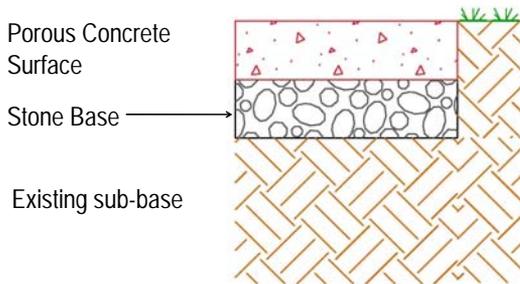


Porous Concrete Information



Porous Pavement



Pavement Section



Sample Porous Pavement Path

What is Porous Concrete?

Porous concrete is similar to regular concrete, except it is a mixture of cement, larger stones and water, that has a high percentage of void space. Porous concrete allows rainwater to flow through the concrete, into the stone reservoir and into the ground below. The porous concrete design accommodates rainfall from significant storm events to meet current DNREC regulations.

Why are we using Porous Concrete?

Porous concrete is an environmentally friendly material that allows us to construct a pedestrian path without additional stormwater facilities, which require additional land. The rain water will infiltrate into the ground, which is the natural way to remove pollutants from the water before it enters the ground water. This will manage the quality and quantity of the run-off.

Additional benefits of Porous Concrete?

Porous concrete has the same life expectancy as traditional concrete; about 20 years. Since the path will be for pedestrians only, additional life span is possible.

Porous concrete has similar maintenance requirements as traditional concrete, except that large rain events will clean the voids within the pavement.

Porous concrete allows water to drain, reducing the ponding and the subsequent icing of the pavement.

