STATE HIGHWAY 1 NORTH CANTERBURY WOODEND BYPASS PROJECT (BELFAST TO PEGASUS) [FTAA-2512-1157] DESIGNATION CONDITIONS

Definitions

Term	Meaning
ACSMP	Means the Archaeological and Cultural Sites Management Plan
Application	State Highway 1 North Canterbury—Woodend Bypass Project (Belfast To Pegasus): Substantive Application under the Fast-Track Approvals Act 2024" submitted to the Environmental Protection Authority in December 2025
Archaeological site	Means any place in New Zealand that: (a) either: 1) was associated with human activity that occurred before 1900; or 2) is a site of the wreck of any vessel where that wreck occurred before 1900 and (b) Is or may be able through investigation by archaeological methods to provide evidence relating to the history of New Zealand.
BPO	Means the Best Practicable Option
CAG	Means the Cultural Advisory Group
CBR	Means California Bearing Ratio
CEMP	Means the Construction Environmental Management Plan
CPT	Means Cone Penetration Test
Commencement of Works	Means the time when the first works that are the subject of this designation commence, or if the Project proceeds in stages, the time when the first works of a stage of the Project subject to this designation commences.
CNVMP	Means the Construction Noise and Vibration Management Plan
CRC	Means Canterbury Regional Council
CSA	Means Construction Support Area
CTMP	Means the Construction Traffic Management Plan
District Plan	Means the Waimakariri District Plan
HMP	Means the Heritage Management Plan for 110 Parsonage Road
LLUR	Means the Listed Land Use Register
Material Change	Material Change Means any change to the design, construction methods, or management of effects described in a Management Plan listed in Condition 3 that would result in a material increase in adverse effects, or introduce new adverse effects.
Noise Assessment	Means the Road-Traffic Noise Assessment Report in accordance with condition 92
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	Has the same meaning as in NZS 6806:2010 for the purpose of the preparation of the Noise Assessment. Once a Noise Assessment has been prepared in accordance with Condition 92, PPFs means only the premises and facilities identified in green, orange or red in the Noise Assessment.
Project	Means the construction, maintenance, and operation of the State Highway 1 North Canterbury—Woodend Bypass Project (Belfast to Pegasus) that is subject to this designation
Requiring Authority	Means the NZ Transport Agency
RMA	Means Resource Management Act 1991
SQP	Suitably Qualified Person: A person (or persons) who is competent and experienced in the field of expertise that is relevant to a particular task or action directed by a condition.
Structural Mitigation	Has the same meaning as in NZS 6806:2010
ULDF	Means the Urban and Landscape Design Framework included in the Notice of Requirement 2013.
ULDMP	Means the Urban and Landscape Design Management Plan
VEMP	Means the Visual Effects Management Plan
WDC	Means Waimakariri District Council
Whitiora	Whitiora Centre Limited: Mandated by Te Ngāi Tūāhuriri Rūnanga to provide advice under relevant conditions of this designation

Conditions

General	
1	(a) Except as modified by the other conditions of this designation, and subject to final design, the Project shall be undertaken in general accordance with the General Arrangements and Cross Sections included respectively in Volumes 4A and 4B of the Substantive Application. (b) Where there is inconsistency between the drawings referred to in clause (a) and the other conditions, the other conditions shall prevail.
Lapse Date	
2	This designation shall lapse if not given effect to by 17 July 2030.
Outline Plan	
3	An Outline Plan (or Plans) (pursuant to section 176A of the RMA) shall be submitted to WDC at least 30 working days prior to the Commencement of Works. The Outline Plan shall include: a) The height, shape and bulk of the work; b) The layout of the proposed Project alignment; c) The likely finished contour of the site; d) Vehicular access, circulation and provision for parking; e) Landscaping proposed; f) WDC services assets to be relocated as a result of the Project; g) Any other matters to avoid, remedy or mitigate any adverse effects on the environment, such as specific designs of noise barriers, and shall include consideration of the Noise Assessment Report required by condition 92; h) The following management plans: 1) A Construction Environmental Management Plan in accordance with condition 8; 2) A Construction Traffic Management Plan in accordance with condition 9; 3) A Construction Noise and Vibration Management Plan in accordance with condition 11; 4) An Archaeological and Cultural Sites Management Plan in accordance with conditions 28 and 29; 5) A Heritage Management Plan for 110 Parsonage Road, if required by and in accordance with condition 31; 6) An Urban and Landscape Design Management Plan in accordance with conditions 34-37.
3A	An Outline Plan (or Plans) required under condition 3 may be submitted in parts or in stages to address particular activities or a stage of work of the Project.
4	A management plan referred to in Condition 3 shall: a) Be prepared and implemented in accordance with the relevant condition(s) as specified in Condition 3; b) Be prepared by a SQP; c) Include sufficient detail to manage the effects associated with the relevant activities and/or stage of work to which it relates.
5	A management plan may: a) Following discussion with the WDC, be submitted in parts or in stages to address particular activities or a stage of work of the Project; b) Except for material changes, be amended to reflect any changes in design, construction method, or management of effects without further process.
6	If there is a material change required to a management plan which has been submitted as part of an Outline Plan, the revised part of the plan shall be submitted to WDC as an update to the Outline Plan as soon as practicable following identification of the need for a revision.
Construction Environmental Management Plan	
8	The purpose of the CEMP is to provide an overarching framework for managing construction activities and associated effects to ensure construction activities are planned and undertaken in accordance with the designation conditions. The CEMP must contain the following information: *General* (a) Key staff responsibilities and contact details, including emergency contacts; (b) Training requirements for employees, sub-contractors and visitors regarding the need to comply with conditions of these consents and the requirements of relevant management plans; (c) Environmental incident and emergency management procedures; (d) Communication procedures, including a protocol for consultation with CRC and WDC and for providing information to the local community prior to and throughout the construction phase; (e) A protocol for provision of a summary of outcomes to Whitiora, on a six-monthly basis, from monitoring required under this management plan; (f) A protocol for consultation with Whitiora in respect of any concerns or issues in relation to effects on the environment during construction, and in particular observed effects on water quality and the health and wellbeing of waterbodies; (g) Procedures for receiving and responding to complaints from the general public; (h) Proposed hours of working. *Site management* (i) Lighting utilised during construction of the Project shall be minimised and downward facing to the extent practicable and designed so that nuisance spill onto neighbouring lots does not occur; (j) Spill response procedures and protocols, including methods to ensure hazardous substance storage and use occurs away from Watercourses, Wetlands, and Community Drinking Water Protection Zones; (k) Provision for private property access during construction, including temporary access where necessary; (l) Measures to delineate Site boundaries, maintain site security, prevent public access, and ensure the safe and practical operation of adjacent sites; (m) Methods for providing for the health and safety of the general public; (n) Rehabilitation of construction laydown area and yards. *Actions and reporting* (o) Environmental reporting to WDC, CRC and Whitiora; (p) Corrective actions in response to environmental incidents or near misses; (q) Environmental auditing and compliance monitoring; (r) Review processes, including a protocol for amending the CEMP as a result of any complaints or issues arising during construction.

Appendix E: Expert Panel Designation Conditions

<table>
<tr><td colspan="2">Construction Traffic Management Plan</td></tr>
<tr><td>9</td><td>The Requiring Authority shall prepare and implement a Construction Traffic Management Plan (CTMP).

The purpose of the CTMP is to minimise adverse effects on property access, traffic safety and efficiency resulting from construction works activities.

The CTMP shall identify the methods for managing traffic during the construction period, including, but not limited to:
a) The standards set out in the New Zealand Guide to Temporary Traffic Management;
b) Planning and management of the construction work so public roads remain open or a detour is provided during construction and so that pedestrian and cyclist access and safety is maintained;
c) A location plan showing the proposed works, site access points, CSA, and any other point on the local roading network to be regularly accessed during the works;
d) A schedule of various work stages and anticipated traffic generation;
e) A schedule of roads (including factors for each road, such as surfacing, width, visibility, traffic safety risks) to be used for haul roads for supply of materials, as well as haul roads used between various stages/locations of the work site;
f) Consideration of vehicle speeds on haul roads, including location specific speed limits.</td></tr>
<tr><td colspan="2">Construction Noise and Vibration Management Plan</td></tr>
<tr><td>11</td><td>The Requiring Authority shall implement a Construction Noise and Vibration Management Plan (CNVMP) throughout the entire construction period of the Project.

The purpose of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects and for achieving compliance with the construction noise and vibration standards set out in Conditions 13 and 14.

The CNVMP shall describe the measures adopted to meet:
a) the noise criteria set out in Condition 13 below, where practicable. Where it is not practicable to achieve those criteria, alternative strategies should be described to address the effects of noise on neighbours, e.g. by arranging alternative temporary accommodation; and
b) the Category A vibration criteria set out in Condition 14 below, where practicable. Where it is not practicable to achieve those criteria, a SQP shall be engaged to assess and manage construction vibration during the activities that exceed the Category A criteria. If predicted construction vibration exceeds the Category B criteria then construction activity should, where practicable, only proceed if approved by the WDC council officer and if there is appropriate monitoring of vibration levels and effects on buildings at risk of exceeding the Category B criteria, by a SQP.

The CNVMP shall, as a minimum, address the following:
a) Description of the works, anticipated equipment/processes and their scheduled durations;
b) Hours of operation, including times and days when construction activities causing noise and/or vibration would occur.
c) The construction noise and vibration criteria for the Project as set out in condition 13 and 14;
d) Identification of affected houses and other sensitive locations where noise and vibration criteria apply;
e) Requirement for building condition surveys at locations close to activities generating significant vibration, prior to and after completion of the works (including all buildings predicted to exceed the Category A vibration criteria in Condition 14);
f) Mitigation options, including alternative strategies where full compliance with the relevant noise and/or vibration criteria cannot be achieved.
g) Details of which operational road-traffic noise mitigation options as required by Condition 12 below will be implemented early enough to also mitigate construction noise;
h) Management schedules containing site specific information;
i) Methods and frequency for monitoring and reporting on construction noise and vibration;
j) Procedures for maintaining contact with stakeholders, notifying of proposed construction activities and handling noise and vibration complaints;
k) Construction equipment operator training procedures and expected construction site behaviours;
l) Contact numbers for key construction staff, staff responsible for noise assessment and WDC officers.</td></tr>
<tr><td>12</td><td>The Requiring Authority should, where practicable, implement those Structural Mitigation measures for operational noise detailed in Conditions 92 to 96 which are identified in the CNVMP as also providing construction noise mitigation, prior to commencing major construction works that would be attenuated by these mitigation measures.</td></tr>
<tr><td>13</td><td>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 CNVMP are:
<table>
<tr><th>Time of the week</th><th>Time period</th><th colspan="2">“Long-term” duration construction (dBA)</th></tr>
<tr><td></td><td></td><td>L_{Aeq}</td><td>L_{AFmax}</td></tr>
<tr><td colspan="4">Noise criteria at residential buildings</td></tr>
<tr><td rowspan="4">Weekdays</td><td>0630-0730</td><td>55</td><td>75</td></tr>
<tr><td>0730-1800</td><td>70</td><td>85</td></tr>
<tr><td>1800-2000</td><td>65</td><td>80</td></tr>
<tr><td>2000-0630</td><td>45</td><td>75</td></tr>
<tr><td rowspan="4">Saturdays</td><td>0630-0730</td><td>45</td><td>75</td></tr>
<tr><td>0730-1800</td><td>70</td><td>85</td></tr>
<tr><td>1800-2000</td><td>45</td><td>75</td></tr>
<tr><td>2000-0630</td><td>45</td><td>75</td></tr>
<tr><td rowspan="4">Sundays and public holidays</td><td>0630-0730</td><td>45</td><td>75</td></tr>
<tr><td>0730-1800</td><td>55</td><td>85</td></tr>
<tr><td>1800-2000</td><td>45</td><td>75</td></tr>
<tr><td>2000-0630</td><td>45</td><td>75</td></tr>
<tr><td colspan="4">Noise criteria at commercial/ industrial buildings</td></tr>
<tr><td rowspan="2">Any day</td><td>0730-1800</td><td>70</td><td>-</td></tr>
<tr><td>1800-0730</td><td>75</td><td>-</td></tr>
</table></td></tr>
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<table>
<tr><td>14</td><td>a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures;
b) The construction vibration criteria for the purposes of the CNVMP are:
<table><tr><th>Receiver</th><th>Details</th><th>Category A</th><th>Category B</th></tr><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 *1, Table B.2</td></tr><tr><td>Vibration – continuous</td><td>BS 5228-2*1, 50% of Table B.2</td></tr></table>
*1 BS 5228-2:2009 ‘Code of practice for noise and vibration control on construction and open sites – Part 2: Vibration’</td></tr>
<tr><td colspan="2">Tangata Whenua</td></tr>
<tr><td>20</td><td>a) Prior to the detailed design and Commencement of Works for the Project, the Requiring Authority shall establish a Cultural Advisory Group (CAG), consisting of at least 3 mandated members of Ngāi Tūāhuriri and one representative of Whitiora;
b) The CAG shall be formed on Terms of Reference to be agreed between the Requiring Authority and Ngāi Tūāhuriri representatives.</td></tr>
<tr><td>22</td><td>The Requiring Authority shall ensure that land disturbance as a result of the Project between Pineacres and the Smith Street overpass avoids Te Kai a Te Atua urupā and the adjoining dune ridge Nuku Te Hiwi.</td></tr>
<tr><td>23</td><td>The Requiring Authority shall adopt the “Cultural Health Index for Streams and Waterways” as a culturally relevant and measurable means of monitoring the effect of the Project on the surrounding streams and waterways.</td></tr>
<tr><td>24</td><td>The Requiring Authority shall adopt and implement a restoration re-vegetation planting plan that enhances bio-diversity and in stream values utilising those taonga plant species that would naturally occur within the Project area.</td></tr>
<tr><td>25</td><td>The Requiring Authority shall ensure the installation of information features occurs in locations to inform pedestrian and cycle users of significant events or historical sites in the immediate vicinity as well as in the wider cultural landscape.</td></tr>
<tr><td colspan="2">Archaeological and Cultural Sites Management Plan</td></tr>
<tr><td>28</td><td>Prior to the Commencement of Works for the Project, the Requiring Authority and the CAG shall jointly prepare an Archaeological and Cultural Sites Management Plan. The purpose of the Archaeological and Cultural Sites Management Plan is to require the Requiring Authority to undertake construction in a manner that ensures the use of appropriate training, methods, protocols, and procedures in relation to the possible presence of archaeological sites or material that may be discovered during construction and the appropriate investigation and recording of any archaeological resources discovered during the construction of the Project.</td></tr>
<tr><td>29</td><td>The Archaeological and Cultural Sites Management Plan shall, as a minimum, contain the following requirements to be met by the Requiring Authority during construction of the Project:

Archaeological Sites
a) Any known archaeological sites within the Project site but outside the construction footprint shall be appropriately identified on the ground, and measures taken, where practicable, to avoid disturbance or destroying the archaeological site;
b) The mandated Te Ngāi Tūāhuriri Rūnanga representatives with training in the recognition of archaeological sites shall be engaged to assist the archaeologist to monitor geotechnical testing and earthworks related to the construction of the Project;
c) In the event of discovery of complex prehistoric archaeological deposits, the archaeologist shall present to mandated Te Ngāi Tūāhuriri Rūnanga representatives and to Te Ngāi Tūāhuriri Rūnanga members at a General Meeting of the Runanga, an excavation plan and timetable for comment and input;
d) All contractors and management shall be briefed by the archaeologist prior to Commencement of Works, as to the nature of any archaeological residues which may be uncovered, the statutory requirements of the Heritage New Zealand Pouhere Taonga Act 2014 and the Protected Objects Act 1975;
e) The storage and/or display of any artefacts, taonga and other cultural material associated with pre-historic archaeology located or excavated shall be determined in consultation with mandated Te Ngāi Tūāhuriri Rūnanga representatives;
f) All research and analysis of any cultural heritage located within the Project area shall be completed in a timely fashion and that copies of all reports be provided to mandated Te Ngāi Tūāhuriri Rūnanga, the Office of Te Ngāi Tūāhuriri Rūnanga Inc Soc and representatives and Whitiora.

Archaeological Sites Protocol
g) The Archaeological and Cultural Sites Management Plan shall set out how the Requiring Authority shall comply with the following Archaeological Sites Protocol, including:
1) A consulting Archaeologist will be engaged to advise on methods to be undertaken to ensure that adverse effects on archaeological sites are avoided, remedied, reduced or mitigated. The Requiring Authority shall consult with mandated Te Ngāi Tūāhuriri Rūnanga representatives regarding the appointment of the archaeologist;
2) The Requiring Authority shall provide the consulting archaeologist, and mandated Te Ngāi Tūāhuriri Rūnanga representatives and Whitiora with the following information no less than 10 working days prior to any earthmoving activities;
a A schedule of the dates of all significant earthmoving events, their sequence and duration;
b A summary of all measures being undertaken to ensure that adverse effects on archaeological values are avoided, remedied, reduced or mitigated;
3) The Requiring Authority shall, from time to time, invite mandated Te Ngāi Tūāhuriri Rūnanga representatives and Whitiora to attend any episode of monitoring or earthmoving activity;
4) The Requiring Authority shall provide mandated Te Ngāi Tūāhuriri Rūnanga representatives, the Office of Te Ngāi Tūāhuriri Rūnanga Inc Soc and Heritage New Zealand with a copy of all archaeological monitoring and investigation results which are required by the conditions of this designation with an invitation to respond, comment or meet to discuss any results;
5) The Requiring Authority shall notify WDC of all information provided to mandated Te Ngāi Tūāhuriri Rūnanga representatives and Whitiora and any responses received. If appropriate WDC, with the agreement of the Requiring Authority and mandated Te Ngāi Tūāhuriri Rūnanga representatives, shall convene meetings/hui should any of the information or issues require further discussion.

Wahi Tapu, Wahi Taonga and Urupa Protocol
h) The Archaeological and Cultural Sites Management Plan shall set out how the Requiring Authority shall comply with the following Wahi Tapu, Wahi Taonga and Urupa Protocol, including:
1) The mandated representative of Te Ngāi Tūāhuriri Rūnanga trained in the discovery and recognition of archaeological sites will be engaged to be present during site preparation, excavation and construction, to act as advisor to the Requiring Authority on identification of Wāhi Tapu, Wāhi Taonga, Urupā or historic cultural sites;</td></tr>
</table>

	2) The Requiring Authority shall consult with mandated Te Ngāi Tūāhuriri Rūnanga representatives to determine in accordance with tikanga Māori, if there are any matters of protocol which tāngata whenua wish to undertake in relation to the commencement of any development works, significant events or the commissioning of the completed works; 3) The Requiring Authority shall ensure that staff involved with earthmoving activities have received appropriate training and are aware of the requirement to effect and monitor earthmoving activities in a way that enables the identification of Wāhi Tapu, Wāhi Taonga, Urupā or historic cultural sites. Mandated Te Ngāi Tūāhuriri Rūnanga representatives shall be contracted to provide appropriate training to staff. 4) Immediately when it becomes apparent that a Wāhi Tapu, Wāhi Taonga, Urupā or historic cultural site has been discovered, earth moving activities shall stop. The contractor will shut down all machinery or activity immediately, leave the area and advise the Requiring Authority of the occurrence. In cases where discoveries other than suspected Koiwi Tāngata (human remains) are suspected: 5) The mandated representative of Te Ngāi Tūāhuriri Rūnanga will be consulted by the Requiring Authority to determine what further actions are required to safeguard the site or its contents, and to avoid, reduce, remedy or mitigate any damage to the site. Where Koiwi Tāngata (human remains) are suspected: 6) The Requiring Authority shall take steps immediately to secure the site in a way that ensures the koiwi tāngata are untouched. 7) The Requiring Authority shall be responsible for notifying the Te Ngāi Tūāhuriri Rūnanga, the Police and Heritage New Zealand and that it is suspected koiwi tāngata that have been uncovered; 8) The Requiring Authority of the site shall see that staff are available to meet and guide Kaumatua, the Police and Heritage New Zealand staff to the site, assisting with any requests that they may make; 9) Earthmoving operations in the affected area shall remain halted until the kaumatua; Police and Heritage New Zealand staff have marked off the area around the site and given approval for earthmoving operations to begin; 10) If the kaumatua are satisfied that the Koiwi Tāngata are of Māori origin, the kaumatua shall decide what happens to the koiwi tāngata and give their decision to the Police, the Archaeologist, Heritage New Zealand and the Requiring Authority. *Advice Notes:* *PURPOSE.* *The purpose of a "Discovery Protocol for Wāhi Tapu, Wāhi Taonga and Urupā is to:* *a) Manage and protect the integrity of known and unknown archaeological sites from damage and loss;* *b) Maximise the opportunity to retrieve physical and archaeological evidence from disturbed sites;* *c) Obtain quality information on the lives of people , their activities, food, resource use, trails and habitation areas of Ngāi Tahu ancestors from archaeological sites;* *d) Ensure Te Ngāi Tūāhuriri Rūnanga is satisfied with the management of any koiwi tāngata.* *RESPONSIBILITIES.* *Te Ngāi Tūāhuriri Rūnanga shall:* *a) Inform the Requiring Authority of the position of any known sites prior to commencement of earth moving activities;* *b) Inform the Requiring Authority in accordance with tikanga Māori, if there are any matters of protocol which Te Ngāi Tūāhuriri Rūnanga wish to undertake in relation to the commencement of work or significant events;* *c) Provide a contact list of persons and phone, fax and mobile numbers to the Requiring Authority;* *d) Adopt a policy of response to notification of a "suspected find site" to ensure that within a 24 hour time frame the following actions occur;* *1) contacting the appropriate people and organisations depending on the nature of the "find";* *2) arranging a time to inspect the site;* *3) identifying the appropriate action and timeframe within which to remove from the site or otherwise manage any archaeological material (note this does not require removal of the archaeological material from the site within 24 hours).* *The Consent holder shall:* *a) Ensure staff are aware of their responsibilities under the Archaeological Sites Protocol;* *b) Implement a reporting procedure in the event of any "find" of archaeological material;* *c) Meet all obligations under the Heritage New Zealand Pouhere Taonga Act 2014;* *d) Provide the mandated Te Ngāi Tūāhuriri Rūnanga representatives with the following reports no less than 10 working days prior to any earth moving works:* *1) A schedule of the dates of all earth moving events their sequence and duration;* *2) A summary of all measures being undertaken to ensure adverse effects on archaeological values are, remedied or mitigated;* *e) Invite Te Ngāi Tūāhuriri Rūnanga to attend any episode of archaeological monitoring or earthmoving activity;* f) *Provide the mandated Te Ngāi Tūāhuriri Rūnanga representatives with a copy of all archaeological monitoring and investigation results with an invitation to respond, comment or meet to discuss any results.*
Heritage	
30	During the detailed design of the Project and prior to the provision of the CEMP to WDC in accordance with condition 3, the Requiring Authority shall, in consultation with the property owner, engage an SQP to undertake a further heritage assessment of the heritage property at 110 Parsonage Road using guidance provided by the Requiring Authority's Guide to Assessing Historic Heritage Effects for State Highway Projects (the revised heritage assessment).
31	If the revised heritage assessment recommends mitigation measures to remedy or mitigate adverse effects on heritage values for 110 Parsonage Road as a result of the Project (construction or operation), the Requiring Authority shall consult with the owners of 110 Parsonage Road on the preparation of a Heritage Management Plan. The objective of the Heritage Management Plan is to provide the methods, actions and timeframes for the implementation of the mitigation measures recommended in the revised heritage assessment. *Advice Note: Conditions 30-31 are in addition to, not a replacement for, other mitigation measures for this property, including conditions 11-14 (construction noise and vibration), 40-41 (visual mitigation), 58-64 (trees), and 92-96 (operational noise).*
32	The Requiring Authority shall engage an SQP to provide a photographic record of the heritage property at 110 Parsonage Road and surrounding landscape, firstly, prior to the Commencement of Works and secondly, upon completion of construction of the Project. The photographic record shall be provided to WDC Heritage New Zealand and the owners of 110 Parsonage Road.
33	The Requiring Authority shall be deemed to have complied with conditions 30 to 32 above where: a) the Requiring Authority fulfils the obligations in conditions 30, 31 or 32 ; or b) the owner of 110 Parsonage Road does not accept either the Requiring Authority's offer to undertake the revised heritage assessment and mitigation measures under conditions 30 to 31, or the photographic record under condition 32; or c) the owner of 110 Parsonage Road cannot, after reasonable enquiry, be contacted.

Appendix E: Expert Panel Designation Conditions

Urban and Landscape Design Management Plan	
34	a) The Requiring Authority shall prepare an Urban and Landscape Design Management Plan (ULDMP); b) The purpose of the ULDMP is to integrate the Project's permanent works into the surrounding landscape and urban context and to illustrate the urban and landscape design of the Project.
35	The ULDMP shall: a) Take into account the findings, and implement the recommendations where relevant, of the Urban Design, Landscape and Visual Impact Assessment included in the Notice of Requirement 2013 and the Urban, Landscape and Visual Effects Assessment prepared for the Substantive Application dated December 2025; b) Implement and build onto the design concepts in the Project's Urban and Landscape Design Framework (ULDF); c) Take guidance from the Requiring Authority's Urban Design Guidelines: Bridging the Gap (2013); d) Implement any other relevant document; e) Take into account the requirements in conditions 24 and 45-46.
36	The ULDMP shall contain the following to guide and inform the detailed design of the Project: a) Demonstration of how the design principles in the ULDF have been adhered to in the development of the design concepts, including (but not limited to) principles for noise walls, walking and cycling facilities and structures (including bridges, underpasses and associated retaining walls) which are identified in the ULDF as being in highly sensitive locations; b) A concept plan – this shall depict the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposal if different from the ULDF concepts; c) Landscape, urban design and planting details, including, but not limited to: 1) High amenity design concepts for the following walking and cycling connections within the designation: a. Williams Street; b. along Woodend Beach Road bridge at the proposed underpass; c. along Gladstone Road bridge at the proposed underpass; d. between Woodend and Pegasus Boulevard; e. between Woodend and Kaiapoi; 2) Concepts for roadscape elements to achieve a motorway that provides a quality road user experience, is aesthetically pleasing and legible. This can be achieved through the direction of views and use of specific types of vegetation, and potentially the use of art, to showcase culturally significant natural features and 'tell the story' of the local area and integrate distinct themes of cultural significance into the design; 3) The design of the ramps leading to the bridges for the dedicated pedestrian and cycling connections along Gladstone and Woodend Beach Roads should optimise the ease with which these routes could be used; 4) The proposed underpasses that connect Gladstone and Woodend Beach Roads with the recreational facilities on the coast should indicate this connection through cues such as the type of vegetation and views.; 5) Concepts for the sustainable and low maintenance design of the Gladstone Road and Woodend Beach Road underpasses and to enhance the experience of the road user; 6) Signage to indicate connections between communities; 7) Concepts to provide expansive views from the pedestrian and cyclist shared path on Gladstone Road and Woodend Beach Road at the underpasses. 8) Locally altered stream cross section design, culvert design, and planting; 9) Direction of views, use of vegetation and potentially art to showcase culturally significant natural features and 'tell the story' of the local area; 10) Provision of an aesthetically pleasing, and legible environment that provide cues about the location through the use of signs and the direction of views; 11) Placement of vertical elements such as noise and light attenuation walls, and trees to direct views of the surrounding area and natural features and provide context; 12) Use of materials and colours to achieve Integration of the Project into its natural environment; 13) An aesthetically appealing, sustainable and low maintenance design that provides a quality road user experience and includes distinct local themes of cultural significance; 14) The detailed design of the landscape elements of the Project should specify how vegetation should: a. Mitigate any severance and adverse effects on immediate natural environment where possible; b. Enhance and provide new ecological connections; c. Enhance biodiversity through the utilisation of plant species that would naturally occur within the Project area; d. Relate to culturally significant local landscape elements; e. Provide for a high quality road user experience; 15) The amenity of the pedestrian and cycling facilities along Gladstone Road and Woodend Beach Road at the underpasses and along Williams Street at the overpass so that they function as informal public spaces which offer expansive views and amenity, e.g. through generous width and elements such as lighting, signage and planting; 16) Planting of embankments; 17) The design of stormwater facilities associated with the Project to: a. Provide ecological amenity in locations of ecological value; b. Provide for a high quality road user experience; c. Consist of low maintenance materials; 18) Any obligations for monitoring, maintenance and/or replacement of damaged, dead or diseased trees or other vegetation planted in accordance with (c). These obligations shall commence following planting and continue: a. during construction of the Project; b. for two years following the opening on the Project.
37	The works demonstrated in the ULDMP shall be undertaken in accordance with the plans and specifications contained in the ULDMP.
Landscape	
39	The lighting around the proposed Pegasus Interchange shall minimise light spill and effects on the night sky.
39A	a) The Requiring Authority must establish planting within the Designation on the western boundary of Lot 210 DP 453895 (Pegasus Resort) to provide visual screening of the future overbridge. The planting shall be capable of reaching a minimum height of 6 m within 5 years of the bridge being operational; b) Maintenance shall be for a minimum period of 5 years from planting, including replacement of dead, dying or diseased plants as soon as practicable. Where space allows, planting shall include layered tree and shrub structure to break down the apparent scale of retaining walls and bridge approaches.
39B	a) Prior to the development of the Construction Support Area (CSA) at Lees Road (on the parcel legally described as Lot 2 DP 359788), establish visual screening of the CSA along the boundary with Lees Road (except where any vehicle access is required). The visual screening shall include: 1) A grassed or vegetated earth bund with a minimum height of 2 m above existing ground level; 2) Screen planting across the crest of the earth bund and between the legal boundary of Lees Road with a minimum height of 0.5 m at establishment and a maximum height of 3 m at maturity; b) The visual screening in clause (a) shall remain in place until such time that the CSA is disestablished and the site rehabilitated. Screening and planting shall be maintained for the full period the CSA is operative, including replacement of dead, dying or diseased plants as soon as practicable;

	c) On completion of CSA use, the site shall be rehabilitated to a condition generally consistent with its pre-construction land use and landform-unless otherwise agreed by WDC. Rehabilitation shall include removal of temporary hardstand, buildings and services. d) Pre and post construction information shall be submitted to WDC.
Visual Effects Management Plan	
40	The Requiring Authority shall appoint an SQP to prepare a Visual Effects Management Plan (VEMP). The purpose of the VEMP is to avoid, remedy or mitigate adverse visual effects associated with the operation of the Project on specified receivers. The VEMP shall: a) Include the review of the visual effects assessment for all properties included in the 8 August 2014 Evidence of Craig Pocock (Landscape and Visual), prior to the detailed design stage of the Project, in order to take the possible changes in the landscape into consideration; b) Take into account the Design Recommendations and Landscape Design Concepts included in Sections 3.1 and 3.3 of the ULDF Report in Appendix G of the 2013 Notice of Requirement, to the extent the Design Recommendations and Landscape Design Concepts are not inconsistent with: (1) the outcomes of the review of the visual effects assessments as required by (a), and (2) the review and implementation of design recommendations provided in Volume 3G of the Application; c) Include the design, methods and timeframes for implementation for the mitigation of the visual impact of the Project, including acoustic barriers, for the following affected properties (Affected Properties) for dwellings existing at the date of notification of the 2013 Notice of Requirement: 1A) 1250 Main North Road; 1) 5 Wards Road (Lot 9 DP 923); 2) 144 Main North Road (Lot 1 DP 13738); 6) 100 Parsonage Road (Lot 2 DP 16789); 7) 156 Gladstone Road (Lot 2 DP 342658); 8) 183 Gladstone Road (Lot 1 DP 345904); 11) 110 Parsonage Road (Lot 1 DP 3598) (mitigation may include dense evergreen trees no taller than 6 metres to be planted along the northern and eastern boundary of the property, for approximately 30 metres each way, starting from the north-eastern corner of the property boundary) 12) 287 Lees Road (Lot 1 DP 23975); 13) 565 Williams Street (Lot 2 DP 306454); 15) 143A Old North Road (Rakiwhakaputa Maori Reserve 873 222 Block); 17) any additional properties as recommended by the SQP; d) Include the design, methods and timeframes for implementation of the mitigation of the visual impact of the Williams Street Overpass and its on-ramps for the Lees Road dwellings existing at the date of notification of the Notice of Requirement. Should the existing shelterbelt located on the ReadyMix site be removed, the eastern embankment of the motorway alignment shall be planted between Chainage 6650 and 6200 as illustrated on Figure SB-01 attached to the supplementary evidence of Mr Craig Pocock dated 19 October 2014; e) Include any obligations for monitoring, maintenance and/or replacement of damaged, dead or diseased trees or other vegetation planted in accordance with (c) or (d). These obligations shall commence following planting and continue: 1) during construction of the Project; ~~and~~ 2) for two years following the opening on the Project.
41	a) In preparing the VEMP, the Requiring Authority shall undertake consultation with the land owners of the Affected Properties and property owners identified through condition 40(d) to discuss the design, methods and timeframes for implementation for the mitigation of the visual impact; b) Records of the consultation and responses shall be included in the ULDMP under conditions 34-37.
Dwellings to be removed or relocated	
43	The dwellings at 1 Fullers Road (RS1203) and 189 Woodend Beach Road (Lot 7 DP50914)-shall be removed or relocated.
Terrestrial Ecology	
45	To compensate for the loss of any indigenous vegetation situated along the banks of the Waihora Creek that lie within the designation, replacement planting shall be undertaken of the same (or otherwise ecologically suitable) mix of native shrubland and wetland species at suitable stream bank sites upstream and downstream from the Project designation where overhead cover exists. These re-planting measures may be implemented in combination with any landscape mitigation measures proposed beyond the creek margins.
46	a) A planting plan shall be prepared for areas around the bridge crossings on the Cam River. The planting plan shall include species that are tolerant of low light and dry soil conditions; b) Riparian and embankment planting shall be designed and to restore disturbed areas using primarily indigenous species appropriate to the site.
Trees	
58	Conditions 59 to 63 shall only apply with respect to the following notable trees (Notable Trees): a) 100 Parsonage Road – English Oak Quercus robur (listed as P#017 in Appendix 29.1 of the Waimakariri District Plan at 8 August 2014); b) 110 Parsonage Road – Copper Beach Fagus sylvatica 'Purpurea' (listed as P#005 in Appendix 29.1 of the Waimakariri District Plan at 8 August 2014).
59	a) All work involving excavation or disturbing the ground, adjacent to the Project designation boundary, within 3m of the drip line of Notable Trees shall be monitored by an SQP; b) The property owner shall be notified in writing at least 20 days prior to any work commencing that triggers the requirements under this condition.
60	Prior to works commencing in the vicinity of the Notable Trees, a pre-commencement meeting shall be held so that the tree protection measures for the Notable Trees can be explained by the SQP to all contractors or sub-contractors.
61	A methodology statement for the construction of the acoustic barrier in proximity to the Notable Trees shall be prepared and approved by the SQP prior to works commencing in the vicinity.
62	Roots encountered during excavations in proximity to retained vegetation that require severance shall be cleanly cut back to the excavation face by the SQP using a handsaw or secateurs.
63	Exposed roots and root ends of retained trees uncovered during excavations shall be covered by hessian (or a similar product) to prevent them from drying and kept damp until the excavated area can be backfilled.
64	Where appropriate-when undertaking construction works around, and involving, trees the Requiring Authority shall undertake the following: a) Protective fencing (consisting of 1.8 metre high pole/wire mesh fencing or timber site boarding) to isolate trees identified for retention from construction activities for the duration of the works in the vicinity.; b) Construction activities are not to occur within the fenced tree protection areas, including but not limited to; excavation, storage of construction materials, fuel or chemicals, disposal of contaminated water, fires, storage or operation of machinery, or any other activities that may cause damage to retained trees; c) The SQP shall determine the position of the protective fencing in consultation with the Project manager. The position of the protective fencing is expected to be outside the drip line (canopy spread);

	d) All trees to be removed shall be clearly marked by the SQP prior to the commencement of works in the vicinity of the Notable Trees; e) All tree removal and pruning shall be carried out in accordance with current arboricultural best practices by a SQP; f) All tree felling, dismantling and pruning operations shall be carried out in a safe manner that avoids damage to trees identified for retention; g) Where appropriate, all tree pruning shall be carried out under the direction of the SQP.
Natural Hazards	
80	Structural elements of the Project shall be designed to current, or better, standards applying at the time of detailed design.
81	Additional geotechnical investigations shall be undertaken, in accordance with an investigation schedule developed by a SQP, to support detailed design, based on the following outline: a) Additional test pits and scalas at 200m intervals where required to assess the subgrade CBR boundaries for detailed design of the pavement. Additional lab CBR, particle size distributions, compaction testing and plasticity index testing shall be required on test pit samples; b) One deep borehole and one CPT per ridge/overpass/culvert abutment or central pier to be undertaken at the final structure location. Lab testing including particle size distributions, plasticity index, consolidation and direct shear/triaxial testing to be undertaken on borehole samples as recommended; c) Lime/cement stabilised CBR soil testing suite to include 3-4 lime/cement mix designs per soil type to be analysed and sufficient multiple tests are to be undertaken to confirm variation of results; d) A borehole and detailed survey around the man-made lake cuts adjacent to the quarry to confirm lateral spreading risk and potential fill options in the area.
Earthworks	
82	Where land filling is to be undertaken, the areas affected together with dimensions relative to the created property boundaries, shall be shown on "As-built" plans to be supplied to WDC.
83	Any areas of fill or earthworks not certified in accordance with NZS 4431; 1989 shall, together with sufficient dimensions to locate the feature from property boundaries, be registered on the land transfer title plans, and shown on the "As-built" plans.
84	a) Where possible, stockpiles shall be located at least 100 metres away from any neighbouring dwellings; b) Stockpiles remaining for more than 4 months shall be no greater than 6.0 metres high, shaped and protected from dust and sediment migration.
85	All rubbish, organic or other unsuitable material shall be removed off site to an approved site where this material can be legally disposed of.
86	The Requiring Authority shall, where material needs to be imported, provide details to WDC upon request as to the source and type of material, geotechnical suitability, type and frequency of transportation and route used to enter the site.
Services Relocation	
89	Other than as required by condition 90, the Requiring Authority shall carry out any service relocation of WDC assets to accord with the WDC Engineering Code of Practice.
90	As the network utility provider WDC, at the Requiring Authority's expense, shall carry out all water connections to the existing public water supply.
91	The Requiring Authority shall provide engineering plans of all relocation works to WDC with the Outline Plan in accordance with condition 3.
Operational Noise	
92	a) The Requiring Authority shall appoint a SQP to determine the BPO for road-traffic noise mitigation in accordance with NZS 6806:2010. As part of the Outline Plan required by condition 3, the Requiring Authority shall submit to WDC a Road-traffic Noise Assessment Report ('Noise Assessment') detailing the assessment process, 'Selected Options' for noise mitigation, and the Noise Criteria Categories for all PPFs ('Identified Categories'). All PPFs shall be Category A or Category B. The Requiring Authority shall implement the Selected Options for noise mitigation identified in the Noise Assessment as part of the Project, in order to achieve the Identified Categories where practicable, subject to Conditions 93-95 below; b) The Noise Assessment shall include PPFs located within the Outline Development Plan Area shown on the WDC's Woodend Beach Road Outline Development Plan 171 dated 3 March 2014.
93	The detailed design of the Structural Mitigation measures in the Selected Options (the 'Detailed Mitigation Options') shall be undertaken by a SQP prior to construction of the Project, and, subject to Condition 94, shall include, as a minimum, the following: a) Noise barriers with the location, length and height in general accordance with the Noise Assessment; b) Low-noise road surfaces in general accordance with the Noise Assessment.
94	Where the design of the Detailed 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 the Selected Options if the design of the Structural Mitigation measure could be changed and would still achieve the same Identified Category or Category B at all relevant PPFs, and a SQP certifies to WDC that the changed Structural Mitigation would be consistent with adopting the BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed mitigation measure.
95	The Detailed Mitigation Options shall be implemented prior to completion of construction of the Project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of completion of construction.
96	The Requiring Authority shall manage and maintain the Detailed Mitigation Options to ensure that, to the extent practicable, those mitigation works retain their noise reduction performance for at least 10 years after the opening of the Project to the public.
Transport Safety and Access	
97	New appropriately located and designed accesses shall be constructed. Disturbance associated with temporary accesses shall be reinstated. Rights of Way shall be established where necessary.
98	If the Requiring Authority provides a new access for 138 Main North Road and 1188 Main North Road, the Requiring Authority shall ensure: a) the access is designed to meet safe intersection sight distance requirements for an appropriate design speed; b) the access should be positioned close to the Pegasus/Ravenswood interchange within a road environment that shall be landscaped, kerbed and lit to urban standards; c) measures to accommodate vehicles slowing to turn shall be incorporated into the Project design. *Advice note: The Requiring Authority shall not be responsible for the ongoing maintenance or upgrade of any access provided under condition 97 and 98.*
99	At any time prior to the Outline Plan being lodged in accordance with condition 3 the Requiring Authority shall undertake a Safe Systems Audit in accordance with the Requiring Authority's guideline Safe System Audit Guidelines (2022). Once the safety audit is complete, it shall be provided to WDC for their records.

Appendix E: Expert Panel Designation Conditions

Monitoring	
	Advice Notes *WDC, on an actual cost basis, may choose to audit compliance with the conditions of this designation-by both site inspections and checking of associated documentation to the extent necessary to ensure the work is completed in accordance with the approved plans and specifications and to WDC's standards, relevant to the following matters:* *a) Construction Traffic Management* *b) Construction Noise and Vibration* *c) Urban and landscape design* *d) Visual Effects* *Should an inspection be required to be undertaken by the WDC the Requiring Authority is expected to pay the WDC's charges pursuant to Section 36(1)(c) of the Resource Management Act 1991 to enable WDC to recover its actual and reasonable costs in carrying out the inspections.*