

SECTION 02610

BITUMINOUS CONCRETE PAVEMENT  
COLOR SEALCOATING

PART 1.00 GENERAL

1.01 DESCRIPTION

A. Work included:

1. Provide all materials, equipment and labor necessary to furnish and place color sealcoating including filler, color and striping for the basketball court and tennis court, including pickleball striping on the tennis court.
2. All work specified in this section shall conform to all applicable requirements for materials and construction methods of the Rhode Island Dept. of Transportation Standard Specifications for Road and Bridge Construction, Latest Edition.
3. Preparation of the surface as specified or directed prior to placement of sealant.
4. Pavement markings including:
  - a. Game Court Markings including basketball, tennis, pickleball and deck hockey.
7. Cleanup

1.02 SUBMITTALS

- A. Submit catalog cuts, manufacturer's specifications and color chips or color charts for the required three-coat acrylic coating system.

1.03 QUALIFICATIONS/SPECIAL REQUIREMENTS

- A. The CONTRACTOR should engage the manufacturer's representative to inspect and monitor the application of the initial filler coat upon the prepared surface of all pavement to receive color sealcoat.
- B. The addition of silica to a latex-ite or approved equal acrylic sealer/surface of mechanical agitation on-site shall be inspected and monitored by the manufacturer's representative who is to be engaged by the CONTRACTOR at the CONTRACTOR's expense.

- C. Adequate means shall be provided to protect the color sealcoat from damage until such time that each layer has cured sufficiently and no seal will adhere to and be picked up by the tires of vehicles or pedestrian traffic.

## PART 2.00 PRODUCTS

### 2.01 COLOR SEALCOAT

- A. 100% acrylic latex filler and surface system, "Latex-ite" Filler and "Latex-ite" Surfacer and "Latex-ite" line paint as manufactured by New England Sealcoating Company, Inc., or approved equal. Playing area to be color indicated on details.

### 2.02 COURT MARKINGS

- A. GAME COURT LINES

- 1. "Latex-ite line paint or approved equal.

## PART 3.00 EXECUTION

### 3.01 COLOR SEALCOATING

- A. Make any corrections necessary to the bituminous base to insure proper pitch and grades. Allow surface to cure at least one (1) week before applying the "Latex-ite" system or as recommended by the manufacturer.
- B. Do not apply if the air temperature is below fifty (50) degrees F., or above 130 degrees F., or if rain or high humidity are imminent.
- C. Install sleeves and fencing and have them approved by the CITY before application of Latex-ite system.
- D. Apply two (2) coats of "Latex-ite" Acrylic Filler over the asphaltic surface course, as per manufacturer's directions, at a rate of at least 0.08 gallons per square yard total for the two coats (152 gallons for 1,900 square yards). If the surface course is not covered uniformly with an even texture, free of all porosity, a third filler coat shall be applied. The first coat shall be applied the length of the court and the second coat, the width. Dilution rate shall not exceed one (1) part water to two (2) parts filler coat.
- E. A final careful inspection of the entire surface shall be made to remove any loose or foreign particles and ridges.
- F. The finish coat of "Latex-ite" Surfacer shall be applied as per manufacturer's instructions at a rate of not less than 0.04 gal. of material per square yard (76 gal. per 1,900 square yard), lengthwise on the courts, with a wide hair type push broom. This shall produce

a uniform color over the court surface when viewed from a distance of twenty-five (25) feet from any edge of the court at mid-day. Dilution shall not exceed one (1) part water to one (1) part "latex-ite" surfacer.

### 3.02 PAVEMENT MARKINGS

- A. All surfaces to receive pavement markings shall be thoroughly cleaned prior to initiating line layout.
- B. Accurately locate lines in accordance with the Drawings and mark by snapping a chalk line.
- C. Game court lines shall be brushed or sprayed on without fogging, overspray or splattering. The edges shall be sharp and distinct.
- D. Allow at least two hours between painting of first and second coats.

### 3.03 GUARANTEE AND ACCEPTANCE

- A. Color coatings and painted lines shall be guaranteed for a period of one (1) year from final acceptance, against cracking, peeling, checking, or other defects. The CONTRACTOR will repair, recoat or otherwise make satisfactory, any failed lines, at no cost to the CITY.

END OF SECTION