I. SCOPE

This procedure describes the process for taking asphalt mixture samples at the paver on the project site. The asphalt mixture samples are loose mix asphalt samples taken at the paver auger with a clean shovel.

II. SAMPLING FREQUENCY

 Sampling frequency will be in accordance with Materials Procedure (MP) 401 Quality Control and Quality Assurance Procedure for Hot Mix Asphalt (HMA) Production.

III. SAMPLING EQUIPMENT

Shovel
1-gallon metal cans with lids

Sampling shovel should be clean and free from any contaminants that may compromise the HMA sample. The use of fuel oil to clean the sampling tools will not be permitted.

IV. SAMPLING PROCEDURE

The procedure for notifying the Contractor’s representative of “intent to sample” should be discussed at the pre-pave meeting. Prior to taking the samples, the inspector shall record the time and date of sampling, the contract number, the route number, mix type, sample point tonnage, station number, and the inspector’s name on each 1-gallon sample can. Sample size depends on the mix type and test methods performed; therefore, the inspector will obtain enough material to perform the required testing in accordance with MP 401.

The project Engineer shall identify the haul unit for the random sampling point using the current year’s Random Numbers Table for use by the Quality Assurance
Technician (QAT). The sample shall be taken by the inspector at the screed auger when the identified haul unit is approximately half unloaded in the paver hopper.

*Note: If it is determined at the time of sampling that the sample, or sampling procedure, has been compromised, the sampled material will be discarded, and a new representative sample will be taken from the screed auger of the same haul unit. In the event of an unforeseen work stoppage, a sample shall be taken immediately from the screed auger.*

Once the sample has been taken and placed in the sample containers, samples will not be discarded. The inspector shall seal these samples with “NYSDOT Sampled” tape and give the samples to the Contractor for delivery to the Regional Materials Laboratory for testing.