



VASTPAVERS.COM

Houston Parks Board

Location: Houston Parks Board Houston, TX	Contractor: Gulf Coast Landscape Services Houston, TX	Project: Parking Area 4,000 Sq Ft	Solution: VAST Composite Permeable Pavers	Completed: 2009
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Permeable Parking Area for the Houston Parks Board



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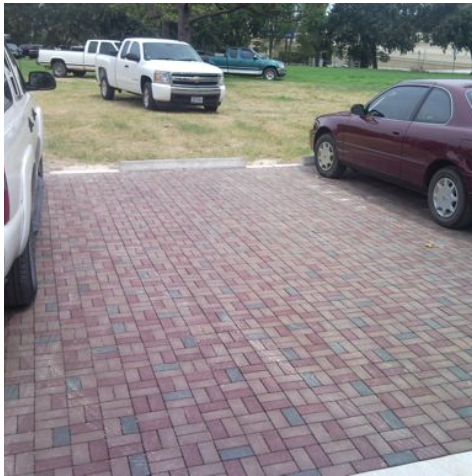
VAST Enterprises, LLC
1828 Marshall St. NE Suite 15A
Minneapolis, MN 55418

The Houston Parks Board is a non-profit organization committed to creating, improving, protecting, and advocating for parkland in Houston, Texas. In keeping with its commitment to environmental stewardship — as well as local regulations requiring detention of runoff from parking lots as an element of regional stormwater management — the Parks Board specified a permeable installation for its re-designed parking area.

Three alternatives were considered: (1) crushed granite; (2) pervious concrete; and (3) permeable pavers.

"We concluded that either concrete permeable pavers or VAST Composite Permeable Pavers were our best option. I recommended VAST because it is a green building material affordable within the project budget," Trent Rondot, Project Manager, Houston Parks Board.

With an independently tested infiltration rate of more than 400 inches per hour (when installed on an open-graded base), VAST Composite Permeable Pavers moderate the volume and velocity of storm water runoff from parking lots, walkways, building entrances, driveways, sidewalks, terraces and patios. They offer the extra advantage of being manufactured in a recycled, green



Impressive Results

“Our staff, board members, Houston Parks and Recreation officials, and landscape architects have stopped by to take a look — everyone is impressed with the result. We will use VAST again.”

Roksan Okan-Vick, AIA
Executive Director
Houston Parks Board

building material: VAST's proprietary composite blend of up to 95 percent recycled car tires and plastic containers.

VAST pavers are stain- and impact-resistant, and contain state-of-the-art UV inhibitors to keep the project looking brilliant for years to come.

Mark Burzynski from Gulf Coast Landscape Services, Inc. explained that the base for VAST was prepared in same way as other permeable installations given the soil conditions on the site. His crew started with six inches of lime mixed into the existing soil to stabilize it. Next came six inches of cement-stabilized sand and then a one-inch layer of sharp sand. The irregular, angular grains of sharp sand are good for drainage.

VAST's patented grid system enabled the crew to set and align pavers quickly. The VAST grids are laid out on the same type of base used for conventional pavers. Installers then insert VAST pavers into the grid, and the pavers are automatically spaced and aligned.

“I was surprised by the result. VAST Composite Pavers have the true appearance of masonry paver bricks,” Mark Burzynski, Gulf Coast Landscape Services, Inc.

VAST Enterprises, LLC

VAST applies its patented technology to transform recycled materials into a new resource for green building: composite masonry. VAST composite products — including landscape pavers, permeable pavers for stormwater management, deck pavers and thin brick — offer an engineered alternative to molded concrete and clay brick. Award-winning VAST pavers are cradle-to-cradle green and deliver rich colors, superior slip resistance and unbeatable strength at one-third the weight of concrete pavers.

Made from 95 Percent Recycled Materials

Using VAST Composite Permeable Pavers, the Houston Parks Board added a parking area that detains runoff — and diverted 2,000 old tires and 60,000 plastic containers from U.S. landfills.



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