

Product data description

Vicmap™ Address

Version 6.0 January 2017
Applies to data model 6.1 October 2016

AS/NZS ISO 19131:2008 compliant



Environment,
Land, Water
and Planning

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Document history

Version	Date	Author	Note
3.0	April 2011	R Davison	Implementing Vicmap Change Notice # 143. Ie. Aligning product documentation (Product Description, ADDRESS_BLG_UNIT_TYPE' reference table, and 'ADDRESS_FLOOR_TYPE' reference table) to the current product. Other minor corrections made. Updated Appendix A1 with current version of reference table 'ROAD_TYPE (added DIVIDE/DIV and YARD/YARD).
4.0	July 2013	R McCutcheon	Updated MoG changes.
5.0	May 2016	M Witkowski J LeLievre K Rees R Morrison	Updated content & template. Added CHAL/CHALET to address_blg_unit_type in Reference Table 1. Updated references.
6.0	January 2017	R Morrison J LeLievre	Incorporated <i>LOCATION_DESCRIPTOR</i> field length change Updated ANZLIC ID for Address2 Updated Data Model New DELWP template

This document has been formatted and structured in compliance with AS/NZS ISO 19131:2008 Geographic Information – Data product specifications.

Publication Approval

Before this is approved - compliant metadata must be completed in MetaShare.

Title:	Vicmap Data Services Manager	Title:	Foundation Data Portfolio Manager
Signature:		Signature:	
Date:		Date:	

Title:	Vicmap Production Manager
Signature:	
Date:	

An approved printed copy must be maintained in an appropriate DELWP TRIM file.

Table of Contents

Document history	1
Publication Approval.....	1
Table of Contents	2
Overview	3
Vicmap™	3
Data product specification title.....	3
Responsible party	3
Terms and definitions	4
Acronyms	5
Informal description of the data product	6
Specification scope.....	6
Level	6
Extent & coverage	6
Data product identification.....	6
Title	6
Alternative title.....	6
Abstract	6
Topic category	6
Data content and structure.....	7
Data content.....	7
Data models	7
Data dictionary.....	7
Data structure	7
Reference systems.....	8
Data quality	8
Accuracy	8
Feature and attribute accuracy (Thematic accuracy)	8
Completeness	9
Data capture.....	10
Data maintenance.....	10
Data product delivery.....	10
Access & licensing.....	10
Metadata	11
Appendix A: Data & object models.....	12
Appendix B: Data dictionary	13
Appendix C: Database & Reference tables.....	23

Overview

Vicmap™

Vicmap™ is the foundation that underlies most spatial information in Victoria. This portfolio of spatial related authoritative data products, made up from individual datasets, is developed and managed by the Department of Environment, Land, Water & Planning. The information provides the foundation to Victoria's primary mapping and spatial information systems, and is for building business information and systems.

Vicmap is a registered trademark of the Victorian Government and is synonymous with authoritative statewide mapping since 1975.

The Vicmap portfolio includes:

Vicmap Address

Vicmap Admin

Vicmap Crown Land Tenure

Vicmap Elevation

Vicmap Features of Interest

Vicmap Hydro

Vicmap Imagery

Vicmap Lite

Vicmap Planning

Vicmap Position

Vicmap Property

Vicmap Topographic Mapping

Vicmap Transport

Vicmap Vegetation

Vicmap data is supported by a collection of Reference Tables, Vicmap Reference Tables. A reference table may list the full name, description and other attributes associated with a feature code or identifier.

Further information can be found at www.delwp.vic.gov.au/vicmap

Data product specification title

Vicmap™ Address

Responsible party

Department of Environment, Land, Water and Planning

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Terms and definitions

For the purpose of this document, the following terms and definitions apply.

Term	Definition
ANZLIC ID	A unique identifier enabling metadata records to be discovered and differentiated within a structured data library.
Attribute	A characteristic of a feature that may occur as a type or an instance.
Custodian	An organisation responsible for ensuring the accuracy, currency, distribution of their data and the terms and conditions of access and use.
Data type	Specification of a value domain with operations allowed on values in this domain Refer to AS/NZS ISO 19103
Dataset	Identifiable collection of data. Maybe as small as a single feature or feature attribute contained within a larger dataset. A hardcopy map maybe considered a dataset. Refer to AS/NZS ISO 19115
Domain	A well-defined set both necessary and sufficient, as everything that satisfies the definition in the set and everything that does not satisfy the definition is necessarily outside the set. Refer to ISO/TS 19103
the Department	Meaning the Department of Environment, Land, Water & Planning (DELWP).
Entity	A unit of data that can be classified and have stated relationship with other entities.
Feature	An abstraction of real-world phenomena. A feature may occur as a type or an instance. Feature type or instance shall be used when only one is meant. The feature structure of the feature based data model can be summarised as: feature instance = [spatial object + attribute object]
Metadata	Metadata is 'data about data' and provides a synopsis about the data lineage, accuracy and details about access permissions. Refer to ISO 19115 Geographic information — Metadata
Persistent Feature Identifier (PFI)	The unique code provide at creation of the feature which remains until the feature is retired.
Product	Dataset or dataset series that conforms to a data product specification.
Quality	Totality of characteristics of a product that bear on its ability to satisfy stated and implied needs. Refer to: ISO 19113 Geographic information — Quality principles ISO 19114 Geographic information — Quality evaluation procedures
the State	Victoria.
Unique Feature identifier (UFI)	Each feature is uniquely identified and renewed with each change.

Acronyms

For the purpose of this document, the following acronyms may apply.

Acronym	Definition
DALA	DELWP Data Access License Agreement
DELWP	Department of Environment, Land, Water & Planning
DSV	Data Search Victoria
GNSS	Global Navigation Satellite Systems
NES	Notification for Editing Service
PIQA	Property Information Quality Audit
SDM	Spatial DataMart
VGDD	Victorian Government Data Directory
VMADD	Vicmap Address

Informal description of the data product

Vicmap Address is Victoria's authoritative geocoded database of property address points for the State. The product includes predominately, but not exclusively locational property address identifiers assigned by Local Government, considered to be the primary creator and Custodian of property addresses. Additional, where accessible, other 'real life' property addresses created and used by the community, (but not recognised by Local Government) including retirement villages, assisted care facilities, industrial, alpine resorts and public housing estates etc.

Vicmap Address can be used to map the location of addressed assets or to verify the content of business address data.

Product updates are made available weekly through the Vicmap maintenance lifecycle. The data is sourced from authoritative Custodians via the DELWP Custodianship Program.

Specification scope

Level

Dataset.

Extent & coverage

Vicmap Address covers the State of Victoria.

Data product identification

Title

Vicmap Address

Alternative title

VMADD

Abstract

Vicmap Address is feature based dataset containing address points. Key inclusions are:

- Street number and street name
- Locality
- Cross reference to Local Government
- Post code and State
- Cross reference to Vicmap Property, and
- Census District Attribute.

Specifically excluded are non-property related, and electronic address details such as email, post office (PO) boxes, roadside delivery points (RSD's), roadside mail boxes (RMB's) and the like.

The minimum address attributes required for a property address to be included in Vicmap Address are road name and locality. However, the standard address details include the unit/house number(s), road name (including any type or suffix) and locality (town/suburb/rural district).

VMADD is maintained with Vicmap Property (VMPROP) whereby every Vicmap Address related to a Vicmap Property feature, joined through a *PROPERTY_PFI* link.

Topic category

Location.

Data content and structure

Data content

Vicmap Address contains feature based vector data (points) to represent address information. It contains the following datasets:

ANZLIC ID	Dataset name	Description	Feature type
ANZVI0803003126	VMADD_ADDRESS	Point locational property addresses	Point
ANZVI0803005618	VMADD_ADDRESS2	Supply dataset split due to file size limitations	Point

Table 1: Datasets that comprise Vicmap Address.

Data models

See Appendix A.

The Vicmap Address product data model is published on the Department's website www.delwp.vic.gov.au/vicmap.

Data dictionary

See Appendix B.

Data structure

Vector file, with address details attributed to geocoded property address features, represented as points.

Addresses must belong to one of two classes: (S)tandard and (M)iscellaneous, and are attributed accordingly using the *ADDRESS_CLASS* column.

Standard addresses will satisfy users requiring fully attributed address data. Standard property addresses are those addresses normally associated with an address product. The basic address attributes *HOUSE_NUMBER_1*, *STREET_NAME*, *STREET_TYPE* and *LOCALITY* of standard addresses must be populated. Standard addresses include all full addresses relating to both 'proposed' and 'approved' properties.

Miscellaneous addresses are those that do not have the full component of the standard addressing (i.e. missing house number 1).

Rules and/or characteristics that apply to all Vicmap data:

- A Persistent Feature Identifier (PFI) is generated once for each feature at the point of creation and remains constant until a feature is retired. A PFI is unique to, and cannot be reused within a particular table. However, you may have the same PFI number in different tables but does not relate to the same feature entity.
- The Unique Feature Identifier (UFI) is generated for each feature at the point of creation and changes with each modification or version. This allows users to track the changes made to a feature over time.

Reference Tables including codelists and are found in VMREFTAB. The table VMREFTAB.REFERENCE_TABLE_RELATIONSHIP describes the links from this product tables to the Reference Tables. Refer to Appendix C for the database & reference tables associated with VMADD.

Reference systems

Vicmap Address is mapped to the Geocentric Datum of Australia (GDA) and the Australian Height Datum (AHD). Data is held in geographic latitude and longitude computed in terms of the GDA at 01 January 1994 (GDA94).

The temporal reference system for Vicmap is the Gregorian calendar.

Data quality

Accuracy

Vicmap Address has been built on the existing Vicmap Property framework and maintains a strong relative positional accuracy. Therefore, any deficiency within Vicmap Property data has been inherited by the overlying address point: vertical alignment with other Vicmap datasets is retained.

Area	Vicmap Property Source Mapping Scales	Nominal Positional Accuracy*
Developing Urban	Survey accurate CAD files	±0.1m
Melbourne Metropolitan Area	1:480 and 1:500	±0.5m
Rural Urban	1:2,500	±2.5m
Urban Fringe	1:10,000	±10m
Rural	1:25,000 & 1:50,000	±25m

* *Positional Accuracy error as measured against the geodetic network of Australia.*

Table 2: Mapping scales & respective positional accuracy.

Rural property entrance locations for distance based addressing (i.e. Rural Road Numbers) captured via GNSS or sub-meter accuracy aerial imagery. Urban addresses are generally located at an 8m offset from the relevant property road frontage based on scale of capture (between 1:500 and 1:2,500) of the original Vicmap property data.

The following procedures are undertaken as normal update/maintenance routines, to ensure conformity of the data to specification:

- Customised menus for data editing which provide on the fly logical consistency attribute checking as data is edited
- Automated data QA processes to validate topological integrity, completeness and logical consistency
- Automated data loading routines, reflecting business rules for data population, to ensure data accuracy
- Independent review of data upon loading including aspatial attributes, spatial extents and successful data load
- Validation of accepted types according to approved reference tables
- Validation of entity PFI/UFI tags for uniqueness.

Feature and attribute accuracy (Thematic accuracy)

Vicmap Address feature and attribute accuracy is a measure of the degree to which the features and attribute values of spatial objects agree with those provided by the Custodian.

The allowable error rates in attribute accuracy are:

- 1% - where the custodial source has identified. (i.e. *SOURCE* = 'LGO') and the address has been verified within the previous 12 months (i.e. *SOURCE_VERIFIED* = date within 12 months)

- 5% - where the address has not been verified in the previous 12 months
- i.e. *SOURCE_VERIFIED* = date older than 12 months
- 10% - where the custodial source has not been identified (historical data)
i.e. *SOURCE* = 'UNK'

Vicmap Address relies on the Custodial source for accuracy against ground truth (real world). The Department may conduct ad hoc audit for due diligence.

Completeness

Break up into Dataset theme and coverage, Attribute completeness, and Quality Scope, if required. The only current measure of completeness is the annual Property Information Quality Audit (PIQA). This audit of Vicmap Property & Vicmap Address against Local Government Property & Rates data provides a meaningful measure of Local Government assigned addresses. The percentage of completeness for each Local Government is shown below. Addresses assigned by other sources are yet to be audited. However, it is important to understand that in excess of 99% of property addresses are assigned by Local Government.

Municipality Name	2015/2016 %	Municipality Name	2015/2016 %
Alpine Shire	99.13	Mansfield Shire	95.99
Ararat Rural City	99.35	Maribyrnong City	98.24
Ballarat City	98.04	Maroondah City	99.18
Banyule City	97.65	Melbourne City	97.47
Bass Coast Shire	96.65	Melton City	99.06
Baw Baw Shire	96.63	Mildura Rural City	99.59
Bayside City	99.47	Mitchell Shire	97.80
Benalla Shire	98.23	Moira Shire	98.49
Boroondara City	95.22	Monash City	97.85
Brimbank City	97.22	Moonee Valley City	99.38
Buloke Shire	99.63	Moorabool Shire	97.81
Campaspe Shire	98.47	Moreland City	98.98
Cardinia Shire	98.71	Mornington Pen. Shire	97.68
Casey City	98.35	Mt Alexander Shire	97.68
Central Goldfields Shire	96.37	Moyne Shire	96.53
Colac Otway Shire	94.11	Murrindindi Shire	98.78
Corangamite Shire	99.62	Nillumbik Shire	99.32
Darebin City	85.11	Nthn Grampians Shire	99.77
East Gippsland Shire	95.47	Port Phillip City	97.44
Frankston City	99.38	Pyrenees Shire	95.83
Gannawarra Shire	98.59	Queenscliffe Borough	96.91
Glen Eira City	99.66	South Gippsland Shire	98.41
Glenelg Shire	98.33	Sthn Grampians Shire	97.70
Golden Plains Shire	99.23	Stonnington City	94.99
Greater Bendigo City	99.62	Strathbogie Shire	99.82
Greater Dandenong City	99.39	Surf Coast Shire	98.40
Greater Geelong City	99.32	Swan Hill Rural City	98.12
Greater Shepparton City	97.63	Towong Shire	98.83
Hepburn Shire	97.03	Wangaratta Rural City	99.62
Hindmarsh Shire	98.17	Warrnambool City	98.76
Hobsons Bay City	98.64	Wellington Shire	97.34
Horsham Rural City	99.10	West Wimmera Shire	98.54
Hume City	98.11	Whitehorse City	98.82
Indigo Shire	94.10	Whittlesea City	98.56
Kingston City	99.14	Wodonga Rural City	97.09
Knox City	97.28	Wyndham City	95.98

Latrobe Shire	98.69	Yarra City	98.44
Loddon Shire	94.58	Yarra Ranges Shire	99.60
Macedon Ranges Shire	97.61	Yarriambiack Shire	61.07
Manningham City	99.22		95.99
Average %			97.42

Table 3: Vicmap Address percentage of completeness 2015/2016 audit.

The 2015/16 audit against Local Government addressing revealed a 97.42% match rate. Key validation fields are 'SOURCE' and 'SOURCE_VERIFIED', respectively indicating the address source and date last validated against that source.

Quality Assurance and validation routines are constantly being developed and applied in order to minimize any discrepancies or errors that may exist therein. However, both historical and ongoing non-compliance with current AS/NZS 4819:2011 by local governments, make this a work in progress.

Data capture

Typically Vicmap relies heavily on the agreements and MoU's signed with authoritative Custodians, through the *DELWP Custodianship Program*, for its data. Vicmap Address relies primarily on Local Government for address.

For unincorporated areas authoritative Custodians are sought for each, such as Alpine resorts and shopping centres.

Data maintenance

Vicmap products can change under one of the following three terms:

- *Vicmap maintenance* - The incorporation of new data to an existing dataset via an M1, spatial change requests or scheduled Custodial supply. No changes are made to the data or object model, therefore does not require change management processes. Additions can be seen in the weekly Vicmap update.
- *Vicmap Improvements* – Changing existing data, example the moving of a feature or adding of attributes. Typically carried out as part of a project through the provision of new Custodial data requiring change management.
- *Vicmap upgrades* – Significant changes to a dataset that may see existing data over a large area replaced and/or may require the data model changed. Change management processes are applied.

Approximately 5% of all maintenance advice notices processed are separately audited by DELWP to confirm accuracy, completeness and correctness in the capture process.

Data product delivery

Access & licensing

Vicmap Address is freely available through the Victorian Government Data Directory (VGDD) at www.data.vic.gov.au under a Creative Commons Attribution 3.0 Australia license.

The Victorian Government Data Directory also provides details such as:

- Timetable for release
- Usage and availability restrictions

- License restrictions and conditions
- Access constraints
- Exclusion of liability
- Supply and media formats
- Projections.

Vicmap is also available through a network of Data Service Providers listed at:

www.delwp.vic.gov.au/vicmapdsp

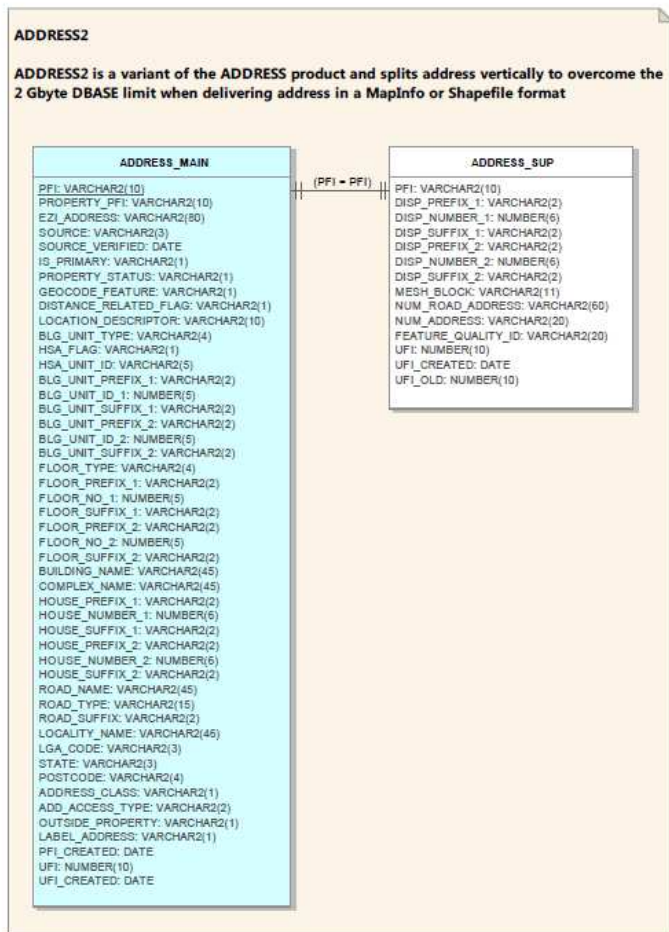
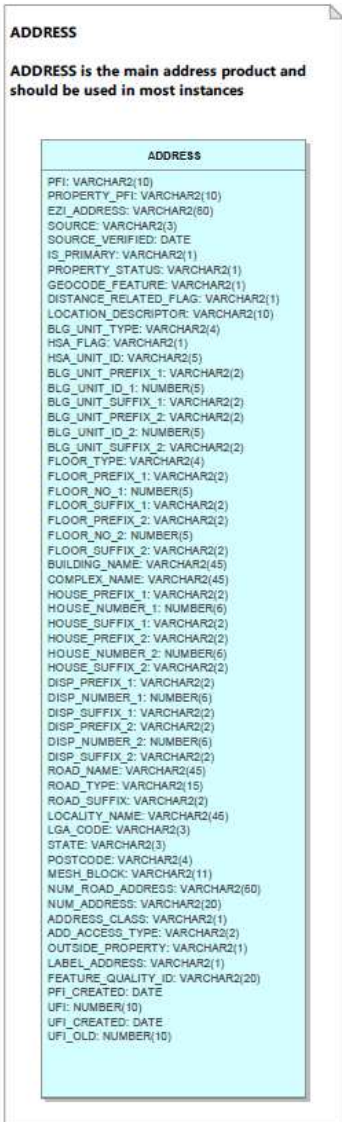
Historical versions of Vicmap data is only available under special and exceptional circumstances, such as a legal proceeding, and may incur an administration fee.

Metadata

The metadata, abstract, and preview for the datasets within Vicmap products can be viewed at DataSearch Victoria (DSV) located at www.delwp.vic.gov.au/datasearch by searching for the ANZLIC ID.

Appendix A: Data & object models

Vicmap data models can be located at www.delwp.vic.gov.au/vicmap.



Appendix B: Data dictionary

Index to fields (attributes)

VMADD Attribute	Definition	Explanation	Field type/size	Examples
PFI	Persistent Feature Identifier	Uniquely identifies each address record. Persists through either attribute or spatial representation changes. i.e. Remains for the life of the address object it identifies.	VARCHAR2(10)	167456342
property_pfi	VICMAP PROPERTY Persistent Feature Identifier	Uniquely identifies each property record. Persists through either attribute or spatial representation changes. i.e. Remains for the life of the address object it identifies.	VARCHAR2(10)	962929590
ezi_address	Concatenation of blg_unit_*, house_*, road_name/type/suffix, plus locality & postcode fields	Concatenation of key address attribute fields to provide a unique address for either data matching or data labelling.	VARCHAR2(80)	2/42 CLONAIG STREET BRIGHTON EAST 3187 56-58 DARGO STREET SALE 3850
source	Definitive (where possible) source of property address data	<p>Local Government are the creators & by default the custodians of 99+% of property addresses. Each address identified in the annual Property Identifier Quality Audit (PIQA) as matching the property address sourced from Councils' property data, will have the <i>source</i> field updated with a 'LGO' (= Local Govt. Official). N.B. The actual municipality is known via the mandatory populated <i>lga_code</i>. Similarly, each address received through the PIP maintenance stream will also have the <i>source</i> field updated with a 'LGO'</p> <p>Expectation is that all remaining addresses will be flagged for investigation, the existence confirmed and source identified.</p> <p>Accordingly:</p> <ul style="list-style-type: none"> appropriate reference codes to be created for other valid ("real life") addresses all redundant, superseded or otherwise invalid 	VARCHAR2(3)	<p><i>source</i> options include:</p> <ul style="list-style-type: none"> AR = Alpine Resorts Coordinating Council LGO = Local Government Official LGU = Local Government Unofficial LR = Land Registry SPE = SPEAR VAC = Victorian Address Custodian UNK = Unknown <p>Reference table : VMREFTAB.ADDRESS_SOURCE.SOURCE_CODE</p>

VMADD Attribute	Definition	Explanation	Field type/size	Examples
		<p>addresses will be retired</p> <ul style="list-style-type: none"> All addresses will ultimately have the <i>source</i> field populated 		
source_verified	Date address was last verified against the defined source dataset.	Supplements the <i>source</i> field, revealing the latest date the address was verified by the source. Although the address <i>ufi_created</i> date indicates the time of most recent modification. A <i>ufi_created</i> date of many years ago does not mean the address is incorrect, but promotes the likelihood of the validity being questioned.	DATE	08/02/2009
is_primary	Primary or secondary property address	Local Government properties are assigned and identified by a single property address, but alternative or silent addresses are sometimes linked to properties for means of alternative access or future subdivision.	VARCHAR2(1)	<p>is_primary options:</p> <ul style="list-style-type: none"> Y = Yes, the property's main (primary) address N = No, not the property's main (primary) address. i.e. an alternative property (secondary) address <p>Reference table : VMREFTAB.ADDRESS_IS_PRIMARY.IS PRIMARY_CODE</p>
property_status	Indicates whether the address is associated with a "proposed" or "approved" property	<p>Currently linked to the associated VICMAP PROPERTY property and parcel record/s</p> <p>The parcel/property/address status is based on Land Registry's approval of the relevant plan of subdivision.</p> <p>The <i>parcel_status</i> is mirrored in <i>property_status</i> in VMPROP, and subsequently carried through to the VICMAP ADDRESS <i>property_status</i>.</p>	VARCHAR2(1)	<p>property_status options:-:</p> <ul style="list-style-type: none"> P = Proposed - indicates the plan of subdivision yet to be approved A = Approved - indicates the plan of subdivision approved (& certificate of titles issued) <p>Reference table : VMREFTAB.PR_STATUS.STATUS_CODE</p>

VMADD Attribute	Definition	Explanation	Field type/size	Examples
geocode_feature (formerly address_type)	Indicates if the address point location is representative of the property entrance	Each primary address is created at the same time the property polygon/record is created,. It is by default at a virtual location offset approx. 8 metres from the property road frontage. An address is attributed as representing a property entrance, only when the coordinates are specified by the source, at a time after the initial creation. A geocode_feature = E may be distance_based_flag = Y or N	VARCHAR2(2)	geocode_feature options:- <ul style="list-style-type: none"> E = Entrance Point – indicates the address point is representative of the property entrance or access point. V = Virtual Point – indicates the address point is somewhere in the property polygon (unless the <i>outside_property</i> = Y). Generally near centre of the property road frontage at an offset of 8 metres Reference table : VMREFTAB.GEOCODE_FEATURE.GEOCODE_FEATURE_CODE
distance_related_flag	Indicates if the number populated in <i>house_number_1</i> has been allocated based on distance.	The RRN is equal to the number of metres the property entrance is located from the start of the road, divided by ten. The number is rounded down to that odds are on the left and evens on the right as the numbers increase.	VARCHAR2(1)	distance_related_flag options:- <ul style="list-style-type: none"> Y= Yes, the number is a distance based number N = No, the number is not a distance based number. i.e. sequentially allocated (odds/evens) Reference table : VMREFTAB.ADDRESS_DISTANCE_RELATED_FLAG.DISTANCE_RELATED_FLAG_CODE
location_descriptor	Describes the position of an address relative to another address	Most often utilized where a standard address is not logical, including lack of a number or/and road name. Although a free format field, a reference table has been produced in an attempt to minimize near identical descriptions.	VARCHAR2(10)	Includes: ABOVE, ADJACENT,CORNER etc. Reference table : VMREFTAB.ADDRESS_LOCATION_DESCRIPTOR.LOCATION_DESCRIPTOR
blg_unit_type (formerly premises_type)	Describes the type of sub address property found, generally within a building complex	Describes the type of building sub address, but not always known or populated by Local Government. Default of UNIT is utilized where a type is not provided.	VARCHAR2(4)	blg_unit_type includes: UNIT, OFFC, SHOP, BTSD etc. Reference table : VMREFTAB.ADDRESS_BLG_UNIT_TYPE.BLG_UNIT_TYPE_ABBREVIATION

VMADD Attribute	Definition	Explanation	Field type/size	Examples
hsa_flag	Used to indicate that the addresses have been created in hotel style addressing (HSA).	Used whenever the addresses have been created in hotel style addressing (HSA) format as defined in the AS/NZS4819:2011 Rural and Urban Addressing Standard. Applies to multi-level addressing only.	VARCHAR2(1)	<p><i>hsa_flag</i> options:-</p> <ul style="list-style-type: none"> • Y= Yes, the number is in hotel style addressing format • N = No, the number is not in hotel style addressing format <p>Reference table : VMREFTAB.ADDRESS_HOTEL_STYLE_FLAG. HSA_FLAG_CODE</p>
hsa_unit_id	Hotel style addressing (HSA) format number	The hotel style addressing (HSA) number is a parsing of the level number and the occupancy number. It is limited to 99 occupancies on any one level. Cannot be used if occupancy occupies more than one level.	VARCHAR2(5)	Includes: B101, B201, LG01, G01, UG01, 101, 201, 301, etc
blg_unit_prefix_1	Alpha character preceding the <i>blg_unit_id_1</i>	Extremely uncommon usage - Non-preferred means of creating a unique address. Often where further development has within a large complex has occurred and renumbering is not considered viable.	VARCHAR2(2)	A1
blg_unit_id_1	Number used to distinguish an address within a complex.	Usually adequate without <i>blg_unit_prefix</i> or <i>blg_unit_suffix</i> to distinguish individual building properties within a complex or site. With the exception of boatsheds and bathing boxes, is used in conjunction with a <i>house_*</i> identifier.	NUMBER(5)	1045
blg_unit_suffix_1	Alpha character following the <i>blg_unit_id</i> (number)	Uncommon usage - A non-preferred means of creating a unique address. Often where further development has within a large complex has occurred and renumbering is not considered viable.	VARCHAR2(2)	1 <u>A</u>
blg_unit_prefix_2	Alpha character preceding the <i>blg_unit_id_1</i> (number)	Extremely uncommon usage - Non-preferred means of creating a unique address. Address ranges in building complexes are usually nonsensical. Often the result of a single owner having two properties (possibly not adjoining) in the complex.	VARCHAR2(2)	<u>B</u> 2

VMADD Attribute	Definition	Explanation	Field type/size	Examples
blg_unit_id_2	Number used to distinguish an address within a complex.	Uncommon usage - A non-preferred means of creating a unique address. Address ranges in complexes are usually nonsensical. Often the result of a single owner having two properties in the complex.	NUMBER(5)	1047
blg_unit_suffix_2	Alpha character following the <i>blg_unit_id</i> (number)	Extremely uncommon usage - Non-preferred means of creating a unique address.	VARCHAR2(2)	2 <u>B</u>
floor_type	Distinguishes the floor or level of a multi storey building/complex	Describes the type of floor or level type.	VARCHAR2(4)	<i>floor_type</i> options include: B = Basement G = Ground LG = Lower Ground etc. Reference table : VMREFTAB.ADDRESS_FLOOR_TYPE. FLOOR_TYPE_ABBREVIATION
floor_prefix_1	Alpha character preceding the <i>floor_no_1</i>	Extremely uncommon usage - Non-preferred means of creating a unique floor number where further development has occurred and renumbering is not considered viable.	VARCHAR2(2)	<u>A</u> 1
floor_no_1	Number of the floor/level	Identifies the floor/level number in conjunction with <i>floor_type</i> .	NUMBER(5)	1
floor_suffix_1	Alpha character following the <i>floor_no_1</i>	Extremely uncommon usage - A non-preferred means of creating a unique address. Often where further development within a large complex has occurred and renumbering is not considered viable.	VARCHAR2(2)	1 <u>A</u>
floor_prefix_2	Alpha character preceding the <i>floor_no_2</i>	Extremely uncommon usage - Non-preferred means of creating a unique address Often where further development has within a large complex has occurred and renumbering is not considered viable.	VARCHAR2(2)	<u>A</u> 2
floor_no_2	Second number component of a floor/level range.	Extremely uncommon usage - Identifies the extent of the floor/level range in conjunction with <i>floor_no_*</i> and <i>floor_type</i> attributes. Floor ranges are often nonsensical.	NUMBER(5)	2

VMADD Attribute	Definition	Explanation	Field type/size	Examples
floor_suffix_2	Alpha character following the <i>floor_no_1</i> (number)	Extremely uncommon usage - A non-preferred means of creating a unique address Often where further development has within a large complex has occurred and renumbering is not considered viable.	VARCHAR2(2)	2 <u>A</u>
building_name (aka property name)	Common usage name for an address site, including the name for a building, property.	Used generally as an adjunct to a number/roadname/locality defined address. Often aids visual identification in when locating a property.	VARCHAR2(45)	<ul style="list-style-type: none"> MURDOCH WING HAMER HALL
complex_name	Common usage name for a building complex or group of addressed properties, including shopping centres, universities, retirement homes etc.	Used generally as an adjunct to a number/road name/locality defined address. Often used in conjunction with <i>building_name</i> to aid visual identification in when locating a property.	VARCHAR2(45)	<ul style="list-style-type: none"> CHADSTONE SHOPPING CENTRE MELBOURNE UNIVERSITY
house_prefix_1	Alpha character preceding the <i>house_number_1</i>	Uncommonly used – A non-preferred means of creating a unique address. Often used when further development has occurred and renumbering is not considered viable or for complex addressing.	VARCHAR2(2)	<u>A</u> 1
house_number_1	Identifies the official number of an address in a road	The number assigned by to a property – not usually within a complex. AS/NZS 4819:2011 states "Address Number should comprise of no more than 5 numeric characters and if required a single upper case alpha suffix".	NUMBER(6)	12345
house_suffix_1	Alpha character following the <i>house_number_1</i>	A non-preferred means of creating a unique address. Often used when further development has occurred and renumbering is not considered viable.	VARCHAR2(2)	1 <u>A</u>
house_prefix_2	Alpha character preceding the <i>house_number_2</i>	Extremely uncommon usage – generally an address of multi parcel property that has incorporated a former property with <i>house_prefix_1</i> .	VARCHAR2(2)	<u>A</u> 2
house_number_2	Identifies the official number of an address in a road	Last number in a range of 2 or more numbers that relates to either a large property with the potential to subdivide or a multi parcel property.	NUMBER(6)	12345
house_suffix_2	Alpha character following the <i>house_number_2</i>	Extremely uncommon usage - Non-preferred means of creating a unique address. Generally an address of multi parcel property that has incorporated a former property with <i>house_suffix_2</i> .	VARCHAR2(2)	2 <u>A</u>

VMADD Attribute	Definition	Explanation	Field type/size	Examples
display_prefix_1	Alpha character/s preceding the <i>display_number_1</i>	Extremely uncommon usage – Displayed numbers are usually a simplification of an address range, so prefixes are not utilized.	VARCHAR2(2)	<u>A</u> 1
display_number_1	Number displayed on property, where different to officially assigned number/s	Used predominately in the City of Melbourne CBD by large properties. Primarily to simplify an assigned number range. Displayed fields only populated where overall displayed_* number differs from that officially assigned.	NUMBER(6)	12345
display_suffix_1	Alpha character/s following the <i>display_number_1</i>	Extremely uncommon usage – Displayed numbers are usually a simplification of an address range, so prefixes are not utilized.	VARCHAR2(2)	1 <u>A</u>
display_prefix_2	Alpha character/s preceding the <i>display_number_1</i>	Extremely uncommon usage – Displayed numbers are usually a simplification of an address range.	VARCHAR2(2)	<u>A</u> 2
display_number_2	Last number in a range displayed on the property, where different to officially assigned number/s		NUMBER(6)	12345
display_suffix_2	Alpha character/s following the <i>display_number_2</i>		VARCHAR2(2)	2 <u>A</u>
road_name	Principal component of a road name (<i>road_name+road_type+road_suffix</i>) for a pedestrian or vehicular thoroughfare	Identifies the thoroughfare name. AS/NZS 4819:2011 requires “Road names be unique with any given locality...”. Includes both public and private roads where referenced by a property address.	VARCHAR2(45)	OLD GOLDEN POINT ROAD E
road_type	Supplementary and optional component of road name	Originally a description of the road. e.g. Court – a short enclosed roadway, or Lane – narrow way between walls, trees etc. Often less so now as some very creative and often confusing types have been introduced.	VARCHAR2(15)	OLD GOLDEN POINT <u>ROAD E</u>
road_suffix	Supplementary and optional component of road name – Abbreviation only	Further descriptive component, generally directional. Non preferred means of differentiating often fragmented sections of roads with same <i>road_name</i> & <i>road_type</i> components.	VARCHAR2(2)	OLD GOLDEN POINT ROAD <u>E</u>
locality_name	Officially gazetted name for the bounded suburb or rural	Initially named & bounded in 1998, there are locality name duplicates that are now differentiated with the	VARCHAR2(46)	ECHUCA

VMADD Attribute	Definition	Explanation	Field type/size	Examples
	district as defined by local government and approved by GeoNames	addition of a region name (assigned by ISD) in brackets following the locality name.		
lga_code	Code created and assigned to identify the local government area and unincorporated areas of the State	A code has been assigned for database efficiency and flexibility. Unincorporated areas includes Alpine resorts and French Island.	VARCHAR2(3)	370 = Wellington Shire 384 = Mount Buller Alpine Resort Reference table : VMREFTAB.LGA.LGA_CODE
state	Identifies the Australian state or territory in with the address is located – Abbreviation only	All address data within the Vicmap Address dataset should fall within the State of Victoria (VIC). i.e. <i>state</i> = VIC.	VARCHAR2(3)	VIC Reference table : VMREFTAB.FR_STATE.STATE_CODE
postcode	Australia Post business area identifier (numeric). Assigned in accordance with postal delivery arrangements	Each postcode area generally encompasses one or more localities in their entirety. However the alignment of postcode boundaries with locality boundaries is marginally incomplete in rural Victoria.	VARCHAR2(4)	3129 = Sunbury
cd_num	Census district number	Numbers formerly allocated by the Australian Bureau of Statistics (ABS) to equal areas of population for census data analysis. Now superseded by the mesh blocks	VARCHAR2(4)	2041502
mesh_block	Census block number	Numbers allocated by the Australian Bureau of Statistics (ABS) to equal areas of population for census data analysis. Currently not populated.	NUMBER(11)	Not currently populated
num_road_addresses	Aggregation of <i>blg_unit_*</i> and <i>house_*</i> , identifiers, plus <i>road_name/type/suffix</i> fields	Aggregation of address fields, primarily for labelling in a mapping/GIS environment.	VARCHAR2(60)	1A/57-59 SMORGON ROAD
num_address	Aggregation of <i>blg_unit_*</i> and <i>house_*</i> , identifiers	Aggregation of address fields, primarily for labelling in a mapping/GIS environment.	VARCHAR2(20)	1A/57-59
address_class	Identifies whether the address standard class attributes have been met.	Minimum mandatory addresses require the population of <i>house_number_1</i> , <i>road_name</i> & locality attributes (NB: <i>road_name</i> cannot be 'UNNAMED'). Valid exceptions for mandatory population of <i>house_number_1</i> are where <i>blg_unit_type</i> =	VARCHAR2(1)	Address_class options include: <ul style="list-style-type: none"> • S = Standard • M = Miscellaneous Reference table : VMREFTAB.ADDRESS_CLASS.ADDRESS_CLASS_CODE

VMADD Attribute	Definition	Explanation	Field type/size	Examples
		'BBOX' or "BTSD' and blg_unit_id_1 is populated.		
add_access_type	Indicates the type of access to the property. Abbreviation only.	Access to a property can be either by a land based road, by water way or onto an island without direct access from the mainland.	VARCHAR2(2)	add_access_type options include: <ul style="list-style-type: none"> L = Land – property is accessible by road W = Water – property is only accessible via a water way I = Island – property is located on an island and cannot be accessible directly from the mainland via a road Reference table : VMREFTAB.ADDRESS_ACCESS_TYPE.ACCESS_TYPE_CODE
outside_property	Indicates if the address point location is outside the related Vicmap property polygon. Abbreviation only.	Relates to properties with: <ul style="list-style-type: none"> no abutting road frontage unable to access from road frontage. abuts unnamed road Access over an adjacent property/unnamed road necessitates locating the address point at the point of access from the road the property is addressed to.	VARCHAR2(1)	outside_property options include: <ul style="list-style-type: none"> Y = Yes – address point is outside property polygon N = No – address point is not inside property polygon Reference table : VMREFTAB.ADDRESS_OUTSIDE_PROPERTY.OUTSIDE_PROPERTY_CODE
add_feature_quality_id	Describe the source and quality of the feature.	Indicates the reliability that may be placed in the use of the street number/s as a guide to the location of actual property access points and/or the travelled distance between them.	VARCHAR2(20)	add_feature_quality_id options include: <ul style="list-style-type: none"> RA_No_202 = (Refer Rural Addressing FQ document) RA_No_202 = (Refer Rural Addressing FQ document) Reference table : VMREFTAB.ADDRESS_FEATURE_QUALITY.FEATURE_QUALITY_ID
add_pfi_created	Date the Persistent Feature Identifier (<i>pfi</i>) was created.	Creation date remains unchanged for the life of the address record.	DATE	575757588
ufi	Unique Feature Identifier changes with any attribute or positional change	Every address record assigned a <i>ufi</i> to facilitate change management. The <i>ufi</i> changes whenever an address record position or attribute is changed. Utilised in conjunction with <i>ufi_created</i> .	NUMBER(14)	78896790
ufi_created	Date the Unique Feature	Date will be updated every time the <i>ufi</i> changes. i.e.	DATE	07/08/2008

VMADD Attribute	Definition	Explanation	Field type/size	Examples
	Identifier (<i>ufi</i>) was created.	date of last position or attribute change.		

Appendix C: Database & Reference tables

Table 1 - address_blg_unit_type

BLG_UNIT_TYPE	ABBREVIATION	BLG_UNIT_TYPE	ABBREVIATION
ANTENNA	ANT	MAISONETTE	MSNT
APARTMENT	APT	MARINE BERTH	MBTH
AUTO TELLER MACHINE	ATM	OFFICE	OFFC
BARBEQUE	BBQ	PASSAGEWAY	PSWY
BATHING BOX	BBOX	PENTHOUSE	PTHS
BERTH	BERT	RECEPTION	RPTN
BOATSHED	BTSD	RESERVE	RESV
BUILDING	BLDG	RESTAURANT	REST
BUNGALOW	BNGW	ROOM	ROOM
CAGE	CAGE	SHED	SHED
CARPARK	CARP	SHOP	SHOP
CARSPACE	CARS	SHOWCASE	SHCS
CARWASH	CARW	SHOWROOM	SHRM
CHALET	CHAL	SIGN	SIGN
CLUB	CLUB	SITE	SITE
COOLROOM	COOL	STALL	STLL
COTTAGE	CTGE	STORE	STOR
COURTYARD	CTYD	STRATA UNIT	STR
DUPLEX	DUPL	STUDIO	STU
FACTORY	FCTY	STUDIO APARTMENT	SAPT
FLAT	FLAT	SUBSTATION	SUBS
GARAGE	GRGE	SUITE	SE
GATE	GATE	TENANCY	TNCY
HALL	HALL	TOWER	TWR
HELIPORT	HELI	TOWNHOUSE	TNHS
HOSTEL	HOST	UNIT	UNIT
HOUSE	HSE	VAULT	VLT
KIOSK	KSK	VILLA	VLLA
LEASE	LSE	WARD	WARD
LOBBY	LBBY	WAREHOUSE	WHSE
LOFT	LOFT	WORKSHOP	WKSH
LOT	LOT		

Table 2 - address_class

CODE	CLASS	DESCRIPTION
M	MISCELLANEOUS	Requirements for Standard class attributes are not populated.
S	STANDARD	Mandatory population of <i>house_number_1</i> , <i>road_name</i> & <i>locality</i> attributes. (N.B. <i>road_name</i> cannot be "UNNAMED") Valid exceptions for mandatory population of <i>house_no_1</i> are where <i>blg_unit_type</i> = 'BBOX' or 'BTSD' in conjunction and <i>blg_unit_id_1</i> is populated

Table 3 – distance_relate_flag

CODE	DISTANCE RELATED	DESCRIPTION
N	NO	<i>house_number_1</i> <u>not</u> based on distance related numbering allocation.
Y	YES	<i>house_number_1</i> based on distance related numbering allocation

Table 4 – feature_quality_id

FEATURE_QUALITY_ID	STANDARD	ADDRESS_POINT	MEASURING_EQUIPMENT	NUMBER_RELIABILITY	DESCRIPTION
BR_GNAF					Sourced from GNAF
PAPER_ROAD_ONLY					Refer (a) below
RA_NO_210	CORIO	Centre Property Frontage	PDME	Unknown	Refer (b) below
RA_NO_218	STANDARD VARIATIONS	Centre Property Frontage	Office	Unknown	Refer (b) below
RA_NO_202	AS/NZ 4724 - 2000	Property Access point	Odometer	+/- 100m	Refer (b) below
RA_NO_203	AS/NZ 4724 - 2000	Property Access point	Office	Unknown	Refer (b) below
RA_NO_214	STANDARD VARIATIONS	Property Access point	Odometer	Unknown	Refer (b) below
RA_NO_215	STANDARD VARIATIONS	Property Access point	Office	Unknown	Refer (b) below
RA_NO_207	CORIO	Property Access point	PDME	+/- 20m	Refer (b) below
RA_NO_205	AS/NZ 4724 - 2000	Centre Property Frontage	Odometer	Unknown	Refer (b) below
RA_NO_204	AS/NZ 4724 - 2000	Centre Property Frontage	PDME	Unknown	Refer (b) below
RA_NO_206	AS/NZ 4724 - 2000	Centre Property Frontage	Office	Unknown	Refer (b) below
RA_NO_208	CORIO	Property Access point	Odometer	+/- 100m	Refer (b) below
RA_NO_209	CORIO	Property Access point	Office	Unknown	Refer (b) below
RA_NO_211	CORIO	Centre Property Frontage	Odometer	Unknown	Refer (b) below
RA_NO_212	CORIO	Centre Property Frontage	Office	Unknown	Refer (b) below
RA_NO_213	STANDARD VARIATIONS	Property Access point	PDME	Unknown	Refer (b) below
RA_NO_217	STANDARD VARIATIONS	Centre Property Frontage	Odometer	Unknown	Refer (b) below
RA_NO_216	STANDARD VARIATIONS	Centre Property Frontage	PDME	Unknown	Refer (b) below
RA_NO_201	AS/NZ 4724 - 2000	Property Access point	PDME	+/- 20m	Refer (b) below

(a) The address is not associated with a physical road i.e. the road has not been constructed and not depicted in Vicmap Transport

(b) Rural address quality id provides an indication of the origins and likely accuracy/reliability of the road number relative to the distance from the datum point and between numbers.

Table 5 – floor_type

CODE	FLOOR TYPE	DESCRIPTION
B	BASEMENT	Immediately below the Ground Floor
FL	FLOOR	Floor
G	GROUND	On or closet to ground level
L	LEVEL	Level
LB	LOBBY	Lobby
LG	LOWER GROUND FLOOR	Lower of 2 entrances at ground level
LL	LOWER LEVEL	Basement - non preferred
M	MEZZANINE	Immediate floor, between floor levels
OD	OBSERVATION DECK	Observation Deck
P	PARKING	Parking Area
PD	PODIUM	Podium
PF	PLATFORM	Platform
RT	ROOFTOP	Uppermost level - rooftop
SB	SUB-BASEMENT	Next level down from Basement
UG	UPPER GROUND FLOOR	Higher of 2 entrances at ground level

Table 6 – geocode_feature

CODE	GEOCODE FEATURE	DESCRIPTION
V	VIRTUAL	A virtual address point is located somewhere within the Vicmap property polygon. Usually at a 8 metre offset from the centre of the property road frontage
E	ENTRANCE	An entrance address point is usually located within the Vicmap property polygon to represent the entrance to the property. May be located outside the property polygon (<i>outside_property</i> = Y) when the entrance from the road to which the property is addressed does not abut the property

Table 7 – is_primary

CODE	IS_PRIMARY	DESCRIPTION
Y	YES	The primary or principal (officially recognized) address of the associated property
N	NO	A secondary or alternative to the primary address.

Table 8 – location descriptor

LOCATION DESCRIPTOR	DESCRIPTION
ABOVE	Above or over specified feature/address
ADJACENT	Close to (not necessarily abutting) specified feature/address
BELOW	Below or under specified feature/address
BETWEEN	Between referenced addressing (eg. 45-49 Smith St.)
CORNER	Corner of specific road name
EAST	Eastward direction from specified feature/address
FRONT	Front of specified feature/address
NORTH	Northward direction from specified feature/address
OFF	References road name providing nearest access route
OPPOSITE	Opposite (generally across road) from specified feature/address
PART	Part only of the specified feature/address
REAR	Rear or behind identified feature/address
ROOFTOP	Rooftop of the specified feature/address
SOUTH	Southward direction from specified feature/address
WEST	Westward direction from specified feature/address

Important Note:

The *location_descriptor* attribute is free text data to describe the position of the address relative to another physical site. However, to streamline descriptor variations, the above preferences are presented.

Table 9 – outside property

CODE	OUTSIDE PROPERTY	DESCRIPTION
Y	YES	Address point is located outside the Vicmap property polygon to which it is associated.
N	NO	Address point is located within the Vicmap property polygon to which it is associated.

Table 10 – source

CODE	SOURCE	DESCRIPTION
AR	ALPINE RESORTS	Addresses obtained directly from the Alpine Resorts Coordinating Council (ARCC).
LGO	LOCAL GOVERNMENT – OFFICIAL	Local Government specified in <i>lga_code</i> field - Officially included in VICMAP ADDRESS by LG from definitive LG source data.
LGU	LOCAL GOVERNMENT – UNOFFICIAL	Local Government specified in <i>lga_code</i> field - Unofficially included in VICMAP ADDRESS from definitive LG source data.
LR	LAND REGISTRY	Land Titles Office and Landata
SPE	SPEAR	Addresses obtained from SPEAR
UNK	UNKNOWN	Not known
VAC	VICMAP ADDRESS CUSTODIAN	Vicmap Address(VICMAP ADDRESS) Custodian

Table 11 – lga_code (vmadmin)

CODE	LGA	GAZETTED_LGA_NAME
300	ALPINE	ALPINE SHIRE
301	ARARAT	ARARAT RURAL CITY
302	BALLARAT	BALLARAT CITY
303	BANYULE	BANYULE CITY
304	BASS COAST	BASS COAST SHIRE
305	BAW BAW	BAW BAW SHIRE
306	BAYSIDE	BAYSIDE CITY
307	BOROONDARA	BOROONDARA CITY
308	BRIMBANK	BRIMBANK CITY
309	BULOKE	BULOKE SHIRE
310	CAMPASPE	CAMPASPE SHIRE
311	CARDINIA	CARDINIA SHIRE
312	CASEY	CASEY CITY
313	CENTRAL GOLDFIELDS	CENTRAL GOLDFIELDS SHIRE
314	COLAC OTWAY	COLAC OTWAY SHIRE
315	CORANGAMITE	CORANGAMITE SHIRE
316	DAREBIN	DAREBIN CITY
319	EAST GIPPSLAND	EAST GIPPSLAND SHIRE
320	FRANKSTON	FRANKSTON CITY
321	GANNAWARRA	GANNAWARRA SHIRE
322	GLEN EIRA	GLEN EIRA CITY
323	GLENELG	GLENELG SHIRE
324	GOLDEN PLAINS	GOLDEN PLAINS SHIRE
325	GREATER BENDIGO	GREATER BENDIGO CITY
326	GREATER DANDENONG	GREATER DANDENONG CITY
327	GREATER GEELONG	GREATER GEELONG CITY
328	GREATER SHEPPARTON	GREATER SHEPPARTON CITY
329	HEPBURN	HEPBURN SHIRE
330	HINDMARSH	HINDMARSH SHIRE
331	HOBSONS BAY	HOBSONS BAY CITY
332	HORSHAM	HORSHAM RURAL CITY
333	HUME	HUME CITY
334	INDIGO	INDIGO SHIRE
335	KINGSTON	KINGSTON CITY
336	KNOX	KNOX CITY
337	LATROBE	LATROBE CITY
338	LODDON	LODDON SHIRE

Cont.

CODE	LGA	GAZETTED_LGA_NAME
339	MACEDON RANGES	MACEDON RANGES SHIRE
340	MANNINGHAM	MANNINGHAM CITY
341	MARIBYRNONG	MARIBYRNONG CITY
342	MAROONDAH	MAROONDAH CITY
343	MELBOURNE	MELBOURNE CITY
344	MELTON	MELTON CITY
345	MILDURA	MILDURA RURAL CITY
346	MITCHELL	MITCHELL SHIRE
347	MOIRA	MOIRA SHIRE
348	MONASH	MONASH CITY
349	MOONEE VALLEY	MOONEE VALLEY CITY
350	MOORABOOL	MOORABOOL SHIRE
351	MORELAND	MORELAND CITY
352	MORNINGTON PENINSULA	MORNINGTON PENINSULA SHIRE
353	MOUNT ALEXANDER	MOUNT ALEXANDER SHIRE
354	MOYNE	MOYNE SHIRE
355	MURRINDINDI	MURRINDINDI SHIRE
356	NILLUMBIK	NILLUMBIK SHIRE
357	NORTHERN GRAMPIANS	NORTHERN GRAMPIANS SHIRE
358	PORT PHILLIP	PORT PHILLIP CITY
359	PYRENEES	PYRENEES SHIRE
360	QUEENSCLIFFE	QUEENSCLIFFE BOROUGH
361	SOUTH GIPPSLAND	SOUTH GIPPSLAND SHIRE
362	SOUTHERN GRAMPIANS	SOUTHERN GRAMPIANS SHIRE
363	STONNINGTON	STONNINGTON CITY
364	STRATHBOGIE	STRATHBOGIE SHIRE
365	SURF COAST	SURF COAST SHIRE
366	SWAN HILL	SWAN HILL RURAL CITY
367	TOWONG	TOWONG SHIRE
368	WANGARATTA	WANGARATTA RURAL CITY
369	WARRNAMBOOL	WARRNAMBOOL CITY
370	WELLINGTON	WELLINGTON SHIRE
371	WEST WIMMERA	WEST WIMMERA SHIRE
372	WHITEHORSE	WHITEHORSE CITY
373	WHITTLESEA	WHITTLESEA CITY
374	WODONGA	WODONGA CITY
375	WYNDHAM	WYNDHAM CITY

Cont.

CODE	LGA	GAZETTED_LGA_NAME
376	YARRA	YARRA CITY
377	YARRA RANGES	YARRA RANGES SHIRE
378	YARRIAMBIACK	YARRIAMBIACK SHIRE
379	FRENCH ISLAND (UNINC)	FRENCH ISLAND (UNINCORPORATED)
381	BENALLA	BENALLA RURAL CITY
382	MANSFIELD	MANSFIELD SHIRE
383	MOUNT BAW BAW ALPINE RESORT (UNINC)	MOUNT BAW BAW ALPINE RESORT (UNINCORPORATED)
384	MOUNT BULLER ALPINE RESORT (UNINC)	MOUNT BULLER ALPINE RESORT (UNINCORPORATED)
385	LAKE MOUNTAIN ALPINE RESORT (UNINC)	LAKE MOUNTAIN ALPINE RESORT (UNINCORPORATED)
386	FALLS CREEK ALPINE RESORT (UNINC)	FALLS CREEK ALPINE RESORT (UNINCORPORATED)
387	MOUNT STIRLING ALPINE RESORT (UNINC)	MOUNT STIRLING ALPINE RESORT (UNINCORPORATED)
388	MOUNT HOTHAM ALPINE RESORT (UNINC)	MOUNT HOTHAM ALPINE RESORT (UNINCORPORATED)

Important Note:

This reference table is related to Vicmap™ Admin and has been abbreviated for the relevant purposes of reference for VICMAP ADDRESS.

Table 12 – road_suffix (vmtrans)

ABBREVIATION	ROAD SUFFIX
N	NORTH
S	SOUTH
E	EAST
W	WEST
LR	LOWER
UP	UPPER
NE	NORTH EAST
NW	NORTH WEST
SE	SOUTH EAST
SW	SOUTH WEST
CN	CENTRAL
EX	EXTENSION
ML	MALL
OT	OUTER
IN	INNER
OF	OFF
ON	ON
A	A
B	B
C	C
DV	DEVIATION
BR	BRANCH

Table 13– road_type (vmtrans)

ROAD_TYPE	ABBREVIATION	ROAD_TYPE	ABBREVIATION
ACCESS	ACCS	CIRCLE	CIR
ALLEY	ALLY	CIRCLET	CLT
ALLEYWAY	ALWY	CIRCUIT	CCT
AMBLE	AMBL	CIRCUS	CRCS
ANCHORAGE	ANCG	CLAIM	CLM
APARTMENTS	APTS	CLOSE	CL
APPROACH	APP	CLUSTER	CLR
ARCADE	ARC	COLONNADE	CLDE
ARCH	ARCH	COMMON	CMMN
ARTERIAL	ARTL	CONCOURSE	CON
ARTERY	ARTY	CONNECTION	CNTN
AVENUE	AV	CONNECTOR	CONR
BANAN	BA	COPSE	CPS
BANK	BANK	CORNER	CNR
BASIN	BASN	CORSEO	CSEO
BAY	BAY	CORSO	CSO
BEACH	BCH	COURSE	CRSE
BELT	BELT	COURT	CT
BEND	BEND	COURTS	CTS
BLOCK	BLK	COURTYARD	CTYD
BLUFF	BLUF	COVE	COVE
BOARDWALK	BWLK	CRESCENT	CR
BOULEVARD	BVD	CREST	CRST
BOULEVARDE	BVDE	CRIEF	CRF
BOWL	BOWL	CROOK	CRK
BRACE	BR	CROSS	CRSS
BRAE	BRAE	CROSSING	CRSG
BRANCHLINE	BLN	CROSSROAD	CRD
BREAK	BRK	CROSSWAY	COWY
BRIDGE	BDGE	CRUISEWAY	CUWY
BROADWAY	BDWY	CUL	CUL
BROW	BROW	CUL-DE-SAC	CSAC
BYPASS	BYPA	CUTTING	CUTT
BYWAY	BYWY	DALE	DALE
CAUSEWAY	CSWY	DASH	DASH
CENTRE	CTR	DELL	DELL
CENTREWAY	CNWY	DENE	DENE
CHASE	CH	DEVIATION	DEVN

Cont.

ROAD_TYPE	ABBREVIATION	ROAD_TYPE	ABBREVIATION
DIP	DIP	GAP	GAP
DISTRIBUTO	DSTR	GARDEN	GDN
DIVIDE	DIV	GARDENS	GDNS
DOCK	DOCK	GATE	GTE
DOMAIN	DOM	GATES	GTES
DOWN	DWN	GATEWAY	GTWY
DOWNS	DWNS	GLADE	GLDE
DRIFT	DRFT	GLADES	GLDS
DRIVE	DR	GLEN	GLEN
DRIVEWAY	DVWY	GRANGE	GRA
EDGE	EDGE	GREEN	GRN
ELBOW	ELB	GROUND	GRND
ELM	ELM	GROVE	GR
END	END	GULLY	GLY
ENTRANCE	ENT	HAVEN	HVN
ESPLANADE	ESP	HEAD	HEAD
ESTATE	EST	HEATH	HTH
EXPRESSWAY	EXP	HEIGHTS	HTS
EXTENSION	EXTN	HIGHROAD	HIRD
FAIRWAY	FAWY	HIGHWAY	HWY
FALL	FALL	HILL	HILL
FARE	FARE	HOLLOW	HLLW
FARMS	FRMS	HUB	HUB
FEN	FEN	INTERCHANG	INTG
FERN	FERN	INTERSECTI	INTN
FIREBREAK	FBRK	ISLAND	ISLD
FIRELINE	FLNE	JUNCTION	JNC
FIRETRACK	FTRK	KEY	KEY
FIRETRAIL	FTRL	KEYS	KEYS
FLAT	FLAT	KNOB	KNOB
FLATS	FLTS	LADDER	LADR
FOLLOW	FOLW	LAGOON	LGN
FOOTWAY	FTWY	LANDING	LDG
FORD	FORD	LANE	LANE
FORESHORE	FSHR	LANEWAY	LNWY
FORK	FORK	LEA	LEA
FORMATION	FORM	LEADER	LEDR
FREEWAY	FWY	LEES	LEES
FRONT	FRNT	LEIGH	LGH
FRONTAGE	FRTG	LINE	LINE

Cont.

ROAD_TYPE	ABBREVIATION	ROAD_TYPE	ABBREVIATION
LINK	LINK	PURSUIT	PRST
LOOKOUT	LKT	QUAD	QUAD
LOOP	LP	QUADRANGLE	QDGL
LOOPS	LPS	QUADRANT	QDRT
MALL	MALL	QUAY	QY
MANOR	MAN	QUAYS	QYS
MEAD	MEAD	RAMBLE	RMBL
MEANDER	MNDR	RAMP	RAMP
MEW	MEW	RANAE	RAN
MEWS	MEWS	RANGE	RNGE
MILE	MILE	REACH	RCH
MOTORWAY	MTWY	REEF	REEF
MOTU	MOTU	RESERVE	RES
MOUNT	MT	REST	REST
NEAVES	NVS	RETREAT	RTT
NOOK	NOOK	RETURN	RTN
OAKS	OAKS	RIDE	RIDE
OUTLET	OTLT	RIDGE	RDGE
OUTLOOK	OTLK	RIDGEWAY	RGWY
OVERBRIDGE	OVRB	RIGHT OF W	ROWY
PADDOCK	PADK	RING	RING
PAKU	PAKU	RISE	RISE
PARADE	PDE	RISING	RSNG
PARK	PARK	RIVER	RVR
PARKLANDS	PKLD	RIVERWAY	RVWY
PARKWAY	PWY	RIVIERA	RVRA
PART	PART	ROAD	RD
PASS	PASS	ROADS	RDS
PASSAGE	PSGE	ROADSIDE	RDSD
PATH	PATH	ROADWAY	RDWY
PATHWAY	PWAY	RONDE	RNDE
PIAZZA	PIAZ	ROSEBOWL	RSBL
PLACE	PL	ROTARY	RTY
PLATEAU	PLAT	ROUND	RND
PLAZA	PLZA	ROUTE	RTE
POCKET	PKT	ROW	ROW
POINT	PNT	RUA	RUA
PORT	PORT	RUE	RUE
PRIORS	PRRS	RUN	RUN
PROMENADE	PROM	SERVICWAY	SVWY

Cont.

ROAD_TYPE	ABBREVIATION	ROAD_TYPE	ABBREVIATION
SHORE	SHOR	TRAM	TRAM
SHUNT	SHUN	TRAMWAY	TMWY
SIDING	SDNG	TRAVERSE	TVRS
SLOPE	SLPE	TREES	TRS
SOUND	SND	TRIANGLE	TRI
SPA	SPA	TRUNKWAY	TKWY
SPUR	SPUR	TUNNEL	TUNL
SQUARE	SQ	TURN	TURN
STAIRS	STRS	TWIST	TWST
STATE HIGH	SHWY	UNDERPASS	UPAS
STEEP	STP	VALE	VALE
STEPS	STPS	VALLEY	VLLY
STRAAT	STRA	VENUS	VNUS
STRAIGHT	STRT	VIADUCT	VIAD
STRAND	STRA	VIEW	VIEW
STREET	ST	VIEWS	VEWS
STRIP	STRP	VILLAGE	VLGE
SUBWAY	SBWY	VILLAS	VLLS
TARN	TARN	VISTA	VSTA
TEE	TEE	VUE	VUE
TERRACE	TCE	WADE	WADE
THOROUGHFARE	THOR	WALK	WALK
THOROUGHWAY	THWY	WALKWAY	WKWY
THROUGHWAY	THRU	WATERS	WTRS
TOLLWAY	TLWY	WATERWAY	WTWY
TOP	TOP	WAY	WAY
TOR	TOR	WHARF	WHRF
TOWER	TWR	WHENUA	WHNA
TOWERS	TWRS	WOOD	WD
TRACK	TRK	WOODS	WDS
TRAIL	TRL	WYND	WYND
TRAILER	TRLR	YARD	YARD

Important Notes:

- This reference table is dynamic, with an ongoing Local Government acceptance of new road types in the subdivision approval process.
- Current at 16/05/2011

