

SECTION 02275

SEDIMENTATION BASINS

1. PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Construction of Sedimentation Basin.
- B. Cleanout of Sedimentation Basin.

1.2 RELATED SECTIONS

- A. Section 02222 - Excavation.

1.3 FIELD MEASUREMENTS

- A. Verify that survey bench work and intended elevations for the Work are as indicated.

1.4 UNIT PRICE MEASUREMENT AND PAYMENT

A. Sedimentation Basin:

- 1. Basis of Measurement: At the unit price bid per each sedimentation basin as stated in the proposal.
- 2. Basis of Payment: Includes material, labor, and equipment for required excavation beyond that for typical cross-section of drains, spoil leveling, spoil hauling, rock barrier, seeding and cleanout during Project.

2. PART 2 PRODUCTS

2.1 ROCK BARRIER MATERIAL

- A. Crushed limestone having a minimum size of 2 inches and a maximum size of 4 inches. Stone dry density shall be a minimum of 165 pounds per cubic foot.

3. PART 3 EXECUTION

3.1 CONSTRUCTION

A. Sedimentation Basins - Soil Erosion Control.

- 1. Excavate sedimentation basin 2.0 foot deeper than proposed flow line unless otherwise indicated on the plans and specifications.
- 2. Construct a smooth transition from basin cross section to proposed drain section 20 feet upstream and downstream.

3.2 CLEANOUT

- A. During construction of the Project all basins shall be cleaned out to the original excavated cross section as directed by the Engineer.
- B. Spoils are to be spread as specified in Section 02222 – Excavation or become the property of the Contractor.
- C. Clean out sedimentation basins before final payment.

END OF SECTION