**Revision of Section 614**

**Impact Attenuator (Sand Barrel Array)**

**Revise Section 614 of the Standard Specifications for this project to include the following:**

# Description

This work consists of furnish, install and filling of sand barrel array impact attenuators. This work shall be done per these specifications and in conformity with the lines and details shown on the plans or established.

# Materials

Materials for plastic barrels and sand shall conform to the requirements of the manufacturer and requirements shown on the plans. Sand and water filler materials shall be treated according to the manufacturer's recommendations to prevent freezing to a temperature of -50 °F.

# Construction Requirements

The design speed of the impact attenuators shall be ♦ mph.

Impact attenuators shall be placed on hot bituminous pavement.

The Contractor shall paint, with a white epoxy paint, an outline and the filled weight of each barrel on the pavement before final placement. All numbers shall be a minimum of 6 inches high.

The filled weight of each sand barrel and total number of barrels required for Sand Barrel Array shall be per Standard Plan M-614-2 or as otherwise shown on the plans.

# Method of Measurement

Impact Attenuator (Sand Barrel Array) will be measured by the number of arrays installed and accepted.

# Basis of Payment

The accepted quantities will be paid for at the contract unit price for the pay item listed below.

Payment will be made under:

| Pay Item | Pay Unit |
| --- | --- |
| Impact Attenuator (Sand Barrel Array) | Each |

Payment will be full compensation for all work and materials required to furnish, install, and sand fill the impact attenuator array. Site preparation and epoxy painting will not be measured and paid for separately, but shall be included in the work.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**Instructions To Designers** (Delete these instructions and highlights in your final draft)

♦ Insert Design Speed.