

Failure Mode

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AWM Table:	Bridges
Attribute:	Failure Mode
Purpose:	To identify how a bridge is expected to behave under extreme loading conditions.

Value	Description	Photo Example
Ductile	Ductile failure occurs when a material is loaded beyond its yield strength. This causes the material to become deformed for a period of time before eventually failing.	
Non-Ductile	Non-ductile failure refers to inflexible or brittle breaks in materials. Materials like cast iron fail in this way when tensile load occurs.	
Unknown	The failure mode is not recorded or cannot be determined from available information.	

[Supporting Note Header]

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