

It's no pipe dream:

You *can* find a dependable, experienced company to help you with your corrugated metal pipes! Since we began business in 1911, we've worked on more pipe projects than a plumber: corrugated metal pipes (CMPs) for bridges, tunnels, storm water drainage systems, retention systems, and much more.

Like every structure, corrugated metal pipes need **periodic inspections and maintenance**. We can help you with that work as well as with **new installations**.

For existing pipes, we can:

- Conduct field surveys.
- Perform dimensional analyses.
- Recommend remedial alternatives,
- Semi-quantitatively evaluate the urgency of needed remedial work.
- Prepare engineered designs and construction drawings and specifications for remedial work.
- Provide construction monitoring and testing during the construction work.

For new pipe installations, we can:

- Prepare engineered designs and construction drawings and specifications.
- Provide construction monitoring and testing during the construction work.

We know pipes, and we can help
your pipe
projects run smoothly.

And that's no pipe dream.



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PIPES

Professional, Experienced
Evaluation, Design, and
Construction Monitoring
Services for In-Place and
Installations of Long-Span
Corrugated Pipe Structures



**BOWSER
MORNER**®

Committed to Excellence
Since 1911

Evaluation and Analysis of In-Place Corrugated Metal Pipe Structures:

(We wrote the book!)

Literally. Our manual “Evaluation Procedures for Corrugated Metal Structures,” which was prepared with ODOT and the Federal Highways Administration, was adopted by the funding agencies as the standard evaluation and inspection procedure to be used to assess existing corrugated metal structures.

(The computer program, too!)

The software program MULTSPAN/Soil EVAL was also developed by Bowser-Morner. This program is used to dimensionally analyze and determine the structural integrity of existing corrugated metal structures.

(So it's no surprise: we can do the work!)

Of course, just knowing the technical details and theories of pipes isn't enough. You need on-site, hands-on, in-the-field, rock-solid project experience from a company you can rely on. Our experienced engineers and technicians can provide full-service corrugated metal structure evaluations including detailed field surveys, dimensional analyses, recommendations for remedial alternatives, and construction plans and specifications for remedial work your project may need.



Design and Construction Monitoring Services for Installations of New Pipe Structures:

Evaluating and analyzing corrugated metal pipes already in place are just some of the ways we can help you. We can also provide **engineered designs and construction monitoring and testing** for your new corrugated metal structures.



Our experience with designs and installations of new structures ranges from 12-inch-diameter corrugated metal drainage pipes to structural plate superspan structures with spans of more than 40 feet.

Some of the projects we've worked on are:

- Storm water drainage systems
- Material conveyer tunnels
- Storm water detention and retention pipes
- Vehicle underpasses, for interstates, railroads, and mining haul roads
- Pedestrian tunnels
- Bridge installations and replacements
- Chemical weapons storage structures

The Bottom Line in Pipes:

Wish you knew a reliable, experienced company to evaluate, design, or monitor Corrugated Metal Pipes for your next project?

You do.

For more than 50 years, Bowser-Morner has provided city, county, state, and private entities with quality-driven, comprehensive corrugated metal structure evaluations and designs.

Call us and put our experience to work for you!