

**TECHNICAL SPECIFICATION 301
CLEAN EXISTING DRAINAGE SYSTEM**

301.1 SCOPE OF WORK

The work included in this item shall consist of furnishing all labor, materials, testing, submittals, tool and equipment to perform all work necessary for cleaning, removing and disposing of all sludge, dirt, sand, gravel, roots, grease, and other debris from the existing drainage system which includes: pipes, 12 inches to 42 inches diameter; culverts, greater than 42 inches diameter; manholes; catch basins; and drop inlets, throughout the project limits, as directed by the Engineer.

301.2 MATERIALS

Not applicable.

301.3 SUBMITTALS

Not applicable.

301.4 CONSTRUCTION METHODS

Selection of the equipment used shall be based on the condition of structures and the lines at the time the cleaning operations commence and shall be approved by the Engineer.

The sequence of the Contractor's work shall allow for the proper and adequate maintenance of all functional drainage systems.

Precautions shall be taken to protect the drainage systems at all times. All workmen shall be experienced and skilled in the use of the equipment used. The Engineer reserves the right to prohibit use of any equipment or method deemed inappropriate for the intended work.

Any and all debris resulting from the cleaning operations shall be removed from the job site and disposed of by the Contractor. The Contractor shall make every effort to remove all sludge, dirt, sand, gravel, roots, grease, and other debris from the existing drainage systems including discharge points. Washing sludge, dirt, sand, gravel, roots, grease, and other debris downstream shall not be permitted.

301.5 MEASUREMENT

Catch basins, manholes and drop inlets will be measured for payment by the actual number of units cleaned. Pipes and culverts cleaned under this item will be measured for payment by the actual number of linear feet of pipe/culvert cleaned for those 12 inches to 42 inches in diameter, and those greater than 42 inches in diameter.

301.6 PAYMENT

This work will be paid for at the contract unit price each for "Clean Existing Catch Basin," "Clean Existing Manhole," "Clean Existing Drop Inlet." Cleaning of pipes and culverts will be paid for at the contract unit price per linear foot for, "Clean Existing Pipe/Culvert—12 inches to 42 inches in Diameter," "Clean Existing Culvert—Greater than 42 inches in Diameter," which price shall include all labor, materials, testing, submittals, tool and equipment incidental to the completion of these items. All costs incidental to the disposal of sludge, dirt, sand, gravel, roots, grease, and other debris will be included in the price above.

PAY ITEM	PAY UNIT
Clean Existing Catch Basin	EA.
Clean Existing Manhole	EA.
Clean Existing Drop Inlet	EA.
Clean Existing Pipe/Culvert – 12" to 42"	L.F.
Clean Existing Culvert – Greater than 42"	L.F.