

CHANNEL BLOCK:

Description

The work covered by this section consists of the construction and maintenance of physical barriers placed in abandoned channel segments to prevent future stream avulsions.

The quantity of channel blocks to be constructed will be affected by the actual conditions that occur during the construction of the project. The quantity of channel blocks may be increased, decreased, or eliminated entirely as directed. Such variations in quantity will not be considered as alterations in the details of construction or a change in the character of the work.

Materials

Refer to Division 10 of NCDOT 2018 Standard Specifications for Roads and Structures

Item	Section
No. 57 Stone	1005
Riprap, Class I	1042

Construction Methods

Channel blocks shall be constructed in accordance with the Channel Block Detail shown in the plans at locations as shown in the plans, or as directed. Clear and grub all side slopes of the abandoned channel. Place channel block in abandoned channel ensuring at least 5 ft of embankment material between the plug and the face of the restored stream bank. Construct the channel block across the entire width of the abandoned channel and to an elevation of [] ft below the proposed fill elevation as shown in the plans. The length of the channel block is to be a minimum of [] ft and a maximum of [] ft.

Measurement and Payment

No. 57 Stone will be measured and paid for as provided in the Structure Stone Special Provision.

Riprap, Class I will be measured and paid for as provided in the Structure Stone Special Provision.

Such price and payment shall be considered full compensation for all work covered by this section, including, but not limited to furnishing all materials, labor, equipment, and incidentals necessary to construct the channel blocks.