                              | R18-S1-T13                                                       | R18-S1-T14  | R18-S1-T15  | R18-S1-T16  | R18-S1-T17                           | R18-S1-T18 | R18-S1-T19 |
| R19-S1             | Laraud Street        | Russell Tce to Rintoul St                                                       | R19-S1-T1                 | R19-S1-T2                          | R19-S1-T3                                                                          | R19-S1-T4                                                  | R19-S1-T5  | R19-S1-T6           | R19-S1-T7                                      | R19-S1-T8                   | R19-S1-T9                                                           | R19-S1-T10                                    | R19-S1-T11                                | R19-S1-T12                              | R19-S1-T13                                                       | R19-S1-T14  | R19-S1-T15  | R19-S1-T16  | R19-S1-T17                           | R19-S1-T18 | R19-S1-T19 |
| R19-S2             | Laraud Street        | Rintoul St to Adelaide Rd                                                       | R19-S2-T1                 | R19-S2-T2                          | R19-S2-T3                                                                          | R19-S2-T4                                                  | R19-S2-T5  | R19-S2-T6           | R19-S2-T7                                      | R19-S2-T8                   | R19-S2-T9                                                           | R19-S2-T10                                    | R19-S2-T11                                | R19-S2-T12                              | R19-S2-T13                                                       | R19-S2-T14  | R19-S2-T15  | R19-S2-T16  | R19-S2-T17                           | R19-S2-T18 | R19-S2-T19 |
| R20-S1             | Lurford Street       | Rintoul St to Adelaide Rd                                                       | R20-S1-T1                 | R20-S1-T2                          | R20-S1-T3                                                                          | R20-S1-T4                                                  | R20-S1-T5  | R20-S1-T6           | R20-S1-T7                                      | R20-S1-T8                   | R20-S1-T9                                                           | R20-S1-T10                                    | R20-S1-T11                                | R20-S1-T12                              | R20-S1-T13                                                       | R20-S1-T14  | R20-S1-T15  | R20-S1-T16  | R20-S1-T17                           | R20-S1-T18 | R20-S1-T19 |
| R21-S1             | Mansefield Street    | Roy St to Rhodes St                                                             | R21-S1-T1                 | R21-S1-T2                          | R21-S1-T3                                                                          | R21-S1-T4                                                  | R21-S1-T5  | R21-S1-T6           | R21-S1-T7                                      | R21-S1-T8                   | R21-S1-T9                                                           | R21-S1-T10                                    | R21-S1-T11                                | R21-S1-T12                              | R21-S1-T13                                                       | R21-S1-T14  | R21-S1-T15  | R21-S1-T16  | R21-S1-T17                           | R21-S1-T18 | R21-S1-T19 |
| R22-S1             | Mein Street          | Coromandel St to Daniel St                                                      | R22-S1-T1                 | R22-S1-T2                          | R22-S1-T3                                                                          | R22-S1-T4                                                  | R22-S1-T5  | R22-S1-T6           | R22-S1-T7                                      | R22-S1-T8                   | R22-S1-T9                                                           | R22-S1-T10                                    | R22-S1-T11                                | R22-S1-T12                              | R22-S1-T13                                                       | R22-S1-T14  | R22-S1-T15  | R22-S1-T16  | R22-S1-T17                           | R22-S1-T18 | R22-S1-T19 |
| R22-S2             | Mein Street          | Daniel St to Riddiford St                                                       | R22-S2-T1                 | R22-S2-T2                          | R22-S2-T3                                                                          | R22-S2-T4                                                  | R22-S2-T5  | R22-S2-T6           | R22-S2-T7                                      | R22-S2-T8                   | R22-S2-T9                                                           | R22-S2-T10                                    | R22-S2-T11                                | R22-S2-T12                              | R22-S2-T13                                                       | R22-S2-T14  | R22-S2-T15  | R22-S2-T16  | R22-S2-T17                           | R22-S2-T18 | R22-S2-T19 |
| R23-S1             | Myrtle Crescent      | King St to Douglas St                                                           | R23-S1-T1                 | R23-S1-T2                          | R23-S1-T3                                                                          | R23-S1-T4                                                  | R23-S1-T5  | R23-S1-T6           | R23-S1-T7                                      | R23-S1-T8                   | R23-S1-T9                                                           | R23-S1-T10                                    | R23-S1-T11                                | R23-S1-T12                              | R23-S1-T13                                                       | R23-S1-T14  | R23-S1-T15  | R23-S1-T16  | R23-S1-T17                           | R23-S1-T18 | R23-S1-T19 |
| R24-S1             | Owen Street          | Manchester St to Constable St                                                   | R24-S1-T1                 | R24-S1-T2                          | R24-S1-T3                                                                          | R24-S1-T4                                                  | R24-S1-T5  | R24-S1-T6           | R24-S1-T7                                      | R24-S1-T8                   | R24-S1-T9                                                           | R24-S1-T10                                    | R24-S1-T11                                | R24-S1-T12                              | R24-S1-T13                                                       | R24-S1-T14  | R24-S1-T15  | R24-S1-T16  | R24-S1-T17                           | R24-S1-T18 | R24-S1-T19 |

Phase 1: Long List of On-Road Routes and Treatment Options

| Section Identifier | Route            | Section Description                      | Treatment                            |                                                  |                                                                                         |                                                                                      |                                                              |                 |                             |                                                                    |                                                                 |                                          |                                                                                    |                                                              |                                                          |                                                        |                                                                                       |                   |                   |                   |                                                  |
|--------------------|------------------|------------------------------------------|--------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------|-----------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|--------------------------------------------------|
|                    |                  |                                          | 1<br>Separated<br>Cycle<br>Lane/Path | 2<br>Separated<br>Cycle<br>Lane/Path:<br>Two way | 3<br>Separated<br>Cycle<br>Lane/Path:<br>Two way<br>down the<br>centre of<br>the street | 4<br>Separated<br>Cycle<br>Lane/Path:<br>One lane<br>uphill,<br>sharrows<br>downhill | 5<br>Separated<br>Cycle<br>Lane/Path:<br>Controlflow<br>lane | 6<br>Cycle Lane | 7<br>Cycle Lane:<br>Two way | 8<br>Cycle Lane:<br>Two way<br>down the<br>centre of the<br>street | 9<br>Cycle Lane:<br>One lane<br>uphill,<br>sharrows<br>downhill | 10<br>Cycle Lane:<br>Controlflow<br>lane | 11<br>Cycle Lane:<br>Peak<br>clearway/<br>lane, off-peak<br>parking/<br>cycle lane | 12<br>Cycle Lane:<br>Peak cycle<br>lane, off-peak<br>parking | 13<br>Dedicated<br>Bus lane:<br>Permanent<br>narrow lane | 14<br>Dedicated<br>Bus lane:<br>Permanent<br>wide lane | 15<br>Dedicated<br>Bus lane:<br>Peak wide<br>lane, off-peak<br>parking/<br>cycle lane | 16<br>Shared Path | 17<br>Quiet Route | 18<br>Shared Zone | 19<br>Pedestrian-<br>and Cyclist-<br>Only Street |
| R24-S2             | Owen Street      | Constable St to Mein St                  | R24-S2-T1                            | R24-S2-T2                                        | R24-S2-T3                                                                               | R24-S2-T4                                                                            | R24-S2-T5                                                    | R24-S2-T6       | R24-S2-T7                   | R24-S2-T8                                                          | R24-S2-T9                                                       | R24-S2-T10                               | R24-S2-T11                                                                         | R24-S2-T12                                                   | R24-S2-T13                                               | R24-S2-T14                                             | R24-S2-T15                                                                            | R24-S2-T16        | R24-S2-T17        | R24-S2-T18        | R24-S2-T19                                       |
| R25-S1             | Palm Grove       | #18 Palm Grove to Adelaide Rd            | R25-S1-T1                            | R25-S1-T2                                        | R25-S1-T3                                                                               | R25-S1-T4                                                                            | R25-S1-T5                                                    | R25-S1-T6       | R25-S1-T7                   | R25-S1-T8                                                          | R25-S1-T9                                                       | R25-S1-T10                               | R25-S1-T11                                                                         | R25-S1-T12                                                   | R25-S1-T13                                               | R25-S1-T14                                             | R25-S1-T15                                                                            | R25-S1-T16        | R25-S1-T17        | R25-S1-T18        | R25-S1-T19                                       |
| R26-S1             | Rhodes Street    | Daniell St to Riddiford St               | R26-S1-T1                            | R26-S1-T2                                        | R26-S1-T3                                                                               | R26-S1-T4                                                                            | R26-S1-T5                                                    | R26-S1-T6       | R26-S1-T7                   | R26-S1-T8                                                          | R26-S1-T9                                                       | R26-S1-T10                               | R26-S1-T11                                                                         | R26-S1-T12                                                   | R26-S1-T13                                               | R26-S1-T14                                             | R26-S1-T15                                                                            | R26-S1-T16        | R26-S1-T17        | R26-S1-T18        | R26-S1-T19                                       |
| R27-S1             | Riddiford Street | Rhodes St to Mein St                     | R27-S1-T1                            | R27-S1-T2                                        | R27-S1-T3                                                                               | R27-S1-T4                                                                            | R27-S1-T5                                                    | R27-S1-T6       | R27-S1-T7                   | R27-S1-T8                                                          | R27-S1-T9                                                       | R27-S1-T10                               | R27-S1-T11                                                                         | R27-S1-T12                                                   | R27-S1-T13                                               | R27-S1-T14                                             | R27-S1-T15                                                                            | R27-S1-T16        | R27-S1-T17        | R27-S1-T18        | R27-S1-T19                                       |
| R27-S2             | Riddiford Street | Mein St to John St                       | R27-S2-T1                            | R27-S2-T2                                        | R27-S2-T3                                                                               | R27-S2-T4                                                                            | R27-S2-T5                                                    | R27-S2-T6       | R27-S2-T7                   | R27-S2-T8                                                          | R27-S2-T9                                                       | R27-S2-T10                               | R27-S2-T11                                                                         | R27-S2-T12                                                   | R27-S2-T13                                               | R27-S2-T14                                             | R27-S2-T15                                                                            | R27-S2-T16        | R27-S2-T17        | R27-S2-T18        | R27-S2-T19                                       |
| R28-S1             | Rintoul Street   | Lavaud St to Luxford St                  | R28-S1-T1                            | R28-S1-T2                                        | R28-S1-T3                                                                               | R28-S1-T4                                                                            | R28-S1-T5                                                    | R28-S1-T6       | R28-S1-T7                   | R28-S1-T8                                                          | R28-S1-T9                                                       | R28-S1-T10                               | R28-S1-T11                                                                         | R28-S1-T12                                                   | R28-S1-T13                                               | R28-S1-T14                                             | R28-S1-T15                                                                            | R28-S1-T16        | R28-S1-T17        | R28-S1-T18        | R28-S1-T19                                       |
| R28-S2             | Rintoul Street   | Luxford St to Riddiford St               | R28-S2-T1                            | R28-S2-T2                                        | R28-S2-T3                                                                               | R28-S2-T4                                                                            | R28-S2-T5                                                    | R28-S2-T6       | R28-S2-T7                   | R28-S2-T8                                                          | R28-S2-T9                                                       | R28-S2-T10                               | R28-S2-T11                                                                         | R28-S2-T12                                                   | R28-S2-T13                                               | R28-S2-T14                                             | R28-S2-T15                                                                            | R28-S2-T16        | R28-S2-T17        | R28-S2-T18        | R28-S2-T19                                       |
| R29-S1             | Roy Street       | Daniell St to Mansfield St               | R29-S1-T1                            | R29-S1-T2                                        | R29-S1-T3                                                                               | R29-S1-T4                                                                            | R29-S1-T5                                                    | R29-S1-T6       | R29-S1-T7                   | R29-S1-T8                                                          | R29-S1-T9                                                       | R29-S1-T10                               | R29-S1-T11                                                                         | R29-S1-T12                                                   | R29-S1-T13                                               | R29-S1-T14                                             | R29-S1-T15                                                                            | R29-S1-T16        | R29-S1-T17        | R29-S1-T18        | R29-S1-T19                                       |
| R30-S1             | Russell Terrace  | Lavaud St to Herald St                   | R30-S1-T1                            | R30-S1-T2                                        | R30-S1-T3                                                                               | R30-S1-T4                                                                            | R30-S1-T5                                                    | R30-S1-T6       | R30-S1-T7                   | R30-S1-T8                                                          | R30-S1-T9                                                       | R30-S1-T10                               | R30-S1-T11                                                                         | R30-S1-T12                                                   | R30-S1-T13                                               | R30-S1-T14                                             | R30-S1-T15                                                                            | R30-S1-T16        | R30-S1-T17        | R30-S1-T18        | R30-S1-T19                                       |
| R30-S2             | Russell Terrace  | Herald St to Riddiford St                | R30-S2-T1                            | R30-S2-T2                                        | R30-S2-T3                                                                               | R30-S2-T4                                                                            | R30-S2-T5                                                    | R30-S2-T6       | R30-S2-T7                   | R30-S2-T8                                                          | R30-S2-T9                                                       | R30-S2-T10                               | R30-S2-T11                                                                         | R30-S2-T12                                                   | R30-S2-T13                                               | R30-S2-T14                                             | R30-S2-T15                                                                            | R30-S2-T16        | R30-S2-T17        | R30-S2-T18        | R30-S2-T19                                       |
| R31-S1             | Stanley Street   | Duppa St to Macalister Park              | R31-S1-T1                            | R31-S1-T2                                        | R31-S1-T3                                                                               | R31-S1-T4                                                                            | R31-S1-T5                                                    | R31-S1-T6       | R31-S1-T7                   | R31-S1-T8                                                          | R31-S1-T9                                                       | R31-S1-T10                               | R31-S1-T11                                                                         | R31-S1-T12                                                   | R31-S1-T13                                               | R31-S1-T14                                             | R31-S1-T15                                                                            | R31-S1-T16        | R31-S1-T17        | R31-S1-T18        | R31-S1-T19                                       |
| R32-S1             | Stoke Street     | Hanson St to Adelaide Rd                 | R32-S1-T1                            | R32-S1-T2                                        | R32-S1-T3                                                                               | R32-S1-T4                                                                            | R32-S1-T5                                                    | R32-S1-T6       | R32-S1-T7                   | R32-S1-T8                                                          | R32-S1-T9                                                       | R32-S1-T10                               | R32-S1-T11                                                                         | R32-S1-T12                                                   | R32-S1-T13                                               | R32-S1-T14                                             | R32-S1-T15                                                                            | R32-S1-T16        | R32-S1-T17        | R32-S1-T18        | R32-S1-T19                                       |
| R32-S2             | Stoke Street     | Adelaide Rd to Rintoul St                | R32-S2-T1                            | R32-S2-T2                                        | R32-S2-T3                                                                               | R32-S2-T4                                                                            | R32-S2-T5                                                    | R32-S2-T6       | R32-S2-T7                   | R32-S2-T8                                                          | R32-S2-T9                                                       | R32-S2-T10                               | R32-S2-T11                                                                         | R32-S2-T12                                                   | R32-S2-T13                                               | R32-S2-T14                                             | R32-S2-T15                                                                            | R32-S2-T16        | R32-S2-T17        | R32-S2-T18        | R32-S2-T19                                       |
| R33-S1             | Taramaki Street  | Hankey St to Kero Dr (SH1)               | R33-S1-T1                            | R33-S1-T2                                        | R33-S1-T3                                                                               | R33-S1-T4                                                                            | R33-S1-T5                                                    | R33-S1-T6       | R33-S1-T7                   | R33-S1-T8                                                          | R33-S1-T9                                                       | R33-S1-T10                               | R33-S1-T11                                                                         | R33-S1-T12                                                   | R33-S1-T13                                               | R33-S1-T14                                             | R33-S1-T15                                                                            | R33-S1-T16        | R33-S1-T17        | R33-S1-T18        | R33-S1-T19                                       |
| R34-S1             | Tasman Street    | John St to Pukeahu National War Memorial | R34-S1-T1                            | R34-S1-T2                                        | R34-S1-T3                                                                               | R34-S1-T4                                                                            | R34-S1-T5                                                    | R34-S1-T6       | R34-S1-T7                   | R34-S1-T8                                                          | R34-S1-T9                                                       | R34-S1-T10                               | R34-S1-T11                                                                         | R34-S1-T12                                                   | R34-S1-T13                                               | R34-S1-T14                                             | R34-S1-T15                                                                            | R34-S1-T16        | R34-S1-T17        | R34-S1-T18        | R34-S1-T19                                       |
| R35-S1             | Wallace Street   | John St to Hargreaves St                 | R35-S1-T1                            | R35-S1-T2                                        | R35-S1-T3                                                                               | R35-S1-T4                                                                            | R35-S1-T5                                                    | R35-S1-T6       | R35-S1-T7                   | R35-S1-T8                                                          | R35-S1-T9                                                       | R35-S1-T10                               | R35-S1-T11                                                                         | R35-S1-T12                                                   | R35-S1-T13                                               | R35-S1-T14                                             | R35-S1-T15                                                                            | R35-S1-T16        | R35-S1-T17        | R35-S1-T18        | R35-S1-T19                                       |
| R35-S2             | Wallace Street   | Hargreaves St to Hankey St               | R35-S2-T1                            | R35-S2-T2                                        | R35-S2-T3                                                                               | R35-S2-T4                                                                            | R35-S2-T5                                                    | R35-S2-T6       | R35-S2-T7                   | R35-S2-T8                                                          | R35-S2-T9                                                       | R35-S2-T10                               | R35-S2-T11                                                                         | R35-S2-T12                                                   | R35-S2-T13                                               | R35-S2-T14                                             | R35-S2-T15                                                                            | R35-S2-T16        | R35-S2-T17        | R35-S2-T18        | R35-S2-T19                                       |
| R36-S1             | Warrior! Street  | Russell Tree to Rintoul St               | R36-S1-T1                            | R36-S1-T2                                        | R36-S1-T3                                                                               | R36-S1-T4                                                                            | R36-S1-T5                                                    | R36-S1-T6       | R36-S1-T7                   | R36-S1-T8                                                          | R36-S1-T9                                                       | R36-S1-T10                               | R36-S1-T11                                                                         | R36-S1-T12                                                   | R36-S1-T13                                               | R36-S1-T14                                             | R36-S1-T15                                                                            | R36-S1-T16        | R36-S1-T17        | R36-S1-T18        | R36-S1-T19                                       |
| R36-S2             | Warrior! Street  | Rintoul St to Adelaide Rd                | R36-S2-T1                            | R36-S2-T2                                        | R36-S2-T3                                                                               | R36-S2-T4                                                                            | R36-S2-T5                                                    | R36-S2-T6       | R36-S2-T7                   | R36-S2-T8                                                          | R36-S2-T9                                                       | R36-S2-T10                               | R36-S2-T11                                                                         | R36-S2-T12                                                   | R36-S2-T13                                               | R36-S2-T14                                             | R36-S2-T15                                                                            | R36-S2-T16        | R36-S2-T17        | R36-S2-T18        | R36-S2-T19                                       |
| R36-S3             | Warrior! Street  | Adelaide Rd to Macalister Park           | R36-S3-T1                            | R36-S3-T2                                        | R36-S3-T3                                                                               | R36-S3-T4                                                                            | R36-S3-T5                                                    | R36-S3-T6       | R36-S3-T7                   | R36-S3-T8                                                          | R36-S3-T9                                                       | R36-S3-T10                               | R36-S3-T11                                                                         | R36-S3-T12                                                   | R36-S3-T13                                               | R36-S3-T14                                             | R36-S3-T15                                                                            | R36-S3-T16        | R36-S3-T17        | R36-S3-T18        | R36-S3-T19                                       |
| R37-S1             | Wilson Street    | Daniell St to Riddiford St               | R37-S1-T1                            | R37-S1-T2                                        | R37-S1-T3                                                                               | R37-S1-T4                                                                            | R37-S1-T5                                                    | R37-S1-T6       | R37-S1-T7                   | R37-S1-T8                                                          | R37-S1-T9                                                       | R37-S1-T10                               | R37-S1-T11                                                                         | R37-S1-T12                                                   | R37-S1-T13                                               | R37-S1-T14                                             | R37-S1-T15                                                                            | R37-S1-T16        | R37-S1-T17        | R37-S1-T18        | R37-S1-T19                                       |

Phase 1: Long List of Off-Road Routes and Treatment Options

| Section Identifier | Route                        | Section Description                                                                                              | Option Identifier  |                      |                               |                                 |
|--------------------|------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------|----------------------|-------------------------------|---------------------------------|
|                    |                              |                                                                                                                  | 20                 | 21                   | 22                            | 23                              |
|                    |                              |                                                                                                                  | Off-Road Bike Path | Off-Road Shared Path | Off-Road Bike Track (unpaved) | Off-Road Shared Track (unpaved) |
| R38-S1             | Berhampore Golf Course East  | Adelaide Rd (at Dover St) to Martin Luckie Park (at south side)                                                  | R38-S1-T20         | R38-S1-T21           | R38-S1-T22                    | R38-S1-T23                      |
| R38-S2             | Berhampore Golf Course East  | Martin Luckie Park (at south side) to #36 Lavaud St                                                              | R38-S2-T20         | R38-S2-T21           | R38-S2-T22                    | R38-S2-T23                      |
| R38-S3             | Berhampore Golf Course East  | Martin Luckie Park (at south side) to Lavaud St (at Russell Tee)                                                 | R38-S3-T20         | R38-S3-T21           | R38-S3-T22                    | R38-S3-T23                      |
| R39-S1             | Berhampore Golf Course West  | Adelaide Rd (at Dover St) to Wakefield Park (at northwest corner)                                                | R39-S1-T20         | R39-S1-T21           | R39-S1-T22                    | R39-S1-T23                      |
| R39-S2             | Berhampore Golf Course West  | #572 Adelaide Rd to Wakefield Park (at northwest corner)                                                         | R39-S2-T20         | R39-S2-T21           | R39-S2-T22                    | R39-S2-T23                      |
| R39-S3             | Berhampore Golf Course West  | Wakefield Park (at northwest corner) to Stanley St (at Duppa St)                                                 | R39-S3-T20         | R39-S3-T21           | R39-S3-T22                    | R39-S3-T23                      |
| R39-S4             | Berhampore Golf Course West  | Stanley St (at Duppa St) to #135 Britomart St                                                                    | R39-S4-T20         | R39-S4-T21           | R39-S4-T22                    | R39-S4-T23                      |
| R40-S1             | Central Park                 | Brooklyn Rd (at Bidwill St) to #22 Brooklyn Rd                                                                   | R40-S1-T20         | R40-S1-T21           | R40-S1-T22                    | R40-S1-T23                      |
| R41-S1             | Liardet Street Park          | Britomart St (at Farnham St) to Macalister Park (north side of off-leash dog exercise area)                      | R41-S1-T20         | R41-S1-T21           | R41-S1-T22                    | R41-S1-T23                      |
| R42-S1             | Macalister Park              | #18 Palm Grove to #1 Stanley St                                                                                  | R42-S1-T20         | R42-S1-T21           | R42-S1-T22                    | R42-S1-T23                      |
| R42-S2             | Macalister Park              | #1 Stanley St to Macalister Park (at north side of off-leash dog exercise area)                                  | R42-S2-T20         | R42-S2-T21           | R42-S2-T22                    | R42-S2-T23                      |
| R42-S3             | Macalister Park              | #95 Waripori St to Macalister Park (at north side of off-leash dog exercise area)                                | R42-S3-T20         | R42-S3-T21           | R42-S3-T22                    | R42-S3-T23                      |
| R42-S4             | Macalister Park              | Macalister Park (at north side of off-leash dog exercise area) to Macalister Park (at southwest corner of field) | R42-S4-T20         | R42-S4-T21           | R42-S4-T22                    | R42-S4-T23                      |
| R42-S5             | Macalister Park              | Macalister Park (at north side of off-leash dog exercise area) to Macalister Park (at south end of field)        | R42-S5-T20         | R42-S5-T21           | R42-S5-T22                    | R42-S5-T23                      |
| R42-S6             | Macalister Park              | Macalister Park (at southwest corner of field) to Macalister Park (at south end of field)                        | R42-S6-T20         | R42-S6-T21           | R42-S6-T22                    | R42-S6-T23                      |
| R42-S7             | Macalister Park              | Macalister Park (at south end of field) to #417 Adelaide Rd                                                      | R42-S7-T20         | R42-S7-T21           | R42-S7-T22                    | R42-S7-T23                      |
| R42-S8             | Macalister Park              | Macalister Park (at southwest corner of field) to #220 Hanson St                                                 | R42-S8-T20         | R42-S8-T21           | R42-S8-T22                    | R42-S8-T23                      |
| R42-S9             | Macalister Park              | #417 Adelaide Rd to #366 Adelaide Rd                                                                             | R42-S9-T20         | R42-S9-T21           | R42-S9-T22                    | R42-S9-T23                      |
| R43-S1             | Mercy Park                   | #38 Daniell St to #22 Emmett St                                                                                  | R43-S1-T20         | R43-S1-T21           | R43-S1-T22                    | R43-S1-T23                      |
| R44-S1             | Prince of Wales Park         | Westland Rd to Brooklyn Rd (at Bidwill St)                                                                       | R44-S1-T20         | R44-S1-T21           | R44-S1-T22                    | R44-S1-T23                      |
| R45-S1             | Rugby League Park            | #220 Hanson St to Hutchison Rd (Tre Whaea Artificial Turf)                                                       | R45-S1-T20         | R45-S1-T21           | R45-S1-T22                    | R45-S1-T23                      |
| R46-S1             | Wellington Regional Hospital | Mein St to Hospital Rd/Riddiford St                                                                              | R46-S1-T20         | R46-S1-T21           | R46-S1-T22                    | R46-S1-T23                      |