

## SECTION 422—BITUMINOUS WEARING COURSE FJ-1 AND BITUMINOUS WEARING COURSE FJ-1C

**422.1 DESCRIPTION**—This work is construction of a wearing course of plant-mixed bituminous concrete on a prepared surface.

**422.2 MATERIAL**—[Section 401.2](#) and as follows:

**(a) Bituminous Material.**

- Asphalt Cement, Class PG 64-22.
- The Contractor may use Asphalt Cement, Class PG 58-28 instead of PG 64-22 in Districts 1-0, 2-0, 3-0, 4-0, 9-0, 10-0, 11-0, 12-0, and 5.0 (Monroe, Carbon, and Schuylkill counties only).

**(b) Fine Aggregate.** [Section 703.1](#)

**(c) Filler.** [Section 703.1\(c\)1](#)

**(d) Mixture Composition.** [Section 401.2\(e\)](#), except revise the following JMF and production limits:

- JMF and production stability of at least 4400 N (1,000 pounds) at 60 °C (140F).
- JMF unfilled voids from 3% to 6%. Production limit for voids of  $\pm 2$  percentage points of the JMF voids and within the master range of 2.0% to 7.0%.

**422.3 CONSTRUCTION**—[Section 401.3](#), except as follows:

**(b) Weather Limitations.** Revise as follows:

Do not place wearing course from September 15 to May 15 in Districts 1-0, 2-0 (except Juniata and Mifflin counties), 3-0, 4-0, 5-0 (Monroe and Carbon counties only), and 10-0; and from October 1 to May 1 in Districts 2-0 (Juniata and Mifflin counties only), 5-0 (except Monroe and Carbon counties), 6-0, 8-0, 9-0, 11-0, and 12-0. Exceptions to paving weather limitations require the written approval of the District Executive.

**(c) Bituminous Mixing Plant.**

**1. Plant Requirements.** The Contractor may produce the mixture using one bin. If the Contractor chooses to use more than one bin, combine the aggregate according to the JMF.

**422.4 MEASUREMENT AND PAYMENT**—

**(a) Bituminous Wearing Course FJ-1 or Bituminous Wearing Course FJ-1C.** Square Meter (Square Yard) or Tonne (Ton)

**(b) Scratch or Leveling Courses.** Tonne (Ton)