ENECON® NEWS

EC-085

ENECRETE DuraQuartz Light Weight Provides A Simple Solution To A Complex Problem At A Louisiana Public Works Station

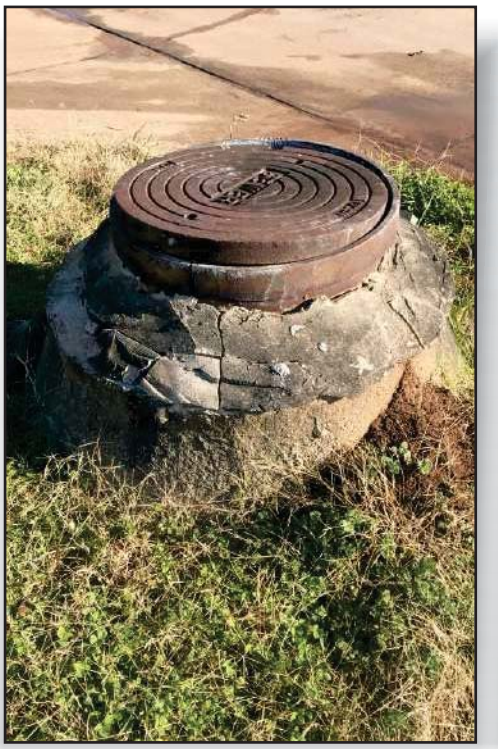
A Louisiana public works station was trying to fix a broken manhole cover base. This base had been hit repeatedly by grass mowing equipment. Not only was the outer support concrete broken, but the cover was knocked off center of the base by the weight/speed of the mowers.

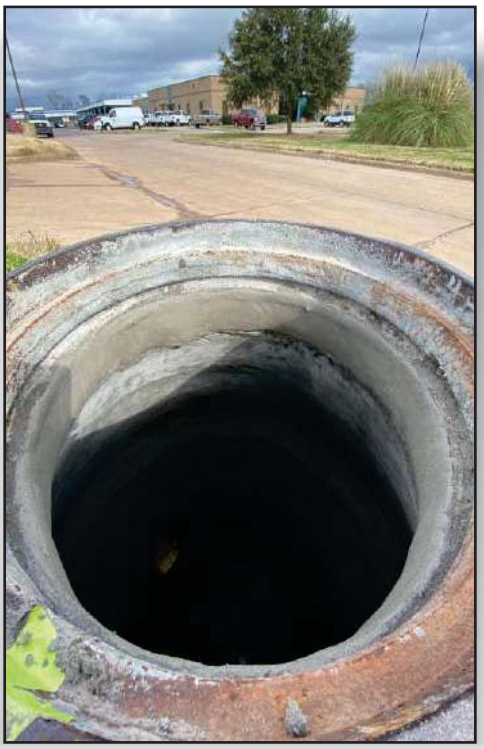
In the past when this customer was faced with this problem, the typical solution was to repair the cover base with a grout based material. The customer quickly realized that this method would fail once the material cured because it doesn't effectively bond to the substrate. This issue quickly became a problem for the maintenance team. The local ENECON Field Engineering Specialist was then contacted to provide a more reliable solution.

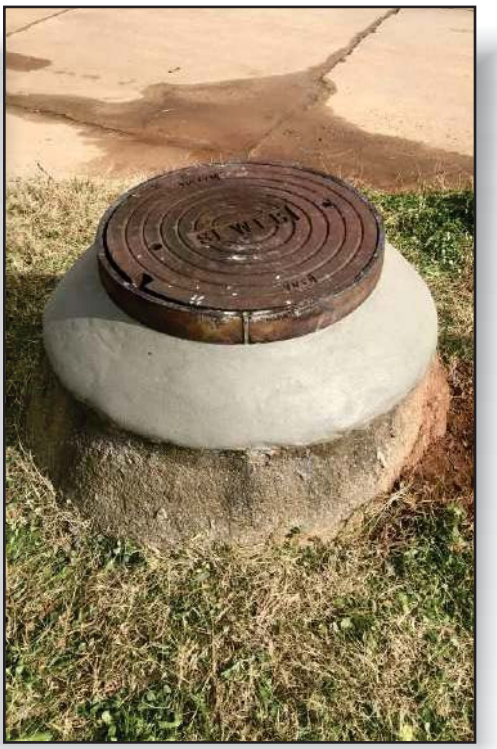
DuraQuartz LightWeight (LW) was recommended as a relatively simple fix to this otherwise reoccurring, complex problem.

The cover and seat rim were removed along with any broken or damaged concrete down to the area just above the ground. Any remaining debris was removed and the area was cleaned. A high-build bed of DuraQuartz LW was laid down on the base and the cover and seat rim were placed on it, properly centered. The inside of cover seat rim was also lined with DuraQuartz LW.

This repair job completed in one day by the onsite maintenance team after consulting training from the ENECON Specialist.







PROENECON SYSTEMS, S.A. · C/ Electricitat, 6. Pol. Ind. La Torre · 08760 - MARTORELL. Barcelona
·Telf: +34 93 211.15.30 · Fax: +34 93.253.11.31
Website: www.proenecon.com · Email: eneconib@proenecon.com

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