
SUPPLEMENTAL SPECIFICATION

January 1, 2025

APPROVED:
Division Administrator

By: _____
FEDERAL HIGHWAY ADMINISTRATION

ASPHALT BINDER ADJUSTMENT INDEX

General: The Bidder is advised that the Department will apply Asphalt Binder Adjustments *for specified items of work* when the Index for Asphalt Binder (PG64-22) varies more than 5% from the Base Index price established for the contract.

Index: The Department maintains an Index for Asphalt Binder, which is an average of quotations from current asphalt binder suppliers, effective on the 1st of each month. The resulting Index is posted in spreadsheet form on the Department's Internet at <https://www.scdot.org/business/constructionletting-monthlyindex.aspx>.

Base Index: The Department sets a Base Index date for each contract subject to Asphalt Binder adjustments with the date set prior to the highway letting. The Index for Asphalt Binder on that Base Index date sets the framework of the 5% adjustment increments to be used for the contract. Tables showing the adjustment increments are displayed in the above noted spreadsheet (Asphalt Binder Chart tab).

Asphalt Binder Content Factors: The following table shows the Asphalt Binder Content factor (tons of Asphalt Binder per unit of work) for SCDOT work items that are subject to this specification.

| Items of Work Eligible for Asphalt Binder Adjustments | Unit | Asphalt Binder Tons |
|--|-------------|----------------------------|
| Liquid Asphalt Binder (PG64-22) | TON | 1.0000 |
| Liquid Asphalt Binder (PG76-22) | TON | 1.0000 |
| Full Depth Asphalt Pavement Patching 4" Uniform (Asphalt Binder) | SY | 0.0110 |
| Full Depth Asphalt Pavement Patching 6" Uniform (Asphalt Binder) | SY | 0.0165 |
| Full Depth Asphalt Pavement Patching 8" Uniform (Asphalt Binder) | SY | 0.0220 |
| Full Depth Asphalt Pavement Patching 10" Uniform (Asphalt Binder) | SY | 0.0275 |
| Full Depth Asphalt Pavement Patching 12" Uniform (Asphalt Binder) | SY | 0.0330 |
| Asphalt Surface Treatment (Single Treatment) (0.28 gal/sy emulsion) | SY | 0.0008 |
| Asphalt Surface Treatment (Double Treatment Type A) (0.55 gal/sy emulsion) | SY | 0.0015 |
| Asphalt Surface Treatment (Double Treatment Type B) (0.46 gal/sy emulsion) | SY | 0.0013 |
| Asphalt Surface Treatment (Double Treatment Type C) (0.48 gal/sy emulsion) | SY | 0.0013 |
| Asphalt Surface Treatment (Triple Treatment) (0.71 gal/sy emulsion) | SY | 0.0020 |
| Microsurfacing Surface Course | SY | 0.0007 |
| Microsurfacing Leveling/Rut Fill | TON | 0.0800 |
| Preventative Maintenance Thin Lift Seal Course | SY | 0.0026 |

All items of work that are listed in the table entitled "Items of Work Eligible for Asphalt Binder Adjustments" will be subject to a price adjustment.

Per unit index adjustments are determined by multiplying the Asphalt Binder Content factor by the Asphalt Binder Index Change (minimum of incremented range). The resulting per unit amount is then applied to the construction estimate as a line item adjustment.

Additional Provisions:

- A. The Department will calculate and apply Asphalt Binder Index Adjustments to estimates based on Index values set at the beginning of the estimate period. Estimate period begins on the 1st of the month and ends on the last day of the month. The 1st of the month Index will be compared to the contract Base Index to determine index adjustments for the estimate period.
- B. In the event the work (on a contract item subject to asphalt binder adjustment) continues after expiration of the contract completion date, the asphalt binder index in effect on the contract completion date will become the ceiling (or maximum) of indexes to be applied for the work. Lower indexes will be applied, while higher indexes will be limited to the ceiling noted.
- C. This provision shall apply to supplemental agreements, overruns and extensions to this project for the specified item(s) to be adjusted.
- D. The Base Index, Current Index and Adjustments may be referenced directly on the Department's Index spreadsheet at <https://www.scdot.org/business/constructionletting-monthlyindex.aspx>.