

# Laboratory Construction Material Testing

Laboratory testing also is an important part of construction projects, and an integral part of Bowser-Morner. To give our clients reliability and faster turnaround, our multi-accredited Construction Materials and Geotechnical Laboratories conduct tests on such materials as soil; concrete; aggregates; and bituminous, masonry, and many other construction materials.

Our Construction Materials Testing Laboratories actively participate in the American Association of State Highway and Transportation Officials (AASHTO) proficiency testing programs of AMRL (soils, aggregate, and bituminous) and CCRL (cement and concrete). *Bowser-Morner was the first laboratory in the U.S. to receive AASHTO's accreditation for the new international quality standard, ISO/IEC 17025.* This accreditation covers more than 100 test methods for such materials as soil, hot mix asphalt, aggregate, and Portland cement concrete.

We are also approved by the U.S. Army Corps of Engineers for our laboratory services and our field technicians to observe soil work and concrete placement. In addition, Bowser-Morner is prequalified by ODOT to provide Geotechnical Engineering Services and Geotechnical Laboratory Testing Services.

Bowser-Morner is a validated geotechnical testing laboratory with the U.S. Army Corps of Engineers and the American Water Works Association (AWWA). Our laboratory also has been audited on-site by the Ohio Department of Transportation (ODOT) and the Indiana Department of Transportation (INDOT) and is approved to conduct testing for both states.



4518 Taylorsville Road  
Dayton, OH 45424

Dennis Ream, E.T.  
(937) 236-8805, Ext. 206  
dream@bowser-morner.com

1220 Hillsmith Road, Suite K  
Cincinnati, OH 45215

Kevin Savage, Ph.D., R.P.G.  
(513) 771-0254  
ksavage@bowser-morner.com

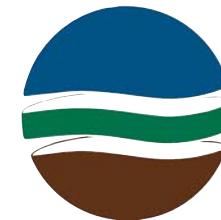
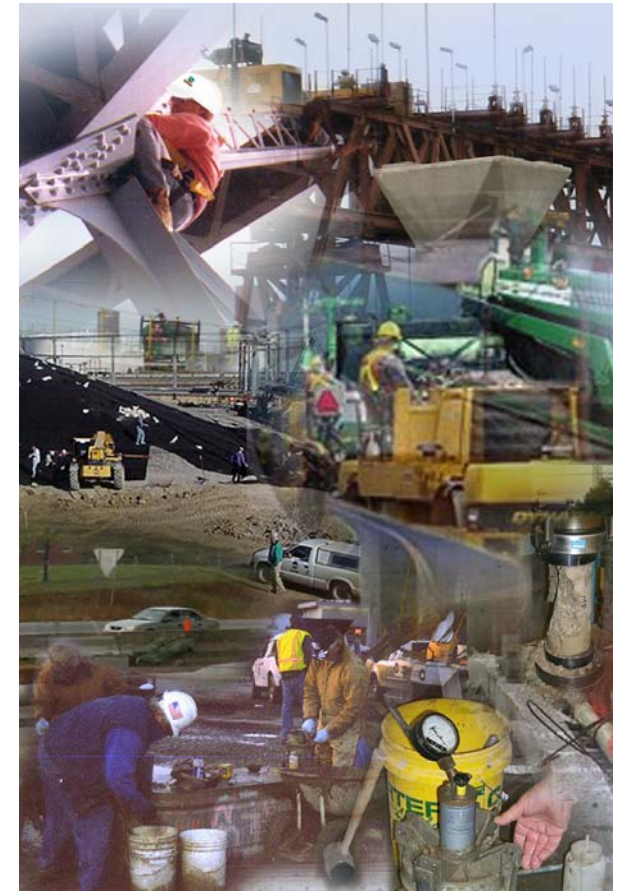
1419 Miami Street  
Toledo, OH 43605

Rick Allen, P.E.  
(419) 691-4800, Ext. 243  
rallen@bowser-morner.com

2416-B Over Drive  
Lexington, KY 40511

Charles Bishop, P.E.  
(859) 233-0250  
cbishop@bowser-morner.com

# Construction Observation and Testing



**BOWSER  
MORNER**®

Committed to Excellence Since 1911

www.bowser-morner.com

# CONSTRUCTION OBSERVATION AND TESTING

After you've selected a construction site, your project has been designed, and your foundation recommendations have been prepared, you're ready for the last, crucial step: construction. Your construction project is a major investment, and we know you want to make sure it's constructed the way you and your design team intended. *That's why quality construction observation services performed by qualified, experienced technicians are so important.*

Our cross-trained field technicians have years of experience and training in construction observation and field testing, from concrete to steel, footers to roofs, and roads to parking lots. Many of these technicians are *certified in their areas of responsibility* from such agencies as the:

- ◆ National Institute for Certification in Engineering Testing (NICET)
- ◆ American Concrete Institute (ACI)
- ◆ Ohio Department of Transportation (ODOT)
- ◆ Indiana Department of Transportation (INDOT)
- ◆ Kentucky Transportation Cabinet

Bowser-Morner construction observation technicians have provided quality monitoring at construction sites throughout the United States for more than 60 years. For larger construction jobs, we can also provide job-site laboratories where much of the construction materials testing can be performed at the project site. *As a result, construction delays are reduced, and deadlines and budgets are protected.*

Our skilled technicians use a sophisticated array of field test equipment to test soil, concrete, asphalt, steel, masonry, and roofing. For accuracy and reliability, our test equipment is maintained and calibrated at set intervals by Bowser-Morner's Quality Assurance Department and is traceable to National Institute of Standards and Technology (NIST) and ASTM standards and requirements.

Our construction observation and testing services are designed to support a wide variety of construction activities including:

- ◆ Commercial buildings and warehouses
- ◆ Manufacturing plant expansions
- ◆ Corrugated metal pipes used as bridges
- ◆ Water and wastewater treatment facilities
- ◆ Landfills
- ◆ Highways and bridges
- ◆ Shopping centers
- ◆ Coal refuse embankments
- ◆ Freshwater dams



For more information on our construction observation services, please visit our web site at [www.bowser-morner.com](http://www.bowser-morner.com); e-mail us at [sales@bowser-morner.com](mailto:sales@bowser-morner.com); or call Dennis Ream at 937-236-8805, Ext. 206 in Dayton, OH; Kevin Savage at 513-771-0254 in Cincinnati, OH; Rick Allen at 419-691-4800, Ext. 243 in Toledo, OH; or Charlie Bishop at 859-233-0250 in Lexington, KY.