## Section 302. — MINOR crushed aggregate

04/02/21– FP-14

WFL Specification 04/02/21 3020010

Include the following when shoulder finishing is required under this Section.

Description

### 302.01 General.

Delete the text of this Subsection and substitute the following:

This work consists of furnishing and placing crushed aggregate for bedding, backfill, roadway and shoulder finishing aggregates on a prepared surface.

Construction Requirements

### 302.03 Preparing Surface.

Add the following:

**(c) Shoulder finishing.** Remove slide material, vegetation, and other debris from existing shoulders including shoulders in parking areas, turnouts, and other widened areas. Repair soft and unstable areas according to Subsection 204.07. Reshape shoulders to the widths and slopes shown in the plans. Dispose of waste at designated sites or according to Subsection 204.14.

### 302.04 Placing Crushed Aggregate.

Add the following:

**(c) Shoulder finishing.** Mix the aggregate and adjust the moisture content to obtain a uniform mixture. Adjust the moisture content to a level suitable for compaction. Spread and shape in uniform layers not to exceed 6 inches (150 millimeters) compacted thickness. Where more than one layer is necessary, compact the underlying layer according to Subsection 302.05.

### 302.05 Compacting and Finishing Crushed Aggregate.

Add the following:

**(c) Shoulder finishing.** Uniformly compact each layer to ensure it does not exhibit heaving, pumping, rutting, or shearing. Finish surface according to Subsection 301.06.

### 302.06 Acceptance.

Add the following:

Shoulder finishing will be evaluated under Subsections 106.02 and 106.04.

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Include the following when aggregate is measured by the cuyd.

 Note: Default measurement for this Section is cuyd, talk to Construction and Materials before using a different measurement.

Delete Table 302-1 and substitute the following:

Table 301-1

Sampling, Testing, and Acceptance Requirements

Table 301-1 (continued)

Sampling, Testing, and Acceptance Requirements

Table 302-1

Sampling, Testing, and Acceptance Requirements

Table 301-1 (continued)

Sampling, Testing, and Acceptance Requirements

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Remarks | **Production** | Not required for shoulder finishing | For Method 2 compaction only | Not required for shoulder finishing  | **Finished Product** | − | (1) Minimum of 5 points per proctor. |
| Reporting Time | 14 days before use | End of shift | " | Before placement of next layer or as requested |
| Split Sample | No | " | " | No |
| Point of Sampling | Stockpile or production output | In-place after compaction | " | Surface of final course |
| Sampling Frequency | 1 per aggregate supplied | 1 per 1500 SQYD per layer  | " | Determined by the CO |
| Test Methods Specifications | AASHTO T 180 Method D (1) | AASHTO T 310 or other approved procedures | " | Subsection 301.06 |
| Category | − | − | − | − |
| Characteristic | Moisture- density  | Density | Moisture content (in-place) | Surface tolerance & grade |
| 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) | Crushed aggregate | Crushed aggregate | Crushed aggregate |

WFL Specification 04/02/21 3020030

Include the following when aggregate is measured by the ton.

 Note: Default measurement for this Section is cuyd, talk to Construction and Materials before using a different measurement.

Delete Table 302-1 and substitute the following:

Table 301-1

Sampling, Testing, and Acceptance Requirements

Table 301-1 (continued)

Sampling, Testing, and Acceptance Requirements

Table 302-1

Sampling, Testing, and Acceptance Requirements

Table 301-1 (continued)

Sampling, Testing, and Acceptance Requirements

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Remarks | **Production** | Not required for shoulder finishing | For Method 2 compaction only | Not required for shoulder finishing  | **Finished Product** | − | (1) Minimum of 5 points per proctor. |
| Reporting Time | 14 days before use | End of shift | " | Before placement of next layer or as requested |
| Split Sample | No | " | " | No |
| Point of Sampling | Stockpile or production output | In-place after compaction | " | Surface of final course |
| Sampling Frequency | 1 per aggregate supplied | 1 per 500 tons (450 metric tons) | " | Determined by the CO |
| Test Methods Specifications | AASHTO T 180 Method D (1) | AASHTO T 310 or other approved procedures | " | Subsection 301.06 |
| Category | − | − | − | − |
| Characteristic | Moisture- density  | Density | Moisture content (in-place) | Surface tolerance & grade |
| 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) | Crushed aggregate | Crushed aggregate | Crushed aggregate |