ITEM 674

REMOVING PAVEMENT STRIPING AND MARKINGS

674.1 Description. This Item shall govern for the blast cleaning of surface areas for the removal of existing permanent pavement markings and striping (all types including Type I and Type II), and removal of symbols and traffic buttons.

674.2 Material. Blasting medium shall be a quality commercial product capable of producing the specified surface cleanliness without the deposition of deleterious materials on the cleaned surface.

674.3 Equipment. All equipment shall be approved by the Engineer, prior to use and shall be of sufficient capacity to efficiently and economically clean the roadway surface to the specified cleanliness. Equipment shall be power driven and in good operating condition. Equipment shall utilize moisture and oil traps, in working order, of sufficient capacity to remove contaminants from the air and prevent deposition of moisture, oil, or other contaminants on the roadway surface.

674.4 Construction Methods. The blast cleaning shall be performed only on that portion of the roadway surface specified. Widths, lengths and shapes of the blast cleaned surface shall be of sufficient size to include the full area of the specified pavement marking/striping to be removed.

Pavement marking/striping on asphalt pavement shall be removed by water blasting. Cleaning shall be sufficient to remove loose and flaking conditions or markings on the roadway surface.

Blast cleaning of Portland cement concrete surface shall be by light sand blasting and shall be sufficient to remove all old pavement markings/striping and other contaminants.

Overblasting to the extent that it damages the roadway surface shall be held to a minimum. Very small particles of tightly adhering existing markings can remain in place if, in the opinion of the Engineer, complete removal of the small particles will result in pavement surface damage.

Existing pavement markings to be removed by blast cleaning, as specified, shall be removed by blasting to the extent that the pavement marking is either completely removed or obliterated to the satisfaction of the Engineer.
Measurement. “Removing Pavement Striping and Markings” shall be measured by:

A. Linear Foot - for longitudinal markings.

B. Each - for words, arrows and symbols

C. Square Foot - for non-longitudinal markings (gores, stop bars, crosswalks, etc.)

Removal of incidental raised pavement markers in conjunction with removing paint striping shall be considered incidental to striping removal, otherwise, raised pavement markers and buttons will be measured by each.

Where double stripes are removed, each stripe will be measured separately.

Payment. The work performed and materials furnished in accordance with this Item and measured as provided under “Measurement” will be paid for at the unit price bid for “Removing Pavement Striping and Markings” of the type and width as applicable. This price is full compensation for the elimination method used and materials, equipment, tools, labor, and incidentals.

When existing permanent pavement markings are removed from permanent pavement surfaces and not replaced (i.e., where proposed improvements necessitate realignment of travel lanes, medians, etc., and/or the installation of work zone pavement markings, etc.), measurement and payment for the removal of existing pavement markings shall be paid for in accordance with this Item.

For re-striping projects, measurement and payment for the removal of the existing pavement markings shall be considered subsidiary to the placement of the permanent pavement markings.

There are line code(s), description(s) and unit(s) for this Item:

NOTE: This Item requires other Standard Specifications:

END OF ITEM 674