KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION TO THE
STANDARD SPECIFICATIONS, 2015 EDITION

SECTION 1114

STONE FOR RIPRAP, DITCH LINING AND OTHER MISCELLANEOUS USES

Page 1100-35, subsection 1114.2a.(3). Add the following to the end of subsection 1114.2a.(3):

- Field Inspection Method to determine acceptable material size.
  - Measure a minimum of 3 sides of the boulder.
  - Use a density of 150 lbs. per cubic foot to calculate the weight of the boulder. (Weight = Volume * Density)
  - On visible faces, measure the length of the boulder at a minimum of 3 locations; average the measurements to establish the dimensions and calculate the volume.
  - Example calculation to determine the approximate weight:
    Volume: 1.5 feet x 1.5 feet x 1.5 feet = 3.375 cubic feet;
    Weight: 3.375 cubic feet x 150 lbs. per cubic foot = 506.25 lbs.
  - Any dispute of calculated measurements of weights can be determined from actual weight of the boulder in question.

Page 1100-36, subsection 1114.2a.(3). Delete TABLE 1114-1 and replace with the following:

TABLE 1114-1: STONE FOR RIPRAP*

Class	Percent Heavier Than												
	4 tons	3 tons	2 tons	1 ½ tons	1 tons	¾ tons	½ tons	¼ tons	250 lbs.	200 lbs.	100 lbs.	75 lbs.	5 lbs.
2 Ton	0		50+			75+		90+					
1 ½ Ton		0		50+			75+		90+				
1 Ton			0		50+			75+	90+				
¾ Ton				0		50+				90+			
½ Ton					0		50+				90+		
¼ Ton						0		50+				90+	
200 Lb.							0	0-5		50+			95+
100 Lb.							0	0-5			50+		95+
Facing										0		50+	95+

*Percent of total sample weight composed of pieces heavier than the indicated weight

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Jul-15 Letting