

# lid Low Impact Development Consulting

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## Green Travel Plan

Sustainable transport options for:

423 Blackshaws Road, Altona North

10yr Masterplan

Prepared for: Emmanuel College

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23/06/2023

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# 1 Introduction

The following Green Travel Plan (GTP) has been prepared for the proposed development as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

Proposed masterplan works are described as follows:

## Stage 1:

- New Marianist Precinct – demolition of existing Mc Clusky music centre, existing Marianist building, performing arts and PE storage sheds, with construction of a new two storey building with associated improvements to existing bus parking on site.

## Stage 2:

- New car park located at south-east to address future parking requirements.

## Stage 3:

- 3A – new sports centre at south-west of site.
- 3B – extension of existing vehicular road up to new sports centre for drop-off/pick-up.
- 3C – demolition of existing storage shed and addition of new bicycle parking facilities.

## Stage 4:

- 4A – addition of new reception and waiting area close to main entry of campus.
- 4B demolition of internal administration offices and staff spaces, to be reused as space for study hall.
- 4C extension of existing canteen.

## Stage 5:

- VET centre.

## Stage 6:

- Further expansion of established sport precinct (extension of stage 3 works).

The following sustainable travel features have been outlined that make up this Green Travel Plan:

- **Bicycle parking** – provision of bicycle parking facilities in excess of statutory requirements
- **School buses** – school buses are expected to be the primary mode of transport to and from the site for students.
- **Public transport** – route, stops and timetable information will be identified and displayed in the main entry/reception to demonstrate easy access around the local area
- **Walking Access** – improved site access as part of masterplan works to facilitate uptake of active travel alternatives such as walking.

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It is expected that employees, students and visitors to the site will use a range of transport modes including walking, bicycling, school bus networks, using public transport and also private vehicles. Through provision of bicycle parking in excess of statutory requirements, improvements to site access and improved efficacy of bus parking facilities, the development provides notable sustainable transport benefits and facilitates reduced use of private vehicle transport.

- To simplify and encourage the use of public transport, walking, cycling and carpooling
- To increase the share of short trips taken by these transport modes

- To reduce reliance on single-occupant motor vehicles
- To minimise negative environmental costs of transport
- Improve conditions for occupants without vehicles or driver licenses

## 2 Project background

### 2.1 Current travel habits

As a school campus, students make up the majority of site occupants. Students commute via a combination of school buses, public transport, private vehicle drop-off/pick-up and walking/cycling, with private vehicle drop-off/pick-up accounting for 40%-50% of student commutes (based on case study data – refer Traffic Impact Assessment prepared by WGA).

Site staff primarily access the site via private vehicles, though this Green Travel Plan outlines proposed measures to reduce reliance on private vehicles and increase participation in active transport/sustainable transport methods.

### 2.2 Nearby facilities

The site is located in close proximity to residential neighbourhoods and a number of shops, public transport facilities (primarily bus networks), and services.

Amenities and destinations	Distance	Transport mode
Altona Gate Shopping Centre	650 m	Walk or bike
Bus stop (Blackshaws Rd)	50 m	Walk
Bus stop (Millers Rd)	550 m	Walk
Fast food facilities	550 m	Walk or bike
McArthurs Rd shopping centre	550 m	Walk or bike

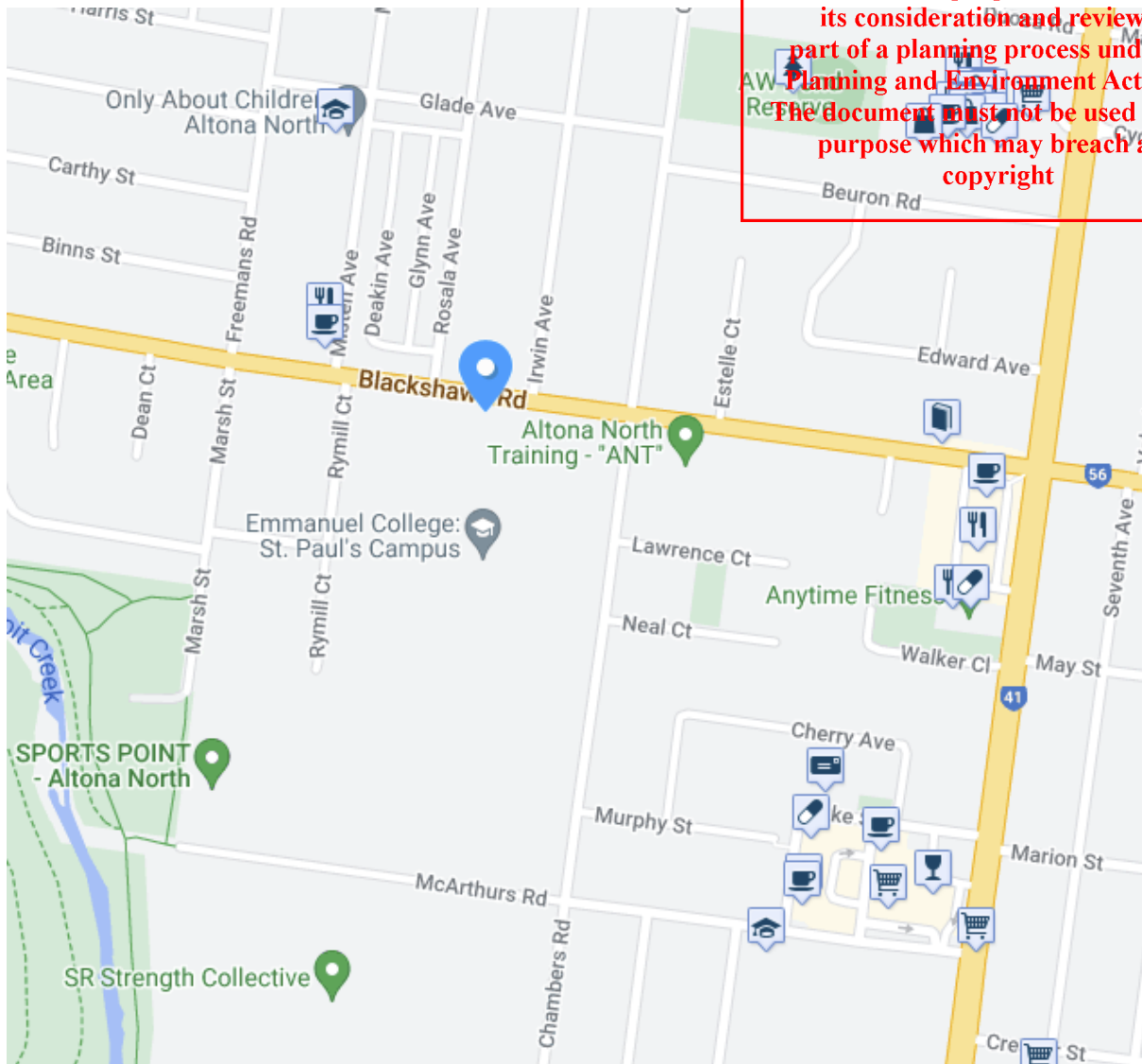
Public transport and bicycle paths will take residents to the city and many other destinations in the surrounding neighbourhoods.

The below is a snapshot of the site and surrounding amenities.

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Source: Walkscore <https://www.walkscore.com/>

## 3 Transport Options

### 3.1 Walkability

The residential development is rated as 'somewhat walkable' with a score of 63 out of 100 using the 'Walk Score' web tool [www.walkscore.com](http://www.walkscore.com).

This rank accounts for the availability of food, amenity and recreation options within reasonable walking and cycling distance of the site (10-15 minutes walk). This ranking is better than the average walk score for the Melbourne metropolitan area, scoring 57 out of 100.

As a school campus, the majority of occupants (students) are expected to reside in surrounding residential neighbourhoods. As such, a significantly greater walking accessibility is expected due to students walking to school.

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The below depicts the walking accessibility of the subject site, with the highlighted area showing areas that can be accessed within a 10 minute walk.

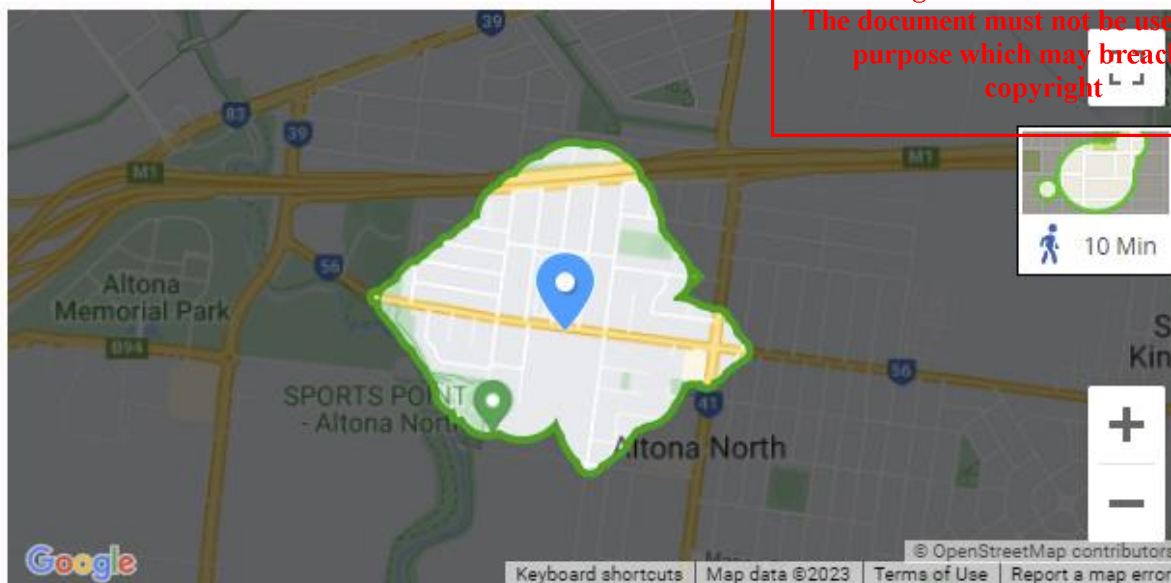


Figure 1 - Walking Accessibility Map (10 minutes)

### 3.2 Cycling

A number of facilities are accessible from the site via cycling, as shown below (10min cycle accessibility map). The majority of cycling trips are expected to be commutes to and from school by students and staff.

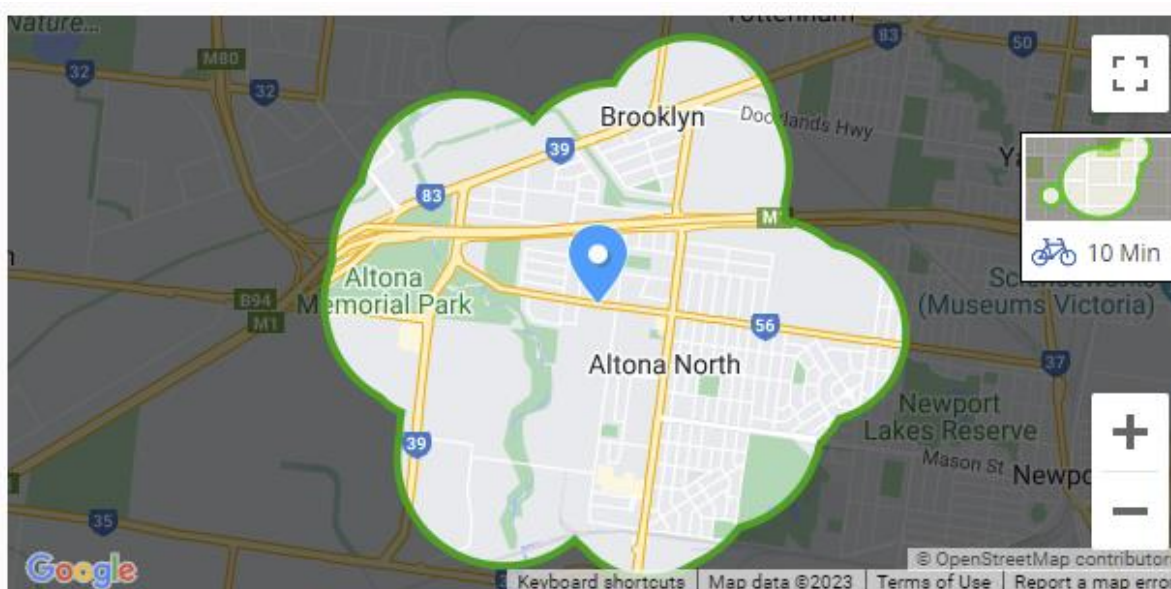


Figure 2 - Cycling Accessibility Map (10 minutes)

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### 3.2.1 Bicycle paths

The subject site is located adjacent to Kororoit Creek and associated bicycle paths, which connect Sunshine and Altona. Millers Rd to the east of the subject site has dedicated bicycle lanes, facilitating safe cycling between the school and Altona, Laverton and Williamstown.

The location of dedicated bicycle trails and bicycle friendly roads can be accessed by searching google maps for the address and turning on the "Bicycle" layer.

A Travel Smart map showing major local travel interchanges, locations of lockers, bicycle cages and paths as well as other public transport options can be obtained by searching for the Councils Travel Smart map. The Travel Smart map for the City of Hobsons Bay can be accessed from:

<https://www.hobsonsbay.vic.gov.au/files/assets/public/documents/council/roads-etc/hobsons-bay-travelsmart-map.pdf>

### 3.2.2 Bicycle parking

Standard planning scheme clause 52.34 prescribes the requirements for bicycle parking. This equates to:

*Table 1 - Statutory Bicycle Parking Requirements*

Occupant type	Requirement	Statutory requirement	Number provided
Employee	1 to each 20 employees	0	2
Visitor/student	1 to each 5 pupils	11	18

The school is providing an additional 20 bicycle parking spaces as part of Stage 3C works, exceeding statutory requirements by 9 bicycle parking spaces. The school will expand bicycle parking facilities as relevant for future student population growth.

No end of trip facilities are required as part of the masterplan works as zero employee bicycle parking spaces are required.

## 3.3 Public transport

The development is located within proximity of public transport and facilities and consolidates already developed land adjacent to significant roads. The development is serviced by the following public transport options:

PT mode	Route number	Route	Nearest stop
Bus	232	Altona North – City (Queen Vic. Market)	Blackshaws Rd / Millers Rd
	411	Laverton Station – Footscray via Altona Meadows & Altona & Millers Rd	Blackshaws Rd / Millers Rd
	412	Laverton Station – Footscray via Altona Gate Shopping Centre	Seventh Ave / Blackshaws Rd

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432	Newport – Yarraville via Altona Gate Shopping Centre	Lawrence Ct / Chambers Rd
471	Williamstown – Sunshine Station via Newport & Altona Gate Shopping Centre	Inwin Ave / Blackshaws Rd
903	Altona – Mordialloc	Blackshaws Rd / Millers Rd
947	Sunshine Station – Footscray via Ballarat Rd	Blackshaws Rd / Millers Rd

Disabled access buses operate for certain times throughout the day. Some bus stops have tactile paths and adequate lighting.

### 3.4 Public transport information

Refer to the following resources for further information on public transport:

- Refer to Appendix 1 for the City of Hobsons Bay public transport options local area map available from <http://ptv.vic.gov.au/getting-around/local-areas>
- Tram, bus and train timetables can be accessed from <http://ptv.vic.gov.au/timetables/>
- A full range of Public Transport Victoria maps can be sourced from <http://ptv.vic.gov.au/getting-around/maps/>
- For more train specific information visit [www.metrotrains.com.au](http://www.metrotrains.com.au)
- A Travel Smart map showing major local travel interchanges etc can be obtained for the councils listed on the site <http://www.transport.vic.gov.au/projects/travelsmart/maps>
- Information regarding public transport fares through the Myki system are available from <https://www.ptv.vic.gov.au/tickets/myki/>

## 4 Actions

The table below outlines actions and responsibilities to be adopted to facilitate more sustainable transport options for this development.

Transport mode	Action	Timeline	By whom
Walking	Produce a map showing safe walking routes to and from your site with times, not distances, to local facilities, such as shops and bus stops (e.g. Walkscore)	Completed prior to occupation	School management
Cycling	Provision of easily accessible, well-lit and secure bicycle parking facilities.	Completed during construction	Designer and builder
Public transport	Local public transport information packs (including relevant local train and bus timetables/maps) will be included in	Completed prior to occupation	School management

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induction packages for students and staff. Additionally, main points of information will be posted in the main entrance/reception. The information packs should have, at a minimum, the following:

- information on nearby bicycle paths and bicycle parking
  - information on local public transport, including timetables for key routes
  - maps with location of public transport stops
- 

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## 5 Implementation

The Green Travel Plan will be issued as part of an induction package for new students and employees to ensure occupants have all the sustainable transport information on hand. The GTP will also be available for display in the main entry/reception.

## 6 Monitoring and reporting

The commitments in this Green Travel Plan are planning conditions that, once approved, are required to be implemented or be in breach of planning legislation.

The actions and targets in this Green Travel Plan should be reviewed annually, at a minimum, to ensure actions are on track and progress towards targets is occurring. This may be in the form of an email questionnaire organised by the school organisation with responses used to identify further improvements to the ongoing information packs regarding sustainable transport options.

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## Appendix 1 - Hobsons Bay Smart Travel Map

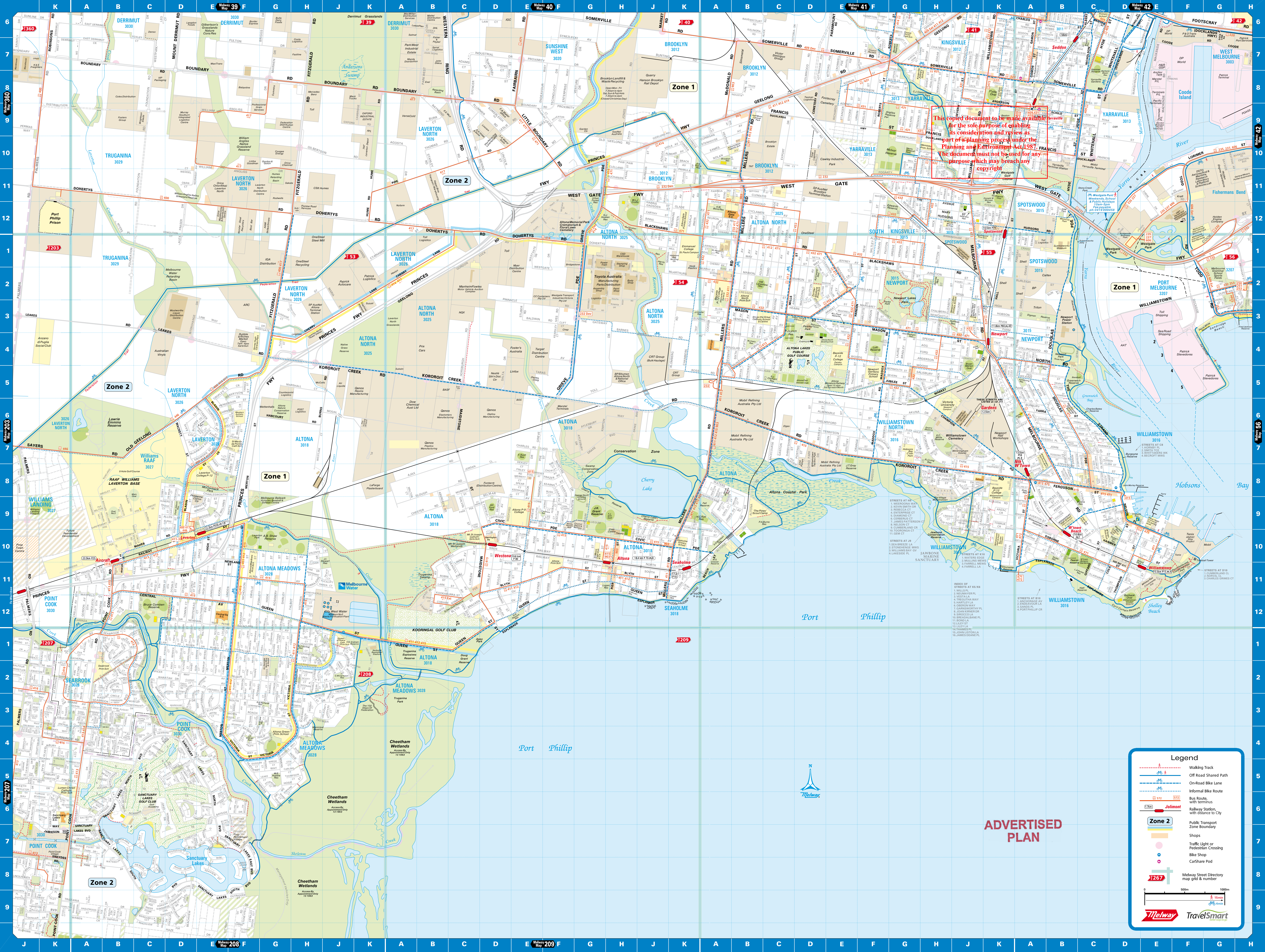
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### Legend

- Walking Track
- Off Road Shared Path
- On-Road Bike Lane
- Informal Bike Route
- Bus Route, with terminus
- Railway Station, with distance to City
- Public Transport Zone Boundary
- Shops
- Traffic Light or Pedestrian Crossing
- Bike Shop
- CarShare Pod
- Melway Street Directory map grid & number

