

info@asongroup.com.au  
+61 2 9083 6601

Suite 17.02, Level 17,  
1 Castlereagh Street,  
Sydney, NSW 2000

ABN: 81 168 423 872

TO	Stephen O'Connor (Project Director, Altis Property Partners)
FROM	James Laidler (Senior Traffic Engineer, Ason Group)
CC	Ali Rasouli (Principal Traffic Engineer, Ason Group)
SUBJECT	Ardex Warehouse and Manufacturing Facility - Lot 10 - 657-769 Mamre Road, Kemps Creek – Response to DPE Comments

## Introduction

Ason Group has been engaged by Altis & Frasers JV Pty Ltd (the JV) to prepare a letter outlining the responses to the Department of Planning & Environment's (DPE) request for additional information regarding the Ardex Warehouse and Manufacturing Facility, which is located at Lot 1-, 657 – 769 Mamre Rd, Kemps Creek.

Reference has been made to the Department of Planning and Environment's (DPE's) Request for Additional Information (RFI) in relation to the abovementioned project which was received on 11 April 2022. A copy of the RFI is provided within **Appendix A**.

As such, the below response has been prepared to respond to DP&E's RFI.

## Response

The Kemps Creek Warehouse, Logistics and Industrial Facilities Hub (also known as the Mamre South Precinct – MSP) is located at 657 – 769 Mamre Road, Kemps Creek, and is partially located within the Western Sydney Employment Area (WSEA) and the Western Sydney Aerotropolis (WSA). The original SSD for MSP (SSD-9522) was approved on 21 December 2020, which outlined a proposal for the construction and operation of 8 warehouses comprising a total of 162,355 m<sup>2</sup> of Gross Floor Area (GFA).

It is understood however that majority of other precincts surrounding this site have not reached the approval stage. It is also important to note that the JV does not have access to other precincts' detailed construction information such as their construction volumes and program timeframes, therefore it is not possible for the JV to undertake a cumulative construction assessment of the traffic impacts within the broader Mamre Road Precinct (MRP).

Notwithstanding, the current proposal seeks to construct and operate a warehouse / industrial facility within the broader MSP site (herein referred to as the Ardex development to be located at Lot 10 of MSP). The Ardex development is proposed to occupy 4.3 ha of the 15.8 ha available for developments within.

The approved Construction Traffic Management Plan (CTMP) by Ason Group (the 2021 CTMP, ref: 1281r01v9.1) has considered the construction traffic of the entire approved MSP (SSD-9522) and already includes the Ardex development. It is noteworthy that the approved CTMP has been reviewed on several occasions by TfNSW and Penrith City Council. Community consultation has also been undertaken as part of the approved CTMP.

Having regard for the traffic generation summary as part of the SSD-9522 submission the operational traffic generation for the entire masterplan are significantly higher than the anticipated construction traffic volumes for the entire MSP including the Ardex development, as stated in the 2021 CTMP and reproduced below.

**TABLE 1: SSD TRAFFIC VS. MAXIMUM CONSTRUCTION TRAFFIC**

Period	SSD	Maximum CTMP Traffic Generation	Difference
Road Network AM Peak (veh/hr)	1,042	76 (6) <sup>1</sup>	- 966
Road Network PM Peak (veh/hr)	768	76 (6) <sup>1</sup>	- 692
Daily (veh/day)	11,139	1,100	-10,039

Notes) 1) figures in bracket demonstrates the maximum traffic movements during site establishment.

We also re-iterate that the 2021 MSP report includes SIDRA modelling for the existing intersection of Mamre Rd / Bakers Lane for the existing layout during construction. SIDRA modelling results are summarised in Table 2.

**TABLE 2: MODELLING OF MAMRE RD / BAKERS LANE**

Intersection	Peak Period	Average Delay (Seconds)	Level of Service (LoS)	Queue Length (m)	
				Mamre Road (North approach)	Mamre Road (South approach)
<b>Baseline<sup>1</sup> (2018 Existing)</b>	AM	18.2	B	157	148
	PM	47.2	D	477	166
<b>Baseline + Construction Traffic</b>	AM	18.8	B	179	160
	PM	56.2	D	601	181

As such, the assessments presented for the approved construction program under JV site, should be deemed sufficient for Ardex construction assessment based on the consultation process undertaken last year.

It is also important to note that the existing left-in/ left-out (LILO) vehicular access crossover on Mamre Road will provide access for construction of the JV site including the Ardex development. This LILO access is an existing approved and constructed access by TfNSW and provides temporary access to the JV construction activities. This access will then be removed when Mamre Road/ Bakers Lane sequence 1A is delivered.

Should you require any further information or clarification, please do not hesitate to contact the undersigned or Ali Rasouli.

Yours sincerely,



James Laidler  
*Senior Traffic Engineer*  
E: [james.laidler@asongroup.com.au](mailto:james.laidler@asongroup.com.au)  
M: +61 421 209 996

## Appendix A

Department of Planning and Environment response dated 11 April 2022

Michael Robinson  
Frasers Property Industrial Construction Pty Limited  
Level 2, 1C Homebush Bay Drive  
RHODES NSW 2138

11 April 2022

Dear Mr Robinson

**ARDEX Warehouse and Manufacturing Facility (SSD-25725029)  
Request for Additional Information – Construction Traffic**

I refer to the Department of Planning and Environment's (the Department's) request for a Response to Submissions report following the exhibition of the above proposal.

Several developments in the Mamre Road Precinct will have overlapping construction periods. As such, a key issue for the Department's assessment concerns the potential impacts from construction activities by individual projects as well as the potential cumulative impact with other developments in the Mamre Road Precinct. Further details on how these impacts will be managed is required to assist with the Department's assessment, including how construction traffic will be co-ordinated and mitigated to ensure impacts are managed to acceptable levels.

Therefore, the Department has identified additional information that will need to be addressed as part of your Response to Submissions report.

If you have any questions regarding this matter, please contact Rebecka Groth on (02) 8275 1723 or via email at [rebecka.groth@dpie.nsw.gov.au](mailto:rebecka.groth@dpie.nsw.gov.au).

Yours sincerely



Chris Ritchie  
**Director**  
**Industry Assessments**

as delegate for the Planning Secretary

*Attached: Additional information required on construction traffic*

## **Attachment 1**

### **Construction traffic**

- A key consideration in the Mamre Road Precinct is the capacity of the regional and local road network (namely Mamre Road, Aldington Road and Abbotts Road) to safely accommodate the number of concurrent developments in the precinct and to ensure the functionality of the roads and associated intersections are maintained at an acceptable standard and level of performance, including during the construction stages of these developments. Your project needs to adequately assess and demonstrate construction traffic can be accommodated to ensure safety, functionality and performance is maintained to acceptable standards. This includes daily construction traffic generation and movement times.
- Your Environmental Impact Statement does not include an assessment of cumulative construction traffic impacts on the regional and local road network.
- You are requested to provide detailed information on proposed the staging and delivery of the construction of your development for consideration prior to determination of your application. This should include the timing of necessary external road upgrades as well as construction works on your site. Clarification is sought on what temporary road upgrades may be required to accommodate construction traffic.
- Details on how construction traffic may impact on the delivery of road infrastructure in the precinct is required, particularly if these road infrastructure works are being undertaken at the same time your project will be generating construction traffic.
- You are strongly encouraged to consult and coordinate with other landowners in the Mamre Road Precinct on the management of cumulative construction traffic from development sites within the Precinct and coordination with road upgrade works. Details of precinct-wide, coordinated traffic control measures (short and longer term), timeframes for commencing and completing construction works, traffic generation, consideration of other proposed developments and the potential overlap of works is required.