**PART 1 - GENERAL**

* 1. SECTION INCLUDES
     1. All new and existing asphalt pavement areas as indicated in the Drawings is to be seal coated.
     2. All existing asphalt pavement areas to receive seal coat as indicated in the Drawings is to have all cracks filled prior to seal coats.
  2. RELATED SECTION
     1. Section 32 12 16 - Asphaltic Concrete Paving, Patching and Replacement.
     2. Section 32 17 23 - Pavement Marking.
  3. QUALITY ASSURANCE
     1. Qualification of workmen:
        1. Provide at least one person who shall be thoroughly trained and experienced in the skills required, who shall be completely familiar with the design and application of work described for this section, and who shall be present at all times during progress of the work of this section and shall direct all work performed under this section.
        2. For actual seal coating and operation of the required equipment, use only personnel who are thoroughly trained and experienced in the skills required.

PART 2 - PRODUCTS

* 1. SEAL COAT
     1. The surface Seal Coat of existing and new Asphalt Pavement shall meet Green Book, Specification No. 203-9 Seal Coat Asphalt Based.
     2. Over Kote Asphalt Pavement Coating, Over Kote 1 Crack Filler and Over Kote Crock Filler 2 by Reed & Graham, Inc. or approved equal.
  2. CRACK FILLER
     1. Over Kote Asphalt Pavement Coating, Over Kote Crack Filler and Over Kote Crock Filler II by Reed & Graham, Inc. or approved equal.
  3. OTHER MATERIALS

All other materials, not specifically described but required for proper and complete installation of pavement seal coat, shall be provided to complete the work of this section.

PART 3 - EXECUTION

* 1. SURFACE PREPARATION
     1. Inspection: Prior to all work of this section, carefully inspect the installed work of all other trades and verify that all such work is complete to the point where this installation may properly commence.
        1. Verify that seal coat may be installed in strict accordance with the original design, all pertinent codes and regulations, and all pertinent portions of the referenced standards.
     2. Discrepancies:
        1. In the event of discrepancy, immediately notify the Architect.
        2. Do not proceed with installation in areas of discrepancy until all such discrepancies have been fully resolved.
     3. New and existing Asphalt Paving:
        1. The surface shall be cleaned of all dirt, debris oil, or foreign matter. After thoroughly cleaning, dampen the surface with water. Remove any excess water prior to application of sealer. Rough or irregular areas are to be treated with a mastic mix consisting of two pounds of 30 mesh silica sand per gallon of seal coat, prior to the applications of seal coats.
     4. Repairing Existing Cracks:
        1. Less than 1/4" fill with Over Kote 1, Crack Filler by Reed & Graham, Inc. or approved equal.
        2. Greater than 1/4" but less than 1/2" fill with Over Kote, Crack Filler 2 by Reed & Graham, Inc. or approved equal.
        3. Greater than 1/2" but less than 1". Remove asphalt a minimum of 2" down or to sound pavement and re-pack area with asphalt paving mix following procedures under Section 32 12 16.08, Paragraph 3.06.
        4. Greater than 1". Follow procedure under Section 32 12 16.08, Paragraph 3.06.
     5. New Asphalt Paving is not to be seal coated for a minimum of 36 days after installation of asphalt, to allow new paving to cure and prevent slurry seal blistering.
  2. APPLICATION
     1. Seal coat shall be a two-coat application, each at the rate of approximately 25 gallons per 1000 square feet of pavement for application of each coat at 3 mils minimum thickness. Application may be made with squeegees, brooms, or mechanical applicators designed for applying slurry seal. Application is to be made by experienced technicians. Finished surface shall be smooth, without ridges, loops, and holidays.
     2. Apply per manufacturer recommended procedure.
     3. Do not place seal coat when the atmospheric temperature is below 65°F, or during unsuitable weather.
     4. Provide **two (2)** applications of seal coats on both new and existing asphalt surface as indicated on the Drawings. Coats shall be a minimum two (2) days apart.
     5. At new asphalt paving the Contractor shall be required to stripe parking lot areas where parking lot work is indicated, immediately after placement of asphalt. Contractor shall re-stripe a second time, 45 days later after application of seal coats.
  3. CLEANING AND PROTECTION
     1. After completion of operations, clean surfaces of excess or spilled slurry material.
     2. Do not allow any foot or vehicular traffic on paving for 24 hours minimum, or until paving slurry has dried.
     3. Provide proper barricades and warning devices for slurry seal protection until it is opened to traffic.

END OF SECTION