

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

## SUPPLEMENT TO SPECIAL PROVISION NO. 907-401-5

**DATE:** 12/14/2015

**SUBJECT:** Stone Matrix Asphalt (SMA)

Delete the first sentence of the second paragraph of Subsection 907-401.01 on page 1, and substitute the following.

This work consists of constructing one or more lifts of SMA pavement on a prepared surface in accordance with the requirements of Section 401 for Asphalt Pavement, with the exceptions set forth in this special provision.

Delete the last paragraph of Subsection 907-401.02.3.1, on page 3 and substitute the following.

Reclaimed asphalt pavement (RAP) or crushed reclaimed concrete may be used in the production of SMA in the percentages of the total mix by weight set out in the following table.

SMA Mixture	Maximum Percentage of RAP by total weight of mix
9.5-mm	10 *
12.5-mm	10 *

\* At a minimum, RAP shall be crushed, processed and/or screened such that the RAP material size does not exceed the nominal maximum sieve size for the mixture specified.

Delete Subsection 907-401.2.5.9 on pages 7 & 8, and substitute the following.

**907-401.02.5.9--Trial Section.** At the beginning of placement for each lift, the Contractor shall construct a trial section of a maximum of 400 tons of mix, for the purpose of establishing and evaluating consistent mixture properties and the compactibility of the mixture. The Contractor shall determine the production point at which the mix shall be sampled during trial section construction. This sample does not have to be selected by the formal random selection procedures used during actual production, but should be representative of the mix produced.

Density tests shall be performed according to the procedures in Chapter 7 of MDOT's Field Manual for Hot Mix Asphalt (First Day Production). The Contractor (QC) and the Department (QA) will conduct tests for mixture quality. A trial section is considered to be successful if the QC test results are within the Warning Limits (the testing indicates a pay factor of 1.0) and the QC tests compare to the QA tests within the allowable differences set forth in Subsection 907-401.02.6.2. If the criteria for a successful trial section is not achieved, additional trial sections of at least 200 tons but not more than 400 tons shall be constructed until the criteria is achieved, at which time full production can begin. In the event a successful trial section is not accomplished by the completion of the second trial section, the Contractor will be required to construct

additional trial sections at an offsite location. The Engineer reserves the right to have any trial section removed and replaced at no additional cost to the State, if the pay factor for any characteristic for a trial section is less than 0.75.

For actual payment purposes, a pay factor of 1.00 will be used for all first and second trial sections allowed to remain in place. Any required offsite trial sections will be constructed at no additional cost to the State.