## Section 403. — ASPHALT CONCRETE

11/05/15– FP-14

Construction Requirements

WFL Specification 11/05/15 40310010

OPTION 1

Include Option 1 when work is required under this Section, and the asphalt density is accepted by nuclear densometer testing. Consult with Materials.

### 403.12 Acceptance.

Delete Table 403-2 and substitute the following:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Remarks |  | – | – | – | – |  |  | – |
| Reporting Time |  | 24 hours | " | Upon completion of measurement | 24 hours | " | " | " |
| Split Sample |  | No | " | " | " | " | " | " |
| Point of Sampling |  | In-place after compacting | Finished pavement surface | Hauling vehicle before dumping, or windrow before pickup | Cold feed or hot bins as applicable | Stockpile | In-place after compacting | In-place after compacting |
| Sampling Frequency |  | 1 per 500 feet  (150 meters) | Continuously, after compaction | First load and as determined by CO thereafter | Contractor determined | " | 1 per 500 feet  (150 meters) | 3 per  700 Tons  (650 metric tons) |
| Test Methods Specifications | **Production** | ASTM D 2950 | Straightedge measurement, Subsection 403.11 | – | AASHTO T 27 & T 11 | AASHTO  T 255 | ASTM D 2950 | " |
| Characteristic |  | Density | Surface tolerance | Placement temperature | Gradation at the plant | Moisture content of aggregates | Density | " |
| Type of Acceptance (Subsection) |  | Measured and tested for conformance (106.04) | |  | Process control (153.03) | | | Measured and tested for conformance (106.04) |
| Material or Product (Subsection) |  | Asphalt concrete, Type I (403.02(a)) |  |  | | | | Asphalt concrete, Type II (403.02(b)) |

Table 403-2

Sampling, Testing, and Acceptance Requirements

WFL Specification 11/05/15 40320010

OPTION 2

Include Option 2 when work is required under this Section, and the asphalt density is accepted by asphalt cores. Consult with Materials.

### 403.12 Acceptance.

Delete Table 403-2 and substitute the following:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Remarks |  | Deliver cores to CO after testing is completed | – | – | – |  |  | – | (1) Cut 6-inch (150-millimeter) diameter cores from the compacted pavement. Remove them with a core retriever and fill and compact the core holes with asphalt concrete mixture. Label the cores and protect them from damage due to handling and temperature. Dry the core to constant mass at 125±5 °F (52±3 °C) or vacuum dry it according to ASTM D7227 before performing the core density and measuring the thickness. Use 62.245 pounds per cubic foot (997.1 kilograms per cubic meter) to convert specific gravity to density. Submit cores to the CO after testing is completed. |
| Reporting Time |  | 24 hours | " | Upon completion of measurement | 24 hours | " | " | " |
| Split Sample |  | Yes | No | " | " | " | " | " |
| Point of Sampling |  | In-place after compacting | Finished pavement surface | Hauling vehicle before dumping, or windrow before pickup | Cold feed or hot bins as applicable | Stockpile | In-place after compacting | In-place after compacting |
| Sampling Frequency |  | 1 per 700 tons  (650 metric tons) | Continuously, after compaction | First load and as determined by CO thereafter | Contractor determined | " | 1 per 500 feet  (150 meters) | 3 per  700 Tons  (650 metric tons) |
| Test Methods Specifications | **Production** | AASHTO  T 166 | Straightedge measurement, Subsection 403.11 | – | AASHTO T 27 & T 11 | AASHTO  T 255 | ASTM D 2950 | " |
| Characteristic |  | Density (1) | Surface tolerance | Placement temperature | Gradation at the plant | Moisture content of aggregates | Density | " |
| Type of Acceptance (Subsection) |  | Measured and tested for conformance (106.04) | |  | Process control (153.03) | | | Measured and tested for conformance (106.04) |
| Material or Product (Subsection) |  | Asphalt concrete, Type I (403.02(a)) |  |  | | | | Asphalt concrete, Type II (403.02(b)) |

Table 403-2

Sampling, Testing, and Acceptance Requirements