

# SR-101 LANE EXPANSION

MESA / SCOTTSDALE, AZ



<b>Application:</b>	Highway Retaining Wall & Drainage Canal
<b>AWD Product:</b>	SITEDRAIN Sheet 94
<b>Quantity:</b>	140,400 SF (702 Rolls)
<b>Designer:</b>	Kimley-Horn & Associates / ADOT
<b>Contractor:</b>	Pulice Construction
<b>Year Completed:</b>	2015

## PROJECT OVERVIEW

The \$73 million project will widen 11 miles of Loop 101 between Shea Boulevard and Loop 202 (Red Mountain) with the addition of one new lane in each direction. Within that span, there are several bridges that get additional lanes. A second new northbound Loop 101 lane also will be constructed between the Loop 202 interchange and McDowell Road. Other project features include the addition of new merge lanes between interchanges, new lighting and signs, new landscaping (including the use of hundreds of salvaged cacti and other plants), wider freeway bridges and realigned on and off ramps and a new layer of rubberized asphalt.

SITEDRAIN Sheet 94 which is on the A.D.O.T. APL list for qualified products to meet local department of transportation standards is being used extensively. The SITEDRAIN geocomposite drain is providing much needed drainage for the retainer/ sound wall running the length of the freeway. This also includes providing drainage to help avoid erosion for the drainage canal running parallel to the freeway. This in turn helps keep our roadways from flooding from our common monsoon and flash floods. A.W.D. works with many department of transportation authorities throughout the U.S. to help keep America's roadways safe.

