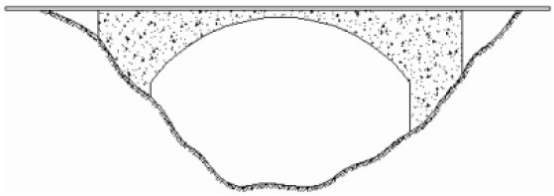
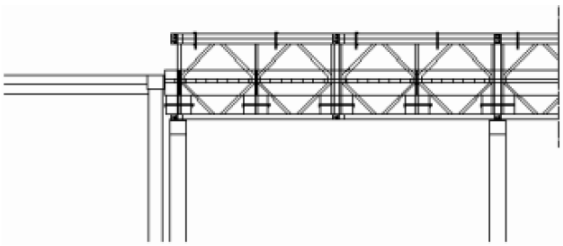
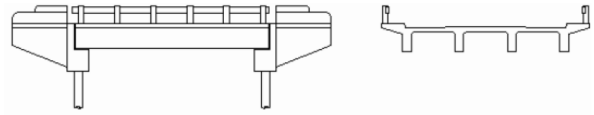
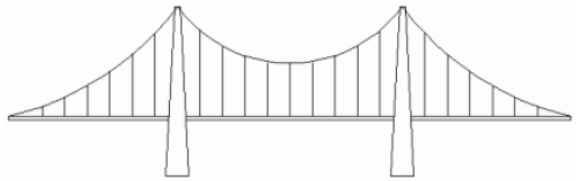
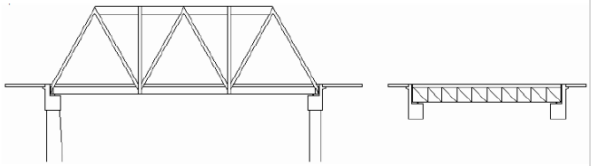
Bridge Type

27/06/2025 9:52 am +10

AWM Table:	**Bridge**
Attribute:	Bridge Type
Purpose:	To provide bridge categorisation that differentiates the structure and support provided by the bridge.

Value	Description	Photo Example
Arch	An Arch Bridge is a curved structure that supports a vertical load mainly by axial compression.	 
Bailey	A bailey bridge consists of three main parts. There are side panels that are cross-braced panels, usually made of steel. The floor of the bridge is the second feature, which is made up of horizontal wooden beams. Then lastly, bailey bridges contain stringers (long steel slates) along the bottom.	 

Value	Description	Photo Example
Beam & Slab	A beam and slab bridge is a type of concrete bridge made up of precast beams that are placed on supporting piers or abutments.	
Girder	A girder is a horizontal structural member supporting vertical loads by resisting bending and shear. It is a larger beam often built-up of multiple metal plates, usually bolted, riveted, or welded together; precast or cast-situ, reinforced or prestressed concrete structure.	
Log	A log bridge is a timber bridge that is constructed using longer logs closely spaced together to form a flat surface. These logs can be supported by wooden columns or a handrail.	
Portal Frame	This bridge consists of in-situ concrete foundations and seals are included between successive units to ensure a water-tight structure.	

Value	Description	Photo Example
Suspension	A suspension bridge consists of a bridge floor held below suspension cables that are attached to larger cables above, which are strung across the bridge from one end to the other.	 
Truss	A truss bridge is a type of structure made mainly of pin-connected members supporting vertical loads through axial tension and compression actions of its members. It is often made of a top and a bottom chord connected to slender web members placed in between them.	
Unknown	The bridge type is unknown.	
Other	The bridge type is not listed in this table.	