In accordance with Highway Design Manual section 21.4.3.4, the following methods shall be used to estimate the quantity used for price adjustment items.

**698.04 Asphalt Price adjustment**

**Method 1**

The quantity may be estimated using the specification pay item formula and conversion factors provided for eligible items included in the special note titled Asphalt Price Adjustments. For estimating, the 10 year PGB escalation rate of $40/Ton/year may be used. This method requires an estimate of when the work will be completed by item.

**Method 2**

This method requires an estimate of the total quantity of asphalt placed during each construction season and applies a multiplier to estimate the approximate value. The multiplier is based on the specification pay item formula and the 10 year PGB escalation rate of $40/Ton/year. The multipliers are $1.25/ton for the first construction season, $3.50/ton for the second construction season and an additional $2.00/ton for every additional construction season.

A custom report has been developed for use with Trns*Port Estimator based on the above methodology. This report will calculate the values based on project specific items and entry of the percent of work by construction season. For estimates prepared by NYSDOT employees, the custom reports are available in a shared directory that is accessible from within the Estimating software. For estimates prepared by Consultants, the custom reports are available for download at the NYSDOT Estimator web page.

The minimum quantity for 698.04 in each contract shall be 100. Refer to HDM 21.4.3.4 for exceptions.

**698.05 Fuel Price adjustment**

**Method 1**

The quantity may be estimated using the specification pay item formula and conversion factors provided for eligible items included in the special note titled Fuel Price Adjustments. For estimating, the 10 year fuel escalation rate of $0.20/gallon/year may be used. This method requires an estimate of when the work will be completed by item.

**Method 2**

This method requires an estimate of the total gallons needed for a project based on the fuel price adjustment usage factors included in the contract and applies a cost multiplier to the mid point of construction. The midpoint is based on the letting date and completion date minus a 6 month period where we would not anticipate any price adjustments. The cost factor is based on the 10 year fuel escalation rate of $0.20/gallon/year.
A custom report has been developed for use with Trns*Port Estimator based on the above methodology. This report will calculate the values based on project specific items and entry of the letting date and completion date. For estimates prepared by NYSDOT employees, the custom reports are available in a shared directory that is accessible from within the Estimating software. For estimates prepared by Consultants, the custom reports are available for download at the NYSDOT Estimator web page.

The minimum quantity for 698.05 in each contract shall be 100. Refer to HDM 21.4.3.4 for exceptions.

**698.06 Steel Price adjustment**

The quantity for this item shall be estimated at 100 and included in all contracts except those identified in HDM 21.4.3.4.