

PERMANENT STONE CHECK DAM

****From Richmond STP 0284(17)Richmond CMG PARK(31)**

- xx. DESCRIPTION. This work shall consist of furnishing, installing, and maintaining permanent stone check dams at the locations indicated in the Plans and as directed by the Engineer.

The work under this Section shall be performed in accordance with these provisions, the Plans, and Section 653 of the Standard Specifications.

- xx. MATERIALS. Materials shall meet the requirements of the following Subsections:

Stone for Stone Check Dam.....704.17(b)
 Permanent Erosion Matting.....755.11(b)

Geotextile fabric shall conform to the requirements of Section 720 for Geotextile Under Stone Fill.

- xx. CONSTRUCTION REQUIREMENTS.

- (a) Permanent Stone Check Dam. Permanent Stone Check Dam shall be designed for placement in a channel/roadside swale. Permanent Stone Check Dam structures shall be placed on geotextile and shall have a typical height as shown in the Plans. They may vary in height, width, and the length depending on site specific conditions. The center shall be at least 150 mm (6 inches) lower than the outside edges and the outside edges shall be a minimum of 150 mm (6 inches) lower than the adjoining banks. A 150 mm (6 inch) layer of landscape backfill shall be placed over stone and seeded as shown in the Plans. The specified configuration will form a spillway or weir at the center for overflow and will prevent water from overflowing onto the roadway or from eroding the banks.

During construction, the Contractor shall remove accumulated sediment in accordance with the Contract Documents or as directed by the Engineer, but generally when it reaches half the height of the structure.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Permanent Stone Check Dam) to be measured for payment will be the number of cubic meters (cubic yards) of the stone specified used in the complete and accepted work.

7/11/2013

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Permanent Stone Check Dam) will be paid for at the Contract unit price per cubic meter (cubic yard). Payment will be full compensation for furnishing, transporting, handling, and placing the material specified and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work. Geotextile, stone fill, erosion matting, or any other items necessary to complete the work shall be considered incidental to Special Provisions (Permanent Stone Check Dam).

Landscape Backfill will be paid separately under Contract item 656.80.

Unless otherwise specified in the Contract, payment for the maintenance and cleaning of Permanent Stone Check Dam will be incidental to Special Provision (Permanent Stone Check Dam).

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.608 Special Provision (Permanent Stone Check Dam, Type I)	Cubic Meter (Cubic Yard)