

## Quick Access to a Solution



*Exceptionally wide access tunnel design required an additional center slab support provided by Post Shores.*



*An unusually large overall size, very thick walls and overhead slab, site conditions and cold weather combined to make constructing a simple access tunnel into a forming challenge.*

R.L. McCoy, Inc., a highway and bridge construction company based in the Fort Wayne, Indiana area, was contracted to build a 330' long access tunnel with 18" thick walls and an 18" slab overhead. Because the 14' high and 16' wide inside dimensions were much larger than conventional box culverts, Mark McCoy was concerned with properly supporting the center of the overhead forms during construction.

The contractor contacted Symons® by Dayton Superior® for suggestions on forming and support systems, and a meeting to discuss the details of the project with a Steel Form Specialist was arranged.

One option was the Box Culvert Traveler system with the Max-A-Form® concrete forming system for the interior and exterior wall surfaces and a custom header to eliminate a center slab support. Although this plan had several advantages, the price of the custom components made it an unattractive option.

Finally, a plan to use the Box Culvert Traveler components with the Versiform® panels that the contractor already owned for the interior, Max-A-Form panels on the exterior and Steel-Ply® panels as headers supported by a center Post Shore was approved.

John Christiansen arrived on the job site to provide the R.L. McCoy crew with instructions on assembling the 42' traveling sections. Once the system was put together, the forms were cycled every 4 days and the job was successfully completed in five weeks.

**Additional product information is available online at [www.daytonsuperior.com](http://www.daytonsuperior.com). Contact your Dayton Superior representative at 888-977-9600, or send an email to [info@daytonsuperior.com](mailto:info@daytonsuperior.com) if you would like to discuss how these or other innovative systems can make your construction projects more productive.**