# Planing Concrete Pavement Prior to Placement of a Bituminous Overlay JSP-04-15

**1.0** **Description.** This work shall consist ofcold milling or diamond grinding concrete pavement to provide a relative smooth pavement surface prior to placement of a bituminous overlay as shown on the plans or directed by the engineer.This work shall be conducted in accordance with Sec 622.10, except as modified herein.

**2.0 Construction Requirements.**

**2.1** The milled surface of each layer shall be substantially free from waves or irregularities. The final milled surface shall not vary from a 10-foot (3 m) straightedge, applied parallel to the centerline, by more than 1/8 inch (3 mm). A maximum tolerance of 1/16 inch (2 mm) will be allowed for adjacent sides of joints and cracks, except that under no circumstances shall the milling or grinding depth exceed ¾ inch (20 mm) from the top of the original surface. The texture of the final milled surface may be either continuous or discontinuous longitudinal striations. Unground surface area between passes will be permitted as shown on the plans or as approved by the engineer.

**2.2** Spalling or widening of existing joints or cracks is unacceptable and shall be repaired as directed by the engineer. Spalled areas presenting a hazard shall be repaired using an approved bituminous mixture. All such repairs will be performed by the contractor at the contractor’s expense.

* 1. The contractor shall remove and dispose of all residues from diamond grinding operations in accordance with Sec 622.3.30.8.

**3.0 Method of Measurement.** Measurement will be made to the nearest square yard (m2). Measurement will be based upon the full pavement lane width being planed.

**4.0 Basis of Payment.**  The accepted quantity of planed pavement surface will be paid for at the contract unit price for Concrete Planing (Bituminous Overlay).