Innovative Stormwater Management

POROUS ASPHALT PAVEMENT
with Subsurface Recharge Bed

Uncompacted Subgrade - Keeps permeability high to allow as much infiltration as possible

Non-Woven Geotextile - Protects stone recharge bed above from contamination and allows water to flow through to the soil.

Stone Recharge Bed - Heart of system. Large, single size, crushed stone with 40% voids stores storm water for infiltration.

Choker Course - Single size crushed aggregate (1/2-inch) stabilizes surface for paving.

Open-Graded Asphalt Pavement - An open-graded asphalt mix with that is porous, allowing storm water to flow through surface into stone recharge bed.

Unpaved Stone Edge - A backup system in case the pavement surface should ever become sealed. Storm water can flow off pavement surface to stone edge and into stone recharge bed.