

# Pervious Concrete: The Environmental Solution

## Shelter Systems – West Minster, Maryland



Pervious concrete is a mixture of coarse aggregate, Portland cement, water and little to no sand. A typical pervious concrete pavement has a 15-25% void structure and allows 3-8 gallons of water per minute to pass through each square foot.

<b>Project:</b>	Wood Truss Systems Manufacturer Parking Lot
<b>Constructed:</b>	2004
<b>Contractor:</b>	Conewago Enterprises
<b>Product:</b>	8 Acres of Pervious Concrete Paving with conventional concrete paving
<b>Cubic Yards Placed:</b>	Approximately 6,000
<b>Thickness:</b>	7" thick placed 6" thick compacted
<b>Base Thickness/Type:</b>	6" – 8" stone base

Pervious concrete pavement was the right choice for Wood Truss Systems. The decision to pave this 8 acre parking lot with pervious concrete was made to eliminate a 1.5 acre water retention pond. Their proposal was accepted by Carroll County, Maryland. The parking lot also includes conventional concrete paving near the tilt-up concrete office building.

*For additional information on this project, contact:*

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