

Asphalt Mixtures		Compacted Aggregate	
Pavement Thickness	Factor	Aggregate Thickness	Factor
1 in.	110 lb/yd ² = 0.055 T/yd ²	3 in.	0.167 T/yd ²
1.25 in.	140 lb/yd ² = 0.070 T/yd ²	4 in.	0.222 T/yd ²
1.5 in.	165 lb/yd ² = 0.083 T/yd ²	5 in.	0.278 T/yd ²
1.65 in.	180 lb/yd ² = 0.090 T/yd ²	6 in.	0.333 T/yd ²
2 in.	220 lb/yd ² = 0.110 T/yd ²	7 in.	0.389 T/yd ²
2.25 in.	250 lb/yd ² = 0.125 T/yd ²	8 in.	0.444 T/yd ²
2.5 in.	275 lb/yd ² = 0.138 T/yd ²	9 in.	0.500 T/yd ²
2.75 in.	300 lb/yd ² = 0.150 T/yd ²	12 in.	0.667 T/yd ²
3 in.	330 lb/yd ² = 0.165 T/yd ²	B Borrow for Draintile	
3.25 in.	360 lb/yd ² = 0.180 T/yd ²	Pipe Dia.	Factor
3.5 in.	385 lb/yd ² = 0.193 T/yd ²	6 in.	0.257 yd ³ /lft
4.5 in.	495 lb/yd ² = 0.248 T/yd ²	8 in.	0.269 yd ³ /lft
8 in.	880 lb/yd ² = 0.440 T/yd ²	10 in.	0.278 yd ³ /lft
Asphalt for Prime Coat	0.63 gal./yd ² = 0.0028 T/yd ²	12 in.	0.304 yd ³ /lft
Asphalt for Tack Coat	0.06 gal./yd ² = 0.00025 T/yd ²	18 in.	0.502 yd ³ /lft
Riprap		Aggregate for Underdrains	
Riprap	1.5 T/yd ³	Pipe Dia.	Factor
Water for Sodding		6 in.	0.090 yd ³ /lft
Water	4 gal./yd ² = 0.004 kgal/yd ²	8 in.	0.110 yd ³ /lft
Pavement Markings		10 in.	0.136 yd ³ /lft
Permanent Broken Centerline 0.25 lft/ft		Shoulder Drains	
		Flat Terrain	24.8 T/mi
		Rolling Terrain	30.2 T/mi
		Hilly Terrain	35.5 T/mi

ROADWAY QUANTITIES FACTORS

Figure 17-4A