



Secondary Member Material

17/06/2025 9:23 am +10

AWM Table:	Bridges
Attribute:	Secondary Member Material
Purpose:	To record the material used for the secondary structural elements of a bridge or crossing, which helps assess durability, maintenance needs, and structural performance.

Value	Description	Photo Example
Bailey	Bailey bridges are made of modular steel elements and standard steel alloys. The parts are interchangeable, and the bridges can be used to restore road blocks, construct bridges, or reinforce existing bridges.	
Bitumen	Bitumen is the liquid binder that holds asphalt together. A bitumen-sealed surface is a layer of bitumen sprayed and then covered with an aggregate. This is then repeated to give a two-coat seal.	
Concrete	Concrete bridge decks can be constructed using precast or cast-in-place methods.	

Value	Description	Photo Example
Steel	Steel bridge members are easy to fabricate and are widely used in bridge construction due to the high tensile strength of steel materials.	
Timber	Wood is the raw material. Maintenance costs are significantly lower for timber bridges, as they are less prone to corrosion and require less frequent inspections and repairs compared to steel bridges.	
Other	The material used does not match the listed categories.	