



PaveDrain, LLC

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News Release

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FORD MOTOR COMPANY SELECTS THE PAVEDRAIN SYSTEM TO COMPLETE PERMEABLE PARKING LOT SURFACE

Ford Motor Company has a long, distinguished history of innovative solutions in the automobile industry. Their use of a new permeable performance pavement for their Louisville production facility continues this innovative tradition. The PaveDrain® System was chosen as a sustainable stormwater solution for their 1 billion dollar plant renovation for the all new, re-designed 2012 Ford Escape.

Ford recently chose to have the PaveDrain System installed on their \$600 million plant renovation project in Louisville, Kentucky. The PaveDrain System is a revolutionary one of a kind paving surface that accomplishes multiple tasks with one unit; Paving Surface, Stormwater Infiltration and Stormwater Management.

The PaveDrain System is a Permeable Articulating Concrete Block/Mat (P-ACB/M) System that provides an environmental solution for compliance with local regulatory stormwater requirements. The patented arch design of the individual concrete blocks creates an internal storage chamber for stormwater runoff while providing great natural strength for heavy vehicular loads. The PaveDrain System has been AASHTO rated for HS-20 and H-20 truck loading. When combined with an aggregate bedding stone a natural infiltration path that recharges local groundwater while using nature's inherent ability to filter first flush pollutants is created.

PaveDrain, LLC president Doug Buch stated "We are just ecstatic that Ford chose the PaveDrain System for one of their most environmentally minded manufacturing facilities. Ford didn't just go for a cheap permeable solution to their facility. They had a vision to see the long-term benefits associated with minimal maintenance and a long-term investment into this facility."

One of the many benefits of the PaveDrain System is its ability to be manufactured regionally on a block machine to support local economies. The regional PaveDrain manufacturer for the Ford job was Lee Brick and Block out of Bowling Green, Kentucky.

The individual PaveDrain blocks are fabricated into variable sized mats for ease of installation at the site with conventional construction equipment.

Paul Jermanus, Site Superintendent for Iafrate Construction Stated, "Whenever a new product is brought into the market there is always a hint of trepidation. The PaveDrain System looked easy enough, but you just never know until you get into the actual installation. What we quickly found out was that the PaveDrain System is extremely flexible and will adhere to any irregularities within the subgrade. We lost several days due to the fact that the end design was in conflict with the subgrade preparation. Once we came to a consensus and got that resolved we had some days to make up. One of the installation features of the PaveDrain System is that it is unaffected by weather. One of the days we received well over an inch of rain and we barely missed a beat. Once we got a system down of subgrade preparation and mat installation we were easily able to make up the lost days and actually got out in front. We wouldn't hesitate to install another PaveDrain project."

A total of 20 acres of surface area was repaved with traditional asphalt. However, just over 86,000 square feet of the parking stalls was surfaced with the PaveDrain System to handle the stormwater runoff from the parking lot.

For more information on the PaveDrain System, please visit www.pavedrain.com