

Exhibit E - Specification **Harford Landing Parking Lot Seal Coat & Re-Striping**

SEALCOAT – ASPHALT BASED

101.1 Summary. This specification applies to sealcoat intended to be used for sealing miscellaneous areas such as asphalt parking lots, playgrounds and similar areas. Seal coat material shall be a plant blended product composed of mineral aggregates uniformly distributed in a petroleum-based asphalt emulsion. The asphalt emulsion shall contain non-asbestos fibers.

102. Application

102.1 General. The work consists of spreading sealcoat material on the pavement where shown on the plans. The sealcoat material shall be applied in two applications over the complete area. Unless otherwise specified, the total quantity applied shall be 35 gallons per 1,000 square feet.

Sealcoat material shall be diluted as recommended by the manufacturer using clean, potable water in an amount not to exceed 20 percent of the total volume.

102.2 Spreading. Sealcoat shall only be applied when the atmospheric temperature is greater than 55 degrees Fahrenheit and if rain is not forecast for the period of 24 hours after application.

Prior to applying sealcoat material, all cracks wider than 1/8 inch shall be cleaned, treated with weed killer, and filled with hot asphalt-based crack filler approved by the Harbor District. The pavement surface shall be clean and free from dirt, oil, and grease deposits.

When ambient temperatures are over 80 degrees Fahrenheit or the pavement is excessively aged or porous, the surface shall be sprayed with a mist of water in an amount that will leave the surface damp, but with no visible puddles of water.

Sealcoat material shall be applied using a power-driven machine in continuous parallel lines and in such a manner as to eliminate all ridges, lap marks, and air pockets. Raised pavement markers, valve box covers, and manhole covers shall be protected and kept free of seal coat material.

Sealcoat material shall be homogeneous prior to spreading, with no visible separation of solids and liquids.

Apply two coats minimum. Apply additional coats, if necessary, to attain manufacturer's recommended coverage. The second coat of sealcoat material shall not be applied until the first coat has dried to the touch.

The Contractor shall exercise care to prevent sealcoat material from being deposited on other than specified surfaces and shall remove sealcoat material from surfaces not designated to be sealed, at no cost to the Port.

TRAFFIC PAINT – LATEX BASED

201.1 Summary. This specification applies to ready-mixed traffic stripe paint intended to be used for restriping parking stalls over such materials as asphalt and concrete within parking lots, playgrounds and similar areas. Traffic Paint shall be "Benjamin Moore & Co. M58 Safety & Zone Marking Latex" or approved equal.

202. Application

202.1 General. The Contractor shall apply all traffic striping, marking and all other directional information on the surface of the parking lot after seal coat is complete. The layout of striping should match that of the existing layout.

The Contractor shall furnish all equipment, materials, labor, and supervision necessary for painting traffic lanes, directional arrows, guidelines, parking lines and other markings required to restripe the parking lot as it is currently configured.

202.2 Layout, Alignment, and Spotting. The Contractor shall preserve the layout of existing markings using control points and string lines or other method to provide striping that will vary less than ½ inch in 50 feet from existing layout.

202.3 Protection of Work, Workers, and the Public. The Contractor shall use proper and sufficient directional signs, warning devices, barricades, pedestals, traffic cones, flag persons, and or such other devices to protect the Work, workers, and the public.

All markings and striping shall be protected from injury and damage of any kind while the paint is drying. All adjacent surfaces shall be protected from disfiguration by splatter, splashes, spillage, and dripping of paint or other material.

In areas of high traffic volume, the Contractor shall schedule work to paint traffic lines and markings in off-peak traffic hours or on weekends.