

Major Florida Utility Company Solves Recurring Concrete Problems with ENECRETE DuraFill & DuraQuartz

Some road repairs are very critical to the safe operation of vehicles that ride over them. This very large private utility company, located in Florida, experienced recurring problems with certain types of road repairs - specifically those that required the repair material to bond to the existing concrete road bed as well as to a variety of metal protrusions and asphalt.

Traditional concrete patching materials they had tried in the past simply did not bond well to the old road surfaces or the metal substrates. These patching materials also did not provide the compressive strength or the impact resistance that the utility engineers wanted. Consequently, any repairs that were carried out with these conventional repair products failed relatively quickly, creating safety concerns for the utility.

The Utility Engineers turned to their local ENECON Field Engineering Team who recommended our ENECRETE systems for these applications. **DuraFill** mixed with locally acquired large aggregates was first utilized to fill in the deep holes and then **DuraQuartz** was used to top-off the repair (about 1/2" thick) to provide for an extraordinarily durable road surface.

The utility purchased a few skid-loads of these materials in order to complete a number of such repair projects. These pictures illustrate just a few of them.

