

**FUEL PRICE ADJUSTMENT (METRIC):**

**11-15-05**

Rev 9-19-06

Revise the 2002 *Standard Specifications* as follows:

Page 1-71 Subarticle 109-8, delete this subarticle and replace with the following:

Fuel price adjustments will be made to the payments due the Contractor for contract items specified in the contract, or for extra work items specified in the supplemental agreement, when the average terminal price has fluctuated from the Base Index Price contained in the contract.

The base index price for DIESEL #2 FUEL is \$ \_\_\_\_\_ per liter.

Where any of the following are included in the contract, they will be eligible for fuel price adjustment. The items(s) of work and the fuel factor used in calculating adjustments to be made are as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	L/C.M.	1.44
Borrow Excavation	L/C.M.	1.44
Aggregate Base Course	L/MTN	2.30
Asphalt Concrete Base Course, Type _____	L/MTN	12.10
Asphalt Concrete Intermediate Course, Type _____	L/MTN	12.10
Asphalt Concrete Surface Course, _____	L/MTN	12.10
Open-Graded Asphalt Friction Course, Type _____	L/MTN	12.10
Sand Asphalt Surface Course, Type _____	L/MTN	12.10
Aggregate for Cement Treated Base Course	L/MTN	2.30
Portland Cement for Cement Treated Base Course	L/MTN	2.30
_____ In. Portland Cement Concrete Pavement	L/S.M.	1.11
Concrete Shoulders Adjacent to _____ In. Pavement	L/S.M.	1.11

The average terminal price is the average of the F.O.B. price for diesel fuel at the terminals in Charlotte, Wilmington and Selma, North Carolina. When the average terminal price fluctuates upward or downward from the Base Index Price, an amount will be added to or deducted from the monies due the Contractor as follows.

The current quantity for the specified contract items for which partial payment is made will be multiplied by the respective Diesel Fuel Usage Factor contained in the contract to determine the theoretical diesel fuel usage for each specified contract item. The sum of the theoretical diesel fuel usage for all specified contract items will be multiplied by the algebraic difference between the average F.O.B. price for diesel fuel at the above specified terminals and the Base Index Price contained in the contract to determine the fuel price adjustment to be made on the partial payment estimate.

The following formula will be used to calculate the appropriate payment or credit on the estimate.

$$S = (A - B)(\Sigma QF)$$

Where:

S	=	Fuel Price Adjustment for partial payment
B	=	Base Index Price
A	=	Average terminal price
Q	=	Partial payment quantity for contract item
F	=	Fuel factor for contract item

The average terminal price in effect on the first day of the month in which the partial payment period ends will be used to make payment adjustments for fuel whether or not more than one price fluctuation has occurred within a single partial payment period.

The Engineer's estimate of quantities for contract items measured by cross sections shall be utilized on the various partial payment estimates to determine fuel price adjustments. When the Engineer determines after payment for all or a portion of such contract item that is subject to a fuel price adjustment that the total quantity of work paid to date shall be adjusted to reflect more accurate

quantity determinations, the Engineer will make a pro rata increase or decrease in the fuel price adjustment proportionate to the adjustment in the total quantity of work paid. The prorated fuel price adjustment for the contract item will be determined by multiplying the cumulative fuel price adjustment made for that contract item for the previous estimate period(s) by the adjusted quantity for that contract item and divided by the total quantity of work paid for the previous estimates for the contract item. Payment for the prorated fuel price adjustment will be made

accordingly on  
the partial  
payment  
estimate that  
includes the  
adjustment in  
the quantity of  
work paid.  
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