

SIDEWALK MATERIAL

PERMEABLE PAVEMENT - POROUS RUBBER SIDEWALK

(TO MINIMIZE DISTURBANCE TO TREES)

On Oregon Avenue, porous rubber sidewalks will be used near and around existing trees to remain. A significant portion of the project will see porous rubber sidewalks meandering through existing trees. In some cases, the application will be limited to only the tree's drip-line. The goal is to provide a continuous sidewalk that allows for connectivity and accessibility, while preserving the mature trees that give Oregon Avenue the park-like character everyone enjoys.

Approximately how many trees are we saving?

WEST OF OREGON AVENUE

Near or within St. John's College High School property:
49 trees - 9 lost = 40 saved **(81%)**

North of St. John's College High School property within ROW
179 trees - 13 lost = 166 saved **(93%)**

EAST OF OREGON AVENUE

East of Oregon Avenue, 10' from the current roadway edge:
215 trees - 13 lost = 202 saved **(94%)**



Surface to replicate exposed aggregate pavement



Pervious sidewalk installation nearby in RiverSmart Washington



Proposed 5' permeable sidewalk near trees

**URBAN FORESTRY ADMINISTRATION
POLICY FOR AVOIDANCE**
DBH" x 5 = AREA NOT TO BE DISTURBED
EXAMPLE: 20" x 5 = 100" (8'-4")

TYPICAL PAVEMENT - EXPOSED AGGREGATE SIDEWALK

The typical sidewalk material for Oregon Avenue will be a DDOT standard exposed aggregate concrete detail. This treatment is commonly used throughout the District where historical or natural sensitivity needs to be considered.



Exposed aggregate concrete is commonly used in National Park Service sites.



Exposed aggregate concrete is commonly used in residential sidewalks in lieu of regular concrete to better blend in with the surrounding natural or built environment.



Exposed aggregate concrete is used throughout the National Mall to blend in with the nearby loose stone walkways and other surrounding areas.