



US Army Corps of Engineers®
Chicago District

CHICAGO DISTRICT 2017 REGIONAL PERMIT PROGRAM

12. BRIDGE SCOUR PROTECTION

RP12 authorizes the construction and installation of protective armoring at existing bridge foundations, abutments, and/or around bridge piers of “Scour Critical Bridges” as designated by the Federal Highway Administration (FHWA). Authorization under RP12 is subject to the General Conditions of the Regional Permit Program beginning on page 6 of this document. In addition, the following requirements must be addressed in writing and submitted with the notification:

- a. All projects will be processed under Category I.
- b. Protective armoring may include riprap, broken concrete, formed concrete pieces, concrete filled fabric mats, gabions, or other engineered designs consistent with reasonable engineering standards. Should broken concrete be used, all reinforcing rods must be cut flush with the surface of the concrete. The protective armoring may extend riverward of the adjacent shoreline or any adjacent existing seawalls, gabion structures, or riprap covered banks and may extend above the existing streambed up to the Ordinary High Water Mark (OHWM) of the River. Material excavated for the construction of the protective armoring must be disposed of in accordance with Federal, State and local laws and ordinances, and must not be placed in a floodway or in any waters of the U.S., including wetlands.
- c. Temporary construction access may be obtained over the side of the bridge, by use of temporary roads or pads constructed of clean fill, by use of mats, or from barges or floating platforms. All material used for temporary access must be removed from the site immediately upon completion of work in any segment of the project. All portions of the site must be restored to preconstruction conditions.
- d. All temporary construction activities must adhere to the requirements of items c through g of Regional Permit 7 (Temporary Construction Activities) and must be addressed in writing and submitted with the notification.
- e. If, in the determination of the District, the protective armoring may constitute an undue hazard, obstruction to navigation, or if it is deemed that the project may not be in the public interest, an Individual Permit may be required.