MATERIALS & RESEARCH SECTION

SUPERPAVE PRODUCTION
2014 Production Season - ENGLISH YIELDS

SQUARE YARD / TON

			Type C			
	BCBC	**Type B**	**9.5 mm stone**	**12.5 mm stone**	**4.75 mm stone**	**SMA**
WT (lb./ft^3)	151.5	153.5	151.3	151.5	143.6	149.5
Depth (in)						
0.50					37.14	
0.75					24.76	
1.00					18.57	
1.25			14.10		14.86	
1.50			11.75	11.73		11.89
1.75			10.07	10.06		10.19
2.00			8.81	8.80		8.92
2.25		7.72		7.82		
2.50		6.95		7.04		
3.00	5.87	5.79				
3.50	5.03	4.96				
4.00	4.40	4.34				
4.50	3.91					
5.00	3.52					
5.50	3.20					
6.00	2.93					

Notes:
1) Square yard coverage is based upon 93% compaction that has 100% Pay Factor under QA/QC spec
2) Unless otherwise directed by Materials & Research, 9.5 mm Type C Bituminous Concrete should be used

SAMPLE CALCULATION:
The design is for a 1 mile long pavement, 24 feet wide, and 2 inches of Type C Bituminous Concrete
[(5280 ft.) x (24 ft.)] / 9 ft^2 per yd^2 = 14080 yd^2
Using the above chart, for Type C Bituminous Concrete (9.5 mm Stone) @ 2 inches, the value is 8.80 yd^2
14080 yd^2 / 8.80 yd^2 per ton = 1600 tons of Type C Bituminous Concrete