

FACT SHEET

Traffic and Transport Impact Assessment



ABOUT THE REPORT

Consultant: Cardno

Aim: Evaluate potential traffic impacts during the construction and operation of the project.

ASSESSMENT APPROACH

This assessment included traffic modelling for the Project and testing the 2026 and 2041 horizon scenarios for the number of travel lanes required, to confirm the preferred intersection treatments for Calderwood Road and Illawarra Highway/Terry St and future network performance to ultimately inform design development for the project.

REPORT FINDINGS

The report found that in its present form and left unchanged:

- The traffic network in 2026 and 2041 within the Albion Park Town Centre is unsatisfactory
- Under the 2041 model, all key intersections on the Illawarra Highway are considered to have major delays.
- The traffic demand by 2041 is too high for the present capacity available within the Albion Park Town Centre to be absorbed.

While the extension would increase traffic along Tripoli Way and The Expressway, it would:

- Help meet the increased demand of road users as future development and land use changes in the west of the city.
- Reduce congestion within the surrounding road network and improve safety for motorists, pedestrians and cyclists.



What is an Environmental Impact Statement?



The EIS identifies and assesses the environmental and social impacts associated with the proposed construction and operation of Tripoli Way, as well as proposing measures to minimise and manage them. The EIS was prepared by SLR Consulting who engaged specialist consultants.

Planning approvals and EIS



The EIS was prepared in accordance with the Secretary's Environmental Assessment Requirements (SEARs). The SEARs identifies matters that must be addressed in the EIS and therefore guides its development. A series of technical studies and reports to assess potential impacts are completed as part of the EIS.

Can I provide feedback?



Submissions are invited during the public exhibition stage of the Tripoli Way Extension. All submissions will be submitted to the Department of Planning, Housing, and Infrastructure (DPHI). To find out more visit the Tripoli Way Extension Project page on Let's Chat.

POTENTIAL IMPACTS AND MITIGATION MEASURES THAT WILL BE APPLIED

Impact

Environmental Safeguard

Increased heavy vehicle traffic and light vehicle traffic during construction

- A Traffic Management Plan (TMP) will be prepared and implemented as part of the Construction Environmental Management Plan (CEMP). The TMP will be prepared in accordance with the RMS Traffic Control at Work Sites Manual and the worksite manual RMS Specification G10.
- The TMP must restrict vehicle movements and parking to approved project areas and manage speed limits near the work.

Temporary Road Closures

- Road closures are to be limited during peak traffic periods to ensure impacts to traffic flows are minimal.
- Suitable traffic control measures are to be in place during the movement of equipment and machinery to ensure the safety of pedestrians and other road users.

Limited access to impacted residents within the Study Area

- Impacted residents will be contacted prior to any works commencing. Accessibility and movement will be allowed for the residents that will be directly impacted as part of the TMP.
- Works are not to block access along footpaths, except for the minimum possible time when moving equipment or machinery.

Pedestrian crossings

- Signalised pedestrian crossings will be provided at the TWE / Calderwood Road intersection, TWE / Hamilton Road intersection and TWE / Terry Street intersection within the Study Area as part of the detailed design process for the Activity.
- An active travel network of shared paths and footpaths is being provided where one does not exist currently, to cater for the increased pedestrian movements through the area.

LEARN MORE

Traffic, Transport and Access are discussed in detail in **Section 6.11 of the EIS.**