## Section 204. — EXCAVATION AND EMBANKMENT

11/12/20– FP-14

Construction Requirements

WFL Specification 08/01/14 2040010

Include the following when sufficient quantity is available without processing the material.

### 204.06 Roadway Excavation.

Delete the second to last paragraph and substitute the following:

Conserve sufficient quantities of 6-inch (150-millimeter) minus material from the roadway excavation to use for finishing the roadbed. Sufficient quantities are available within the roadway excavation. Dispose of unsuitable or excess excavation material according to Subsection 204.14. Replace shortage of suitable material caused by premature disposal of roadway excavation.

WFL Specification 01/01/14 2040020

Include the following when sufficient quantity is available without processing the material.

### 204.10 Embankment Construction.

Add the following to paragraph (b):

Construct the top 12 inches (300 millimeters) of the embankment with 6‑inch (150‑millimeter) minus material conserved from the roadway cuts.

WFL Specification11/12/20 2040030

Include the following when sufficient quantity is NOT available without processing the material.

### 204.10 Embankment Construction.

Add the following to paragraph (b):

Construct the top 12 inches (300 millimeters) of the embankment with select borrow.

WFL Specification 03/25/19 2040040

Include the following when work is required in this Section.

### 204.11(c) Less than 50 percent retained on a No. 4 (4.75-millimeter) sieve.

Delete the third paragraph and substitute the following:

Use compression-type or vibratory rollers. Compact each layer of material full width to at least 95 percent of the maximum density. Determine the in-place density and moisture content according to AASHTO T 310 or other approved test procedures.

WFL Specification 09/17/18 2040050

Include the following when work is required in this Section.

### 204.13 Sloping, Shaping, and Finishing.

Delete paragraph (d) and substitute the following:

**(d) Finishing**. Remove material larger than 6 inches (150 millimeters) from the top 6 inches (150 millimeters) of the roadbed. Remove unsuitable material from the roadbed, and replace it with suitable material.

**(1) AMG method.** Finish roadbeds that are compacted according to Subsection 204.11(b) and (c) to within ±0.05 foot (±15 millimeters) of the design line and grade. Finish roadbeds that are compacted according to Subsection 204.11(a) to within ±0.10 foot (±30 millimeters) of the design line and grade. Finish ditch cross-sections to within ±0.10 feet (±30 millimeters) of the design line and grade. Maintain proper ditch drainage.

**(2) Conventional survey method.** Finish roadbeds that are compacted according to Subsection 204.11(b) and (c) to within ±0.05 foot (±15 millimeters) of the staked line and grade. Finish roadbeds that are compacted according to Subsection 204.11(a) to within ±0.10 foot (±30 millimeters) of the staked line and grade. Finish ditch cross-sections to within ±0.10 feet (±30 millimeters) of the staked line and grade. Maintain proper ditch drainage.

WFL Specification 09/17/18 2040060

Include the following when disposal sites are designated.

### 204.14 Disposal of Unsuitable or Excess Material.

Add the following:

Unsuitable or excess material may be disposed of at [INSERT DISPOSAL SITE LOCATION(S)].

WFL Specification 09/17/18 2040070

Use the following when watering and compaction of the disposal site is required.

Water and compact material disposed of at [INSERT DISPOSAL SITE LOCATION(S)].

Measurement

WFL Specification 09/17/18 2040080

Include the following when work is required under this Section, with the following exceptions:

* Do not use when roadway excavation is measured by Contract Quantity
* Do not use when confidence in roadway excavation quantity is low (i.e., limited survey)

Coordinate with 152.04 and 152.05(c)

### 204.16

Add the following to paragraph (a)(1)(a):

Use the design volume. The design volume is defined as the bid schedule quantity less any allowance, as shown in the summary of quantities sheet of the plans. This volume is subject to adjustments resulting from changes to slope stakes according to Subsection 152.05(d).

WFL Specification 11/12/20 2040090

Include the following when Unclassified borrow, Select borrow, or Topping pay items are required.

### 204.16(b) Unclassified borrow, select borrow, and topping.

Delete the text of the first paragraph and substitute the following:

When measuring by the cubic yard, measure in-place.