

SECTION 706 S RESERVED

DRAINAGE

SECTION 707 CORRUGATED STEEL DOWNSPOUTS

707.01 Description. This work consists of placing corrugated steel pipe downspouts in fill slopes from portland cement concrete intake aprons and intake basins to discharge points at the top of slopes or to downspout splash aprons.

MATERIALS.

707.02 Pipe. Corrugated steel pipe shall conform to AASHTO M 36/M 36M.

707.03 Concrete. Materials and composition of the mix shall conform to the requirements of [Section 812](#), Class B.

CONSTRUCTION METHODS.

707.04 Downspout Splash Aprons. Reinforced portland cement concrete splash aprons shall be placed at the discharge end of the corrugated steel downspouts at elevations shown on the Plans. Splash aprons shall be constructed according to the requirements of [Section 602](#).

707.05 Intake Aprons. Portland cement concrete intake aprons shall be placed in the roadway shoulder at the locations and to the elevations shown on the Plans. The shapes and elevations shall be set and maintained with forms. The contours of the surface shall be shaped by hand methods using templates as necessary. Intake aprons shall be constructed according to the requirements of [Section 602](#).

707.06 Intake Basins. Reinforced portland cement concrete intake basins shall be placed in the roadway shoulder at the locations and to the elevations shown on the Plans. The intake basins shall be constructed according to the requirements of [Section 708](#).

707.07 Final Site Work and Cleanup. The discharge end of the pipe shall be completed as shown on the Plans. When all construction on the intake, downspout, and splash aprons has been completed, all excess earthwork and debris shall be removed. The areas shall conform to the typical section, and the site of each operation shall be left in a neat condition.

707.08 Method of Measurement. The quantity of corrugated steel downspout will be measured as the number of linear feet (linear meters) of downspout placed, including bends, measured along the downspout from the intake end to the discharge end of the pipe. The quantity of intake basins, intake aprons, and downspout splash aprons will be measured as the number of each constructed basin and apron placed.

707.09 Basis of Payment.

- a. *Corrugated Steel Downspouts.* The quantity of corrugated steel downspouts will be paid for at the Contract unit price per linear foot (linear meter).
- b. *Intake Aprons.* The quantity of intake aprons will be paid for at the Contract unit price for each intake apron.

- c. *Intake Basins.* The quantity of intake basins will be paid for at the Contract unit price for each intake basin.
- d. *Downspout Splash Aprons.* The quantity of downspout splash aprons will be paid for at the Contract unit price for each downspout splash apron.

Price and payment for all items in this Section will constitute full compensation for furnishing and placing all materials, including bar reinforcement, course aggregate, and grating; for excavating, backfilling, regrading shoulders and slopes, site clearing, and disposing of surplus material; and for all labor, equipment, tools, and incidentals required to complete the work.