

**ITEM 582.9902 16 - INSTALLATION OF GALVANIC ANODES**

**DESCRIPTION:**

This work will consist of installing galvanic anodes and testing for electrical conductivity at locations indicated in the contract documents.

**MATERIALS:**

- A. Installed galvanic anodes shall be compact-cylindrical shaped, pre-manufactured, and consist of electrolytic High Grade Zinc in compliance with ASTM B 418-95a Type 1, cast around a steel tie wire and encased in a highly alkaline cementitious shell as manufactured under the trademark "Galvashield CC" supplied by Vector Corrosion Technologies, Inc.; [www.vector-corrosion.com](http://www.vector-corrosion.com), or an approved equal as approved by DCES.
- B. Reinforcement steel tie wire shall be 1.5-mm wire gauge or heavier, un-coated, black annealed wire, meeting the requirements of ASTM A 82-97a.
- C. Electrical sealant shall be as specified by the anode manufacturer.
- D. Grout shall be as specified by the anode manufacturer.

**CONSTRUCTION DETAILS:**

The size of the anode shall be as specified in the contract documents.

The Contractor shall install Galvanic Anodes where indicated in the contract documents or where directed by the Engineer.

Installation methods shall be as specified by the anode manufacturer and shall be approved by the DCES.

**METHOD OF MEASUREMENT:**

This work will be measured as the number of galvanic anodes installed in accordance with the contract documents or as directed by the Engineer.

**BASIS OF PAYMENT:**

The unit price bid per galvanic anode shall include all material, equipment, and labor necessary to install, connect, test the anode, seal the splice and/or connection, and grout the installation. Payment for concrete removal will be paid for under this item as shown in the contract documents.

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