

## **RUBBER REMOVAL SPECIFICATIONS**

ITEM P-619

### **RUBBER REMOVAL FROM AIRFIELD PAVEMENTS**

#### **DESCRIPTION**

619-1.1 This item shall consist of furnishing all labor, materials and equipment required for the removal of rubber from areas designated on the plans or as ordered by the Engineer. Rubber removal may be required from both portland cement and asphaltic concrete pavements.

619-1.2 This removal operation will be accomplished with high pressure water or by milling, grinding or sandblasting. The use of chemicals will not be permitted.

#### **EQUIPMENT**

619-2.1 Equipment, tools and machines used in the performance of the removal operation shall be safe and in satisfactory working condition at all times. The Contractor shall provide a certification that the Contractor's equipment has been demonstrated or that said equipment has been used in the performance of a similar contract.

#### **PERFORMANCE**

619-3.1 The high pressure water system, if used, shall have the capability of removing the rubber and restoring both portland cement concrete and asphaltic concrete surfaces to a natural surface. The treatment of the surface shall not be damaging to the asphaltic concrete or portland cement concrete surface, joint sealing material or light fixtures. If it is deemed by the Engineer that damage to the existing pavement is caused by an operational error, such as permitting pressure water to dwell in one location for an extensive time, the Contractor shall repair said damage without compensation.

619-3.2 Rubber removal shall be defined as the removal of at least 85 percent of the rubber build up. The 85 percent removal will be determined by the Engineer by visual inspection. In addition to the visual determination, the 85 percent removal level is defined such that there will not be any remaining surface of undisturbed rubber on areas larger than one square inch where the surface of the pavement material is not clearly exposed. The stain remaining on the pavement from the rubber deposits is expected to remain.

619-3.3 The method used shall not materially damage the structural integrity of the pavement. Any damage caused by the Contractor's operations shall be corrected at the Contractor's expense and in a manner approved by the engineer. The Contractor shall take precautions to protect the public from any damage due to his operations. Accumulation of sand, water, dust or other residue resulting from the removal operation shall be removed as the work progresses. The waste stream generated which is composed of water, tire rubber fragments and dirt is not a hazardous waste.

#### **METHOD OF MEASUREMENT**

619-4.1 The removal of paint or rubber shall be paid for by the number of square feet of existing rubber removed from existing pavements in accordance with the specifications and accepted by the Engineer.

#### BASIS OF PAYMENT

619-5.1 Payment shall be at the contract unit price per square foot for rubber removal. This price shall be full compensation for all materials, equipment, labor and incidentals necessary to complete the item.

Payment will be made under:

Item P-619-5.1 Rubber Removal - - per square foot