S P E C I A L   A T T E N T I O N

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 $ 537.50 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

*Source: The monthly price, applicable for the entire month, is developed from information in the Asphalt Weekly Monitor, a publication from Poten 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.

<table>
<thead>
<tr>
<th>Month</th>
<th>Publication Date</th>
<th>Month</th>
<th>Publication Date</th>
<th>Month</th>
<th>Publication Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>December 23, 2019</td>
<td>May</td>
<td>April 27, 2020</td>
<td>September</td>
<td>August 24, 2020</td>
</tr>
<tr>
<td>February</td>
<td>January 27, 2020</td>
<td>June</td>
<td>May 25, 2020</td>
<td>October</td>
<td>September 21, 2020</td>
</tr>
<tr>
<td>March</td>
<td>February 24, 2020</td>
<td>July</td>
<td>June 22, 2020</td>
<td>November</td>
<td>October 26, 2020</td>
</tr>
</tbody>
</table>

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 & 403.6) 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; \[\text{monthly price minus the base price}\] \(\times\) \[\text{asphalt factor}\] \(\times\) \[\text{tons of AC used}\] 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] \(\times\) [Total AC in the BWC process percent] \(\times\) [tons of BWC paved] where:

Assumptions:
- Total AC in the BWC process equals 6% (includes the emulsion tack coat)
- Tons of BWC equals 0.0425 times the number of SYs paved (85 lbs/SY)

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] \(\times\) [Total AC in the AR BWC process percent] \(\times\) [asphalt factor] \(\times\) [tons of BWC paved] where:

Assumptions:
- Total AC in the BWC process equals 6% (includes the emulsion tack coat)
- Asphalt factor equals 82%
- Tons of BWC equals 0.0425 times the number of SYs paved (85 lbs/SY)

Emulsified Asphalt Cement [Including Items 306.33, 405.__, 410.__ (excluding 410.22, 410.72 & 410.75_), 418.11__ and 418.32]

A contract adjustment will be made under Item 1010.21 based on; [monthly price minus the base price] \(\times\) [percent of residual asphalt cement] \(\times\) [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

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1010.2</td>
<td>Asphalt Cement Adjustment¹</td>
<td>Dollar</td>
</tr>
<tr>
<td>1010.21</td>
<td>Asphalt Cement Adjustment for Emulsion¹</td>
<td>Dollar</td>
</tr>
</tbody>
</table>

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

¹ Not a bid item