

Project Profile

Prime Outlets
Williamsburg, VA

Constructed: February – April 2008

Scope of Work:

Expansion of existing high-end retail mall includes 7.5 total acres of pervious concrete and 3.5 acres of conventional concrete parking lot .

Design Factors:

Portion of the pervious concrete covers what was an existing detention pond. 356,000 cubic feet of underground storage system allows for “surface” of detention pond to be used as parking area. Utilization of pervious concrete allowed for 40% additional store front rental space.

Concrete:

Pervious mix with 3/8” aggregate.

Placement:

Vibratory truss screed, steel roller. 7-day moist cure with polyethylene cover.



August, 2008

Update: October, 2010

Owner is 100% satisfied with project. After visiting site, Chesapeake Bay Commission has embraced pervious concrete as favorable approach to assist in minimizing stormwater runoff within the Chesapeake Bay watershed.