

ITEM 10594.40 M – REMOVAL OF TIMBER PLANKING

DESCRIPTION

The work shall consist of the removal and disposal of timber plank shielding at the locations designated on the Plans and as directed by the Engineer. The locations are grouped into three construction zone as shown on the Plans. The work shall also include the removal and disposal of the accumulated debris on the top of the timber planks. The accumulated debris consists of, but is not limited to, pigeon droppings and spalled concrete from the concrete underside of deck.

The contractor is WARNED that during timber planking removal operations their employees will be in contact with pigeon nesting areas. The pigeon nesting results in substantial accumulation of pigeon droppings, which can be harmful to humans if the droppings are disturbed and the particulate matter is made airborne

Histoplasmosis is a fungal infection resulting from exposure to pigeon droppings. Infectious material enters the body usually by inhalation into the lungs, but in some cases by ingestion through the mouth into the gastrointestinal tract. Pigeons do not carry the organism that causes histoplasmosis. Histoplasmosis is caused by a soil organism that requires the moist, nutrient rich environment that large masses of droppings offer.

MATERIALS

None specified.

CONSTRUCTION DETAILS

The contractor shall provide the necessary precautions for the removal of the pigeon droppings.

Workers engaged in cleaning, or any which involves exposure to pigeon droppings, should observe a high degree of personal hygiene, even if the exposure is casual. Special care must be taken to wash hands thoroughly before eating or smoking.

The following personal protective equipment shall be required at a minimum when in contact with pigeon droppings, OSHA may require more protection.

1. Rain suit
2. Gauntlet gloves
3. Rubber boots
4. Dust proof goggles
5. Respirator

Generally a respirator qualified for protection against welding gas is acceptable for this application. The respirators shall not be cleaned, but at a minimum be disposed of after use each day. The following respirators or equivalent are acceptable:

3M brand	Model # 9910
3M brand	Model # 9920
Wilson	Model # 122113

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Norton Model # 7500-7

The cleaning method shall be left to the Contractor to determine, however compressed air shall not be used. The method shall minimize the creation of airborne particles of droppings. It is recommended that pigeon droppings be wetted until damp or washed off with a high powered water hose and a cleaning solution. The water pressure shall not be strong enough to remove the paint from the steel superstructure.

The Contractor shall take proper precautions to prevent the debris from falling to the ground and shall secure the area below to be free from pedestrians, vehicles and other property subject to damage. All property that can be removed shall be properly protected. All debris that is seated on timber planking which inadvertently falls to the ground below shall be properly cleaned and disposed of in a manner satisfactory to the Engineer. All damages resulting from the Contractor operations shall be the responsibility of the Contractor and shall be corrected at no additional cost to the State.

The removal, collection and disposal of the pigeon debris and timber planking shall be in accordance with all current applicable requirements and regulations relating to worker safety and environmental protection.

METHOD OF MEASUREMENT

Payment for the work under this item will be made on a lump sum basis.

BASIS OF PAYMENT

The lump sum price bid shall include the cost of furnishing all labor, materials and equipment necessary to complete the work described in this Specification, the Plans and by the Engineer.

30 percent of the lump sum price bid will be paid after the completion of each of the three zones as shown on the Plans and to the satisfaction of the Engineer.

10 percent of the lump price bid will be paid after all timber planking has been removed and disposed of in a manner satisfactory to the Engineer.