

TGSI Hale Road & Welshpool Road

Proposal Content Document

Table 1: General proposal content description

Proposal title	Tonkin Highway Grade Separation Interchanges (Hale Road and Welshpool Road)
Proponent name	Main Roads Western Australia
Short description	Main Roads is proposing to upgrade Tonkin Highway from south of Roe Highway to approximately 1 km north of Kelvin Road to a six-lane dual carriageway. The Proposal will include construction of a half diamond with north facing ramps at the Hale Road intersection in Forrestfield and a grade separated interchange at the intersection of Tonkin Highway and Welshpool Road in Wattle Grove.

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
Clearing and disturbance for road construction and associated infrastructure.	Proposal Development Envelope (DE) in Figure 1.	The Proposal comprises a total area of approximately 44.32 ha, including clearing or disturbance of up to 15.08 ha of native vegetation and 2.25 ha of non-native vegetation suitable for fauna habitat.
Proposal elements with greenhouse gas emissions		
Construction elements:		
Scope 1	26,613 tCO ₂ e	
Scope 2	Nil	
Scope 3	22,000 tCO ₂ e	
Operation elements:		
Scope 1	142 tCO ₂ e (annually) 7,100 tCO ₂ e (50 years)	
Scope 2	179 tCO ₂ e (annually) 11,008 tCO ₂ e (50 years)	
Scope 3	21,800 tCO ₂ e (annually) 1,090,262 tCO ₂ e (50 years)	

