

403 TACK COAT

403.01 DESCRIPTION

Work shall consist of applying, where directed by the Chief Engineer, a Tack Coat conforming to [802.05](#). The Tack Coat shall be pressure sprayed in the form of a spray mist onto clean roadway surfaces at a uniform rate of 0.01 to 0.05 gallon residual asphalt per square yard. Emulsions shall be diluted in the ratio of 3 parts emulsion to 1 part water by volume prior to use. Spraying equipment shall be approved in advance by the Chief Engineer.

403.02 CERTIFICATION

Each delivery of tack coat from the refinery shall be accompanied by a copy of certified test results from testing completed not more than four weeks prior to delivery of the material. Certification shall include a statement as to type, and amount of material contained in each carrier and the identification of the storage tanks from which the material is delivered, with quantities determined from a certified gallon ticket for each location of work. The certification shall be presented to the Chief Engineer upon delivery.

403.03 CONSTRUCTION REQUIREMENTS

Roadway surfaces shall be prepared and properly cleaned by power broom, compressed air, or other suitable means and existing thermoplastic and/or pre-molded plastic markings removed prior to tack coat application. Tack coat shall be applied sufficiently in advance so that a tacky surface exists at time asphalt surface mix is placed. After tack coat application, it shall be worked into the roadway surface by use of rubber tired equipment approved by the Chief Engineer. Extra tack coat shall not be applied except with the specific approval of the Chief Engineer. The time interval between application of the tack coat and placement of the asphalt mix shall be sufficient to allow the tack coat to set (break). In no case shall the time interval between application of the tack coat and placement of the asphalt mix be less than 10 minutes. All necessary precautions shall be taken to prevent staining of curb and gutter surfaces. In the event such staining occurs, it shall be removed at the Contractor's expense.

403.04 MEASURE AND PAYMENT

The unit of measure for Tack Coat will be the square yard.

Payment for tack coat will be made at the contract unit price per square yard complete in place, which payment will include proper cleaning of roadway, removal of pavement marking, furnishing and applying the tack coat, working tack coat into surface, extra tack coat where authorized and all labor, materials, tools, equipment and incidentals needed to complete specified work.