

810 - INERTIAL BARRIER SYSTEM

SECTION 810

INERTIAL BARRIER SYSTEM

810.1 DESCRIPTION

Install and relocate inertial barrier systems as shown in the Contract Documents. Stockpile the replacement modules at the project site.

BID ITEMS

Inertial Barrier System
Replacement Modules (*)
*Series

UNITS

Each
Each

810.2 MATERIALS

Provide aggregate for underdrains, UD-1 or fine aggregate for concrete, or FA-A that complies with **DIVISION 1100**.

Provide inertial barrier systems and replacement modules that comply with **DIVISION 1700**.

Provide commercially available rock salt. The Engineer will accept the rock salt based on visual inspection at the point of usage.

Impact attenuators prequalified under **DIVISION 1700** may be substituted for inertial barrier systems with approval of the Engineer.

810.3 CONSTRUCTION REQUIREMENTS

Provide the Engineer with the manufacturer's product data sheets for the inertial barrier system. Install the inertial barrier system according to the manufacturer's recommendations.

At the beginning of each project and in the presence of the Engineer, fill the inertial barrier system modules with a mixture of 95% aggregate and 5% rock salt by weight. Use aggregate with a moisture content of 3% or less by weight, determined according to **DIVISION 2500**. Fill each of the modules with any of the specified mixture of aggregates and rock salt. Do not mix the types of aggregates within a module.

When shown in the Contract Documents relocate the inertial barrier system.

Install replacement modules of the inertial barrier system when damaged by traffic.

Unless otherwise noted in the Contract Documents, the inertial barrier system and replacement modules are the property of the Contractor upon completion of the project.

810.4 MEASUREMENT AND PAYMENT

The Engineer will measure each inertial barrier system. Each unit will be measured only once, even if the unit is relocated on the project.

The Engineer will measure each replacement module used on the project. The quantity of replacement modules stockpiled on the project site, but not used on the project, will not be measured for payment.

Payment for each for "Inertial Barrier System" and "Replacement Modules" at the contract unit prices is full compensation for the specified work.