

SECTION 255 SEDIMENT TRAP

255.01 Description. This work consists of constructing, maintaining, and ultimately removing sediment traps as a temporary measure to intercept sediment-laden runoff and to retain the sediment. Sediment traps shall be constructed as shown on Standard Construction Detail, Sediment Trap, at the locations shown on the Plans, and as directed by the Engineer.

MATERIALS.

255.02 Seed. Seed shall conform to the requirements of [Section 734](#).

255.03 Mulch. Mulch shall conform to the requirements of [Section 735](#).

CONSTRUCTION METHODS.

255.04 Construction of Sediment Trap. The Contractor shall construct sediment traps by excavating to the dimensions and elevations indicated on the Plans and Standard Construction Detail, Sediment Trap. Upon completion of the initial excavation for the trap, the side slopes shall be stabilized with seed and straw mulch or by using a method approved by the Engineer. The Engineer will approve the utilization and disposal of all excavated materials.

If any sediment trap conflicts with the placement of permanent drainage pipes or ditch lines, the Contractor shall first excavate the sediment trap to the dimensions and elevations shown on the Plans. Then, when the sediment trap is no longer needed, the proposed pipes and/or ditches shall be placed.

Sediment traps shall not be excavated in excess of 4' (1.2 m) deep. Sediment traps having proposed bottom elevations greater than 4' (1.2 m) lower than the original grade shall be excavated in stages concurrent with the roadway excavation.

255.05 Maintenance of Sediment Trap. Throughout the phases of construction that require erosion and sediment control, the Contractor shall maintain the sediment trap to the original dimensions and function of the sediment trap. Immediately after every rainfall, the Contractor shall inspect the sediment trap and make repairs as needed.

255.06 Sediment Removal. When sediment has accumulated to one-half the design depth of the trap, the sediment shall be removed and the trap restored to its plan dimensions and elevations. The Contractor shall clearly mark the cleanout elevation on a stake driven into the ground at the bottom of the trap. Sediment removed from the trap shall be disposed of in a manner suitable to the Engineer.

255.07 Removal of Sediment Trap. After all areas draining to the trap are permanently stabilized and the Engineer has approved its removal, the sediment trap shall be backfilled and the area restored to the original or plan contours and stabilized with seed and mulch.

255.08 Method of Measurement. The quantity of sediment traps will be measured as the actual number of cubic yards (cubic meters) of material excavated to construct the sediment traps. The volume of excavated material will be computed from the actual dimensions and elevations of the sediment traps constructed as shown on the Plans.

The quantity of sediment removal will be measured according to [Section 250](#).

255.09 Basis of Payment. The quantity of sediment traps will be paid for at the Contract unit price per cubic yard (cubic meter) of excavated material. Price and payment will constitute full compensation for excavating and backfilling; for removing the sediment traps; for restoring the site; for seeding and mulching; and for all labor, equipment, tools, and incidentals required to complete the work. Sediment trap outlet devices will be paid for separately under the appropriate item for the type of outlet device required.

The quantity of sediment removal will be paid for according to [Section 250](#).

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