

## **ITEM 15576.1302 M - CLEANING DRAINAGE SYSTEMS**

### **Description**

The work shall consist of cleaning and maintaining, in a clean condition, existing drainage systems. The work shall be accomplished at the locations indicated on the plans, or where directed by the Engineer. Dismantling and reinstalling the elements to be cleaned, if such work is necessary to clean the elements required, shall be included as part of this work.

### **Materials**

Not specified. All equipment shall be approved by the Engineer prior to actual use.

### **Construction Details**

The existing downspouts, scuppers and troughs, shall be cleaned by using high pressure water, vacuum, or other techniques satisfactory to the Engineer. Chemical cleaning compounds shall not be used during flushing operations, unless clearance has been given by the Regional Director for its use. Debris from the cleaning operations shall not be deposited in, or around, the structure, highway, roadway slopes, drainage systems or streams. It shall be disposed of in a manner satisfactory to the Engineer.

Cleaned scuppers, downspouts and troughs shall allow the unimpeded flow of water. After cleaning has been completed, the Engineer shall determine the flow characteristics of the cleaned system. If, in his opinion, flow is still impeded in any manner, he will direct the Contractor to reclean the system, including dismantling and reinstalling, if required, at no additional costs. Any damage to the system or structure that occurs during cleaning operations shall be repaired by the Contractor to the satisfaction of the Engineer at no additional expense to the State. The system, including but not limited to, scuppers, troughs and downspouts, shall be maintained clean by the contractor for the duration of the contract.

### **Method of Measurement**

The quantity to be measured will be the number of drainage systems cleaned as required.

### **Basis of Payment**

The unit price bid for each drainage system shall include the cost of furnishing all labor, materials and equipment necessary to complete this work. Only one payment will be made, regardless of the number of times the system is cleaned.