

ART 6.7.1.4.1 Install Bridge Protective Devices

Provide protective systems for an existing floating bridge or river crossing site. Protect the bridge or site from waterborne demolition teams, floating mines, or floating debris. The three types of floating protective systems are antimine booms, impact booms, and antiswimmer nets.(FM 5-34) (USAES)

NO.	Scale	Measure
01	Yes/No	The use of bridge protective equipment preserved the functionality of the bridge for current and future missions.
02	Time	To conduct an area reconnaissance of the river approaches to the bridge including environmental considerations.
03	Time	To plan or revise the plan to employ bridge protective equipment to account for the existing factors of METT-TC.
04	Time	To establish the degree of local security for installation or construction of the bridge protective equipment.
05	Time	To employ bridge protective equipment.
06	Time	To widen the bridge or remove interior bridge bays to account for flood condition or heavy debris (for floating bridges).
07	Time	To obtain the bridge protective equipment and systems through the supply system or by local procurement.
08	Percent	Of personnel trained to use bridge protective equipment.
09	Percent	Of on-hand bridge protective equipment and supplies.
10	Percent	Of bridge protective equipment employed to standard.
11	Percent	Of mission-capable bridge protective equipment or systems.
12	Percent	Of bridges damaged due to improperly used bridge protective equipment.
13	Number	Of bridges protected by the proper protective device for the situation.
14	Number	Of mission-capable bridge protective equipment systems.
15	Number	Of friendly casualties due to improperly used protective

		equipment.
16	Number	Of casualties due to accidents while installing bridge protective equipment.

Supporting Collective Tasks:

Task No.	Title	Proponent	Echelon
05-3-5010	Install Bridge Protective Devices	05 - Engineers (Collective)	Platoon