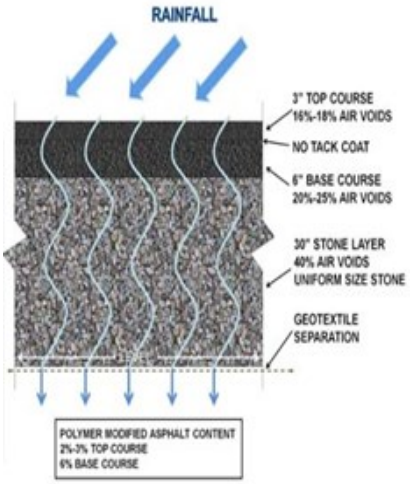
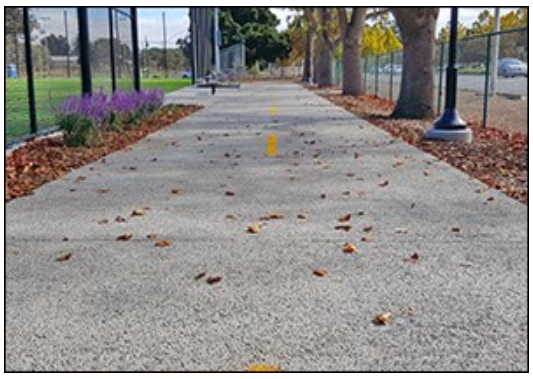
Pervious Pavements

Pervious Pavements – These are materials designed to absorb stormwater, filter particulates and infiltrate the underlying soil to allow for effective groundwater recharge (see diagram). Options include pervious asphalt, pervious concrete, interlocking pavers, and plastic grid pavers. These methods allow rain and snowmelt to seep through the surface down to underlying layers of soil and gravel. In addition to reducing runoff from rain, the pervious pavements filter out pollutants and reduce the need for road salt.



Pervious Asphalt—Above, pervious asphalt parking lot located at NBC's Field's Point Wastewater Treatment Facility.

Pavers - Another type of pervious pavement is a parking area constructed of pavers that allow the infiltration of rainwater and melting snow to the subsurface below.



Pervious Concrete— Consists of a specially formulated mix of cement materials with a high percentage of void space to allow stormwater to infiltrate. Depending upon the location, pervious concrete pavement systems may be designed with a stone reservoir to accommodated stormwater storage for a specific storm event.