

FEBRUARY 6, 2020

**SPECIAL PROVISION****AMENDMENT TO SECTION 203 -- EXCAVATION AND EMBANKMENT****Item 203.11 – Common Excavation - LRS**

*This special provision addresses Limited Reuse Soil (LRS), including adding an item for excavating, handling, transporting, and stockpiling of LRS. All the requirements as set forth in the Standard Specifications are applicable except as modified or changed herein.*

**Add** to 1.1:

**1.1.1** This work shall consist of excavating, handling, transporting, and stockpiling of Limited Reuse Soil (LRS) in conformance with the Soils Management Plan.

**Add** to 2.1:

**2.1.1** Common Excavation – LRS shall consist of all excavation of LRS as defined in 101.64 “A”.

**Amend** 3.1.2 as follows:

**3.1.2 LRS.** Topsoil and humus material shall be removed in excavation areas and also in fill areas to such depths as the Engineer may direct. Such material shall be reserved and shall be stockpiled in accessible piles that can be measured readily and accurately by the Engineer. Unless otherwise permitted, each stockpile shall contain a minimum of 200 cy, and have a height of at least 4 ft. Material defined as LRS must be reused on the Project unless otherwise stated in the Soils Management Plan or authorized in writing by the Engineer.

**3.1.2.1** In areas where no measureable topsoil exists, the material from the top of ground to a depth of six inches is considered LRS. This material shall be stockpiled for reuse as described in 3.1.2.

**Add** to 3.7.1:

**3.7.1.1** When placing LRS as embankment, refer to the Soils Management Plan for restrictions.

**Amend** 3.9 as follows:

### **3.9 Disposal of Surplus and Waste Material.**

#### **3.9.1 Definitions.**

- (a) Surplus material. Excess material from excavation beyond the minimum requirements of the project but otherwise suitable for use.
- (b) Waste material. Material unsuitable for use in the work except in noncritical areas.
- (c) LRS. See 101.64“A”.

#### **3.9.2 Blank.**

**3.9.3** When practicable and wherever directed, surplus and waste material shall be used for flattening slopes or for other grading within the project. If LRS materials are being used, refer to the Soils Management Plan for restrictions.

**3.9.4** When specified as embankment-in-place surplus or stockpile surplus, the material shall be placed as shown on the plans or as directed in the Proposal in accordance with the appropriate specification.

**3.9.5** In case it is impossible to dispose of all the surplus and waste material in the manner described above, the following shall apply:

- (a) Non-LRS: It shall be the Design Build Team’s responsibility to secure disposal areas for approval for non-LRS surplus and waste materials as part of the excavation items if such areas are not shown on the Plans.
- (b) LRS: The Design-Build Team shall manage the LRS material in accordance with the Soils Management Plan.

**3.9.6** If disposal of surplus and waste material is by burying, the cover material shall be graded and shaped as directed by the Engineer. If material is to be placed on private land, the agreements as to how the disposal area is to be left shall be set forth on the Disposal Agreement form provided by the Department in accordance with 106.10. Three signed copies of the Disposal Agreement shall be furnished to the Engineer. Approval of the proposed disposal area will be contingent upon agreement by the Design-Build Team and the property owner to leave the area in such shape that it blends with the surrounding terrain and that erosion is kept to a minimum. Without special permission, slopes shall not be left steeper than 2:1 (horizontal to vertical). No disposal area shall be left in such condition that erosion might result in water pollution by silt or other deleterious substances. Areas shall be left in such shape and condition that material does not wash and block or obstruct drainage ways. If holes caused by settlement appear, they shall be filled as directed. A release from the property owner is required prior to Project Acceptance. LRS material shall only be placed on property under the control of the Department or as specified in the Soils Management Plan.

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**3.9.7** Unless otherwise ordered, disposal areas shall be covered with material capable of supporting vegetation and either fertilized and seeded with grass seed or planted with seedlings. Seedlings shall be set out in accordance with accepted horticultural practices as directed in the agreement.

**3.9.8** Unless permission is given to preserve access roads to disposal areas adjacent to highways, such access roads shall be obliterated.

**3.9.9** When the Contract requires the removal of intact existing pavement but does not require recycling, the Design-Build Team is encouraged to save this bituminous material for future reuse. This material is considered to be a valuable resource because of the residual asphalt contained in it. Therefore, no existing bituminous pavement removed shall be incorporated in the embankment. If the Design-Build Team elects to dispose of bituminous material it shall be disposed of in accordance with the Department of Environmental Services Waste Management Division regulations at no expense to the State.

**3.9.9.1** Milled or reclaimed pavement shall be disposed of or recycled in accordance with the project's Soils Management Plan.

**Amend** 3.11.2 as follows:

**3.11.2 Sources.** Unless otherwise designated in the Contract, the Design-Build Team shall make arrangements for obtaining material for embankment-in-place in accordance with 106.02. The Design-Build Team shall provide information in the Project Operations Plan (POP) regarding how LRS will be managed in accordance with 104.04. Permission may be contingent, among other considerations, upon agreement by the Design-Build Team to leave regular and uniform slopes in the area.