

New Jersey Turnpike Authority

P.O. Box 5042, Woodbridge, NJ 07095



March 09, 2023

Document Change Announcement

2016 Standard Supplementary Specifications

Fuel and Asphalt Price Adjustment

DCA2023SS-04

Subject: Revisions to

Section 108 Measurement And Payment, Subsection 108.10 Fuel Price Adjustment

Section 302 Hot Mix Asphalt (HMA) Pavements, Subsection 302.09 Measurement

Description of Change:

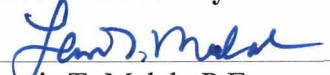
This DCA revises the asphalt and fuel price adjustment language to consider both the monthly and mid-monthly price indices published by the NJDOT.


Notice to New Jersey Turnpike Authority Staff and Design Consultants

Effective immediately, all contracts currently in the design phase shall incorporate the revisions herein. For advertised contracts awaiting the opening of bids this revision shall be incorporated via addendum. Contact your New Jersey Turnpike Authority Project Manager for instruction.

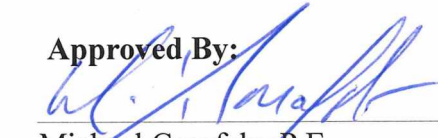
The revisions may be accessed on the Authority's webpage: <https://www.njta.com/doing-business/professional-services>

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NOTE: Tracked changes herein indicate REVISIONS to the latest version of the 2016 Standard Supplementary Specifications.

108.10 Fuel Price Adjustment

The Authority will make ~~monthly~~ periodic price adjustments for fuel usage for Items listed in Table 108-1. ~~The Authority will calculate fuel price adjustments based on the monthly pay quantities of listed Items using the fuel usage factors listed in Table 108-1. Each month will be divided into two periods. Period one includes the first day of the month through the fourteenth day of the month. Period two includes the fifteenth day of the month through the last day of the month. Work starting within period one and continuing past midnight of the fourteenth day into the fifteenth day of the month will be included in period one for any price adjustments. Work continuing past midnight of the last day of the month into the first day of the next month will be included in period two.~~

~~The Authority will calculate fuel price adjustments based on the monthly pay quantities of listed Items using the fuel usage factors listed in Table 108-1.~~

Price adjustments may result in an increased payment to the Contractor for increases in the price index and may result in a reduction in payment for decreases in the price index.

If the as-built quantity of an Pay Item listed in Table 108-1 differs from the sum of the quantities in the ~~monthly partial payment as defined in Subsection 108.03~~ Estimates, and the as-built quantity cannot be readily distributed among the months that the Pay Item listed in Table 108-1 was constructed, then the Authority will determine fuel price adjustment by distributing the difference in the same proportion as the Pay Item's ~~monthly partial payment~~ Estimate quantity is to the total of the Pay Item's ~~time period~~ monthly estimates.

Table 108-1 Fuel Price Adjustment	
Items	Fuel Usage Factor
Roadway Excavation, _____	.5 Gallons per Cubic Yard
Excavation, Disposal of Acid Producing Soils	.5 Gallons per Cubic Yard
<u>Disposal of Regulated Material</u>	<u>.5 Gallons per Cubic Yard</u>
<u>Disposal of Regulated Material, Hazardous</u>	<u>.5 Gallons per Cubic Yard</u>
Removal of Concrete Pavement	.25 Gallons per Square Yard
Embankment, _____	1.0 Gallons per Cubic Yard
Foundation Excavation	.5 Gallons per Cubic Yard
Subbase	1.0 Gallons per Cubic Yard
Aggregate Base Course, _____ Thick	0.30 Gallons per Square Yard
<u>Hot Mix Asphalt</u> MA Surface Course	2.50 Gallons per Ton
<u>Hot Mix Asphalt</u> MA <u>Intermediate</u> Leveling Course	2.50 Gallons per Ton
<u>Hot Mix Asphalt</u> MA Base Course	2.50 Gallons per Ton
<u>Hot Mix Asphalt</u> MA Bridge Surfacing	2.50 Gallons per Ton
Bridge Approach Slab	0.25 Gallons per Square Yard
Portland Cement Concrete Pavement, _____ " Thick	0.25 Gallons per Square Yard

Toll Plaza Slab	0.25 Gallons per Square Yard
Pavement Removal, _____" Depth	0.25 Gallons per Square Yard
Surface Milling, 2" Average Depth	0.25 Gallons per Square Yard
Open-Graded Friction Course	2.50 Gallons per Ton
Soil Aggregate Base Course, Variable Thickness	1.0 Gallons per Cubic Yard
Soil Aggregate Base Course, 6" Thick	.30 Gallons per Square Yard
Concrete In Culvert	1.0 Gallons per Cubic Yard
Concrete in Structures, Toe Wall	1.0 Gallons per Cubic Yard
Concrete in Structures, Apron Slab	1.0 Gallons per Cubic Yard
Concrete In Pylon Wall	1.0 Gallons per Cubic Yard
Concrete In Structures, Headwalls	1.0 Gallons per Cubic Yard
Concrete In Substructure Above Footings	1.0 Gallons per Cubic Yard
Concrete In Footings	1.0 Gallons per Cubic Yard
Concrete In Backwall	1.0 Gallons per Cubic Yard
Concrete in Abutments Above Footings	1.0 Gallons per Cubic Yard
Concrete in Coping	1.0 Gallons per Cubic Yard
Concrete in Piers Above Footings	1.0 Gallons per Cubic Yard
Concrete in Retaining Walls Above Footings	1.0 Gallons per Cubic Yard
Concrete in Sidewalk and Bridge Parapet Class A	1.0 Gallons per Cubic Yard
Concrete In Bridge Parapet	1.0 Gallons per Cubic Yard
Concrete in Superstructure, HPC	1.0 Gallons per Cubic Yard
Concrete In Deck Slabs	1.0 Gallons per Cubic Yard
Concrete in Superstructure	1.0 Gallons per Cubic Yard
Concrete in Sidewalk	1.0 Gallons per Cubic Yard
Concrete In Safetywalk	1.0 Gallons per Cubic Yard
Concrete In Median Curb	1.0 Gallons per Cubic Yard
Driving Cast-in-Place Concrete _____" Diameter Piles	1.0 Gallons per Cubic Yard
Concrete in Deck Slabs, HPC	1.0 Gallons per Cubic Yard
Concrete in Headblock, HPC	1.0 Gallons per Cubic Yard
Concrete in Parapet, HPC	1.0 Gallons per Cubic Yard
Bridge Approach Slab, HPC	1.0 Gallons per Cubic Yard
Concrete in Deck, HPC	1.0 Gallons per Cubic Yard
Retaining Wall (Mechanically Stabilized Earth OR Prefabricated Modular	.10 Gallons per Square Foot

Walls)	
Ground Mounted Noise Barrier Panel	.10 Gallons per Square Foot
Bridge Mounted Noise Barrier Panel	.10 Gallons per Square Foot
Retaining Wall Mounted Noise Barrier Panel	.10 Gallons per Square Foot
<u>Micro-milling Deck Surface</u>	<u>.25 Gallons per Square Yard</u>

If a Pay Item has a unit of measure which differs from that listed in Table 108-1, the Authority will apply an appropriate conversion factor to determine the number of gallons of fuel used.

The Authority will calculate fuel price adjustment ~~on a monthly basis~~ using the following formula:

$$F = (MF - BF) * G$$

Where:

F = Fuel Price Adjustment

MF = ~~Monthly~~ Fuel Price Index for work performed in the time-period immediately before the partial payment cutoff date

BF = Basic Fuel Price Index

G = Gallons of Fuel for Price Adjustment

The Authority will use the ~~monthly~~ fuel price index posted every month from the New Jersey Department of Transportation's website, <https://www.state.nj.us/transportation/business/aashtoware/PriceIndex.shtm>.

~~The Basic Fuel Price Index is the index which is listed for the month prior to the receipt of bids. most recent month's fuel price index before the date of receipt of bids. If the month prior to the receipt of bids has two indices, the index in effect for the first day of that month will govern for the Basic Fuel Price Index. The Authority will use the fuel price index for the month before the regular monthly estimate cut-off date as the Monthly Fuel Price Index.~~ If the ~~Monthly~~ Fuel Price Index increases by 50 percent or more over the Basic Fuel Price Index, do not perform any work involving Items listed in Table 108-1 without written approval from the Engineer.

Fuel price adjustment will be on a lump sum basis, and an estimated amount to cover the fuel price adjustment will be included in the Proposal. Payments for increases will be made from this amount.

Payment will be made under:

PAY ITEM.....	PAY UNIT
FUEL PRICE ADJUSTMENT (NO-BID)	LUMP SUM

Pay Items not listed within Table 108-1 will not be subject to the "Fuel Price Adjustment".

NOTE: The following text is ADDED to the latest version of the 2016 Standard Supplementary Specifications.

SECTION 302 – HOT MIX ASPHALT (HMA) PAVEMENTS

302.01 Description

Add the following to the end of this Subsection:

Asphalt binder grade designations PG64-22 and PG76-22 shall be considered equivalent to PG64S-22 and PG64E-22, respectively.

302.09 Measurement

Delete the 4th through 13th paragraphs and replace them with the following:

The Authority will make periodic price adjustments for asphalt binder usage. The Authority will calculate asphalt price adjustments based on the quantities of Pay Items containing asphalt binder constructed.

Each month will be divided into two periods. Period one includes the first day of the month through the fourteenth day of the month. Period two includes the fifteenth day of the month through the last day of the month. Work starting on the fourteenth day of the month and continuing past midnight into the fifteenth day of the month will be included in period one for any price adjustments. Work continuing through midnight of the last day of the month into the first day of the next month will be included in period two.

The asphalt price adjustment will be separated between asphalt binder grades PG 64-22 and PG 76-22. The price used for both the basic and monthly price indices will be determined based on the performance grade of asphalt binder in the approved mix design for the asphalt mixture.

Price adjustments may result in an increased payment to the Contractor for increases in the price index and may result in a reduction in payment for decreases in the price index.

The Authority will calculate the asphalt price adjustment by the following formula:

$$A = (MA - BA) * T$$

Where:

A = Asphalt Price Adjustment

MA = Asphalt Price Index for work performed in the time-period immediately before the estimate cutoff date.

BA = Basic Asphalt Price Index

T = Tons of New Asphalt Binder ¹

1. The Authority will determine the weight of asphalt binder for price adjustment by multiplying the percentage of new asphalt binder in the approved job mix formula by the weight of the item containing asphalt binder. If a hot mix asphalt Pay Item has a payment unit other than ton, the Authority will apply an appropriate conversion factor to determine the number of tons of asphalt binder used.