

Department of State Growth

STATE ROADS DIVISION

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Our Ref: D23/152726



Mr Scott Hennessy
Secretary, Public Works Committee
House of Assembly
PARLIAMENT HOUSE HOBART TAS 7000

West Tamar Highway Duplication – Public Works Committee Inquiry

Dear Mr Hennessy,

Thank you for sending through the inquiry on 21 June 2023.

Please refer to below addressing the inquiry.

1. Can you please provide further detail on the design of the holding area in the median strip at the new signalised pedestrian crossings?

The proposed staggered pedestrian crossing was designed as per Austroads Guide to Road Design (the guide). The guide stated “where it is necessary to stage pedestrians on the island (e.g. at crossings serving school children) because the road is wider (e.g. four-lane undivided or duplicated) the length and width of the island treatment will have to be increased in order to store the necessary number of pedestrians within the island. In such cases the island will have to be wide enough to accommodate pedestrian fencing designed to prevent pedestrians from moving directly onto the second carriageway and orient them to face the direction of approaching vehicles. In some cases it may be appropriate to stage pedestrians within a larger refuge, in a similar fashion to that illustrated in Figure 8.3 for pedestrian operated signals.” State Growth confirms that pedestrian fencing will be provided within the island as per the guide.

2. Can you please provide the pedestrian numbers, or expected demand, that was used in modelling for the signalised pedestrian crossings?

Most of the residential areas are located at the north-eastern side of the highway, as well as the new Legana Primary School, the shopping precinct near Freshwater Point Road and businesses near Fulton Drive. It is expected most of the pedestrian will be walking along the north-eastern side of the highway and only a small portion of pedestrians will be crossing the highway. Therefore, only 50 pedestrians per hour value was used in the modelling and this is considered conservative.

Please let me know if you have any further queries regarding the project.

Thank you.

Yours sincerely

Adrian Paine

DIRECTOR PROGRAMMING AND DELIVERY

28 June 2023