

**05025 Deck Drains****Index**

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**05025-1      Description**

The work shall consist of hydro blasting, rotor routing and/or vibrating loose debris in the deck drain leads on the following bridges: Idylwyld (and ramps) and University Bridge.

**05025-2      Materials**

The Contractor shall supply all materials to carry out the work.

**05025-3      Equipment**

The following equipment shall be available for use and in good working order:

- one - hydro blaster capable of 8,000 psi.
- one - roto router capable of routing 50 to 100 feet.
- two - 50 gallon tanks with a pump capable to discharge at the rate of 50 gallons per minute.

The equipment cited shall not be limited to the work but only as a minimum.

**05025-4      Procedure**

The Contractor shall rod or hydro blast the vertical deck drain leads on the blocked leads of the University Bridge.

On the Idylwyld Bridge the Contractor shall remove the catch basin grating and test for blockage using 50 gallons of water. If the leads are clear, the Contractor shall replace the catch basin grating to the satisfaction of the Engineer and proceed to the next catch basin.

Where the catch basin lead is clogged, the Contractor shall use the cited equipment to try to clear the lead. In the event that there is no significant progress in the unclogging process, the Engineer shall decide when to stop the endeavour. Their decision is final.

**05025-5      Test**

Where directed by the Engineer, the Contractor shall cause to be discharged up to 500 gallons of water into a catch basin lead. This is to demonstrate to the Engineer that the lead is open.

**05025-6     Payment**

Payment shall be on an hourly basis for:

- Cleaning the leads on the University Bridge.
- Cleaning the leads on the Idylwyld Bridge.

The rates shall include all labour, materials and equipment to carry out the work as well as the cost for traffic control.

The payment for the test shall be as specified on a per gallon basis. Included in this shall be the cost of the water and equipment necessary for the test.

**End of Specification 05025**