

TRAFFIC CONGESTION ON BAKERS LANE KEMPS CREEK

22.12.2023

Introduction

Over the past 24 months, the three schools located on Bakers Lane have been dealing with a significant increase in construction-related traffic. As of now, the ongoing projects are causing traffic congestion for the three schools. Looking ahead, it is expected that the industrial construction work will continue to increase over the next five years, along with the construction of the next stage of the Southern Link Road (Bakers Lane).

Site

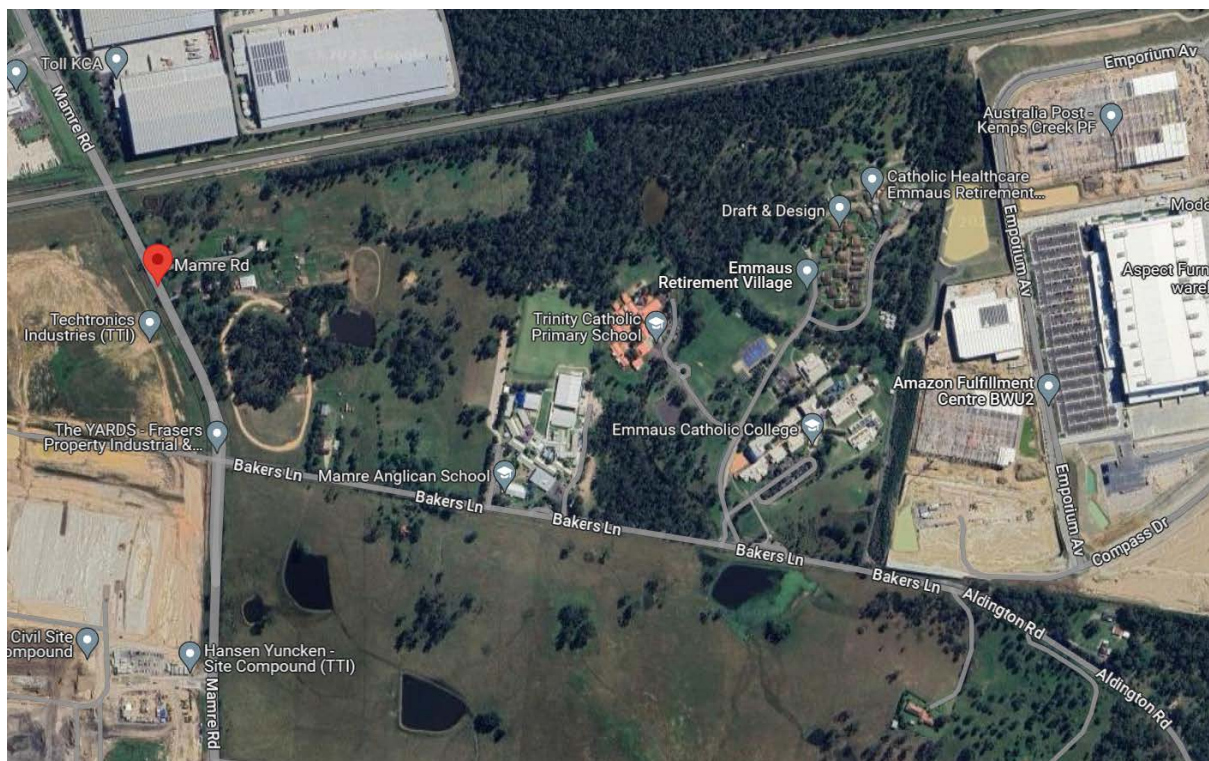


Figure 1 (Source Google Mapes)

Background

The three schools recognize the importance of managing the movements of students, staff, parents, and visitors. They would like to implement appropriate measures in consultation with developers, builders, and warehouse operators to cover the following points.

- Bus and vehicle drop off and pick up.
- Safe pedestrian movements of students, staff, parents, caregivers and visitors from the community around the schools' campuses.
- Delivery of school supplies and materials between 7.00 am and 5.00 pm on school days.

School accessibility

The three schools are not linked to any public transportation, pedestrian or cycling networks. Consequently, anyone who wishes to reach these schools, including students, staff members, parents, caregivers and visitors, must either drive or catch a bus. This means there are no opportunities to use sustainable modes of transportation, such as public transport, walking, or cycling. These modes of transport would be effective in reducing car-based travel and traffic congestion on Bakers Lane.

Mode share for student drop off / pick up:

If these three schools had normal accessibility, vehicle drop off and pick up rates would be around 70% for primary schools and 40% for high schools.

Approximately 90% of primary school students and 60% of high school students travel to and from Bakers Lane Schools by vehicle.

Each vehicle coming to the site is counted as two trips, one inbound and one outbound.

The average vehicle occupancy rate for schools is 1.6 students per car, used in transport assessments for new schools by Schools Infrastructure.

Drop-off and pickup times

Drop off.

Starts at 8.00 am and finishes at 9.00 am

Pickup

Starts at 2.15 pm and finishes by 4:30 pm

Vehicle and Bus Movements

The combination of three schools on Bakers Lane results in higher-than-average vehicle and bus movements each school day due to the lack of public transport and pedestrian and cycling networks to the schools.

	Vehicle	Bus	Public Transport	Pedestrian and cycling
Drop off	700 to 900	20 to 30	0	0
Pick up	700 to 900	20 to 30	0	0

Table 1 (The above figures need to be confirmed)

Proposed Changes to Bakers Lane

It is important to note that the proposed modifications to Baker's Lane are insufficient to control the increase in traffic due to school buses and vehicles during drop-off and pick-up hours. The substantial vehicle traffic coming from nearby warehouses could lead to inconvenient travel delays at the intersection of Mamre Road and Barkers Lane on school days.

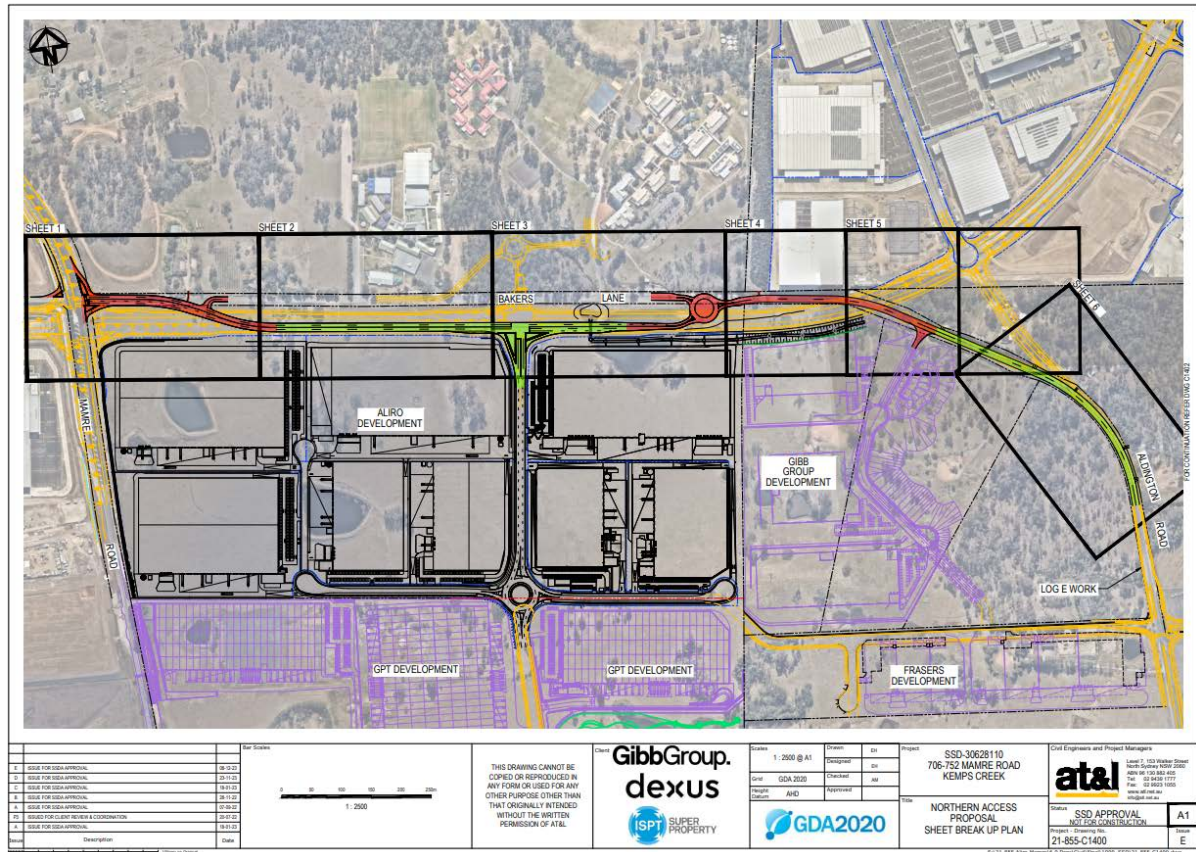


Figure 2

Outcome

I would like to schedule a meeting to discuss how we can prevent long-term traffic issues that may impact the three schools and warehouse traffic.

1. The proposed changes to Bakers Lane.
2. What will be the type and volume of traffic during construction works and afterwards?
3. Management of road closures and disturbances. Currently, road closures are causing a loss of learning time.
4. Ensuring that schools have uninterrupted access during construction works is crucial.
5. Most importantly, communications between the developers, builders, warehouse operators and schools must be improved.

Please tell me your availability to meet the week commencing the 5 February 2024