

ACRONYMS AND ABBREVIATIONS

Acronym/Term	Description
AADT	Annual Average Daily Traffic
ACM	Asbestos containing material
AEE	Assessment of Effects on the Environment
AEP	Annual exceedance probability
AMP	Avifauna Management Plan
BCR	Benefit cost ratio
BPO	Best Practicable Option
CAS	Crash Analysis System
CASANZ	Clean Air Society of Australia and New Zealand
CAQMP	Construction Air Quality Management Plan
CASANZ GPG	CASANZ Good Practice Guide for the Assessment and Management of Air Pollution from Road Transport Projects
CAU	Census Area Unit
CBD	Central Business District
Change 1	Proposed Change 1 to the Regional Policy Statement for the Wellington Region
CIA	Cultural Impact Assessment
CMA	Coastal Marine Area
CMU	Coastal Water Management Unit
CNVMP	Construction Noise and Vibration Management Plan
CO	Carbon Monoxide
CPTED	Crime Prevention Through Environmental Design
CSMP	Contaminated Site Management Plan
CTTMP	Construction Traffic and Transport Management Plan
CWTMP	Construction Water Treatment Management Plan
DBC	Detailed Business Case
District Plan	Wellington City 2024 District Plan: Appeals Version
DoC	Department of Conservation
DRI	Dust Risk Index
DSI	Detailed Site Investigation
EclA Guidelines	Ecological Impact Assessment Guidelines 2018
EPA	Environmental Protection Authority
ESC	Erosion and Sediment Control
ESMP	Erosion and Sediment Management Plan
EWS	Electronic Weather Station
FDS	Wairarapa-Wellington-Horowhenua Future Development Strategy
FENZ	Fire and Emergency Services NZ
FTAA	Fast-track Approvals Act 2024
FTEs	Full-Time Equivalent Workers
GDP	Gross Domestic Product
GPS	Government Policy Statement on Land Transport 2024-34
GRPA	Government Rooding Powers Act 1989
GSMCP	Groundwater and Settlement Monitoring Contingency Plan
GWRC	Greater Wellington Regional Council
HAIL	Hazardous Activities and Industries List
HCV	Heavy Commercial Vehicles
HHMP	Historic Heritage Management Plan
HILP	High Impact, Low Probability
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
HSR	Highly Sensitive Receivers
IAQM	Institute of Air Quality Management
ICB	Inner city bypass
ICM	Integrated Catchment Model

ISC	Infrastructure Sustainability Council
KMP	Kororā Management Plan
LAWA	Land, Air, Water Aotearoa
LCV	Light Commercial Vehicle
LGA	Local Government Act 2002
LGWM	Let's Get Wellington Moving
LIHP	Low Impact, High Probability
LMP	Lizard Management Plan
LN3	Low-noise road surface that reduces the acoustic footprint by approximately 3dB compared to conventional dense-graded asphalt; epoxy-modified porous asphalt with a minimum thickness of 40mm
LN5	Low-noise road surface that reduces the acoustic footprint by approximately 5dB compared to conventional dense-graded asphalt; epoxy-modified porous asphalt with a minimum thickness of 50mm
LTMA	Land Transport Management Act 2003
LTP	Long Term Plan
LTSMP	Long Term Site Management Plan
MACA	Marine and Coastal Area (Takutai Moana) Act 2011
MBCB	Monetised Benefits and Costs Manual
MCA	Multi Criteria Analysis
MCH	Ministry for Culture and Heritage
MfE	Ministry for the Environment
MfE GPG ADM	MfE Good Practice Guide for Atmospheric Dispersion Modelling
MfE GPG Dust	Ministry for the Environment Good Practice Guide for Assessing and Managing Dust
MfE GPG LT	MfE Good Practice Guide for Assessing Discharges to Air from Land Transport
MOE	Ministry of Education
MSE	Mechanically Stabilised Earth
MWSG	Mana Whenua Steering Group
NES-AQ	National Environmental Standards for Air Quality Regulations 2004
NES-CS	National Environmental Standards for Managing Contaminants in Soil to Protect Human Health 2011
NES-F	National Environmental Standards for Freshwater 2020
Ngāti Toa	Ngāti Toa Rangatira
NLTP	National Land Transport Programme
NoR	Notice of Requirement
NO2	Nitrogen Dioxide
NPG	The SH1 Wellington Improvements Network Planning Group
NPS-FM	National Policy Statement for Freshwater Management 2020
NPS-I	National Policy Statement for Infrastructure 2025
NPS-IB	National Policy Statement for Indigenous Biodiversity 2023
NPS-NH	National Policy Statement for Natural Hazards 2025
NPS-UD	National Policy Statement for Urban Development 2020
NRP	Natural Resources Plan for the Wellington Region 2023
NZAAQG	New Zealand Ambient Air Quality Guidelines
NZAA	New Zealand Archaeological Association
NZCPS	New Zealand Coastal Policy Statement 2010
NZS6803	New Zealand Standard 6803:1999: Acoustics – Construction Noise
NZS6806	New Zealand Standard 6806:2010 Acoustics – Road traffic noise – New and altered roads
NZTA	NZ Transport Agency Waka Kotahi
NZTA Guide	Guide to assessing Air Quality Impacts from State Highway Project v3
Outline Plan	Outline Plan of Works
PAH	Polycyclic Aromatic Hydrocarbons
PC1	Proposed Plan Change 1 to the Natural Resources Plan
PM10	Particulate matter smaller than 10 microns
PM2.5	Particulate matter smaller than 2.5 microns
PNBST	Port Nicholson Block Settlement Trust

PSI	Preliminary Site Investigation
PPF	Protected Premises and Facilities (relates to New Zealand Standard NZS 6803 and includes residences, schools, marae and parts of hospitals)
PWA	Public Works Act 1981
RL	Reduced Level
RLTP	Regional Land Transport Plan
RMA	Resource Management Act 1991
RoNS	Roads of National Significance
RPS	Regional Policy Statement for the Wellington Region
RSI	Regionally Significant Infrastructure
SAL	Special Amenity Landscape
SH1	State Highway 1
SLUR	Selected Land Use Register
SMP	Stormwater Maintenance Plan
SPR	Source-Pathway-Receptor
SQP	Suitably Qualified Person(s)
SRIA	Social and Recreation Impact Assessment
SS-CSMP	Site-Specific Contaminated Soil Management Plan
SSESCPs	Site-Specific Erosion and Sediment Control Plans
Taranaki Whānui	Taranaki Whānui ki Te Upoko o te Ika
Town Belt	Wellington Town Belt
TARP	Trigger – Action – Response - Plan
TBMP	Wellington Town Belt Management Plan 2018
TPH	Total Petroleum Hydrocarbons
TSP	Total suspended particulates
TSS	Total suspended sediment
µg/m3	micrograms per cubic metre
ULDMP	Urban and Landscape Design Management Plan
UTM	universal transverse Mercator
VEPM	NZTA Vehicle Emissions Prediction Model version 7.2
VHT	Vehicle-Hours Travelled
WasteMINZ	Waste Management Institute New Zealand
WCC	Wellington City Council
WEBs	Wider economic benefits
WEGC	Wellington East Girls College
WHO	World Health Organisation
WTBA	Wellington Town Belt Act 2016
WTAU	Wellington Transport Analytics Unit
WTSM	Wellington Transport Strategy Model
ZOI	Zone of Influence

DEFINED TERMS

Acronym/Term	Description
Application	The applications for resource consents, alteration to designation, archaeological authority and wildlife approvals
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
Bulk Excavation	Includes all excavation that includes removal, movement, or addition of earth, rock, and soil excluding that associated with Enabling Works.
Category C Building	Protected Premises and Facilities that meet the Category C criterion as defined in New Zealand Standard NZS 6806:2010 <i>Acoustics – Road traffic noise – New and altered roads</i>
Certification	Confirmation from the relevant Council that a management plan has been prepared in accordance with the condition to which it relates.

CNVMP Schedule	A schedule to the CNVMP
Consent Holder	New Zealand Transport Agency Waka Kotahi
Construction Works	Activities undertaken to construct the Project excluding Enabling Works
Council	Wellington City Council or Greater Wellington Regional Council
Damage	Includes Aesthetic, Serviceability, and Stability, but does not include Negligible Damage, as described in Table 1 Building Damage Classification (as determined by Burland 1997).
Designation	The NZTA-1 designation included in the District Plan
Designation Boundary	The boundary of the area of land subject to the 'existing designation' and 'proposed alteration to designation' areas shown on the RMA approvals drawings
District Plan	Wellington City 2024 District Plan: Appeals Version
Do Minimum	In the context of transport modelling outputs, refers to the future transport environment without the Project
Enabling Works	Preparatory works and investigations to enable Construction Works, including the following: (a) archaeological site investigations (b) contaminated land investigations (c) geotechnical investigations (including trial embankments) (d) formation of access for geotechnical and other site investigations (e) establishment of construction yards and offices, and temporary buildings including temporary tunnel control buildings (f) constructing and sealing (if necessary) site access roads and site access points to the Project Site and private property (g) establishment of fences, boundary treatments and safety devices (h) demolition or removal of buildings and structures, other than heritage buildings and structures. Demolition of buildings built prior to the year 2000 or where asbestos containing materials are likely to be present must comply with the conditions of Consent [WCC NES Contaminated Land consent reference] (i) filling the pilot hole tunnel at Mt Victoria (j) vegetation protection, and vegetation removal works except within the Wellington Town Belt (other than minor trimming and removal associated with geotechnical and site investigation works) (k) investigation, protection and relocation of services except where it involves dewatering exceeding 1 month or posing a risk of ground subsidence; and establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls and planting).
Hataitai Connection bridge	Proposed bridge across SH1 serving as a connection between the highway, Hataitai Village and Hataitai Park
Hataitai active modes bridge	Proposed bridge to serve cyclists and pedestrians between Hataitai Village and Hataitai Park, replacing existing pedestrian bridge
Legal Submissions	State Highway 1 Wellington Improvements project - Opening Legal Submissions document
Network Utility Operator	Has the same meaning as in section 166 of the RMA
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Preferred Option	Refers to 'the Project' in the context of transport modelling outputs
the Project	State Highway 1 Wellington Improvements Project
Project alignment	The alignment of the SH1 carriageway with the Project in place
Project area	The area within the Designation Boundary, and immediate surrounds to the extent Project works extend beyond this boundary, as illustrated on the RMA approvals drawings included in Part B, Appendix B
Project Works	All Construction Works and Enabling Works

Requiring Authority	New Zealand Transport Agency Waka Kotahi
Resilience	The ability to continue to provide functionality or rapidly return to functionality in the event of adverse events
Risk	The uncertainty or potential for loss, damage, or negative outcomes resulting from an action or event, often measured as a combination of the likelihood of an event and its consequences
Road Controlling Authority	NZTA or Wellington City Council (as relevant)
Service(s)	Include fibre optic cables, sanitary drainage, stormwater drainage, gas and water mains, power and telephone installations and infrastructure, road infrastructure assets such as footpaths, kerbs, catch-pits, pavements and street furniture.
Settlement	Downward movement of the ground surface (and overlying structures) due to applied load (from addition of buildings or embankments)
Stage (of the Project)	A specific stage, or area of work associated with the Construction Works for the Project
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Subsidence	Downward movement of the ground surface without any load applied at the surface
Suitably Qualified Person / SQP	A person (or persons) who can provide sufficient evidence to demonstrate their suitability and competence in the relevant field of expertise
Sussex Street trench	Proposed grade separation structure at the Basin Reserve where the local road connecting Cambridge/Kent Terrace and Adelaide Road will pass under SH1
Water body	Has the same meaning as in section 2 of the RMA
Wetland(s)	Has the same meaning as in section 2 of the RMA
Working Day	Has the same meaning as in section 2 of the RMA