

SECTION 515—PLANING PAVEMENT

515.01—Description.

This work shall consist of planing rigid or flexible pavement to the designated depth in preparation for pavement repair or pavement overlay.

515.02—Procedures.

Planing shall be performed with a pavement-planing machine of a type that has operated successfully on work comparable to that specified in the Contract.

Equipment and vehicles in use under traffic shall operate flashing or rotating amber lights. In addition, trail vehicles shall be equipped with electronic flashing or sequential amber arrows.

Irregularities and high spots shall be eliminated. The pavement surface shall be planed to the designated grade or gradient of approximately 1/4 inch per foot or as directed by the Engineer. Superelevated curves shall be planed as directed by the Engineer. Where the pavement is to be resurfaced, a 1-inch shoulder shall be cut along the gutter line to eliminate the necessity of feathering the edge of the new surface. Pavement cuttings shall be disposed of in accordance with the requirements of Section 106.04.

The planed surface shall be free from gouges, grooves, ridges, soot, oil film, and other imperfections and shall have a mosaic appearance suitable as a riding surface.

- (a) **Hot Planing Methods:** Hot planing equipment shall be a self-propelled machine capable of heating, planing, and removing flexible pavement to the required depth, profile, and cross section. The machine shall be capable of cutting to a depth of at least 1/2 inch per pass and shall have an integral loader to pick up cuttings from the roadway and discharge them into a truck in a single operation. Planing machine burners shall use a heating fuel that will not cause aggregates or asphalt to be coated with soot or oil.
- (b) **Milling and Cold Planing Methods:** Milling and cold planing equipment shall be capable of cutting to a depth of 2 inches in flexible pavement and 1/2 inch in rigid pavement while leaving a uniformly cut roadway surface capable of handling traffic prior to overlay placement. The ground speeds of the machine and the cutting equipment shall be independent. The machine shall have a self-contained water system for the control of dust and fine particles. The width of the machine shall allow controlled traffic.

515.03—Measurement and Payment.

Planing will be measured in square yards of pavement surface per 1 inch of depth and will be paid for at the contract price per square yard per 1 inch. This price shall include vehicles, safety equipment, warning devices, and removing and disposing of existing pavement.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Flexible pavement planing	Square yard
Rigid pavement planing	Square yard