

SECTION 852—PAVED ENERGY DISSIPATOR

852.1 DESCRIPTION—This work is construction of a reinforced cement concrete channel, with embedded stones or solid precast blocks.

852.2 MATERIAL—

- Class A Cement Concrete—[Section 704](#)
- Reinforcement—[Section 709.3](#)
- Precast Concrete Blocks—[Section 713.2\(a\)](#)
- Joint Sealing Material—[Section 705.4\(b\)](#) or [\(c\)](#)
- Premolded Expansion Joint Filler—[Section 705.1](#)
- Bituminous Paper—[Section 727](#)
- Stones—acceptable quality

852.3 CONSTRUCTION—As shown on the [Standard Drawings](#) and as follows:

Excavate to the required paving depth. Remove unsuitable material below the bottom of the paving and then replace with suitable material. Thoroughly compact and finish the entire foundation area to a firm, even surface.

Mix, place, finish, and cure the concrete, as specified in the applicable parts of [Section 1001.3](#). Hold the reinforcement firmly in position during the placing of concrete.

Pave in uniform 3 m (10-foot) lengths or sections except where shorter sections are necessary for closures or curves. Place premolded expansion joint filler, 13 mm (1/2 inch) thick, cut to conform to the paving cross section at the ends of curved sections, at intervals of not more than 30 m (100 feet), at the end of a day's work, and where paving is adjacent to a rigid structure. Use joint filler with a depth of 13 mm (1/2 inch) less than the paving depth and press firmly against the adjacent concrete. Seal the joint top with joint-sealing material. Form intermediate joints between sections, with two thicknesses of one-ply bituminous paper cut neatly to the paving cross section.

Protect paving from the elements, flowing water, or other disturbances until curing is completed.

852.4 MEASUREMENT AND PAYMENT—

(a) Paved Energy Dissipator. Cubic Meter (Cubic Yard)

(b) Excavation. Cubic Meter (Cubic Yard)

For removal of unsuitable material of the same class of excavation for the ditch or channel above the paving.