







Abutment Bank Protection

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AWM Table:	Bridge
Attribute:	Abutment Bank Protection
Purpose:	To identify the type of protective structure used around abutments to prevent erosion or scour from water flow. This supports the maintenance and safety of bridge foundations over time.

Value	Description	Photo Example
Concrete	A solid, continuous structure made from cast or precast concrete used to protect the bank from water damage.	
Gabions	Rock-filled wire cages placed along the bank to absorb water energy and reduce erosion.	
Mattresses	Thin, flexible layers (often wire mesh filled with stone) laid on the riverbed or slope to provide wide-area erosion protection.	
Paving	A surface layer made of flat stones, bricks, or concrete units arranged to protect the bank and maintain its shape.	

Value	Description	Photo Example
Rip rap	Loose stones or rubble placed on the slope of a bank to slow water flow and prevent erosion.	
Stone wall	A constructed wall made of stacked stones, often without mortar, used to hold back soil and resist water impact.	
Other	A type of bank protection that does not fit any of the listed categories, including unique or combined solutions.	
Unknown	The bank protection type is not recorded or cannot be determined from available information.	