

## **TECHNICAL SPECIFICATION 220 BITUMINOUS CONCRETE SURFACES**

### **220.1 SCOPE OF WORK**

This technical specification covers the furnishing of all labor, materials, tools, testing, and equipment necessary to place bituminous concrete pavement for construction, widening, overlaying, resurfacing, reconstruction or replacement of road surfaces, to the proposed grades as shown on the drawings, typical cross sections, or as directed by the Engineer.

### **220.2 MATERIALS**

All materials used shall conform to Form 816, Section M.04, as applicable. The job mix used for construction of roads shall be as follows:

- A. The premix binder course shall be Class 4 Bituminous Concrete
- B. The binder course shall be Class 1 Bituminous Concrete
- C. The finish course shall be Class 2 Bituminous Concrete
- D. Processed aggregate shall be coarse gradation conforming to Technical Specification 210- Processed Aggregate Base

### **220.3 CONSTRUCTION METHODS**

The placement of the material defined in Technical Specification 220.2 shall be performed in accordance with Form 816, Section 4.06.03. The Contractor shall refer and conform to the applicable sections of Form 816 pertaining to the weather conditions permitting the placement of bituminous concrete.

Where bituminous concrete is being applied as trench placement or is being matched to an existing pavement, the placement of material shall be against a smooth and cut surface and be sealed with an asphalt joint sealer, AC-20 or approved equivalent. This shall be considered as part of this item.

Prior to the application of the bituminous concrete finish course, all work within the project shall be complete, and shall include, but not be limited to, the adjustments of frames, grates, covers, utility boxes, both public and private, as well as curbing, sweeping of the binder and/or existing pavement surfaces with the proper pickup sweeper and accessory equipment and utilizing it for the removal of earth and/or other dust producing materials from the paved surfaces to prepare them for bituminous concrete overlay and, if directed, loaming and seeding.

Sweeping of the binder course shall take place prior to paving. The Contractor will be responsible for removal and disposal of the sweepings. This disposal shall meet with the approval of the Engineer.

Tack coat application shall conform to Form 816, Section 4.06.03, with the exception that tack coat shall be applied to all vertical joints and shall be required on all surfaces that have been in place longer than 72 hours.

220.4 MEASUREMENT

Measurement for this item will be based on the net weight in tons measured in the hauling vehicles of the Contractor. Adjustments to the weights as determined from the weigh tickets will be made when the thickness is less than or greater than 1/2 inch of the specified thickness. Adjustments for material deficiencies or excesses will be in accordance with Form 816, Section 4.06.04.

220.5 PAYMENT

Payment for this item will be based on the contract unit prices per Ton for bituminous concrete and per Gallon for tack coat, completed and accepted in place including all labor, materials, tools, testing, and equipment necessary to complete the work as specified.

<b>PAY ITEM</b>	<b>PAY UNIT</b>
Bituminous Concrete Class ( )	Tons
Tack Coat	Gals