

## ITEM 582.99 03 - EMBEDMENT OF GALVANIC ANODES IN CONCRETE

### DESCRIPTION:

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

### MATERIALS:

Embedded galvanic anodes shall be compact-puck shaped, pre-manufactured, and consist of electrolytic High Grade Zinc in compliance with ASTM B6-00, cast around a pair of steel tie wires and encased in a highly alkaline cementitious shell as supplied by one of the following or an approved equal:

BMS, Division of Ablestar Corp.  
PO Box 1625  
Plainville, MA 02762

Platt Brothers & Co  
PO Box 1030  
Waterbury, CT 06721

Stuart Steel Protection Corp  
P.O. Box 476  
South Bound Brook, NJ 08880

Reinforcement steel tie wire shall be 1.5-mm wire gauge or heavier, un-coated, black annealed wire.

### CONSTRUCTION DETAILS:

The Contractor shall embed Galvanic Anodes in concrete where indicated on the plans or where directed by the Engineer.

### 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, and test the anode. Payment for concrete removal, steel reinforcement repair/replacement, and concrete replacement will be paid for under their respective items as shown on the plans.