

SECTION 640—PLAIN CEMENT CONCRETE GUTTER

640.1 DESCRIPTION—This work is construction of plain cement concrete gutter.

640.2 MATERIAL—

- Class AA Cement Concrete—[Section 704](#)
- Asphalt Cement—Class PG 64-22 or PG 58-28
- Joint Sealing Material—[Sections 705.4\(b\)](#) or [\(c\)](#)
- Caulking Compound—[Section 705.8](#)
- Covers for Curing and Protection—[Section 711.1](#)
- Curing Compound—[Section 711.2\(a\)](#)

640.3 CONSTRUCTION—As shown on the [Standard Drawing RC 64M](#), as specified in the applicable parts of [Section 501.3](#), and as follows:

(a) Foundation. Form the foundation for the gutter bottom at the required depth below the finished surface as indicated. Remove unsuitable materials, replace with acceptable embankment material, as specified in [Section 206.2\(a\)](#), and then compact thoroughly to a firm, even surface.

(b) Forms. Use acceptable forms of wood or metal.

(c) Placing and Finishing Concrete. Place the concrete on a moist foundation between the forms, consolidate, and then strike off to the required shape. Finish smoothly and evenly with a wood float. Where the gutter joins other structures, seal the adjacent edges with an approved Asphalt Cement. Tool the gutter edge to the radius indicated.

(d) Joints. Form or saw contraction joints to dimensions shown on the [Standard Drawing RC 64M](#) and as specified in [Section 501.3\(i\)](#).

Place 19 mm (3/4-inch) premolded expansion joint material that is cut to the cross section of the gutter at structures and where gutter placement ends each work day.

Prepare and seal or caulk joints, according to manufacturer's recommendations.

(e) Backfilling. After the concrete has hardened sufficiently, backfill the spaces adjacent to the gutter with acceptable embankment material, as specified in [Section 206.3\(b\)4](#).

640.4 MEASUREMENT AND PAYMENT—

(a) Plain Cement Concrete Gutter. Square Meter (Square Yard)

(b) Class 1 Excavation. Cubic Meter (Cubic Yard)