

Section 1043

1 the Engineer. However, the use of broken concrete that contains reinforcing steel will not be
2 permitted.

3 All stone shall meet the approval of the Engineer. While no specific gradation is required,
4 there shall be equal distribution of the various sizes of the stone within the required size
5 range. The size of an individual stone particle will be determined by measuring its long
6 dimension.

7 Stone or broken concrete for rip rap shall meet Table 1042-1 for the class and size
8 distribution.

TABLE 1042-1			
ACCEPTANCE CRITERIA FOR RIP RAP AND STONE FOR EROSION CONTROL			
Class	Required Stone Sizes, inches		
	Minimum	Midrange	Maximum
A	2	4	6
B	5	8	12
1	5	10	17
2	9	14	23

9 No more than 5.0% of the material furnished can be less than the minimum size specified nor
10 no more than 10.0% of the material can exceed the maximum size specified.

11 **SECTION 1043**
12 **AGGREGATE FROM CRUSHED CONCRETE**

13 **1043-1 GENERAL**

14 Aggregate from crushed concrete is a recycled product made by crushing concrete obtained
15 from concrete truck clean out, demolition of existing concrete structures or pavement, or
16 similar sources and transported from a crushing facility. It does not include concrete
17 pavements that are rubblelized, broken or otherwise crushed in place on the roadway.

18 The crushed material must meet all sources approval requirements described in Sections 1005
19 and 1006 with the exception of the sodium sulfate test requirement. Deleterious materials
20 shall not be more than 3%.

21 Sampling and acceptance for the determination of gradation, LL and PI will be performed as
22 described in the *Aggregate QC/QA Program Manual* and the *Aggregate Sampling Manual*.

23 **1043-2 AGGREGATE BASE COURSE**

24 The material shall meet the ABC gradation. The LL of the material shall be raised 5 points to
25 no more than 35.

26 **1043-3 AGGREGATE SHOULDER BORROW**

27 The material shall meet Section 1019.

28 **1043-4 CLEAN COARSE AGGREGATE FOR ASPHALT**

29 The material shall meet the gradation of a standard size in Table 1005-1. Use of the material
30 shall be approved by the Engineer, and the mix shall meet all requirements.

31 **1043-5 CLEAN COARSE AGGREGATE FOR CONCRETE**

32 The material shall meet the gradation of a standard size in Table 1005-1. Use of the material
33 is restricted to Class B concrete mixes only. Use of the material shall be approved by the
34 Engineer, and the concrete shall meet all requirements.