

## County Crew Uses Culvert Lining Pipe for In-house Rehab

**P**ublic works departments increasingly want control over the timeline, cost and quality of projects, and many would rather do the work themselves than put a project out for bid—especially when it can be quickly and efficiently accomplished with on-hand manpower and machines.

For the Madera County (Calif.) Road Department and road commissioner Bradley Phillips, self-sufficiency is a major asset.

Madera County, like many counties around the U.S., has a significant number of aging and failing culverts in need of rehabilitation. Phillips determined that he needed in-house rehab experts to accommodate the increasing volume of failing culverts throughout the county.

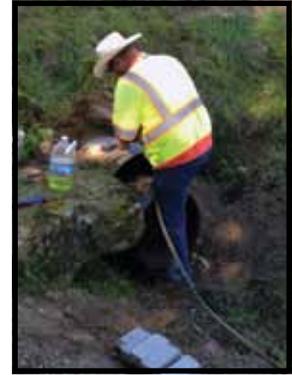
A rusted-out culvert beneath a rural county road offered Phillips the perfect opportunity to train his crew on culvert rehab—and project independence—using Snap-Tite culvert lining pipe.

Rehabilitation of the structure was chosen due to the depth of fill over the culvert, a lack of reasonable traffic revision options, and the wish to develop the slip-lining process as a standard tool for addressing culverts

throughout the county. During the training conducted by Snap-Tite representative Steve Fischer, crews learned to assess the existing structures, the slip-lining process, headwall construction, grout-tube design and placement, grout formulation and the grouting process.

Sliplining with Snap-Tite was an ideal option because the rural roadway had no reasonable alternative bypass, and sliplining allowed a complete rehab of the structure without traffic disruption or delays.

Phillips' crew got hands-on training that will allow them to self-install Snap-Tite on future projects, while the pipe continues to provide value by extending culvert lifespan.



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