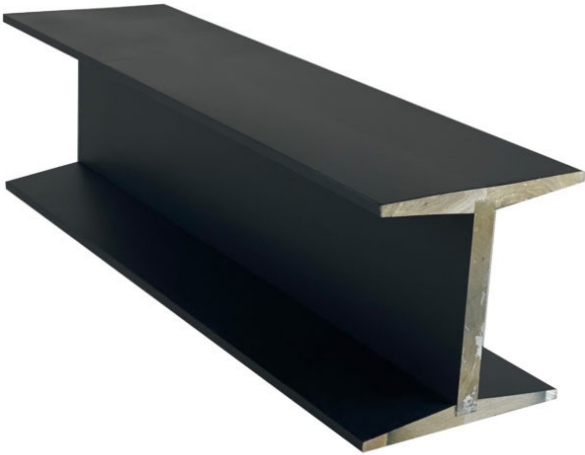

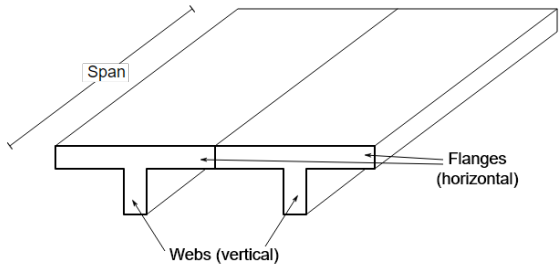
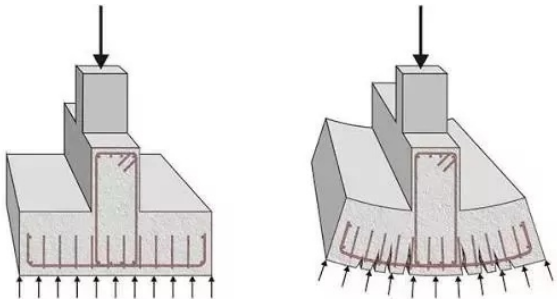



Beam Type

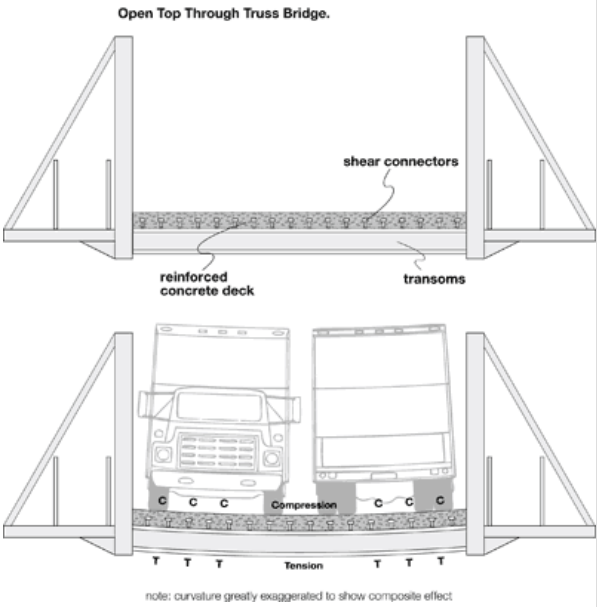
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AWM Table:	Bridges, Bridge Beam, Bridge Span
Attribute:	Beam Type
Purpose:	To provide...

Value	Description	Photo Example
Double Core Unit		
Single Core Unit		
I Beam	An I-beam is a structural steel member with an I-shaped cross-section that's used in many construction projects. These beams have the capacity to withstand various types of loads.	

Value	Description	Photo Example
U Beam	<p>A type of steel beam, which is a structural steel product with multiple uses mainly in the construction sector. U-Beams are also known as a parallel flange channel or C Beams. They typically can be welded together to form I-Beams.</p>	
T Beam	<p>T beam bridges have cast-in-place, reinforced concrete beams with integral deck sections to either side of the tops of the beams.</p>	
Inverted T Beam	<p>An inverted T-section concrete beam is a type of beam that has a cross-sectional shape that resembles an inverted letter "T". The top of the beam is flat, while the bottom of the beam has a flange that extends out on either side. Inverted T-beam is used when the beam is subjected to hogging moments.</p>	

Value	Description	Photo Example
Log Beam	A large piece of wood, or log, that is used to create a structure.	
Plate Girder	A structural element made of welded or bolted steel plates that is used to support heavy loads and spans in bridges.	
Precast Concrete Panel	A bridge deck made of a series of prefabricated concrete panels that are cast off-site and then installed at the bridge site.	
RSJ and U Beam	Rolled Steel Joists and Universal Beams are both types of steel beams used for structural support in construction and engineering.	

Value	Description	Photo Example
Stringers and Transom	Steel beams which span under the roadway and carry the loads of the roadway to the trusses or beams.	 <p>Open Top Through Truss Bridge.</p> <p>shear connectors</p> <p>reinforced concrete deck</p> <p>transoms</p> <p>Compression</p> <p>Tension</p> <p>note: curvature greatly exaggerated to show composite effect</p>
Unknown		
Not Applicable		

[Supporting Note Header]

[Supporting Notes to further explain any exceptions or special situations or to help provide further clarity]