

**A detailed Traffic Impact Assessment (TIA) study to assess the impacts of the development on the existing transport network and identify reasonable and practicable solutions applicable to the local experience to address these impacts. The turnaround time for the assessment of a TIA is thirty (30) working days.**

**Applicants are required to:**

- 1. Engage in consultation with the Authority before undertaking any works**
- 2. Have a pre-lodgement meeting to discuss their finding and possible recommendation before submitting the final TIA**

**The TIA report shall include but not be limited to the following information:**

1. Introduction – Brief introduction of the project, size of the development (m<sup>2</sup>, number of units, etc), location, site plan
2. Existing site conditions
  - Existing site information including legal descriptions and land area
  - Existing use of the site, description
  - Existing land use
  - Detail description of the transport infrastructure and route to and from the site. Include existing intersection controls and configuration
  - Existing traffic facilities (vehicular and pedestrian)
  - Public transport assessment
  - Public parking facilities available in the vicinity of the site
  - Existing traffic volumes on the adjacent road(s)
  - What is the crash history on road(s) in the area of the proposal
  - The existing speed limits in the vicinity of and adjacent to the development
  - Road classification and condition
  - Any significant constrains such as bodies of water, embankment, etc
  - Condition of existing road including pavement, carriageway, etc
  - Previous developments that have been approved or consented (at Building permit or construction stage) within the subject site and its surrounding
  - Existing traffic features including street lighting, intersection controls and traffic signals
3. Proposed development
  - Site plan
  - Description of proposed land use(s)
  - Scale of development
  - Area of site
  - Hours of operation
  - Proposed access locations and design
  - Service arrangements
  - Traffic impact of construction work
  - Proposed car parking requirements and layout (include number of proposed parking spaces
  - Timeframe for development implementation
4. Impact of the proposed development
  - AM and PM peak period assessment
  - What is the project traffic generation from the site when operating at full capacity (number of vehicles/vehicle types, etc)
  - Will the development generate heavy vehicle use? If so, details shall be provided.

- What allowance has been made for future growth in expected traffic that will be generated by the proposed development?
- Identify special provisions/managements for:
  - Public transport;
  - Bicycles;
  - Pedestrians
  - People with disabilities;
  - Installation of improved or changed pedestrian facilities;
  - Delivery vehicles;
  - Emergency services;
  - Waste collection services;
  - Heavy freight vehicles; and
- What adverse impacts might there be, as a result of increased traffic movements from the development, in adjacent, sensitive or residential areas? Mitigating factors.
- Access considerations and recommended access points. With consideration of line-of-site distances for the existing and proposed access points for all vehicles.
- Required improvements to existing accesses and adjoining carriageways to mitigate traffic impacts arising from the development
- Proposed traffic movement plan including internal vehicle circulation layout and access use (one way or two way vehicular movement)
- Swept turning path diagram for all access points, covering all types of vehicles which will use the development
- Clarification over which accesses are dedicated for service vehicles and other types of traffic
- Street lighting, road signs, landscaping, etc – existing and proposed
- What is the estimated cost of recommended road/junction/other transport infrastructure improvements as described above?

## 5. Recommendations

Summary of proposals to ensure that the development is properly integrated with existing land uses and transport infrastructure.

**HERE IS HOW YOU CAN FIND OUT MORE ABOUT FIJI ROADS AUTHORITY AND OUR CURRENT AND FUTURE WORKS PROGRAM.**

### **CONTACT US**

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