

303-R-790 AGGREGATE PAVEMENTS OR SHOULDERS

(Adopted 08-15-24)

The Standard Specifications are revised as follows:

SECTION 303, BEGIN LINE 1, DELETE AND INSERT AS FOLLOWS:

SECTION 303 – AGGREGATE PAVEMENTS OR SHOULDERS

303.01 Description

This work shall consist of placing a dense-graded compacted aggregate on prepared subgrade in accordance with 105.03.

MATERIALS

303.02 Materials

Materials shall be in accordance with the following:

Coarse Aggregate, Class D or Higher, Size No. 53	904
Coarse Aggregate, Class D or Higher, Size No. 73*	904

* Surface courses only, when specified.

CONSTRUCTION REQUIREMENTS

303.03 Preparation of Subgrade

Subgrade shall be prepared *and proofrolled* in accordance with 207.04. *When shown on the plans, geosynthetics shall be placed in accordance with 214.03, or as directed.* Proofrolling will not be required in trench sections and other areas where proofrolling equipment cannot be used.

303.04 Temperature Limitations

Aggregate shall not be placed when the air temperature is less than 35°F. Aggregate shall not be placed on a frozen subgrade. Frozen aggregate shall not be placed.

303.05 Spreading

Aggregate shall be spread in uniform lifts with a spreading and leveling device approved by the Engineer. The spreading and leveling device shall be capable of placing aggregate to the depth, width, and slope specified. The compacted depth of each lift shall be a minimum of 3 in. and a maximum of 6 in., except where utilized as a shoulder. The compacted depth of a lift for a shoulder shall be a minimum of 3 in. and a maximum of 9 in.

Aggregate shall be handled and transported to minimize segregation and the loss of moisture. In areas inaccessible to mechanical equipment, approved hand spreading methods may be used.

The moisture content of the aggregate shall be between 4% and ~~the optimum moisture content when the aggregate is delivered to the project~~ 7%. If necessary, the Contractor shall adjust the water content to meet the compaction requirement. ~~Water shall not be added to the aggregate on the grade.~~

303.06 Compacting

Compaction shall be in accordance with 301.06.

The allowable average deflection and the maximum deflection for the aggregate over the chemically modified soils and untreated soils, shall be in accordance with the Tables shown in 203.24(b). The test section shall be constructed in accordance with ITM 514 for other materials not included in the table shown in 203.24(b). All displacement or rutting of the compacted aggregate shall be repaired prior to placing subsequent material.

In the areas inaccessible to compaction equipment, such as private drives, compaction requirements may be accepted by visual inspection.

303.07 Checking and Correcting Base and Surface

The top of each aggregate course shall be checked transversely and all deviations in excess of 1/2 in. shall be corrected. If additional aggregate is required, the course shall be remixed and re-compacted.

303.08 Dust Palliative

A dust palliative, if required, shall be in accordance with 407.

303.09 Method of Measurement

Compacted aggregate will be measured by the ton in accordance with 109.01(b) for the type specified. *Geosynthetics will be measured in accordance with 214.05.*

303.10 Basis of Payment

The accepted quantities of compacted aggregate will be paid for at the contract unit price per ton, for the type specified, complete in place. *Geosynthetics will be paid for in accordance with 214.06.*

Payment will be made under:

Pay Item	Pay Unit Symbol
Compacted Aggregate, No. 53	TON
Compacted Aggregate, No. 73	TON

The cost of placing, *spreading*, compacting, water, and necessary incidentals shall be included in the costs of the compacted aggregate.

Payment will not be made for material placed outside of a 1:1 slope from the planned typical section.

Replacement or repair of pavement or shoulders damaged by the Contractor's operations shall be at no additional payment.