

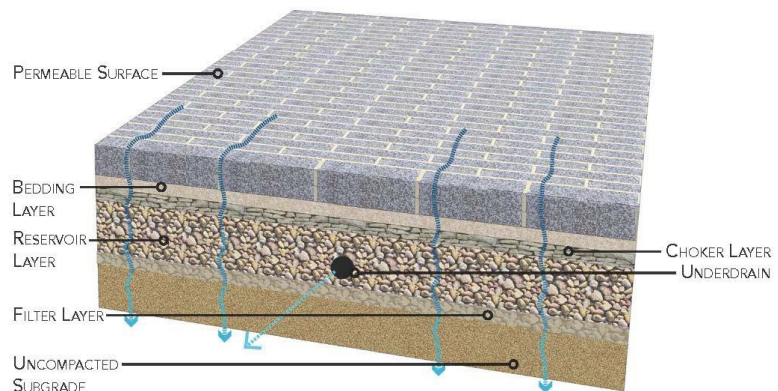
Green Alleys



The District Department of Transportation (DDOT) Green Alley Program is part of a city wide effort to build Green Infrastructure which reduces stormwater runoff in the public right-of-way. Paved surfaces contribute an excessive amount of water runoff which flows into area streams causing erosion and impairing water quality. Green Alley projects install permeable pavement which functions as a paved surface and allows water to flow through. Water will pass through the pavement, into a stone layer, and soak into the soil below. This keeps the water at the source of runoff, into the ground, and out of the sewers and streams.

DDOT's Green Alley Program began in 2010 and eleven alleys have been constructed city-wide. Green alleys are constructed using a variety of permeable materials, including pervious concrete, porous asphalt, and permeable paving blocks. Permeable pavement may be installed in full width permeable pavement or partial width sections. DDOT is now entering the third phase of the Green Alley program. Nine sites are under design in 2016-2017 to construct over the next two years.

Typical cross section of a green alley with permeable pavement:



Upcoming Green Alleys:

Locations: *9th St, NW*

Alley within 7000 – 7016 block of 9th St, NW.

Jenifer St, NW

Alley within 3908 – 3922 block of Jenifer St, NW.

Irving St, SE

Alley within 3016 – 3020 block of 24th Pl, SE

Material: Pervious Concrete, Permeable Pavers, Precast Pervious Concrete Panels



PERVIOUS CONCRETE



PERMEABLE PAVERS

Anticipated Construction: Summer of 2017 through Spring 2018

During Construction

Access and Parking: Vehicular access to the alley will be prohibited for the duration of the construction schedule. Vehicles must be parked on the adjoining streets.

Trash Pick-up: Trash pick-up will occur on the street side of residences. DDOT's construction contractor will provide assistance in moving the super cans for trash and recyclables from the rear of your property to the curb side each week.

After Construction, Do:

- ✓ Keep your green alley clean of dirt and debris. Sweep leaves and plant debris off the alley.
- ✓ Install rain gardens, bioswales, and rain barrels on your own property to absorb and filter water before reaching the alley. DOE's River Smart homes program can help you implement these practices and provide financial assistance.

Do Not:

- Drive on the alley until curing time is complete and barriers are removed!
- Dump chemicals or toxic materials on or near the green alley
- Spread sand or dirt on or near permeable paving in the green alley
- Remove stone from between permeable pavers
- Seal permeable asphalt or concrete

Questions, comments, and/or site nominations can be sent to the following DDOT contacts:

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