

Proposed Garden Street Extension, Southern River

Proposal Content Document

Table 1: General proposal content description

Proposal title	Garden Street Extension, Southern River
Proponent name	City of Gosnells
Short description	The City proposes to extend Garden Street between Harpenden Street and Holmes Street in Southern River, which will involve the construction of an 840 m section of a dual carriageway (two lanes each direction). The Proposal is located predominantly within the suburb of Southern River, approximately 17 km south-east of Perth Central Business District (CBD). This Proposal will facilitate the eventual connection of Garden Street to Tonkin Highway within the existing 'Other Regional Roads' Metropolitan Region Scheme (MRS). This strategic road connection will ease predicted significant traffic congestion. The Proposal has been designed to minimise the impact on flora and fauna and will only require clearing of no more than 2.04 ha of native vegetation.

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 i.e . drainage infrastructure and road furniture including but not limited to lighting and crash barriers.	Figure 1	<p>The Proposal comprises a 2.65 ha Development Envelope.</p> <p>Clearing no more than 2.04 ha of native vegetation is proposed, which includes:</p> <ul style="list-style-type: none"> • 1.59 ha of very-high quality foraging habitat for Carnaby's Black Cockatoos; • 1.3 ha of SCP23a Central <i>Banksia attenuata</i> – <i>Banksia menziesii</i> woodlands of the Swan Coastal Plain (SCP) which is encompassed within the Banksia Woodlands of the SCP Federally listed threatened ecological community; and • 0.45 ha of remnant vegetation associated with a Conservation Category Wetland.
Proposal elements with greenhouse gas emissions		
Construction elements:		
Scope 1	Diesel –Transport/stationary & lost carbon sink at 951 tCO ₂ -e	

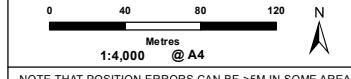
Scope 2	Purchased Electricity with zero emissions	
Scope 3	Fuel and Energy Related Activities & materials 291 tCO ₂ -e	
Operation elements:		
Scope 1	Diesel –Transport/Stationary, 6 tCO ₂ -e per annum	
Scope 2	Purchased Electricity, 28 tCO ₂ -e per annum	
Scope 3	Fuel and Energy Related Activities and Material Use, 2,613 tCO ₂ -e per annum	
Rehabilitation		
The Proposal includes the planting of approximately 0.7 ha of road batters with locally native nutrient retentive plants.		
Commissioning		
Not applicable.		
Decommissioning		
Not applicable.		
Other elements which affect extent of effects on the environment		
Proposal time*	Maximum project life	In perpetuity
	Construction phase	18 months
	Operations phase	N/A
	Decommissioning phase	N/A

* Proponents should only provide realistic timeframes to avoid unnecessary change to proposal applications at referral (section 38C), assessment (section 43A) or post assessment (section 45C).



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- Legend**
- Development Footprint (1.95 ha)
 - Development Envelope (2.65 ha)
 - Garden St Extension Study Area - MRS Boundary



-NOTE THAT POSITION ERRORS CAN BE >5M IN SOME AREAS-



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PROJECT ID 5413
DATE 25-Oct-2022

HORIZONTAL DATUM AND PROJECTION
 GDA 1994 MGA Zone 50

CREATED	CHECKED	APPROVED	REVISION
AN	AN	AC	0

City of Gosnells
 Garden Street Extension, Southern River

S38 Referral Supporting Document
Figure 1
 Regional Location and Development Envelope

- LOCALITY MAP SOURCED FROM LANDGATE 2020
 - OTHER DATA SOURCED LANDGATE 2020
 - AERIAL PHOTOGRAPHY SOURCED LANDGATE 2020
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