

SECTION 32 12 36

ASPHALT EMULSION SEALER

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. Environmental Conditions.
- B. Placement of Sealer.

1.02 RELATED SECTIONS

- A. Asphalt paving and repair is specified in Contract Specifications Section 32 12 16, Asphalt Paving.

1.03 MEASUREMENT AND PAYMENT

- A. General: Measurement and payment for asphalt emulsion sealer will be by the lump-sum method or by the unit-price method as determined by the listing of the bid item for asphalt emulsion sealer indicated in the Bid Schedule of the Bid Form.
- B. Lump Sum: If the Bid Schedule indicates a lump-sum for concrete reinforcement, the lump-sum method of measurement and payment will be in accordance with Contract Specifications Section 01 20 00, Price and Payment Procedures.
- C. Unit Price:
 - 1. If the Bid Schedule indicates a unit price for concrete reinforcement, the unit-price method of measurement and payment will be as follows:
 - a. Measurement: Asphalt emulsion sealer will be measured for payment by the ton or square foot, as designated in the Contract item, for each type of asphalt emulsion sealer placed in the Work.
 - b. Payment: Asphalt emulsion sealer will be paid for at the indicated Contract unit prices for the computed quantities as determined by the measurement method specified in Article 1.03.C herein.

1.04 REFERENCES

- A. State of California, Department of Transportation (Caltrans) Standard Specifications, latest edition:
 - 1. Section 37 Bituminous Seals

1.05 TYPES OF ASPHALT EMULSION SEALER

- A. Asphalt emulsion sealers are designated as Seal Coats and Slurry Seal. Type of Sealer shall be as indicated as in Contract Documents.

1.06 SUBMITTALS

- A. General: Refer to Contract Specification Section 01 33 00, Submittal Procedures, for submittal requirements and procedures.
- B. Emulsion Sealer: Submit product datasheet and manufacturer's application recommendations.

1.07 ENVIRONMENTAL CONDITIONS

- A. Apply sealer at ambient temperatures between 60 and 100 degrees Fahrenheit.
- B. Do not apply sealer on wet pavement or if precipitation is forecasted.

PART 2 – PRODUCTS

2.01 MATERIALS

- A. Seals and Coats: Products shall comply with requirements in Caltrans Standard Specifications Section 37.
- B. Aggregate: Material shall be clean, free of silt, clay, salts and organic matter and comply with Aggregate Gradation Requirements in Caltrans Standard Specifications Section 37.

PART 3 – EXECUTION

3.01 PREPARATION

- A. Preparation of surface shall comply with Caltrans Standard Specifications Section 37.
- B. Protect existing posts, landscaping, curbs and gutters, sidewalks, buildings, and other facilities from discoloration from splashing asphalt emulsion sealer. Stained surfaces shall be painted or repaired at no cost to the District.

3.02 APPLICATION

- A. Application of asphalt emulsion sealer shall comply with Caltrans Standard Specifications Section 37.

3.03 PROTECTION

- A. Protect applied asphalt emulsion sealer by keeping traffic off of freshly applied sealer for 24 hours minimum or per manufacturer's recommendation, whichever is longer.

END OF SECTION 32 12 36