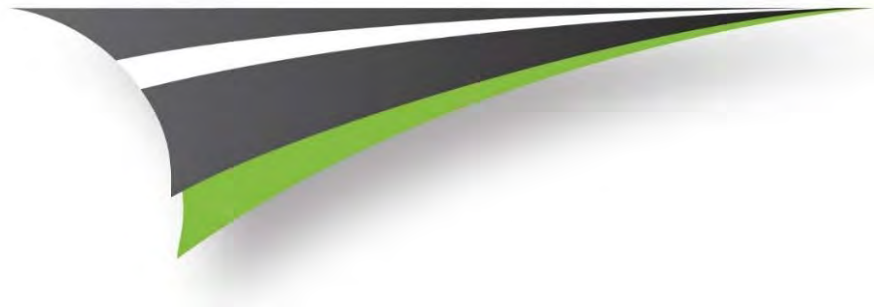




Support Lindfield Forum  
6:30pm-8:30pm

## Lindfield Transport Network Study

people**trans**



Date: Wednesday, 09/04/14  
Presented by: Alan Stewart/Simon Kinnear

# Presentation Outline

1. Study Objectives/Aim & Scope of Works - 2 mins
2. Understanding Existing Lindfield
  - Land Use & Transport - 2 mins
  - Existing Traffic & Transport Model - 3 mins
3. Future Land Use Options Assessment & Potential Road Network Solutions - 3 mins
4. TfNSW Commuter Car Parking & Lindfield Pedestrian Bridge? - 5 mins
5. Next Steps - 1 mins

# 1. Study Objectives/Aims & Scope

# Key Study Objectives

- To work with Council to assist in determining an “acceptable” land use for Councils Woodford Lane Car Park development site, west of the Pacific Highway.
- To develop a “transport solution” which can.... not only support Councils Woodford Lane development proposals but..... also support the LEP development identified for the wider Lindfield Town Centre.

# Scope of Works - Broadly

**1**

Understand Lindfield Land Use & Transport



Develop Existing Transport Model & Obtain RMS Sign Off



**2**

Assess Land Use Options



Determine Preferred Land Use & Transport Option



**3**

Project Complete – Report Findings & Recommendations

**July  
2014**

## 2.1 Understanding Existing Lindfield

- Land Use
- Transport

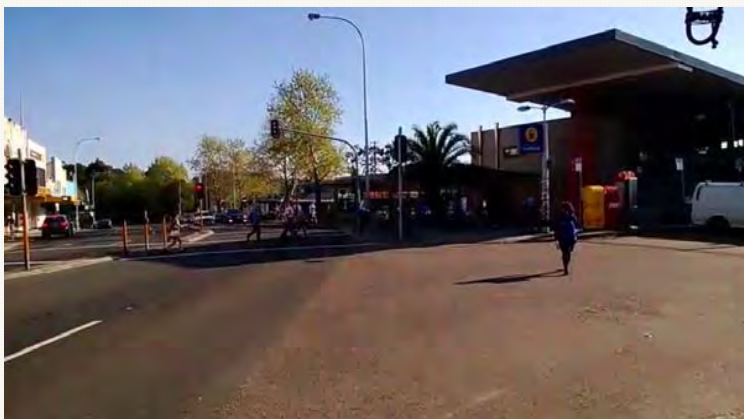


# 1.1 Existing Land Use Issues





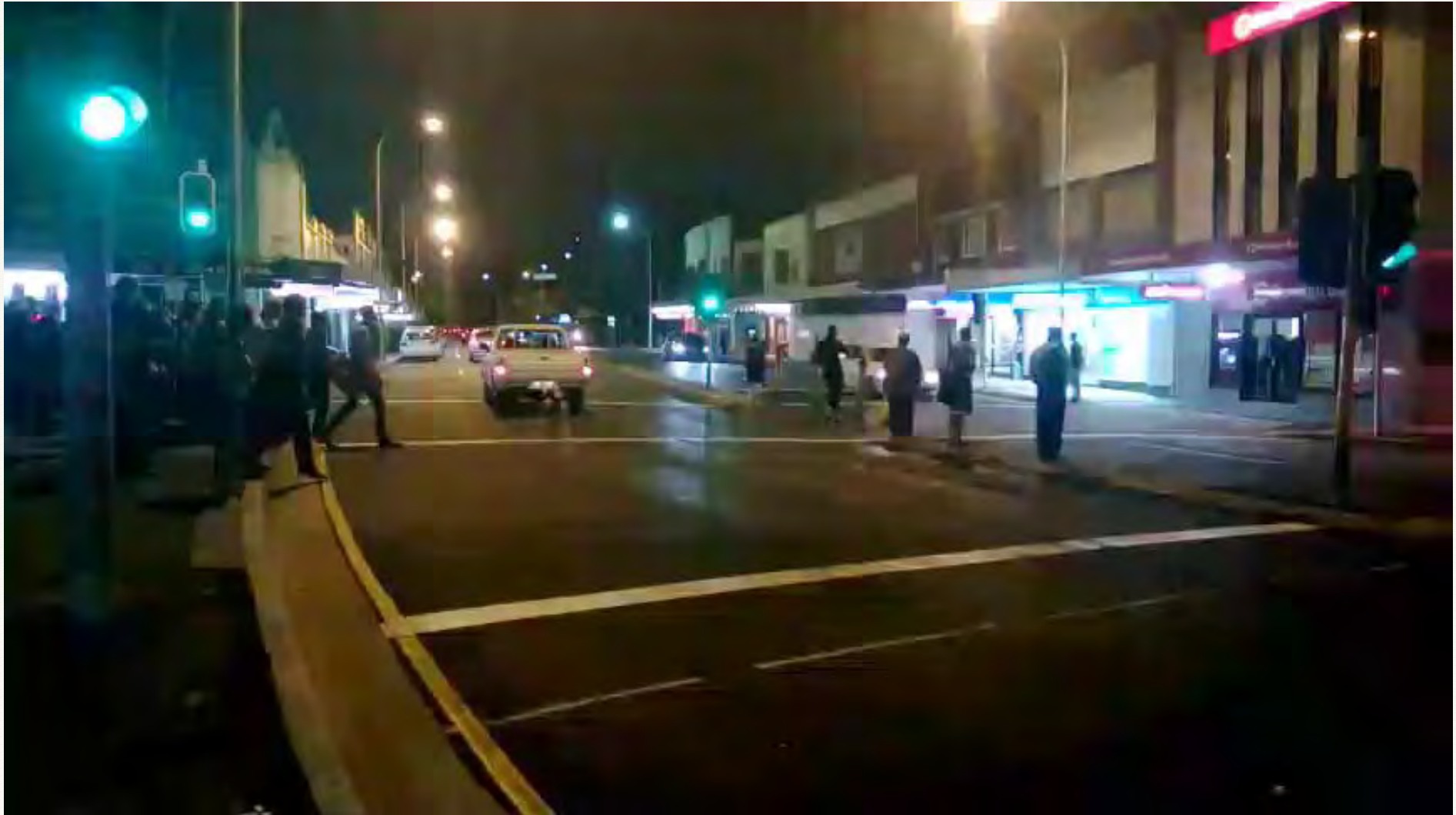
# 1.2 Existing Transport Issues



- Private Car Travel
- Buses
- Taxis
- Bicycles
- Pedestrians
- Road Safety
- Kiss & Ride



# 1.2 Existing Transport



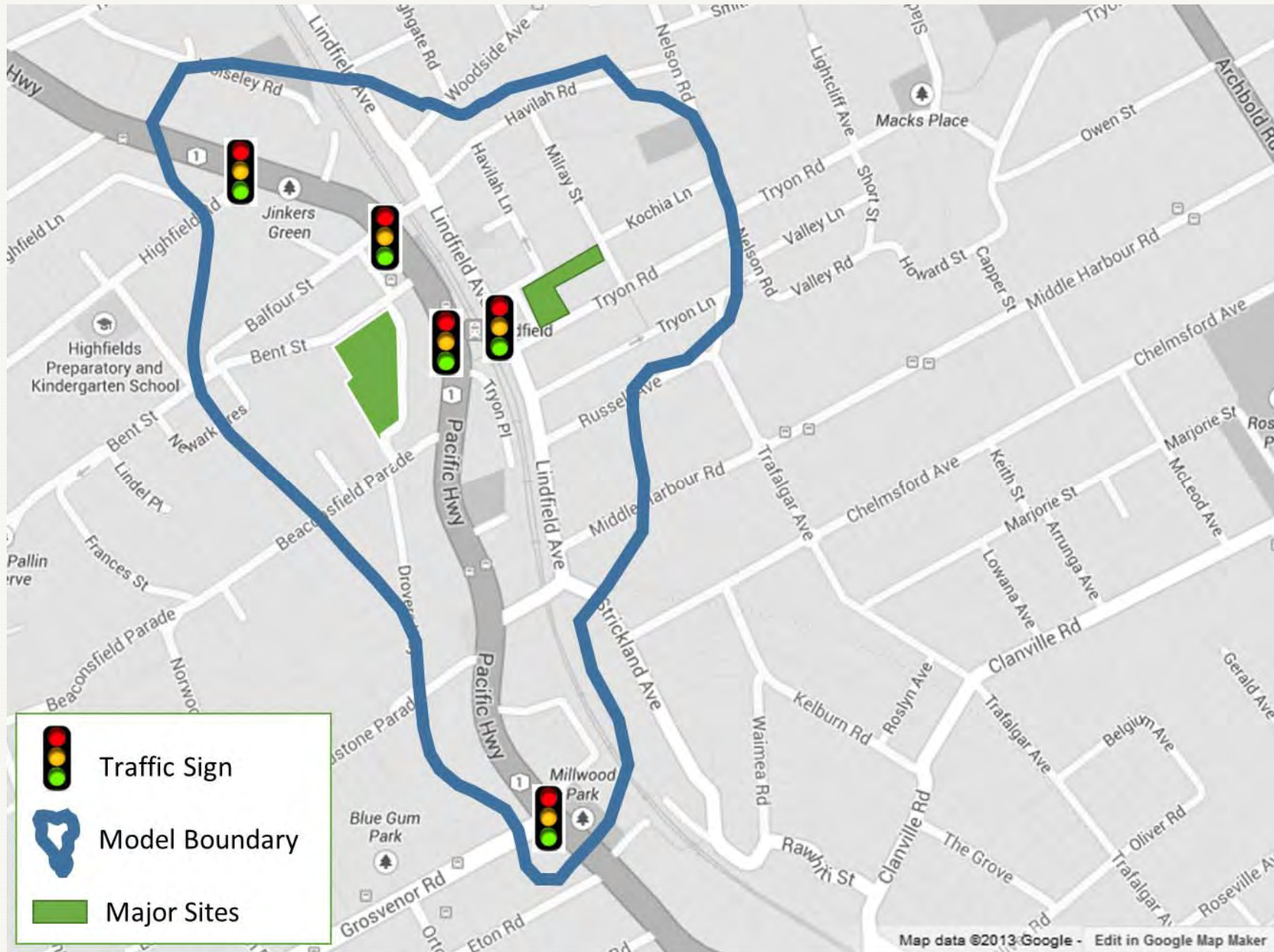
## 1.2 Lindfield Traffic & Transport Model

# Existing Micro-Simulation Traffic/Transport Model

- Is an industry recognized transport planning tool
- Used to quantify current delays across the transport network and used as a platform for analysing future network changes
- The Lindfield Model has been independently audited and approved for use by RMS on this project.



# Transport Model Study Area



# Traffic Model Video Demonstration – Morning Peak



### 3. Future Land Use Assessment & Potential Traffic/Transport Solutions



# 3.1 Future Land Uses



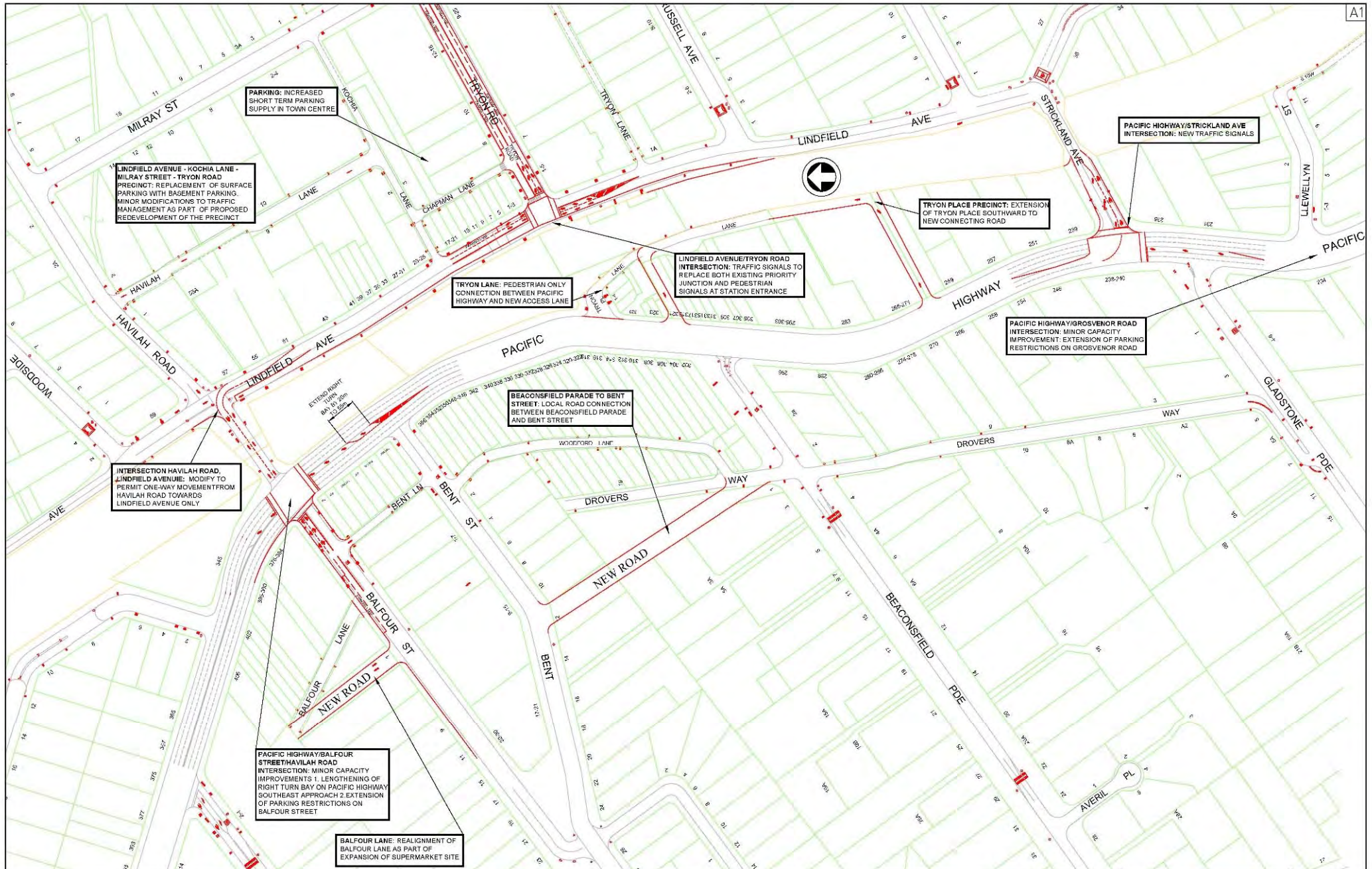
## Legend


- Study Development Site (Mixed Use)
- Mixed Use Development Site
- Residential Development Site
- 74 Net Increase in Residential Dwellings
- Traffic Signals

13S170 Lindfield Town Centre Study  
 Ku-ring-gai Council  
 Land Use Plan - Approved and Likely  
 Development Sites 2013-2031



# 3.2 Council/RMS Potential Future Road Network Proposals



RECOMMENDED FOR APPROVAL BY: NAME: _____ POSITION: _____ DATE: _____		APPROVED BY: NAME: _____ POSITION: Director Operations DATE: _____		WORK AS EXECUTED SUPERVISING ENGINEER: NAME: _____ DATE: _____		REDUCTION RATIOS: Plan _____ Cross Section _____ Long Section Horizontal _____ Long Section Vertical _____		<b>LINDFIELD LOCAL CENTRE TRAFFIC IMPROVEMENT CONCEPT PLAN</b>		 <b>Ku-ring-gai Council</b>	
SHEET: _____ OF _____		PLAN N <sup>o</sup> : _____		REVISION: _____		J.P.					

## 4. TfNSW Commuter Parking & Lindfield Pedestrian Bridge?



# Lindfield "TfNSW" Commuter Car Parking?

Initial findings: East & West side or West Side only?

## East Side - Disbenefits

- In PM peak when commuter parking and peak hour general traffic overlap this could have the potential to make the delays worse on Lindfield Ave, Balfour Street East and Strickland Avenue.
- On Saturdays when the commuter spaces are used more informally and given the increased retail activity in the future on this side any additional spaces could add pressure to an already congested area.

# Lindfield Overhead Pedestrian Bridge?

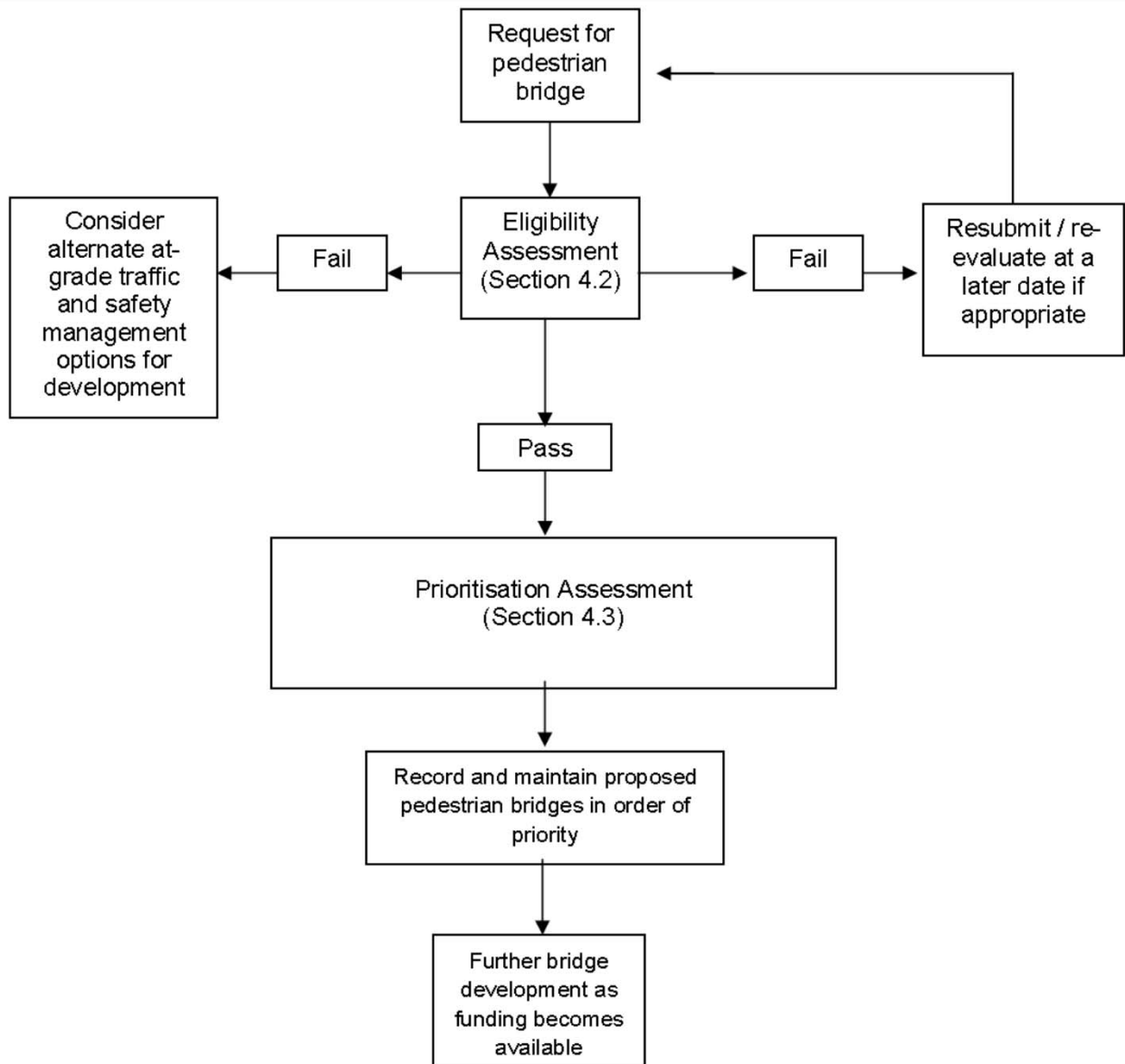


RMS Estimated Cost - \$5.5million



# Lindfield Overhead Pedestrian Bridge?

- RMS Technical Direction 2012/05 – Eligibility Assessment





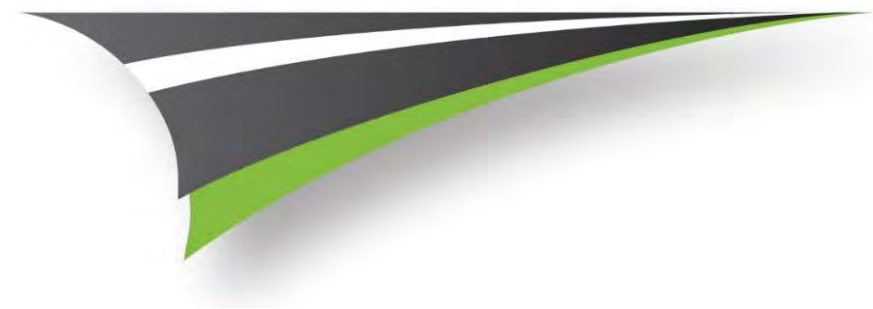
Next Steps

## 4. Next Steps

- Undertake a further transport stakeholder meeting - Mid April 2014
- Assess various land use options for Council sites & wider Lindfield Town Centre.
- Develop Road Network & Transport Solutions.

# Thank-You

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