

PULVERIZED ASPHALT CONCRETE SURFACING, PULVERIZED ROAD-MIX SURFACING, AND PULVERIZED PORTLAND CEMENT CONCRETE

DESCRIPTION

- 1001.1 This work shall consist of utilizing recycled materials as Class 2 Aggregate Base or Class 3 Aggregate Sub-base in accordance with the requirements of this Technical Specification and subject to the limitations specified herein by supplying all labor, tools, and equipment to grind or mill materials at the work site or by supplying recycled materials from a central plant, and furnishing all labor, tools and equipment to haul, spread, and compact the recycled materials.

MATERIALS

- 1002.1 Pulverized Asphalt Concrete Surfacing (PACS) is asphalt concrete that has been recycled by milling or grinding machines in the field or at a central plant and conforms to the quality requirements in these Technical Specifications.
- 1002.2 Pulverized Road-mix Surfacing (PRMS) is road-mix material that has been recycled by milling or grinding machines in the field or at a central plant and conforms to the quality requirements in these Technical Specifications.
- 1002.3 Pulverized Portland Cement Concrete (PPCC) is Portland Cement Concrete that has been recycled by milling or grinding machines in the field or at a central plant and may be substituted for either PACS or PRMS providing it conforms to the grading requirements for the material being replaced.

QUALITY AND COMPACTION

- 1003.1 PACS shall conform to compaction, and grading tolerances for 1-1/2" (37.5 mm) maximum Class 2 Aggregate Base as specified in Section 26 "Aggregate Bases", of the Standard Specifications, except that 95 percent of the material shall pass the 2" (50 mm) sieve.
- 1003.2 PRMS shall conform to compaction and grading tolerances for Class 3 Aggregate Sub-base as specified in Section No. 25 "Aggregate Sub-bases", of the Standard Specifications, except that 95 percent of the material shall pass the 3" (75mm) sieve.
- 1003.3 PACS and PRMS shall be tested for conformance to gradation requirements prior to placement at the project site. In addition, PACS and PRMS manufactured at a central plant shall also be tested for gradation requirements prior to delivery to the project site.
- 1003.4 The Contractor shall perform operations so as to prevent contamination or segregation of the PACS and PRMS. Segregation can occur when the PACS and PRMS is manipulated

in such a way as to cause the coarse components to separate from the fines resulting in a non-uniform distribution of materials within the mix.

PERMITTED OR REQUIRED USES

- 1004.1 PACS or PRMS may be used at the option of the Contractor to replace Class 2 Aggregate Base below 0.35 feet from the surface of the finished aggregate base, unless otherwise specified in the Special Provisions.
- 1004.2 PACS, PRMS, or PPCC may be used at the option of the Contractor to replace Class 3 Aggregate Sub-base, unless otherwise specified in the Special Provisions.

MEASUREMENT AND PAYMENT

- 1005.1 Full compensation for furnishing all labor, tools, equipment, and incidentals, and for doing all the work in addition to the roadway excavation costs included in Technical Specifications No. 9, "Roadway Excavation", involved in pulverizing, removing, hauling, placing, and compacting the PACS, PRMS, and PPCC as specified herein, and/or as designated on the plans and/or as directed by the Engineer shall be considered as included in the contract price paid per cubic yard of Class 2 Aggregate Base or Class 3 Aggregate Sub-base, whichever is applicable, and no additional compensation will be allowed therefor. The volume of recycled material will not reduce the quantity of roadway excavation.
- 1005.2 Full compensation for supplying PACS, PRMS, and PPCC from a central plant and furnishing all labor, tools, and equipment to haul, place, and compact these materials as specified herein, and/or as designated on the plans and/or as directed by the Engineer shall be considered as included in the contract price paid per cubic yard of Class 2 Aggregate Base or Class 3 Aggregate Sub-base, whichever is applicable, and no additional compensation will be allowed therefor.