

NJ DOT ROUTE 295 IMPROVEMENTS

INTERSTATE 295 NEW JERSEY



Application:	Roadway Edge Drain
AWD Product:	SITEDRAIN Strip Highway Edge Drain - 18"
Quantity:	250,000 LF
Owner:	New Jersey Department of Transportation
Contractor:	Plum Contracting, Pittsburgh, PA
Year Completed:	2010

PROJECT OVERVIEW

America continues to invest billions of dollars annually into maintaining and expanding its highway infrastructure system. Engineers are constantly searching for more efficient and cost effective ways to improve highway design to save money both initially and over the lifespan of the project. Extensive studies have shown that excessive water in highway base materials can cause accelerated deterioration of both flexible and rigid pavement systems.



When the State of New Jersey Department of Transportation (NJDOT) and their project design consultant, RBA Group of Parsippany, NJ, began evaluating highway edge drain options for their Route 295 Improvements project, it quickly became apparent that a prefabricated geocomposite strip drain would be their most efficient and cost effective option. AWD and their sales partner, Contech Construction Products, Inc., worked directly with NJDOT and RBA Group to educate them on the advantages of geocomposite strip drain products versus traditional stone and perforated pipe edge drain systems and the actual selection of the appropriate Edge drain product required to address the specific site conditions.

Prefabricated geocomposite strip drains provide proven, long-term solutions for excessive water buildup in the pavement system by creating a positive and rapid drainage system for water that enters the pavement structure. The result is an efficient, cost-effective design that reduces initial costs as well as long-term maintenance costs.