

**OKLAHOMA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION  
FOR  
RECLAIMED ASPHALT PAVEMENT (RAP)**

These Special provisions revise, amend and where in conflict, supersede applicable sections of the 1999 Standard Specifications for Highway Construction, English and Metric, as applicable. Units of measurement are provided in the subsections in both English and Metric equivalents. The units applicable for this project will be those specified in the project plans.

*(Delete entire section and replace as follows:)*

**708.04.(c) Reclaimed Asphalt Pavement (RAP)**

Unless otherwise shown on the Plans, Superpave mixtures containing reclaimed asphalt pavement (RAP) will be accepted in accordance with Table 708:5, if the mixture is not used in the surface layer and meets the Contract requirements for the type or grade.

Table 708:5 Reclaimed Asphalt Pavements	
Superpave with Binder Type	Maximum RAP, %
PG 64-22 OK	25
PG 70-28 OK	15
PG 76-28 OK	15

Regardless of the layer or binder type, the Department’s Materials Engineer will accept Superpave mixtures with no greater than 25 percent RAP for shoulders, driveways, layers serving as a bond breaker under PCC pavements, and on roadways with less than 0.3 million ESALs if the mixture meets the Contract requirements for the type or grade. Superpave mixtures containing up to 35 percent RAP will be accepted in temporary crossovers and temporary detours if the mixture meets the Contract requirements for the type or grade, and if the mixture can be produced meeting air quality standards set forth by the Oklahoma Department of Environmental Quality. Temporary is defined as any material that will not become part of any permanent pavement. Temporary material must be removed before the end of the project.

Process RAP by fractionating it into at least two stockpiles: a coarse stockpile and a fine stockpile. Crush, screen, or size the coarse stockpile so that 100 percent passes through a 1.5 in [37.5 mm] sieve. Crush, screen, or size the fine stockpile so that 100 percent passes through either a 5/8 in [16.5 mm], 1/2 in [12.5 mm], or 3/8 in [9.5 mm] sieve. If RAP comes from an unknown source and documentation is unavailable, the Department will consider the insoluble residue content to be zero (0). The Department will reduce the amount of natural sand and gravel allowed in the combined aggregate by the amount of natural sand and gravel contained in the RAP. The Department will not allow the use of RAP in Stone Matrix Asphalt (SMA), Permeable Friction Course (PFC), Rich Bottom Layer (RBL), Open-Graded Friction Surface Course (OGFSC), or Open-Graded Bituminous Base (OGBB) mixes.