

On the Verge of Collapse

Lakeview Estates, a high-end subdivision, sits just outside the city of Searcy in White County, Ark. One county road leads into and out of the small neighborhood.

Underneath that road run nine culverts, designed to mitigate storm water and overflow from the nearby lake. Each of those culverts was rusting and on the verge of collapse.

County officials assumed their only option was to dig up and replace the failing culverts, which would have shut down the sole entry and exit to Lakeview Estates for days. County Judge Michael Lincoln said that would have been a disaster: "People wouldn't be able to get to work or get their kids to school. Crews couldn't respond to emergencies."

Lincoln turned to Snap-Tite representative Scott Brignac, who was able to offer another solution. Snap-Tite technology rehabs failing culverts without the need to remove the deteriorating pipe. The pipe is made from light weight, high-density polyethylene (HDPE).

Five of the nine culverts were oval-shaped corrugated metal pipe (CMP) measuring 29 in. by 42 in. by 40 ft long. Those were relined with 24-in. HDPE Snap-Tite pipe. Two culverts were oval-shaped CMP measuring 20 in. by 28 in. by 50 ft long and were relined with 18-in. round pipe. One

culvert was a 24-in. round 40-ft CMP, which was relined with an 18-in. pipe. The last culvert was a 36-in. round 40-ft CMP that was relined with a 28-in. pipe.

"By rehabbing the culverts, the project cost about a fifth of what it would have been to dig and replace the culverts, and traffic was not interrupted at all during the process, which is invaluable," Lincoln said.

White County saved thousands of dollars, cut repair time and effort, and kept a crucial road open to traffic with pipe that will last for decades.



Snap-Tite
800.285.8378 • www.culvert-rehab.com
Write in 822



SnapTite®

1-800-CULVERT
www.culvert-rehab.com

CULVERT SOLUTIONS

'NO DIG' CULVERT REPAIR AND REHAB

Snap-Tite® is the answer to better culvert repair and rehabilitation no matter how challenging the project. It's become the install option of choice for DOTs, Departments of Public Works and engineers everywhere. It's safer, easier and faster; and costly road closures and traffic disruption are avoided.



It's a 'SNAP'!

Pre-cut sections of machined HDPE pipe (6" to 63" OD) are 'snapped' together and pushed through the length of the existing deteriorated pipe, delivering better flow and a watertight seal at all joints. Larger sizes available – up to 120". Ask your sales rep for more information.

Write in 776