

Traffic Impact Assessment

Coffs Harbour Health Campus - New Car park

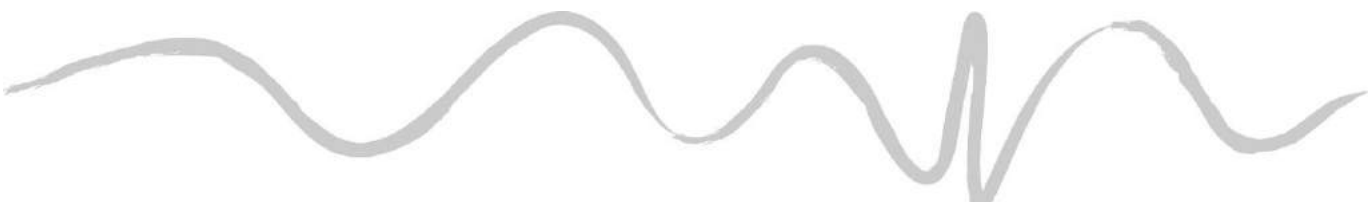
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Introduction

1.1 Background

Health Infrastructure commissioned a parking demand study from Parking and Traffic Consultants (PTC) to determine car parking usage at the Coffs Harbour Health Campus (CHHC). The parking study (refer **Appendix A**) determined that sufficient demand exists at the CHHC to warrant provision of additional car parking. Funding has been approved for the design and approval phase for an on-grade car park to better service the CHHC. GeoLINK has been engaged by the Health Infrastructure to prepare a traffic impact assessment to accompany a statement of environmental effects and development application for the new car park.

The proposed car park site is located south of the existing Integrated Cancer Care Centre Service building. The new car park will be able to be accessed from both the main access of the Pacific Highway and also an upgraded secondary access off Phil Hawthorne Drive. The CHHC is an acute major rural referral hospital that was built in 2001 and is operated by the Mid North Coast Local Health District (MNCLHD). It is located on the Pacific Highway approximately four kilometres from the central business district of Coffs Harbour. The car park is proposed to be constructed on land that is currently owned by Coffs Harbour City Council (Council). Health Infrastructure is currently in negotiations with Council to purchase the land.

The locality of the site is shown in **Illustration 1.1** and the site is shown in **Illustration 1.2**.

1.2 Scope and Purpose

The purpose of this assessment is to review the existing traffic and access conditions of the site and assess the impacts of the proposal during construction and operation. The proposal involves provision of additional car parking to cater for existing excess demand for car parks within the CHHC. The proposal itself will not increase traffic movements. The proposal is, however, likely to change how some staff and visitors gain access to and from the campus. It is considered likely that the location of the new car park and proposed improvements to the secondary access (off Phil Hawthorn Drive) will result in increased traffic movements at the Stadium Drive/Phil Hawthorne Drive intersection and reduced traffic movements at the Pacific Highway intersection. This report assesses the impacts associated with these likely changes in traffic movements.

This traffic impact study has been prepared in accordance with Table 2.1 of the RMS's *Guide to Traffic Generating Developments*. The study also provides:

- details and analysis of the proposed access to the site;
- appropriate arrangements for the provision of road and public transport infrastructure needed to service the site;
- pedestrian and cycle access within and to the site;
- an assessment based on the current speed zonings; and
- an assessment of the impact on the surrounding road network.

This traffic impact study has been carried out in accordance with the following documents:

- *Austroads Guide to Traffic Management Part 3: Traffic Studies*;
- *Austroads Guide to Traffic Management Part 12: Traffic Impacts of Developments*;
- *RMS Guide to Traffic Generating Developments*;
- *Coffs Harbour City Council's Development Control Plan 2013*; and
- relevant Australian Standards.

1.3 Further Information

Should Council require any additional information, or wish to clarify any matter raised by this proposal, please contact **Michelle Erwin** or **Simon Waterworth** of **GeoLINK** on **02 6651 7666**.

2.3.4 Pedestrians and Cyclists

The CHHC can be accessed by pedestrians by concrete footpaths along both sides of the Pacific Highway. These footpaths link to a number of industrial and commercial areas and further to the Coffs Harbour CBD. A designated bike path along Stadium Drive links existing bike paths along both the Pacific Highway and Hogbin Drive. These bike paths link the suburban areas of Sawtell, Toormina and Boambee to Coffs Harbour.



References

Roads and Traffic Authority (RTA) 2002, Guide to Traffic Generating Developments Version 2.2 October 2002
Roads and Traffic Authority available online at
http://www.rms.nsw.gov.au/roadprojects/community_environment/documents/guide_to_generating_traffic_developments.pdf
Accessed 21/04/2014



Appendix A

Parking Study



Client

Health Infrastructure, NSW Government

Project

Coffs Harbour Hospital
Updated Parking Demand Study

For the attention of:

Rebecca Wark
Health Infrastructure

Date

18th March 2013

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