



AGGREGATE FOR ASPHALTIC CONCRETE FIELD SECTION 1002

1002.1 SCOPE. To establish procedures for the inspection and acceptance of coarse aggregate, fine aggregate, hydrated lime, and mineral filler for use in asphaltic concrete.

1002.2 PROCEDURE. Inspection, testing, and sampling will be governed by the instructions contained in [Field Sec 1001](#) of this Manual.

1002.2.1 Field tests required are as follows:

- (a) Sieve analysis.
- (b) Percent deleterious substances.
- (c) Lightweight particle content, including coal and lignite, in fine aggregate.
- (d) Plastic Index

1002.2.2 Samples required for Laboratory tests are as follows:

- (a) Initial approval for coarse aggregate.
- (b) Source approval.
- (c) Trial mix samples.
- (d) Production samples.

1002.3 ACCEPTANCE. Source approval is to be based on the results of Laboratory tests. Acceptance is based on routine tests in the field to insure compliance with Specification Sec 1002.

1002.3.1 Acceptance or rejection of aggregates for asphaltic concrete will be on the basis of quality and the gradation requirements of Specification Sec 1002.1 and 1002.2, placing full responsibility for obtaining the proper gradation shown on the approved job mix formula on the contractor. It is expected, however, that the district Operations Engineer will cooperate with the contractor by keeping him informed as to whether the produced material can be combined to meet the gradation shown in the approved job mix formula.

1002.3.2 If the contractor desires to have material produced to comply with gradations that he has selected as being more applicable to the approved job mix, he shall furnish the necessary gradation requirements to the district Operations Engineer and the aggregate producer in writing. The inspector should then immediately notify both the contractor and the producer when the material, as produced, approaches or exceeds these additional limits. This procedure should be explained to all contractors so that they may proceed on that basis, if they prefer. Where contractors are not willing to furnish adequate and definite instructions, the basis of acceptance or rejection of the material will be as described in paragraph 1002.3.1 of this Section.

1002.4 RECORDS AND REPORTS. All plant records shown in Field Sec 1001.6 of this Manual shall be maintained. The aggregate shall be reported through SiteManager in accordance with Automation Section AS -3510 of this Manual. In addition, sieve analysis should be furnished to the contractor on Impromptu report T707.imr or T707ave2.imr as the aggregate is produced.

