

Proposal Content Document

Table 1: General proposal content description

Proposal title	Great Northern Highway – Bindoon Bypass
Proponent name	Main Roads Western Australia
Short description	The Proposal is to construct and operate a new 47 km section of the Great Northern Highway (GNH) within the Shires of Chittering and Gingin. The Proposal bypasses the town of Bindoon located approximately 70 km north east of Perth, WA. The Proposal consists of a combination of four-lane dual carriageway, four-lane single carriageway, two-lane single carriageway and a bridge across the Brockman River. The Proposal diverts from the existing GNH at the Chittering Roadhouse, runs west of Bindoon, re-joining the existing GNH north of Calingiri Road.

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
Construction and ongoing maintenance of a highway standard dual carriageway road, with all associated bridges, culverts, road furniture, drainage, signage, lighting and other infrastructure including side roads and road connections	Figure 1	Clearing and disturbance of no more than 490 ha of native vegetation within an 848.5 ha development envelope.
Proposal elements with greenhouse gas emissions		
Construction elements:		
Scope 1:	194,603 tCO ₂ e	
Scope 2:	NA	
Scope 3:	23,138 tCO ₂ e	

Operation elements:	
Scope 1:	425.85 tCO ₂ e per year 21,279 tCO ₂ e (50 years) from maintenance activities
Scope 2:	None
Scope 3:	51,085.64 tCO ₂ e per year 2,554,282 tCO ₂ e (50 years) from road users and maintenance activities

