

LAND USE

170 Attachment 1

Town of Boothbay Harbor

**Table A:
Road Construction Standards
[Amended 5-8-2010 by ATM Art. 71]**

A. The following are minimum thicknesses after compaction.

Road Materials	Type of Road				
	Arterial	Collector	Minor	Private Road	Back Lot Driveway
Aggregate subbase course (maximum sized stone four inches) (inches)	18	18	18	12	12
Crushed aggregate base course (inches)	4	3	3	3	
Hot bituminous pavement					
Total thickness (inches)	3 1/4	2 1/2	2 1/2		
Surface course (inches)	1 1/2	1	1		
Base course (inches)	1 3/4	1 1/2	1 1/2		

B. Bases and pavements.

- (1) The aggregate subbase course shall be sand or gravel of hard durable particles free from vegetative matter, lumps, balls of clay and other deleterious substances. The gradation of the part that passes a four-inch square sieve shall meet the following grading requirements:

Sieve Designation	Percentage by Weight Passing Square Mesh Sieves
1/4 inch	25% to 70%
No. 40	0% to 30%
No. 200	0% to 7%

- (2) Aggregate for the subbase shall contain no particles of rock exceeding six inches in any dimension. The aggregate base course shall be sand or gravel of hard durable particles free from vegetative matter, lumps, balls of clay and other deleterious substances. The gradation of the part that passes a three-inch square mesh sieve shall meet the following grading requirements:

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Sieve Designation	Percentage by Weight Passing Square Mesh Sieves
1/2 inch	45% to 70%
1/4 inch	30% to 55%
No. 40	0% to 20%
No. 200	0% to 5%

- (3) Aggregate for the base shall contain no particles of rock exceeding two inches in any dimension.
- (4) Pavement Joints. Where pavement joins an existing pavement, the existing pavement shall, be cut along a smooth line and form a neat, even vertical joint.
- (5) Pavements. Minimum standards for the base layer of pavement shall be the MDOT specification for plant mix Grade B. Minimum standards for the surface layer of pavement shall meet the MDOT specifications for plant mix Grade C.