

**GUIDE SCHEDULE FOR FEDERAL-AID ACCEPTANCE SAMPLING
(INCH-POUND UNITS)**

Type of Construction or Material	Tests to be Made (if specified)	Sampled	Minimum Number of Tests
Grading - Embankment	Density/ Moisture	After Compaction	A minimum of four density tests per day for each active grading spread regardless of road surface.
Sub grade Preparation	Density/ Moisture	After Compaction	A minimum of four density tests per day for each active grading spread regardless of road surface.
Aggregate Base* (Roadway & Shoulders)	Gradation	Before Compaction	One per 5,000 tons or fraction thereof per specified gradation per source. None required if less than 1000 tons of a specified gradation.
Type 1, 2, 3, 4, 5 or Stabilized Permeable	Density/ Moisture	After Compaction	A minimum of four density & moisture tests per day.
NOTE: Gradation only for Type 4 and Stabilized Permeable Base	PI	Before Compaction	One per project per specified gradation per source. None required if less than 1000 tons of specified gradation.
Sand-Soil Base or Soil-Cement Base or Soil-Lime Base	Gradation	Before Compaction	One per 5000 tons or fraction thereof per specified gradation per source. None required if less than 1000 tons of a specified gradation.
	Density	After Compaction	A minimum of four density & moisture tests per day.
	Liquid Limit	Before Compaction	One per project per specified gradation, per source. None required if less than 1000 tons.
	PI	Before Compaction	One per project per specified gradation per source. None required if less than 1000 tons.
Crushed Stone or Gravel Surfacing	Gradation		One per project per specified gradation, per source. None required if less than 1000 tons or 750 cubic yards.
Plant Mix Bit. Base or Plant Mix Bit Pavement or Asphaltic Concrete Pavement	Gradation	Before Mixing	One per 500 tons or fraction thereof per type of construction. None required if type of mixture is less than 250 tons.
	Density	After Compaction	1 sample per day unless undesirable results are achieved, then another sample will be required. The results of the re-test will become the acceptance.
	Asphalt Content	Before Compaction	One per day, using an approved AASHTO method for determining Asphalt Content.

Type of Construction or Material	Tests to be Made (if specified)	Sampled	Minimum Number of Tests
PCC Pavement or PCC Base	Gradation (Coarse Aggregate)	Batch Plant	One per 5000 tons or fraction thereof per specified gradation per source. None required if less than 1000 tons of a specified gradation.
	(Fine Aggregate)	Batch Plant	One per 5000 tons or fraction thereof per specified gradation per source. None required if less than 1000 tons of a specified gradation.
	Gradation Deleterious (Coarse Aggregate)	Batch Plant	One per project per specified gradation per source. None required if less than 1000 tons of a specified gradation.
	Air Content	Jobsite	Air test are to be made at the beginning of each pour and for each 100 cubic yards thereafter.
	Slump	Jobsite	Consistency of concrete should be determined each time an air-entrainment test is made.
	Compressive Strength	Jobsite	Two routine specimens should be created from the first pour of each class of concrete and every 200 CY thereafter. Note: Air and Slump tests are required for each set of cylinders created.
Concrete Masonry (Structures)	Gradation (Coarse Aggregate)	Batch Plant	One per 1000 tons or fraction thereof per specified gradation per source. None required if less than 100 tons of a specified gradation.
	Gradation (Fine Aggregate)	Batch Plant	One per 1000 tons or fraction thereof per specified gradation per source. None required if less than 100 tons of a specified gradation.
	Deleterious (Coarse Aggregate)	Batch Plant	One per 1000 tons or fraction thereof per specified gradation per source. None required if less than 100 tons of a specified gradation.
	Air Content	Jobsite	Air test are to be made at the beginning of each pour on structures and for each 100 cubic yards thereafter.
	Slump	Jobsite	Consistency of concrete should be determined each time an air-entrainment test is made.
	Compressive Strength	Jobsite	Two routine specimens should be created from the first pour of each class of concrete in any one day and every 200 CY thereafter. Note: Air and Slump tests are required for each set of cylinders created.
* When aggregate base shown in the contract is to be measured and paid for by area, convert the area to tons and follow the sampling frequency shown in this schedule. When converting, use the factor .06 ton/sq.yd./1" thickness of compacted base.			