

September 27, 2021

**SPECIAL ATTENTION****ASPHALT CEMENT ADJUSTMENT AND  
ASPHALT CEMENT ADJUSTMENT FOR EMULSION**

Bid items involving asphalt concrete mixtures containing asphalt cement may be subject to a price adjustment. Only the asphalt portion of asphalt-rubber cement will be eligible for price adjustment. The adjustment will take effect when the monthly price for asphalt cement as furnished by the Department differs from the base price contained in the proposal. Affected Sections and formulas are detailed below.

The **base price\*** of asphalt cement for this Contract is \$ 562.50 per ton.

The **monthly price\*** of asphalt cement used to determine the Asphalt Cement Adjustment will be furnished by the Department and will be posted on the following web site:  
[www.nh.gov/dot/org/projectdevelopment/construction/documents/MonthlyFuelPricesImperial.pdf](http://www.nh.gov/dot/org/projectdevelopment/construction/documents/MonthlyFuelPricesImperial.pdf)

**\*Source:** The monthly price, applicable for the entire month, is developed from information in the *Asphalt Weekly Monitor*, a publication from Poter and Partners, Inc. The monthly price will be the average of the price range for Southern Maine/New Hampshire PG 64-28 asphalt binder, as published in the *Asphalt Weekly Monitor* on the dates shown in the following table. The base price is the latest available monthly price at the time the contract documents are prepared.

2021					
Month	Publication Date	Month	Publication Date	Month	Publication Date
January	December 21, 2020	May	April 26, 2021	September	August 23, 2021
February	January 25, 2021	June	May 24, 2021	October	September 27, 2021
March	February 22, 2021	July	June 21, 2021	November	October 25, 2021
April	March 22, 2021	August	July 26, 2021	December	November 22, 2021

The contract prices of bituminous materials will be paid under the respective items in the contract. The price adjustment, as provided herein, upwards or downwards, will be made concurrently as the work is accomplished as follows:

**Item 403. \_\_ - Pavement (except items 403.4, 403.16, & 403.26) and Item 411. \_\_ - Hot Bituminous Concrete Leveling Course and Plant Mix Surface Treatment**

The price adjustment will be based on the percent of virgin asphalt cement stated in the Approved Mix Design containing the maximum percentage of reclaimed asphalt pavement. In the event of breakdown or unforeseen circumstances other than weather, an Approved Virgin Mix Design may be used. The price adjustment will then be based on the total percent of virgin asphalt cement in that approved design.

A contract adjustment will be made under **Item 1010.2** based on; [monthly price minus the base price] X [Approved Mix Design percent of virgin asphalt cement] X [tons of pavement used].

**Item 410.72 - Chip Seal Surface Treatment Rubber Polymerized**

A contract adjustment will be made under **Item 1010.2** based on; [monthly price minus the base price] X [asphalt factor] X [tons of AC used] where:

## Assumptions:

- Asphalt factor equals 82%
- Tons of AC used equals the total number of gallons sprayed divided by 235

**Item 419.1\_\_ - Bonded Wearing Course**

A contract adjustment will be made under **Item 1010.2** based on; [monthly price minus the base price] X [Total AC in the BWC process percent] X [tons of BWC paved] where:

## Assumptions:

- Total AC in the BWC process equals 5%

**Item 419.2\_\_ – AR Bonded Wearing Course**

A contract adjustment will be made under **Item 1010.2** based on; [monthly price minus the base price] X [Total AC in the AR BWC process percent] X [asphalt factor] X [tons of BWC paved] where:

## Assumptions:

- Total AC in the BWC process equals 5%
- Asphalt factor equals 82%

**Emulsified Asphalt Cement**

[For Items 306.33, 405.\_\_, 410.\_\_ (excluding 410.22, 410.72 & 410.75\_), 418.11\_\_ , 418.32, and 419.3]

A contract adjustment will be made under **Item 1010.21** based on; [monthly price minus the base price] X [percent of residual asphalt cement] X [Tons of Emulsion used].

## Assumptions:

- Quantities are assumed to be measured at 60° F
- Volume reduction between typical delivery temperature (+/- 140° F) and 60° F is 2%
- Adjustment payment assumes 62% Residual Asphalt for all grades
- 239 Gallons/Ton is the unit conversion at 60° F

Item 1010.2	Asphalt Cement Adjustment <sup>1</sup>	Dollar
Item 1010.21	Asphalt Cement Adjustment for Emulsion <sup>1</sup>	Dollar

When no item for Asphalt Cement Adjustment and/or Asphalt Cement Adjustment for Emulsion is included in the contract no adjustments will be made.

<sup>1</sup> Not a bid item