

## SECTION 667—CEMENT CONCRETE PAVING FOR STREAM BEDS

**667.1 DESCRIPTION**—This work is construction of reinforced cement concrete paving for stream beds.

### 667.2 MATERIAL—

- Class A Cement Concrete—[Section 704](#)
- Joint Sealing Material—[Section 705.4\(b\)](#) or [\(c\)](#)
- Premolded Expansion Joint Filler—[Section 705.1](#)
- Reinforcement—[Sections 709.3](#) and [709.4](#)
- Curing and Protecting Covers—[Section 711.1](#)
- Concrete Curing Compound—[Section 711.2\(a\)](#)

**667.3 CONSTRUCTION**—As shown on the [Standard Drawings](#), as specified in the applicable parts of [Section 1001.3](#), and as follows:

**(a) General.** Excavate the streambed to the required dimensions. Remove unsuitable material below the paving bottom and replace with acceptable material. Compact the entire foundation and finish to a firm, even surface. Protect paving portions under construction from the elements, flowing water, or other disturbances until curing is completed.

**(b) Reinforcement.** Place reinforcement, as indicated, and then hold firmly in position during the placing of concrete.

**(c) Joints.** Form or saw contraction joints 5 mm (3/16 inch) wide and 50 mm (2 inches) deep. Saw as soon as possible after the concrete sets sufficiently to preclude raveling during sawing and before any shrinkage cracking occurs in the concrete. The depth of the saw cut may be decreased at the edge adjacent to the pavement if required to obtain a maximum depth without pavement damage.

Tool the edges of construction joints to a 6 mm (1/4-inch) radius.

Place 13 mm (1/2-inch) premolded expansion joint filler, cut to conform to the cross-sectional area at not more than 30 m (100-foot) intervals, at the end of curve sections, at structures, and at the end of a day's work. Make the filler 13 mm (1/2 inch) less than the pavement depth.

Seal joints as specified in [Section 501.3\(n\)](#).

### 667.4 MEASUREMENT AND PAYMENT—

**(a) Cement Concrete Paving for Stream Beds.** 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.