Regional Engineers

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Special Provision for Hot-Mix Asphalt

April 22, 2022

This special provision was developed by the Central Bureau of Materials to correct omissions from the 2022 Standard Specifications. This special provision requires Hamburg wheel test (High ESAL mixtures only) and I-FIT samples to be collected at the start of production when 3,000 tons or more of a mixture is to be placed. It was revised to address Quality Control/Quality Assurance Quality Management Program mix quantity overages, small tonnage, and Department density verification test maximum theoretical specific gravity determination. This special provision title was changed from Hot-Mix Asphalt – Start of Production.

This special provision should be inserted into all HMA contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the August 5, 2022 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

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# Hot-Mix Asphalt (bde)

Effective: January 1, 2022

Revised: August 1, 2022

Replace Article 1030.09(g)(1) of the Standard Specifications with the following:

“ (1) The Contractor shall sample approximately 150 lb (70 kg) of mix as required for the Department’s random mixture verification tests according to Article 1030.09(h)(1).”

Replace the second sentence of Article 1030.09(h)(1) of the Standard Specifications with the following:

“ The Engineer will randomly identify one sample for each 3,000 tons (2,720 metric tons) of mix, with a minimum of one sample per mix. If the remaining mix quantity is 600 tons (544 metric tons) or less, the quantity will be combined with the previous 3,000 tons (2,720 metric tons) in the Engineer’s random sample identification. If the required tonnage of a mixture for a single pay item is less than 250 tons (225 metric tons) in total, the Engineer will waive mixture verification tests.”

Add the following to the end of the third paragraph of Article 1030.09(h)(2) of the Standard Specifications:

“ The HMA maximum theoretical specific gravity (Gmm) will be based on the Department mixture verification test. If there is more than one Department mixture verification Gmm test, the Gmm will be based on the average of the Department test results.”

Add the following paragraph between the third and four paragraphs of Article 1030.10 of the Standard Specifications:

“When a test strip is not required, each HMA mixture with a quantity of 3,000 tons (2,750 metric tons) or more shall still be sampled on the first day of production: I-FIT and Hamburg wheel testing for High ESAL; I-FIT testing for Low ESAL. Within two working days after sampling the mixture, the Contractor shall deliver gyratory cylinders to the District laboratory for Department verification testing. The High ESAL mixture test results shall meet the requirements of Articles 1030.05(d)(3) and 1030.05(d)(4). The Low ESAL mixture test results shall meet the requirements of Article 1030.05(d)(4).”

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