## ROCK FILL – FOUNDATION

Effective 12/11/19

This work consists of constructing a layer of rock fill below culverts or spread footings having unstable or unsuitable soil conditions. When shown on the plans, the rock fill limits and thickness shall be confirmed by the Engineer prior to excavating below the theoretical top of rock fill line.

Materials shall meet the requirements of the following Articles:

CA-6 and CA-7 1004.04

Rock fill 1005.01

All rock fill shall be well graded. The gradation of rock fill shall be selected based on layer thickness as shown below:

Less than or equal to 3 ft ................... Stone Riprap RR 1

Greater than 3 ft ................... Primary Crusher Run or Shot Rock (18" max size)

The method of rock fill placement shall be approved by the Engineer. Rock fill shall be capped according to application as shown below:

Spread Footing 4 to 6 inches CA-6

 Cast-In-Place Box Culverts 6 inches CA-6

Pre-Cast Box Culverts Porous Granular Bedding Material (Article 540.06)

Pre-Cast Pipe Culverts 4 to 6 inches Fine Aggregate (Article 542.04(c))

The rock fill and CA 6 cap shall be compacted to the satisfaction of the Engineer.

This work will be measured and paid for at the contract unit price per ton for ROCK FILL – FOUNDATION. The contract price for ROCK FILL – FOUNDATION shall include aggregate materials and aggregate material placement.

Excavation for the rock fill will be performed in accordance with section 502 and measured according to Article 502.12 (b). The excavation will be paid for at the contract unit price per cubic yard for REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS FOR STRUCTURES.