

COLORADO DEPARTMENT OF TRANSPORTATION SUBMITTAL OF NEW SPECIFICATION OR SPECIFICATION CHANGE		Log No. (Assigned by Standards and Specifications Unit) 703-18
TO: Standards and Specifications Unit, Project Development, Suite 290		FROM: Eric Prieve, MAC (Region, Branch or Technical Committee)
SPECIFICATION SECTION NO. 703	ITEM 703	Priority Routine <input checked="" type="checkbox"/> Fast <input type="checkbox"/>
Reason for this new or changed specification: This is a minor change to table 703-3 for Class 6 base course to allow up to 5% +3/4 inch aggregate. There was a request from the aggregate industry to help them utilize more of the natural resources they have. This simple change has the potential of doubling the amount of ABC with no loss of quality. Allowing 5% on the topside reduces crushing and fines waste.		
New or Revised Specification: See attached		
NOTE: See Procedural Directive 513.1 for a description of appropriate specification development procedures.		

**Table 703-3
CLASSIFICATION FOR AGGREGATE BASE COURSE**

Sieve Size	Mass Percent Passing Square Mesh Sieves						
	LL not greater than 35			LL not greater than 30			
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7
150mm (6")			100				
100mm (4")		100					
75mm (3")		95-100					
60mm (2 1/2")	100						
50mm (2")	95-100			100			
37.5mm (2")				90-100	100		
25mm (1")					95-100	100	100
19mm (3/4")				50-90		95-100	
4.75mm (#4)	30-65			30-50	30-70	30-65	
2.36mm (#8)						25-55	20-85
75 µm (#200)	3-15	3-15	20 max	3-12	3-15	3-12	5-15

NOTE: Class 3 material shall consist of bank or pit run material.

REVISION OF SECTION 703
AGGREGATES FOR BASES

Section 703 of the Standard Specifications is hereby revised for this project as follows:

In subsection 703.03 delete Table 703-3 and replace with the following:

**Table 703-3
CLASSIFICATION FOR AGGREGATE BASE COURSE**

Sieve Size	Mass Percent Passing Square Mesh Sieves						
	LL not greater than 35			LL not greater than 30			
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7
150mm (6")			100				
100mm (4")		100					
75mm (3")		95-100					
60mm (2 ½")	100						
50mm (2")	95-100			100			
37.5mm (2")				90-100	100		
25mm (1")					95-100	100	100
19mm (¾")				50-90		95-100	
4.75mm (#4)	30-65			30-50	30-70	30-65	
2.36mm (#8)						25-55	20-85
75 µm (#200)	3-15	3-15	20 max	3-12	3-15	3-12	5-15
NOTE: Class 3 material shall consist of bank or pit run material.							