## Section 257. — CONTRACTOR-DESIGNED RETAINING WALLS

09/17/18– FP-14

WFL Specification 09/17/18 2570010

Include the following when work is required under this Section. Consult with Geotech and edit as needed when other walls are required.

Description

### 257.01

Delete the last sentence of this Subsection and substitute the following:

Wall types include rockery, gabion, mechanically-stabilized earth, permanent ground anchor, reinforced concrete, soil nail, and prefabricated modular walls.

Material

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Include the following when work is required under this Section. Consult with Geotech, and

edit as required to include/exclude materials needed for other walls, as well as tailor any other construction requirements needed for the project work.

### 257.02

Amend as follows:

Delete the following from the Materials list:

Driven Piles 551

Micropiles 567

Reinforced soil slopes 261

Add the following to the Materials list:

Rockeries 252

Construction Requirements

### 257.05 Design and Construction.

Delete the text of this Subsection and substitute the following:

Unless otherwise stated, design walls according to AASHTO LRFD Bridge Design Specifications. Design and construct walls according to the approved drawings, and the following as applicable:

**(a) Rockery.** Design according to Rockery Design and Construction Guidelines, FHWA-CFL/TD-06-006, November 2006. Construct according to Section 252.

**(b) Gabion walls**. Construct according to Section 253.

**(c) Mechanically-stabilized earth walls.** Construct according to Section 255.

**(d) Permanent ground anchor walls**. Construct according to Sections 256 and 552.

**(e) Reinforced concrete retaining walls.** Construct according to Section 258.

**(f) Soil nail retaining walls.** Design according to the Soil Nail Walls Reference Manual, FHWA-NHI-14-007, FHWA GEC 007, February 2015. Construct according to Section 259.

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**Include the following in projects requiring prefabricated modular walls. Consult with Geotech, and add section 254 “Other Retaining Walls” for material and construction requirements needed.**

(g) Prefabricated modular walls. Construct according to Section 254.

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Include the following when work is required under this Section.

Update drawings when plan dimensions are revised due to field conditions or other reasons.