

# PERMEABLE PAVEMENT

## Permeable Pavements Locations in Lincoln



Concrete Pavers at Sherman Ball Fields on W. South St.



Brick Pavers at Tyrell Park on Leonard Street

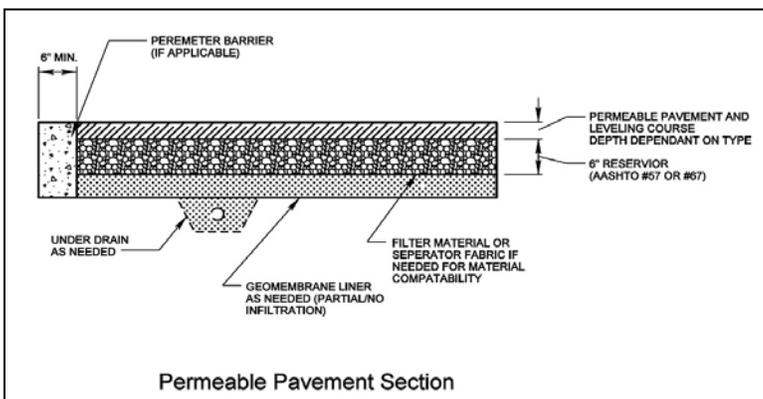
### Description:

The term *Permeable Pavement*, as used here, is a general term to describe any one of several pavements (brick, concrete, asphalt, grass and plastic). Voids in these surfaces allow movement of water and pollutants into a crushed rock or large gravel layer below the pavement surface. In all of these systems, stormwater is allowed to infiltrate through the permeable materials on top and infiltrate in porous rock layer below where microbes that live on the void spaces of the rock break down the pollutants into less harmful base elements.

Water processed in the rock bed can either infiltrate into the soils below the rock bed or be allowed to runoff through a pipe to a storm drain connection.

### Benefits:

- Provides water quality treatment
- Can be placed back if utility cuts or other patches are required
- Maintains infiltration rates well
- Provides flexibility in design options such as color, patterns and surface
- Can be ADA compliant
- Less likely to form ice on the surface
- Can be used adjacent to trees in a highly urbanized area to infiltrate water for healthier trees



Porous Concrete Installation at S.27<sup>th</sup> & F Street

### More Information:

Links:

<http://lincoln.ne.gov/city/pworks/watrshed/educate/bmpguide/pdf/3.11.pdf>