

Omaha Sewer Permeable Pavement Case Study



The Midwest's Most Trusted Site Solutions Provider

Project: City of Omaha Stormwater Treatment System

Location: East of 72nd & "Q" St. Omaha, Nebraska

Application/Solution: Permeable pavement

Market Sector: Municipal

Salesperson: Brian Williams

Owner: City of Omaha

Engineer: Olsson Associates; Paul Woodward, PE
Felsburg, Holt & Ullevig; Dave Lampe, PE

Contractor: Sudbeck Const. Co.

Installed: May 2014

case study

Challenge

Designing a storm water treatment project where the treat system can be monitored.

Solutions

The City received a funding grant as well as assistance from the USGS to design and install a rain garden, porous pavement system called PaveDrain, an under drain structure as well as a USGS supplied and installed water monitoring system.

Results

Nina Cudahy with the City of Omaha said they were happy with the overall project but ended up with mixed results regarding the water monitoring. Part of the water bypasses the monitors making accurate tracking results difficult. She also mentioned the need on future projects to keep the treatment systems such as PaveDrain and the rain garden protected from post construction runoff debris.



1 Excavated area.



2 Walls, gravel base & RS380i.



3 Hand placing block.

Omaha Sewer Permeable Pavement Case Study continued

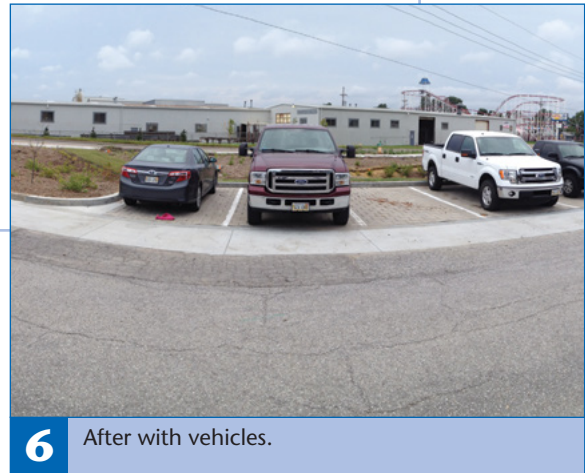


Products

Manufacturers included in solutions and product:

Product: PaveDrain
Manufacturer: PaveDrain, LLC.

Product: Mirafi Rs380i
Manufacturer: TC Mirafi



Company Information

ASP Enterprises, Inc. and Quick Supply Co. For more than three decades, A.S.P. Enterprises and Quick Supply Co. has served the erosion control industry with integrity and expertise. We provide engineers and landscape contractors the exceptional value for their money and have grown to become the Midwest's full-line distributor of erosion-control, geosynthetics, storm water management products, wall block, landscape pavers, and drainage products.

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