

DIVISION V
DESIGN CRITERIA
SECTION 5250 – ASPHALT CEMENT PRICE INDEX

APPROVED AND ADOPTED THIS 15TH DAY OF JULY 2009

**KANSAS CITY METROPOLITAN CHAPTER
OF THE AMERICAN PUBLIC WORKS ASSOCIATION**

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SECTION 5251 GENERAL

2101.1 Description:

- A. This is the method of price adjustment for asphalt concrete materials (regardless of the type) used on the Project. Adjustments will be made to the unit prices used to determine payments due the Contractor for any asphalt concrete base or asphalt concrete surface when the monthly average price for the asphalt cement used for the asphalt base or surface has fluctuated from the price determined on the month the project was bid. Adjustment calculations are based on PG64-22, but will apply equally to all grades of asphaltic cement. The calendar month price for the Kansas City metropolitan area shall be obtained from the following:

The midpoint of the published low and high prices taken from the "Asphalt Weekly Monitor"® Kansas City Area, published by Poten & Partners Inc. The weekly report which encompasses the 15th day of each month will be used to determine the Kansas City Area index price. This price will be published before the first of the following month at <http://kcmetro.apwa.net>, and will be the price used for asphalt bidding and/or placement during the month following the published price.

- B. The price adjustment will be applied to either the actual amount of asphalt binder used per lot of asphalt concrete produced and tested in accordance with 2205.3-J-1 or to the percent of asphalt binder used in the mix design of the asphaltic concrete approved for the project. The selection of adjustment method will be made by the owner prior to bidding the project and will be stated in the bid documents. When the actual amount of asphalt is used, the amount will be based on the percentage of virgin asphalt as shown in the job mix formula that is in use on the project for the asphalt mix that has been placed during the monthly index period. When the percentage of asphalt in the approved mix design is used, the amount of asphalt shall be based on the percentage of asphalt contained in the design mix. In either case, the effective asphalt content obtained from the use of recycled asphaltic concrete pavement (RAP) will not be eligible for adjustment.

2101.2 Basis of Payment:

- A. To determine the adjustment for any material specified in this provision the following formula will be used.

$$A = (B \times C) \times (D-E)$$

Where: A = Adjustment for mix placed during monthly average index period.

B = Tons of Mix Placed during the monthly average index period

C = % of virgin asphalt binder as listed in the job mix formula in use

D = Monthly average price at time of mix placement

E = Monthly average price at time of bid

- B. The Engineer will make adjustment payments (or deductions) for the applicable work completed. If the working days or calendar completion date expire, payments (or deductions) will continue to be applied, but the adjustment will be based on the index for the month the project working days or calendar completion date expired.