

**PART J: PROPOSED CONDITIONS**
**30. PROPOSED DESIGNATION CONDITIONS**
**30.1. Introduction**

The NZTA has proposed a suite of conditions to be attached to the designations to manage the effects of the Project. These are outlined below.

**30.2. Guide to reading the conditions**

The proposed suite of conditions to manage effects of the Project has been numbered in order to eliminate confusion with resource consent conditions and specifically to avoid multiple 'Condition 1' and so forth. The numbering format is as follows:

Set of proposed conditions	Numbering format
Designation conditions	DC.1, DC.2 and so on.

The table below provides explanation to a number of the acronyms and terms used in the conditions:

Definitions	
AEE	Means the CSM2 and MSRFL ("Project") Assessment of Effects on the Environment (Volume 2) dated November 2012
BPO	Means the Best Practicable Option
CCC	Means the Christchurch City Council
CEMP	Means the Construction Environmental Management Plan
City	Means the Christchurch City
Commencement of Works	Means the time when the works that are authorised by the designations commence
Council	Means the relevant territorial authority (Selwyn District Council or Christchurch City Council)
District	Means the Selwyn District
District Plan	Means the relevant territorial authority district plan (Selwyn District Plan or Christchurch City Plan)

Definitions	
Highly sensitive air pollution land use	Means residential properties, premises used primarily as temporary accommodation (such as hotels, motels and camping grounds), hospitals, schools, early childhood education centres, childcare facilities, rest homes, public open space used for recreation, the conservation estate, marae and other similar cultural facilities
Manager	Means the Regulatory Manager of the relevant territorial authority (Selwyn District Council or Christchurch City Council)
Noise Criteria Categories	Means the groups of preference for time-averaged sound levels established in accordance with NZS 6806:2010 when determining the BPO mitigation option, i.e. Category A – primary noise criterion, Category B – secondary noise criterion and Category C – internal noise criterion
NZS 6806:2010	Means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads
PPFs	Means only the premises and facilities identified in green, orange or red in the Assessment of Operational Noise Effects dated November 2012, submitted with the Notice of Requirement
Project	Means the widening and upgrading of SH1 Main South Road between Robinsons Road and Rolleston to provide a four-lane median separated expressway (Main South Road Four Laning known as MSRFL) and the construction, operation and maintenance of the Christchurch Southern Motorway Stage 2 (CSM2) and includes associated local road works, including new rear access roads
Requiring Authority	Means the New Zealand Transport Agency
Road Controlling Authority	Means the relevant Road Controlling Authority (Selwyn District Council or Christchurch City Council)
RMA	Means the Resource Management Act 1991
SDC	Means the Selwyn District Council
SEMP	Means Specialised Environmental Management Plan
Structural Mitigation	Has the same meaning as in NZS 6806:2010

Definitions	
Territorial authority	Means the relevant territorial authority (Selwyn District Council or Christchurch City Council)
Work	Means any activity or activities undertaken in relation to the construction and operation of the Project

### 30.3. Proposed designation conditions

Ref	Draft conditions
	General and Administration

Ref	Draft conditions
DC.1	<p>Except as modified by the conditions below, and subject to final design, the Project shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notices of Requirement dated November 2012 and supporting documents being:</p> <ul style="list-style-type: none"> <li>a) Assessment of Environmental Effects report, dated November 2012;</li> <li>b) Plan sets: <ul style="list-style-type: none"> <li>i. Layout Plans: 62236-A-C020-C029 &amp; 62236-B-C020-C038</li> <li>ii. Plan and Longitudinal Sections: 62236-A-C100-C133 &amp; 62236-B-C101-C163</li> <li>iii. Typical Cross Sections: 62236-A-C171-C173 &amp; 62236-B-C171-C173</li> <li>iv. Pavement Surfaces: 62236-A-C250-C253 &amp; 62236-B-C250-C255</li> <li>v. Cycle Path Plans: 62236-B-C315-C316</li> <li>vi. Drainage Layout Plans: 62236-A-C401-C412 &amp; 62236-B-C401-C426</li> <li>vii. Drainage Details: 62236-A-C451-C463 &amp; 62236-B-C451-C466</li> <li>viii. Signage Plans: 62236-A-C501-C508 &amp; 62236-B-C501-C517</li> <li>ix. Land Requirement Plans: 62236-A-C1101-C1110 &amp; 62236-B-C1101-C1118</li> <li>x. Structural Plans: 62236-B-S000-S083</li> <li>xi. Landscape Planting Plans: 62236-A-L011-L018 &amp; 62236-B-L011-L024</li> <li>xii. Lighting Plans: 16.001630, sheets 1-20</li> </ul> </li> </ul> <p><b>Advice Notes:</b></p> <p><i>For the avoidance of doubt, none of these conditions prevent or apply to works required for the ongoing operation or maintenance of the Project following construction, such as changes to street furniture or signage over time. Depending upon the nature of such works, Outline Plans or Outline Plan waivers may be required for any such works.</i></p> <p><i>The documentation provided in support of the Notices of Requirement for the designations contains all the information that would be required to be provided with an Outline Plan under Section 176A of the RMA, therefore no separate Outline Plans for construction will be submitted.</i></p> <p><i>An Outline Plan may be prepared and submitted for any works not included within Condition DC.1 in accordance with the requirements of Section 176A of the RMA.</i></p>

Ref	Draft conditions
DC.2	<p>As soon as practicable following completion of construction of the Project, the Requiring Authority shall:</p> <ul style="list-style-type: none"> <li>a) Review the width of the area designated for the Project;</li> <li>b) Identify any areas of designated land that are no longer necessary for the ongoing operation, or maintenance of the Project or for ongoing mitigation measures; and</li> <li>c) Give notice to the Council in accordance with Section 182 of the RMA for the removal of those parts of the designation identified in Condition DC.2(b) above.</li> </ul>
DC.3	<p>The designation shall lapse if not given effect to within 15 years from the date on which it is included in the District Plan under Section 175 of the RMA.</p>
<p><b>Communications and Public Liaison - Construction</b></p>	
DC.4	<p>The Requiring Authority shall appoint a liaison person for the duration of the construction phase of the Project to be the main and readily accessible point of contact at all times for persons affected by the construction work. The Requiring Authority shall take appropriate steps to advise all affected parties of the liaison person's name and contact details. The Project contact person shall be reasonably available by telephone during the construction phase of the Project. If the liaison person will not be available for any reason, an alternative contact person shall be nominated.</p>

Ref	Draft conditions
DC.5	<p>Prior to the commencement of works, the Requiring Authority shall prepare and implement a Communications Plan that sets out procedures detailing how the public and stakeholders will be communicated with throughout the construction period. As a minimum, the Communications Plan shall include:</p> <ol style="list-style-type: none"> <li>i. details of a public liaison person available at all times during works. Contact details shall be prominently displayed at the site office so that they are clearly visible to the public at all times;</li> <li>ii. methods to consult on and to communicate details of the proposed construction activities to surrounding residential communities, and methods to deal with concerns raised;</li> <li>iii. methods to record feedback raised about construction activities;</li> <li>iv. any stakeholder specific communication plans;</li> <li>v. monitoring and review procedures for the Communication Plan;</li> <li>vi. details of communications activities proposed which may include: <ul style="list-style-type: none"> <li>• Publication of a newsletter, or similar, and its proposed delivery area.</li> <li>• Newspaper advertising.</li> <li>• Website.</li> <li>• Notification of surrounding properties within 200 metres of construction activities and consultation with individual property owners and occupiers with dwellings within 20 metres of construction activities.</li> </ul> </li> </ol> <p>The Communications Plan shall include linkages and cross-references to methods set out in other management plans where relevant. The Requiring Authority shall provide the Communications Plan to the Manager at least 15 working days prior to the commencement of works.</p>

Ref	Draft conditions
DC.6	<p>The Requiring Authority shall establish a Community Liaison Group(s) (CLG) at least 30 working days prior to the commencement of works.</p> <p>The purpose of the CLG shall be to provide a regular forum through which information about the Project can be provided to the community, and an opportunity for concerns and issues to be raised with the Requiring Authority.</p> <p>The CLG shall consist of a maximum of eight persons with a preference for representatives from the following groups:</p> <ul style="list-style-type: none"> <li>i. Selwyn District Council;</li> <li>ii. Christchurch City Council;</li> <li>iii. Educational facilities surrounding the Project area (schools, kindergartens, childcare facilities);</li> <li>iv. Community/ environmental groups; and</li> <li>v. The Project liaison person, appointed in accordance with Condition DC.4.</li> </ul> <p>The CLG will be offered the opportunity of meeting at least once every three months or as requested throughout the construction period, so that ongoing information can be disseminated and discussed, at the Requiring Authority's expense.</p>
	<p><b>Management Plans - General</b></p>
DC.7	<p>At least three months prior to the commencement of works, the Requiring Authority shall submit information to the Manager to demonstrate that the proposed certifier of the management plans (required by Condition DC.8) is independent, suitably qualified and experienced. If no response is provided by the Council within 10 working days of the Requiring Authority sending the information, the person shall be deemed to be approved by the Council.</p> <p>If the Manager does not approve the person(s) proposed by the Requiring Authority, reasons should be provided to indicate why the person(s) is not considered to be suitable.</p> <p>With the prior agreement of the Manager, the independent certifier may be changed at any stage in the Project.</p>

Ref	Draft conditions
DC.8	<p>a) All works shall be carried out in general accordance with the Construction Environmental Management Plan and relevant Specialised Environmental Management Plans (“SEMPs”) required by these designation conditions. The draft management plans lodged with the Notices of Requirement that are listed below in this condition shall be updated and finalised by the Requiring Authority:</p> <ul style="list-style-type: none"> <li>i. Construction Environmental Management Plan (“CEMP”)</li> <li>ii. SEMP 001 Air Quality Management Plan</li> <li>iii. SEMP 003 Construction Noise and Vibration Management Plan</li> <li>iv. SEMP 004 Construction Traffic Management Plan</li> <li>v. SEMP 005 Landscape Management Plan</li> </ul> <p>b) The management plans shall be certified by an independent, suitably qualified and experienced person(s) (approved by the Manager as being competent and suitable to provide such certification as per Condition DC.7), at least 40 working days prior to the commencement of construction of the relevant stage or stages of work. Unless advised to the contrary to the Requiring Authority within 20 working days after receipt of the relevant management plan(s), the management plan(s) shall be deemed to be certified.</p> <p>c) This certification shall be provided to the Manager at least 10 working days prior to the commencement of construction of the relevant stage or stages of work.</p> <p>d) Where a management plan(s) is to be submitted in a staged manner as a result of the staging of construction works, information about the proposed staging shall be submitted as part of the CEMP.</p>
DC.9	<p>Works shall not proceed until the relevant management plans and certification described in Condition DC.8 have been received and acknowledged in writing by the Manager. If written acknowledgement is not provided by the Council within 10 working days of the Requiring Authority sending the certification, the certification shall be deemed to be confirmed.</p>
DC.10	<p>The Requiring Authority may make reasonable amendments to the management plans at any time. Any changes to the management plans shall remain consistent with the overall intent of the relevant management plan and shall be certified by the agreed independent certifier, as per the requirements outlined in Condition DC.8. The Requiring Authority shall provide a copy of any such amendment to the management plans and the certification to Council for information, prior to giving effect to the amendment.</p>
DC.11	<p>All operational personnel involved with the construction of the Project shall be made aware of, and have access to, all conditions and management plans applicable to the construction, maintenance and operation of the Project. A copy shall be kept on site at all times.</p>



Ref	Draft conditions
	Construction Environmental Management Plan
DC.12	<p>The Requiring Authority shall finalise the CEMP submitted with the application and this shall be certified in accordance with Condition DC.8. The certification shall confirm that the CEMP:</p> <ol style="list-style-type: none"> <li>a) is generally consistent with the draft CEMP submitted with the application; and</li> <li>b) addresses the matters set out in Condition DC.13 below.</li> </ol>
DC.13	<p>The CEMP shall include, but need not be limited to, the following:</p> <ol style="list-style-type: none"> <li>a) General:           <ul style="list-style-type: none"> <li>• CEMP purpose;</li> <li>• Project details including anticipated construction activities;</li> <li>• CEMP Objectives and Policies;</li> </ul> </li> <li>b) Environmental Management:           <ul style="list-style-type: none"> <li>• Existing environment characteristics;</li> <li>• Environmental issues anticipated during construction;</li> <li>• Environmental management approach and methods and measures to avoid and mitigate adverse environmental effects arising from construction work;</li> <li>• Mitigation/contingency measures;</li> </ul> </li> <li>c) CEMP Requirements:           <ul style="list-style-type: none"> <li>• Roles and responsibilities;</li> <li>• Training and education;</li> <li>• Monitoring, maintenance, audit and reporting;</li> <li>• Corrective action and emergency contacts and response;</li> <li>• Feedback management;</li> <li>• CEMP revision and compliance issue resolution processes;</li> </ul> </li> <li>d) Activity Specific Requirements:           <ol style="list-style-type: none"> <li>i) <i>Hazardous Substances</i>                The CEMP shall describe measures to avoid, remedy or mitigate the effects of the use and storage of hazardous substances during construction of the Project and the transportation, disposal and tracking of materials taken away. This shall include:               <ol style="list-style-type: none"> <li>a) the types and volumes of hazardous substances stored during the construction phase;</li> <li>b) the equipment, systems and procedures to be used to minimise the risk of spills or leaks of hazardous substances;</li> <li>c) the spill management and containment equipment to be maintained at all times on site, and its location;</li> </ol> </li> </ol> </li> </ol>

Ref	Draft conditions
	<p>d) procedures for containing, managing, cleaning and disposing of any spill or leak of contaminated material from the site (spill kits);</p> <p>e) procedures to notify and report to Council within 24 hours of a spill or leak involving 10 litres or more occurring, including a maintained schedule of emergency contact names and numbers; and</p> <p>f) procedures to be followed to identify causes of spills or leaks and to prevent their recurrence.</p> <p><i>ii) Network Utilities</i></p> <p>The CEMP shall outline methods to address the safety, integrity, protection or where necessary the relocation of existing network utilities. This shall include:</p> <p>a) measures to be used to accurately identify the location of existing network utilities;</p> <p>b) measures for the protection, relocation and/or reinstatement of existing network utilities;</p> <p>c) measures to ensure the continued operation and supply of existing infrastructure services which may include, but not be limited to, electricity lines, telecommunications cables, sewer pipes and water supply;</p> <p>d) measures to provide for the safe operation of plant and equipment, and the safety of workers and other persons, in proximity to existing live network utilities;</p> <p>e) measures to provide for access to network utilities at reasonable times;</p> <p>f) measures to manage potential induction hazards to existing network utilities;</p> <p>g) earthworks management (including depth and extent of earthworks) and management of dust, for earthworks in close proximity to existing network utilities (in particular compliance with New Zealand Electrical Code of Practice for Electrical Safe Distances – NZECP 34:2001);</p> <p>h) Vibration management for works in close proximity to existing network utilities; and</p> <p>i) Emergency management procedures in the event of any emergency involving existing network utilities.</p> <p><i>iii) Construction Lighting</i></p> <p>The CEMP shall identify measures to avoid, remedy or mitigate the effects of construction lighting. This shall include:</p> <p>a) in areas adjacent to residences, all security and construction lighting shall be installed so that it can be shielded, or directed to the required work area to minimise light spill, glare and upward waste beyond the site so far as it is reasonably practical and to achieve compliance with relevant District Plan standards; and</p>

Ref	Draft conditions
	<p>b) careful consideration to the location of site offices to ensure there is no obtrusive lighting effects to nearby residences;</p> <p>iv) <i>Cultural/ Archaeology and Heritage Management</i></p> <p>The CEMP shall incorporate the Accidental Discovery Protocol covering NZTA New Zealand Regions 11 (Canterbury) and 12 (West Coast) and the Ngai Tahu Koiwi Tangata Policy 1993.</p> <p><b>Advice Note:</b></p> <p><i>The use and storage of hazardous substances will be compliant with the relevant provisions of the Hazardous Substances and New Organisms Act 1996.</i></p>
	<p><b>Air Quality Management Plan - Construction</b></p>
DC.14	<p>The Requiring Authority shall finalise the Air Quality Management Plan (SEMP 001) submitted with the application.</p> <p>The Air Quality Management Plan shall be certified (as a requirement of Condition DC.8) to confirm that the Air Quality Management Plan:</p> <ul style="list-style-type: none"> <li>a) is generally consistent with the draft Air Quality Management Plan submitted with the application; and</li> <li><b>b)</b> addresses all the matters listed in Condition DC.15 below.</li> </ul>

Ref	Draft conditions
DC.15	<p>The Air Quality Management Plan (SEMP 001) shall describe the measures to be adopted that, so far as practicable, reduce the dust or fumes arising as a result of the construction of the Project at any point beyond the designation boundary that borders a highly sensitive air pollution land use.</p> <p>The Air Quality Management Plan shall include, but need not be limited to, the following:</p> <ul style="list-style-type: none"> <li>i. Description of the works, and sources of dust and fumes;</li> <li>ii. Identification of periods of time when emissions of dust or fumes might arise from construction activities;</li> <li>iii. Identification of highly sensitive air pollution land uses likely to be adversely affected by emissions of dust or fumes from construction activities;</li> <li>iv. Methods for managing dust emitted from construction yards, haul roads, stock-piles and construction site exits used by trucks;</li> <li>v. Methods for maintaining and operating construction equipment and vehicles in order to minimise vehicle emissions from exhaust tailpipes;</li> <li>vi. Methods for monitoring dust and fumes during construction, including visual inspections of dust sources and dust generating activities, visual inspections of management measures, checking weather forecasts and observing weather conditions;</li> <li>vii. Methods for undertaking and reporting on the results of daily inspections of construction activities that might give rise to dust or fumes; and</li> <li>viii. Procedures for maintaining contact with stakeholders, notifying of proposed construction activities and handling feedback about dust or fumes.</li> </ul>
	<b>Noise and Vibration – Construction</b>
DC.16	<p>The Requiring Authority shall finalise the Construction Noise and Vibration Management Plan (SEMP 003) submitted with the application.</p> <p>The Construction Noise and Vibration Management Plan shall be certified (as a requirement of Condition DC.8), to confirm that the Construction Noise and Vibration Management Plan:</p> <ul style="list-style-type: none"> <li>a) is generally consistent with the draft Construction Noise and Vibration Management Plan submitted with the application; and</li> <li>b) addresses all the matters listed in Condition DC.17 below.</li> </ul>

Ref	Draft conditions
DC.17	<p>The Construction Noise and Vibration Management Plan (SEMP 003) shall describe the measures adopted to, as far as practicable, meet:</p> <ol style="list-style-type: none"> <li>a) The noise criteria set out in Condition DC.19. Where it is not practicable to achieve those criteria, alternative strategies should be described to address the effects of noise on neighbours.</li> <li>b) The Category A vibration criteria set out in Condition DC.20. Where it is not practicable to achieve those criteria, a suitably qualified acoustic expert shall be engaged to assess and manage construction vibration during the activities that exceed the Category A criteria. If predicted construction vibration levels exceed Category B criteria, then construction activity should only proceed if approved by the independent, suitably qualified certifier and if there is appropriate monitoring of vibration levels and effects on buildings at risk of exceeding the Category B criteria, by suitably qualified experts.</li> </ol> <p>The Construction Noise and Vibration Management Plan shall include, but need not be limited to, the following:</p> <ol style="list-style-type: none"> <li>i. Description of the works, anticipated equipment/ processes and their scheduled durations;</li> <li>ii. Hours of operation, including times and days when construction activities causing noise and/or vibration would occur;</li> <li>iii. The construction noise and vibration criteria for the Project;</li> <li>iv. Identification of affected dwellings and other sensitive locations where noise and vibration criteria apply;</li> <li>v. Mitigation options, including alternative strategies where full compliance with the relevant noise and/or vibration criteria cannot be achieved;</li> <li>vi. Details of which road traffic noise mitigation options as required by Condition DC.18 will be implemented early enough to also mitigate construction noise;</li> <li>vii. Requirement for management schedules containing site specific information;</li> <li>viii. Methods and frequency for monitoring and reporting on construction noise and vibration;</li> <li>ix. Procedures and methods for maintaining contact with stakeholders, notifying of proposed construction activities and handling noise and vibration complaints;</li> <li>x. Construction equipment operator training procedures and expected construction site behaviours; and</li> <li>xi. Contact numbers for key construction staff, staff responsible for noise and vibration assessment and Council officers.</li> </ol>

Ref	Draft conditions
DC.18	The Requiring Authority should, where practicable, implement the Structural Mitigation measures for operational traffic noise, detailed in Condition DC.21, which are identified in the Construction Noise and Vibration Management Plan (SEMP 003) as traffic noise mitigation measures which will also mitigate construction noise, prior to commencing construction works that would be attenuated by these mitigation measures.

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DC.19	Construction noise shall be measured and assessed in accordance with NZS 6803:1999 'Acoustics – Construction Noise'. The construction noise criteria for the purposes of the Construction Noise and Vibration Management Plan (SEMP 003) are:																																																									
	Time of week	Time period	“Long-term” duration construction (dBA)																																																							
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;"><math>L_{Aeq}</math></th> <th style="width: 20%; text-align: center;"><math>L_{AFmax}</math></th> </tr> </thead> <tbody> <tr> <td colspan="3" style="background-color: #d9d9d9;">Noise criteria at residential buildings</td> </tr> <tr> <td rowspan="4">Weekdays</td> <td>0630-0730</td> <td style="text-align: center;">55</td> <td style="text-align: center;">75</td> </tr> <tr> <td>0730-1800</td> <td style="text-align: center;">70</td> <td style="text-align: center;">85</td> </tr> <tr> <td>1800-2000</td> <td style="text-align: center;">65</td> <td style="text-align: center;">80</td> </tr> <tr> <td>2000-0630</td> <td style="text-align: center;">45</td> <td style="text-align: center;">75</td> </tr> <tr> <td rowspan="4">Saturdays</td> <td>0630-0730</td> <td style="text-align: center;">45</td> <td style="text-align: center;">75</td> </tr> <tr> <td>0730-1800</td> <td style="text-align: center;">70</td> <td style="text-align: center;">85</td> </tr> <tr> <td>1800-2000</td> <td style="text-align: center;">45</td> <td style="text-align: center;">75</td> </tr> <tr> <td>2000-0630</td> <td style="text-align: center;">45</td> <td style="text-align: center;">75</td> </tr> <tr> <td rowspan="4">Sundays and public holidays</td> <td>0630-0730</td> <td style="text-align: center;">45</td> <td style="text-align: center;">75</td> </tr> <tr> <td>0730-1800</td> <td style="text-align: center;">55</td> <td style="text-align: center;">85</td> </tr> <tr> <td>1800-2000</td> <td style="text-align: center;">45</td> <td style="text-align: center;">75</td> </tr> <tr> <td>2000-0630</td> <td style="text-align: center;">45</td> <td style="text-align: center;">75</td> </tr> <tr> <td colspan="3" style="background-color: #d9d9d9;">Noise criteria at commercial/ industrial buildings</td> </tr> <tr> <td rowspan="2">Any day</td> <td>0730-1800</td> <td style="text-align: center;">70</td> <td style="text-align: center;">-</td> </tr> <tr> <td>1800-0730</td> <td style="text-align: center;">75</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>		$L_{Aeq}$	$L_{AFmax}$	Noise criteria at residential buildings			Weekdays	0630-0730	55	75	0730-1800	70	85	1800-2000	65	80	2000-0630	45	75	Saturdays	0630-0730	45	75	0730-1800	70	85	1800-2000	45	75	2000-0630	45	75	Sundays and public holidays	0630-0730	45	75	0730-1800	55	85	1800-2000	45	75	2000-0630	45	75	Noise criteria at commercial/ industrial buildings			Any day	0730-1800	70	-	1800-0730	75	-
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DC.20	<p>Construction vibration shall be measured in accordance with ISO 4866:2012 “Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures”. The construction vibration criteria for the purposes of the Construction Noise and Vibration Management Plan (SEMP 003) are:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #1a3d54; color: white;">Receiver</th> <th style="background-color: #1a3d54; color: white;">Details</th> <th style="background-color: #1a3d54; color: white;">Category A</th> <th style="background-color: #1a3d54; color: white;">Category B</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Occupied dwellings</td> <td>Night-time 2000h - 0630h</td> <td>0.3 mm/s PPV</td> <td>1 mm/s PPV</td> </tr> <tr> <td>Daytime 0630h - 2000h</td> <td>1 mm/s PPV</td> <td>5 mm/s PPV</td> </tr> <tr> <td>Other occupied buildings*</td> <td>Daytime 0630h - 2000h</td> <td>2 mm/s PPV</td> <td>5 mm/s PPV</td> </tr> <tr> <td rowspan="2">All other buildings</td> <td>Vibration - transient</td> <td rowspan="2">5 mm/s PPV</td> <td>BS 5228-2:2009, Table B.2</td> </tr> <tr> <td>Vibration – continuous</td> <td>BS 5228-2:2009, 50% of Table B.2</td> </tr> </tbody> </table> <p>* ‘Other occupied buildings’ is intended to include daytime workplaces such as offices, community centres etc., and not industrial buildings. Schools, hospitals, rest homes etc. would fall under the occupied dwellings category.</p>	Receiver	Details	Category A	Category B	Occupied dwellings	Night-time 2000h - 0630h	0.3 mm/s PPV	1 mm/s PPV	Daytime 0630h - 2000h	1 mm/s PPV	5 mm/s PPV	Other occupied buildings*	Daytime 0630h - 2000h	2 mm/s PPV	5 mm/s PPV	All other buildings	Vibration - transient	5 mm/s PPV	BS 5228-2:2009, Table B.2	Vibration – continuous	BS 5228-2:2009, 50% of Table B.2
Receiver	Details	Category A	Category B																			
Occupied dwellings	Night-time 2000h - 0630h	0.3 mm/s PPV	1 mm/s PPV																			
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	Noise and Vibration Management - Operation																					



Ref	Draft conditions
DC.21	<p>Design of all Structural Mitigation measures (the “Preferred Mitigation Options”) listed in this condition shall be undertaken by a suitably qualified acoustic specialist prior to commencement of construction of the measures, and shall include, as a minimum, the following traffic noise mitigation measures:</p> <ul style="list-style-type: none"> <li>a) Noise barriers with a mass rating of at least 10kg/m<sup>2</sup> at: <ul style="list-style-type: none"> <li>i. Two 1.8 m high acoustic fences at 1528 Main South Road;</li> <li>ii. One 1.8 m high acoustic fence at 95 Berketts Road;</li> <li>iii. One 1.8 m high acoustic fence at 1213 Main South Road;</li> <li>iv. One 1.8 m high acoustic fence at 312 Springs Road; and</li> </ul> </li> <li>b) Open Graded Porous Asphalt ("OGPA") or equivalent low-noise generating road surface be used in the locations illustrated on Drawings 62236-A-C251 to C254 and 62236-B-C250 to C255.</li> </ul>
DC.22	<p>Where the design of the Preferred Mitigation Options identifies that it is not practicable to implement a particular Structural Mitigation measure in the location or of the length or height included in Condition DC.21 either:</p> <ul style="list-style-type: none"> <li>a) If the design of the Structural Mitigation measure could be changed and would still achieve the same Noise Criteria Category or Category B at all relevant PPFs, and a suitably qualified planner approved by the Council certifies to the Council that the changed Structural Mitigation would be consistent with adopting the Best Practicable Option in accordance with NZS 6806:2010, the Preferred Mitigation Options may include the changed mitigation measure; or</li> <li>b) If changed design of the Structural Mitigation measure would change the Noise Criteria Category at any relevant PPF from Category A or Category B to Category C, but the Council confirms that the changed Structural Mitigation would be consistent with adopting the Best Practicable Option in accordance with NZS 6806:2010, the Preferred Mitigation Options may include the changed mitigation measure.</li> </ul>
DC.23	<p>The Preferred Mitigation Options outlined in Condition DC.21 shall be implemented prior to completion of construction of the Project, with the exception of any low-noise generating road surfaces, which shall be implemented within 12 months of completion of construction.</p>
DC.24	<p>The Requiring Authority shall manage and maintain the Preferred Mitigation Options to ensure that, to the extent practicable, those mitigation measures retain their noise reduction performance.</p>
Traffic Management - Construction	

Ref	Draft conditions
DC.25	<p>The Requiring Authority shall finalise the Construction Traffic Management Plan (SEMP 004) submitted with the application. The Construction Traffic Management Plan shall be updated in consultation with the Road Controlling Authority (or its nominees). This consultation shall commence at least 20 working days prior to certification of the Construction Traffic Management Plan (as a requirement of Condition DC.8).</p> <p>The certification shall confirm that the Construction Traffic Management Plan:</p> <ul style="list-style-type: none"> <li>a) is generally consistent with the draft Construction Traffic Management Plan submitted with the application; and</li> <li>b) addresses all the matters listed in Condition DC.26 below.</li> </ul>
DC.26	<p>The Construction Traffic Management Plan (SEMP 004) shall include, but need not be limited to, the following:</p> <ul style="list-style-type: none"> <li>(a) the staging of the works, including details of any proposals to work on multiple sections of the Project route concurrently;</li> <li>(b) details of traffic management activities proposed within each section of the Project;</li> <li>(c) the potential effects of traffic management activities and how these will be managed to ensure safety for all road users;</li> <li>(d) a process for the development and submission of site specific traffic management plans;</li> <li>(e) monitoring, auditing and reporting requirements; and</li> <li>(f) training requirements for staff.</li> </ul>
DC.27	<p>Site specific traffic management plans shall be prepared in consultation with the Road Controlling Authority in accordance the Construction Traffic Management Plan (SEMP 004). Site specific traffic management plans shall be certified by an independent Approving Engineer and provided to the Road Controlling Authority Traffic Management Coordinator for approval at least 5 working days prior to the commencement of work in that area, and shall describe the measures that will be taken to manage the traffic effects associated with the construction of specific parts of the Project prior to commencement of work in the relevant part(s) of the Project.</p>
DC.28	<p>The Construction Traffic Management Plan (SEMP 004) and the site specific traffic management plans shall generally be consistent with the version of the NZ Transport Agency Code of Practice for Temporary Traffic Management (“COPTTM”) which applies at the time the CTMP or the relevant Site Specific Traffic Management Plans are prepared. Where it is not practicable to adhere to this Code, the COPTTM’s prescribed Engineering Exception Decision (“EED”) process will be followed, which will include appropriate management measures agreed with the Road Controlling Authority.</p>
	<p><a href="#">Landscape and Urban Design</a></p>

Ref	Draft conditions
DC.29	<p>The Requiring Authority shall finalise the Landscape Management Plan (SEMP 005) submitted with the application.</p> <p>The Landscape Management Plan shall be certified (as a requirement of Condition DC.8), to confirm that the Landscape Management Plan:</p> <ul style="list-style-type: none"> <li>a) is generally consistent with the draft Landscape Management Plan submitted with the application; and</li> <li><b>b)</b> addresses all the matters listed in Condition DC.30 below.</li> </ul>

Ref	Draft conditions
DC.30	<p>The Landscape Management Plan (SEMP 005) shall include, but need not be limited to, the following:</p> <ul style="list-style-type: none"> <li>a) The Project Landscape Plans;</li> <li>b) Demonstration of how the Landscape Key Design Principles (in Chapter 5.0 of the Urban and Landscape Design Framework) have been taken into account throughout the Project alignment;</li> <li>c) Outline of the landscape treatment proposed as mitigation throughout the Project alignment;</li> <li>d) Landscape implementation details including: <ul style="list-style-type: none"> <li>i. Training of staff;</li> <li>ii. Meetings with the Project Landscape Architect;</li> <li>iii. The identification of vegetation to be retained or relocated (including the definition of the extent of vegetation clearance boundaries);</li> <li>iv. Sourcing native plants from the Canterbury Ecological District;</li> <li>v. A planting programme (the staging of planting in relation to the construction programme);</li> <li>vi. A planting restoration schedule (to so far as practicable replicate existing planting patterns);</li> <li>vii. Landscape treatment for noise barriers;</li> <li>viii. Landscape integration of pedestrian and cycleway facilities;</li> <li>ix. Stormwater detention basin design;</li> <li>x. Pre-preparing boulderfields (if required);</li> <li>xi. Riparian planting adjacent to stockwater races that takes into account the SDC Planting Guide for Water Race Margins;</li> <li>xii. Planting in accordance with the New Zealand Electricity (Hazard from Trees) Regulations 2003, including the provisions of the Schedule (Growth Limit Zones) to those regulations;</li> </ul> </li> <li>e) Maintenance and monitoring including: <ul style="list-style-type: none"> <li>i. Monitoring and reporting of baseline conditions and monthly throughout construction;</li> <li>ii. Maintenance regime which should apply for the two years following planting being undertaken (including weed control and clearance and pest control and replacement of unhealthy plants).</li> </ul> </li> </ul>
DC.31	<p>The design principles set out in Chapter 5.0 of the CSM2 and MSRFL Urban and Landscape Design Framework shall be taken into account in the development of the design concepts for the Project's permanent works, including (but not limited to) principles for acoustic fences, boundary walls and structures (including bridges, underpasses and associated retaining walls).</p>
Cultural, Archaeology and Heritage Management - Construction	

Ref	Draft conditions
	<p><b>Advice Note:</b> An Archaeological Authority shall be sought from the New Zealand Historic Places Trust where required under the Historic Places Act 1993.</p>
DC.32	The Requiring Authority shall implement the Accidental Discovery Protocol covering NZTA New Zealand Regions 11 (Canterbury) and 12 (West Coast) in the event of accidental discovery of cultural or archaeological artefacts or features during the construction of the Project.
DC.33	The Requiring Authority shall implement the Ngai Tahu Koiwi Tangata Policy 1993 “The Policy of Ngai Tahu Concerning the Human Remains of our Ancestors” in the event that Koiwi are discovered.
	<b>Electricity Transmission Management</b>
DC.34	All works or activities associated with the Project shall be designed and undertaken to comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001) where the alignment passes beneath the Islington - Springston A (ISL-SPN A) and Bromley-Islington A (BRY-ISL A) transmission lines.
	<b>Operational Lighting</b>
DC.35	Lighting shall be designed to comply with AS/NZS1158 “Lighting for Roads and Public Spaces”. This shall include limiting the amount of light spill, glare and upward waste light into the neighbouring environment via the selection of appropriate luminaires. These effects shall not exceed the technical parameters indicated within the Standard.
	<b>Ecology</b>
	<p><b>Advice Note:</b> A Wildlife Permit shall be sought from the Department of Conservation where required under the Wildlife Act 1953.</p>
DC.36	<p>The Requiring Authority shall engage a suitably qualified ecologist to carry out the following:</p> <ul style="list-style-type: none"> <li>(a) At least one season of lizard monitoring prior to commencing works in the riparian vegetation and rank exotic grassland habitats.</li> <li>(b) If lizards are present in numbers and locations that put them at risk during road construction, the Requiring Authority shall develop a Lizard Management Plan which determines the actions required to minimise adverse effects. Actions may include creating sufficient habitat and a lizard relocation programme.</li> </ul>
DC.37	All machinery shall be water blasted at a suitable facility prior to entry on site to avoid spread of weed species.
	<b>Feedback and Incidents - Construction</b>

Ref	Draft conditions
DC.38	<p>(a) At all times during construction work, the Requiring Authority shall maintain a permanent register(s) of any public or stakeholder feedback received and any incidents or non-compliance noted by the Requiring Authority's contractor, in relation to the construction of the Project. The register(s) shall include:</p> <ul style="list-style-type: none"> <li>i. the name and contact details (as far as practicable) of the person providing feedback or contractor observing the incident/ non-compliance;</li> <li>ii. identification of the nature and details of the feedback/ incident; and</li> <li>iii. location, date and time of the feedback/ incident.</li> </ul> <p>(b) The Requiring Authority shall promptly investigate any adverse feedback, incident or non-compliance. This shall include, but need not be limited to:</p> <ul style="list-style-type: none"> <li>i. recording weather conditions at the time of the event (as far as practicable), and including wind direction and approximate wind speed if the adverse feedback or incident relates to dust;</li> <li>ii. recording any other activities in the area, unrelated to the Project that may have contributed to the adverse feedback/ incident/ non-compliance, such as non-Project construction, fires, traffic accidents or unusually dusty conditions generally (if applicable);</li> <li>iii. investigating other circumstances surrounding the incident.</li> </ul> <p>(c) In relation to Condition DC.37(b), the Requiring Authority shall:</p> <ul style="list-style-type: none"> <li>i. record the outcome of the investigation on the register(s);</li> <li>ii. record any remedial actions or measures undertaken to address or respond to the matter on the register(s);</li> <li>iii. respond to the initiator, in closing the feedback loop, if practicable; and</li> <li>iv. where the adverse feedback or incident was in relation to a non-compliance, the Manager shall be notified in writing of the matter within 5 working days of the non-compliance, and inform of the remedial actions undertaken.</li> </ul> <p>(d) The register(s) shall be maintained on site and shall be made available to the Manager upon request.</p>