

## SECTION 652 - COLD PLANING OF EXISTING PAVEMENT

652.01 **Description.** This work includes removing specified thicknesses of existing pavement by cold planing according to the contract.

652.02 **Materials.** None specified.

652.03 **Construction Requirement.**

(A) **Equipment.** The planing machine shall be power operated self-propelled type with nonpneumatic tires. The Contractor shall design and build the planing machine for planing and cutting flexible and rigid pavements. The machine shall plane without tearing or gouging the underlying surface and blade material into a windrow. The machine includes a cutting drum totally enclosed in a shroud to prevent discharge of loosened material into adjacent work areas. The machine shall operate at speeds from five (5) to fifty (50) feet per minute. The Contractor shall design the machine so that the operator can observe the work without leaving the control area. The Contractor may require a zero (0) to three (3) inch deep cut to predetermine grade on one (1) pass. The machine shall be adjustable as to crown and depth by tilting the drum axis and a guidance system furnished to control grade and match adjacent pavements or cuts. The machine shall also have a height control device to regulate the cutting depth and required grade. A dust suppression system with adequate water storage tanks and high pressure spray bar with spray nozzles shall be standard equipment.

The Contractor shall furnish one (1) or more planing machines operated by experienced workers.

(B) **Saw Cutting.** The Contractor shall saw cut the existing pavement areas before cold planing.

(C) **Planed Surface.** The surface produced after cold planing shall be such that a ten (10) foot straight edge laid longitudinally and laterally shall have variances of less than three-eighths (3/8) inch (except in crown area). The finished surface shall be free of loosened material.

The Contractor shall vacuum sweep cold planed areas immediately after cold planing. The vacuum sweep shall remove gravel-sized material and dust not picked up by the cold planing operation. The vacuum sweep shall not preclude the dust control operation during cold planing.

The Contractor shall begin paving before three (3) working days after cold planing begins. The Contractor shall not expose the cold planed areas to public traffic for more than three (3) calendar days except due to unforeseen conditions. Before paving, the Contractor shall vacuum sweep the cold planed surface again.

652.03

The Contractor shall cold plane the full width of roadway and not \*|  
leave hazardous longitudinal or transverse drop at the end of the work \*|  
day. |

The Contractor shall dispose of the cold planed material. \*|

652.04 **Method of Measurement.** The Engineer will measure cold planing by the \*|  
square yard. |

652.05 **Basis of Payment.** The Engineer will pay for the accepted quantities \*|  
of cold planing existing pavement at the contract unit price per square yard. \*|

The price shall be full compensation for saw cutting; vacuum sweeping; \*|  
controlling dust; disposing the cold-plane material; furnishing equipment, \*|  
materials, tools, labors, and incidentals necessary to complete the work. \*|

The Engineer will make payment under: \*|

Pay Item	Pay Unit
Cold Planing	Square Yard

**SECTION 653 to SECTION 696 (UNASSIGNED)**

**SECTION 697 (RESERVED)**

**SECTION 698 (RESERVED)**