

**ITEM - ASPHALTIC CONCRETE FRICTION COURSE (ASPHALT-RUBBER)
(Placed on PCCP)**

The asphaltic concrete friction course (asphalt-rubber) shall be as specified in Section 414 of the Standard Specifications, and Contracts and Specifications Stored Spec. "414ACFAR," with the following exceptions:

414-7.04(A)(1) Placement Dates and Weather Requirements: is revised to read:

Asphaltic concrete shall be placed only between the dates of * to *, and only when the temperature of the surface on which the asphaltic concrete is to be placed is at least 85°F.

Overnight ambient temperatures shall be greater than 40°F on the day before placement and shall be forecast to be greater than 40°F on the day of and the day after placement of the asphaltic concrete.

No placement of asphaltic concrete shall occur if ambient temperatures exceed, or are forecast to exceed, 110°F the day before, the day of, or the day after paving.

No placement of asphaltic concrete shall occur if sustained wind velocities in excess of 15 MPH are forecast on the day of the scheduled placement. Placement of asphaltic concrete shall cease for the day if sustained wind velocities in excess of 15 MPH occur at the project. The Engineer may allow placement of asphaltic concrete during high wind conditions if the ambient temperature is 85°F and rising.

No asphaltic concrete placement shall occur if rain is forecast within three days of the scheduled placement of the asphaltic concrete.

At any time, the Engineer may require that the work cease or that the work day be reduced in the event that weather conditions, either existing or expected, are anticipated to have an adverse effect upon the asphaltic concrete.

No traffic (including construction traffic, with the exception of required striping equipment) shall be allowed on the AR-ACFC overlay until at least 8 hours after the placement of AR-ACFC. The Engineer may reduce this time for materials placed on ramps and auxiliary lanes.

Prior to opening to any traffic, the Engineer may require up to three applications of lime water (a minimum of 50 pounds of lime per 2,000 gallons of water). Lime water shall be applied in a manner that uniformly covers the entire surface of

the paving pass. No separate payment will be made for lime water or its application, the cost being considered as included in this contract item.

414-7.04(A)(2) Delivery to Screed Unit: is revised to read:

Asphaltic concrete delivered to the screed unit shall be a free flowing, homogeneous mass in which there is no segregation, crusts, lumps, or migration of the asphalt-rubber.

Should any one or more of such conditions be evident in the material delivered to the screed unit, and which cannot be eliminated by one or more of the following methods, the Engineer will order the work to be stopped until conditions are conducive to the delivery of the material in the condition as hereinbefore required:

(a) Covering hauling units with tarpaulins.

Tarpaulins shall be made of a water-repellent material, be of sufficient strength to resist tearing, and be in good condition with no holes or tears. The tarpaulin shall be large enough to cover the top of the load and extend down over the sides of the truck at least 1 foot all around the truck bed to ensure that the mix is adequately protected from the elements. The tarpaulin shall have enough tie-down points so that it will be properly secured and will not flap in the wind during delivery of the mix from the plant to the paver. The method of tarping shall be approved by the Engineer.

(b) Dumping material directly into the paver.

(c) Moving the hot plant nearer to the point of delivery.

Other measures proposed by the contractor which will deliver asphaltic concrete meeting the above requirements will be considered by the Engineer.

Quantities are estimated on a spread rate of lbs per square yard which includes % for leveling to provide a minimum inch thickness.

For estimating purposes the amount of asphalt-rubber is %.

The asphalt-rubber shall be CRA Type .

The average elevation of the roadway for this project is feet.

The estimated haul distance for the AR-ACFC is miles.

DESIGNER:

- * To be supplied by the Bituminous Engineer.
- ** To be supplied by the Geotechnical Site Supervisor.