

Lakewood Park Walking Path

Lakewood, OH

Project Type: *Pervious Pavement*

Description: The City of Lakewood installed a portion of the walking path at Lakewood Park with pervious concrete in 2005. Several staff members attended a pervious concrete demonstration at Cleveland State University and wanted to incorporate this material into their walking path. The walking path was cutting through a stand of pine trees and park designers were concerned conventional asphalt would not allow water to reach the roots of the trees.

Size: A 300-foot section of pervious concrete was installed to provide water and air to the roots of the pine trees you see lining both sides of the path. The path has not exhibited any signs of deterioration or failure, and the trees remain quite healthy.



Design: The City of Lakewood Engineering Department contacted the American Concrete Institute to help them design the project. Due to its location, directly on the shore of Lake Erie, this project became a demonstration site for ACI showing the effects of cold weather on pervious concrete. The City hired F. Buddy Construction to complete the work.

Cost: There was no cost difference on this project.

Maintenance: The City of Lakewood is responsible for the maintenance of this walking path. Because of the low level of traffic in this area (e.g. primarily pedestrian), this site has been self-maintaining since its installation.

Application: Ideal for parking lot applications, pedestrian area, sidewalks, walking paths, or other areas of low traffic.

Contact Information: William Corrigan
Acting Division Manager of Engineering
City of Lakewood
(216)529-6805