

APPENDIX 3

EXISTING PEAK HOUR TRAFFIC FLOWS (SCENARIO S1)

RHODES PENINSULA - TRAFFIC AND TRANSPORT ANALYSIS UPDATE

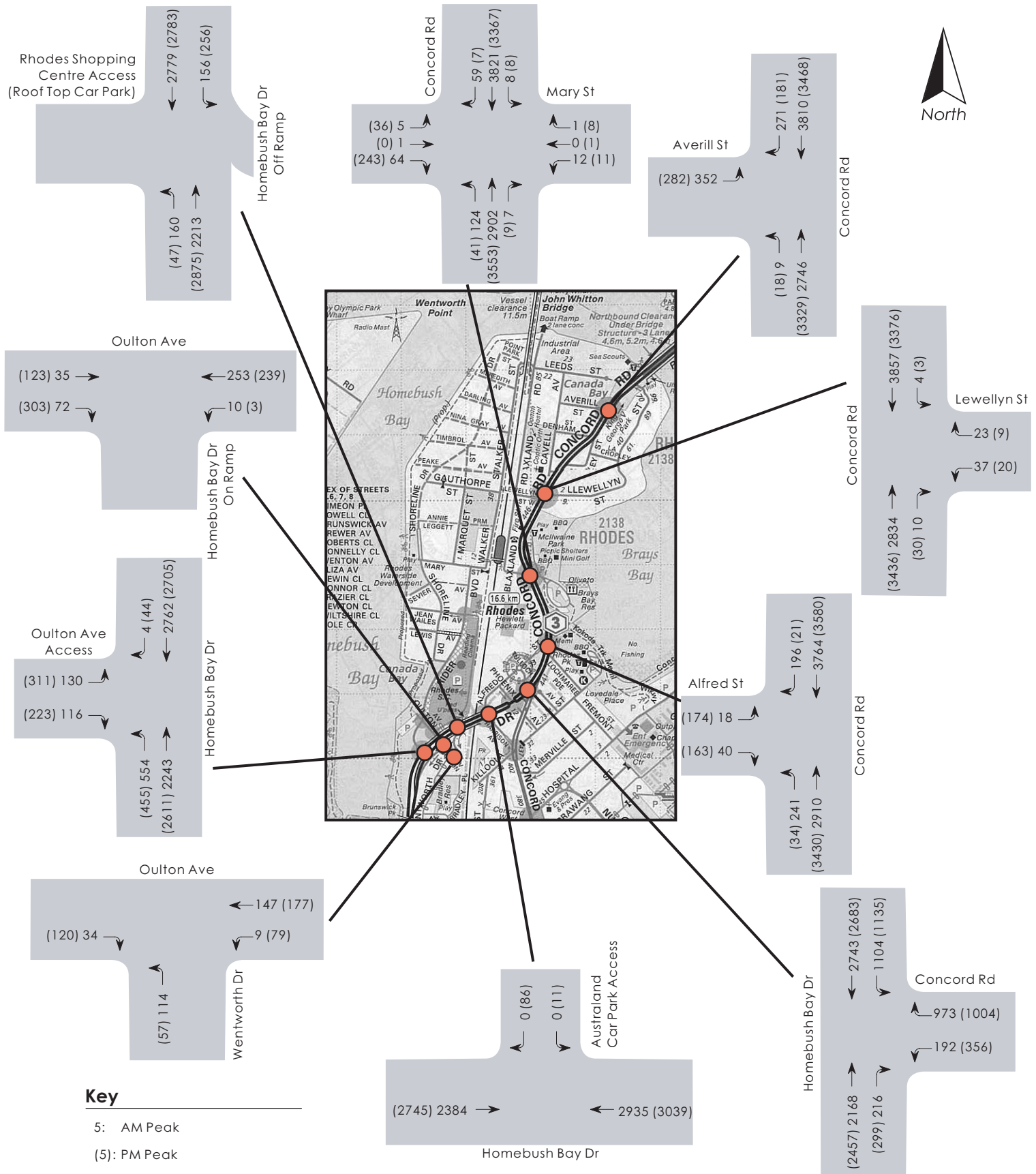


Figure 2

APPENDIX 4



SITE BOUNDARY

SITE BOUNDARY

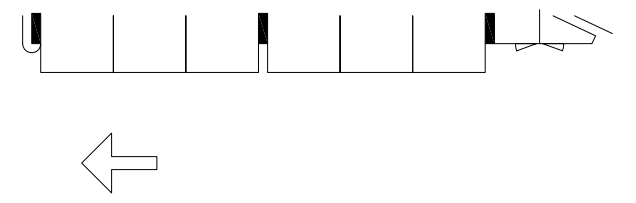
GAUTHORPE STREET

NOTES:

1. THIS PLAN IS BASED ON ARCHITECTURAL PLANS PREPARED BY SJB ARCHITECTS - DRAWING No. A-0201, REV 3, DATED 8/2/10.
2. THE TURNING PATHS USED ON THIS PLAN ARE DERIVED FROM THE AUSTRALIAN STANDARDS (AS 2890.2-2002) FIGURE 5.2: TURNING PATH TEMPLATE - MEDIUM RIGID VEHICLE MINIMUM TURNING RADIUS (10m) AND FIGURE 5.8: REVERSE ENTRY MANOEUVRE - MEDIUM RIGID VEHICLE.
3. VPATH SOFTWARE HAS BEEN USED TO CALCULATE THE FORWARD TURNING PATH MOVEMENTS. ALL TURNING PATHS OF THE MEDIUM RIGID VEHICLE USE A 10m RADIUS TURN.

LEGEND:

- ① DENOTES THE POSITION OF THE VEHICLE IN THE SEQUENCE OF MOVEMENTS.
- — DENOTES THE SWEEP PATH OF THE VEHICLE



THOMPSON STANBURY ASSOCIATES

TURNING PATHS FOR THE PROPOSED
MIXED USE DEVELOPMENT AT WALKER
AND GAUTHORPE STREETS, RHODES

SCALE: 1:250

FILE: msd1063-1

DATE: 8th NOVEMBER, 2010

SUPERSEDES
SHEET/ISSUE -

ISSUE
A

SHEET
1

APPENDIX 5

GREEN TRAVEL PLANS

Introduction

A Green Travel Plan provides a series of voluntary travel behaviour change initiatives aimed at encouraging the use of more sustainable transport such as walking, cycling, car pooling and public transport. The aim of the Plans is to achieve travel behaviour change through raising awareness of alternatives to motor vehicle use. The development of a Peninsula or indeed site based Plan will focus on providing information, offering incentives and mode specific actions to optimise the use of sustainable travel (public transport, cycling, walking and car pooling).

Travel Plans specifically look at how people are travelling to and from the study area and what can be done to replace single occupancy motor vehicle trips with sustainable trips. As a trip generator, the subject development can enhance the choices available to residents in a way that promotes health, safety and environmentally sustainable outcomes.

The potential to change resident related travel is affected by several factors including car parking provision, the provision of car share schemes, resident interest in changing and the provision of support for change.

Benefits

Green Travel Plans provide a wide range of benefits to residents, the community and the environment including:

- Decrease in greenhouse gas emissions;
- Promoting the subject site and areas as an innovative and environmentally aware location;
- Improvement to health and fitness of residents through increased cycling and walking activity;
- Improve resident moral and social interaction;
- Reduced traffic congestion and car parking problems;
- Foster a sense of community; and
- Reduce general living expenses.

Objectives

The main objectives of Green Travel Plans are to:

- Reduce vehicle kilometres travelled (VKT) to and from the subject site, particularly single occupancy vehicle trips;
- Increase resident use of sustainable transport modes (walking, cycling, public transport and car pooling);
- Ensure that residents are informed on the opportunities and benefits of using sustainable transport; and
- Promote the subject site and area as an innovative and environmentally aware location.

Potential Initiatives

A Green Travel Plan provides a suite of initiatives, activities and actions to encourage travel behaviour change. The Plan provides people with information on sustainable transport and encourages them to make informed travel choices.

There are a number of ways to influence people's travel behaviours. The following provides examples of activities and initiatives that could be implemented to promote sustainable transport for the subject development

Information and Encouragement

Information	Provide more information on travel options available to residents and site users through noticeboards, newsletters, common area displays etc.
Factsheets	Develop factsheets on the benefits and walking, cycling, public transport, car pooling and working from home.
Access Guide	Produce an Access Guide of walking and cycling routes to / from the subject site as well as bus, train and ferry routes.
Resident / Site User Inductions	A way to encourage travel behaviour change is to promote healthy habits from the start. Ensure that new residents are provided with information on how to access the subject site using sustainable transport. • Send new residents information on sustainable transport to the subject site such as public transport timetables or walking and cycling routes to the site. • Include a section on sustainable transport resident information packages. • Ensure that residents are aware of the on-site bicycle storage facilities.

Promote Cycling

Information	Provide: • Cycling maps. • Factsheets on the benefits of cycling.
Cycling Infrastructure	• Ensure that on-site cycling paths are well maintained. • Provide secure bicycle parking. • Provide lockers for retail staff. • Provide shower facilities for retail staff.
Skills Development	• Increase cycle confidences by providing information on cycle skills training for beginners or people who haven't ridden for a long period of time. • Provide information on bicycle maintenance workshops.
Establish a resident bicycle pool	Provide a small number of bicycles for residents to share.
Cycling Champions	Identify residents who cycle to work or recreationally and encourage them to motivate others to join them.
Bicycle Group	• Match less confident cyclists with a 'cycle buddy' for recreational cycle trips. • Organise recreational group rides.
Events	Encourage residents to participate in: • Ride to Work Day. • Bike Week. • World Move for Health.

Promote Walking

Information	Provide: • Walking maps. • Factsheets on the benefits of walking.
Walking Infrastructure	• Ensure that on-site walking paths are well maintained with adequate lighting and shade. • Provide lockers for retail staff. • Provide shower facilities for retail staff.
Walking Champions	Identify residents who walk to work or recreationally and encourage them to motivate others to join them.
Walking Group	• Establish a 'walking club' along a designated route where residents who want to walk recreationally can meet up with others.
Events	Encourage residents to participate in: • 10,000 steps program. • Walk to Walk Day. • Diabetes Day.

Promote Public Transport

Information	Provide: • Bus / ferry / train timetables. • Display maps detailing public transport to / from the subject site.
Public Transport Champions	Identify residents that use public transport and encourage them, to motivate others to join them.
Events	• Host a site Public Transport Month. • World Environment Day

Promote Car Pooling

Information	Provide: • Guidelines on car pooling. • Factsheets on the benefits of car pooling.
Car Pooling Champions	Identify residents to car pool and ask them to write a story for resident noticeboards about the advantages of car pooling.
Events	• Establish a resident car pool register. • To facilitate car pool matching, host regular morning teas in common areas for residents.

Car Share Schemes

Information	Provide: • Display maps illustrating locations of car share scheme parking areas (ensuring that the locations are prominent in terms of resident and retail visitor pedestrian access points. • Factsheets on the benefits of car share schemes.
Car Share Scheme Champions	Identify residents to utilise car share schemes and ask them to write a story for resident noticeboards about the advantages of car share schemes.

Visitors

Information	Provide: • Walking and cycling maps in areas accessible by visitors. • Bus / Ferry / Train timetables in areas accessible by visitors.
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Ongoing Monitoring

A Green Travel Plan is a dynamic document which will change over time depending on the environment and circumstances of the subject development. Accordingly, monitoring, evaluating and reviewing the Plan is important as it will guide ongoing efforts to reduce vehicle kilometres travelling and encourage the use of sustainable transport.

Monitoring and evaluation is an ongoing process which involves fine tuning. Generally speaking, residents should be regularly surveyed as to their travel behaviour to ascertain the areas in which the Travel Plan is successful and those which require altered or improved initiatives.