

# NORTH HURON RD., HWY 23 RESURFACING

ALCONA COUNTY, MI



<b>Application:</b>	Roadway Edge Drain
<b>AWD Product:</b>	SITEDRAIN Strip 6418 (18" Highway Edge Drain)
<b>Quantity:</b>	96,000 LF
<b>Owner / Designer:</b>	Michigan Department of Transportation
<b>Contractor:</b>	LJ Construction, Clifford, MI
<b>Year Completed:</b>	2010

## PROJECT OVERVIEW

When the State of Michigan Department of Transportation (MDOT) began evaluating highway edge drain options as part of their North Huron Rd., U.S. Highway 23 Resurfacing project, it quickly became apparent that a prefabricated geocomposite strip drain would be their most efficient and cost effective option. AWD worked directly with MDOT and the installing contractor to educate them as to the advantages of geocomposite strip drain products versus traditional stone and perforated pipe edge drain systems, and provided them with the technical expertise and product knowledge to help them select the appropriate strip drain product to meet their specific project requirements. Use of SITEDRAIN Strip 6418 also greatly reduced installation time, minimizing traffic impact.

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. SITEDRAIN Strip drain products are constructed with a high strength, high flow, formed and perforated core that is fully wrapped with a nonwoven geotextile filter fabric. The fabric restricts soil particles from entering the core while allowing water or other liquids to freely enter the core and flow to designated drainage exits.

SITEDRAIN Strip drain products are available in a variety of geotextile filter fabrics designed to meet your specific project requirements, including fabrics meeting all three AASHTO M288 survivability classifications for subsurface drainage geotextiles. A complete line of fittings and accessories for transitioning collected water to outlet pipes is available.

