

# CONCRETE IN MARYLAND



*Once a former mine site, Southern Hills is located near the prestigious Renditions Golf Course in Davidsonville, MD and boasts luxurious single-family homes with all concrete roads and driveways.*

Concrete is the most used building material in the world for good reasons: Durability, Resiliency, Versatility, Sustainability, and Safety. Industry innovation is constantly changing concrete to be more user friendly. Have you considered the use of concrete for your next project? Learn about the latest innovations, technologies and environmental benefits of concrete. MRMCA has excellent information available for your project team about concrete applications including FREE design assistance. **Let the concrete industry drive success for your next project.**

## **More Information Inside for:**

Environmental Stewardship | Continuing Education | FREE Design Assistance  
Concrete Buildings | Concrete Pavements

The Maryland Ready Mix Concrete Association, Inc.  
**Your resource for concrete information.**



## CONCRETE BUILDINGS

Owners know that energy use over a building's lifecycle is costly; so they demand designers and builders provide excellent energy performance in which concrete is a vital component.

Industry experts are well-informed about concrete's safe, durable and versatile nature. Concrete's modern appearance and environmental efficiency make customers and contractors even more eager to work with this timeless product.

Did you know that using "performance specifications" can allow for innovation in the concrete used for your project?

Concrete is a responsible building material and a wise choice for sustainable development. Learn more about the benefits of concrete for use in your next project.



Owned by Eastern Bay Management Corporation, the Chesapeake Village Center is the first multi-story, multi-use commercial ICF building on the Eastern Shore of Maryland. This project was awarded Emerald Certification by the National Green Building Standard.

### *National Cancer Institute*

*This 332,088 sf project consisted of five individual, three-story tilt-up concrete structures connected via an atrium. The 18 month construction schedule included site clearing and grading to project completion of the shell buildings. The panels ranged from 16' to 64' tall and averaged 17' wide. All 6 elevator shafts and two of the stair towers were designed with tilt panels. A total of 199 concrete tilt wall panels were built for this project.*





## FREE DESIGN ASSISTANCE

Free concrete project design and technical assistance is available through the National Ready Mixed Concrete Association's (NRMCA) Design Center. The Design Center can assist you in choosing the right concrete solution for a wide variety of projects, from multi-family residential or mixed-use structures to schools and health care facilities. NRMCA's expert team of engineers and architects are available to help you select an appropriate concrete system for your next building project.

The NRMCA Design Assistance Program is also available for pavements. You might be surprised to learn about innovative concrete paving alternatives. Your Paving Project Assistance team will walk you through the latest paving design approaches and construction technologies, including CAD jointing plans. Contact the MRMCA for how to take advantage of this FREE design assistance.



### *The Bartley Residence*

*This single family home was built entirely of cast-in-place concrete using removable forms. All the walls and floors were formed and cast with ready mixed concrete. All the floors of the home were stained which eliminated any floor coverings.*



### *Crowd watching placement*

*The annual Maryland Concrete Conference includes numerous professional talks and occasional outside demonstrations like this one where the audience watched and learned how to place a concrete overlay (white topping) of an existing asphalt pavement.*



## CONCRETE PAVEMENTS

When paving a road, street, or parking lot, choosing the right material can make the difference for a successful project. Only concrete offers durability, versatility, long life, low maintenance, and great visual appeal in one economical and environmentally friendly package.

Learn about state-of-the-art paving processes and innovative mix designs that allow concrete pavements to provide the versatility needed to meet any challenge.

The clean, bright look of concrete creates a safe and welcoming first impression to any property. With a diversity of decorative textures, patterns, and colors, concrete delivers curb appeal that leaves a lasting impression for your property.

Understand the benefits of concrete and see why it is the perfect choice for your next paving project.



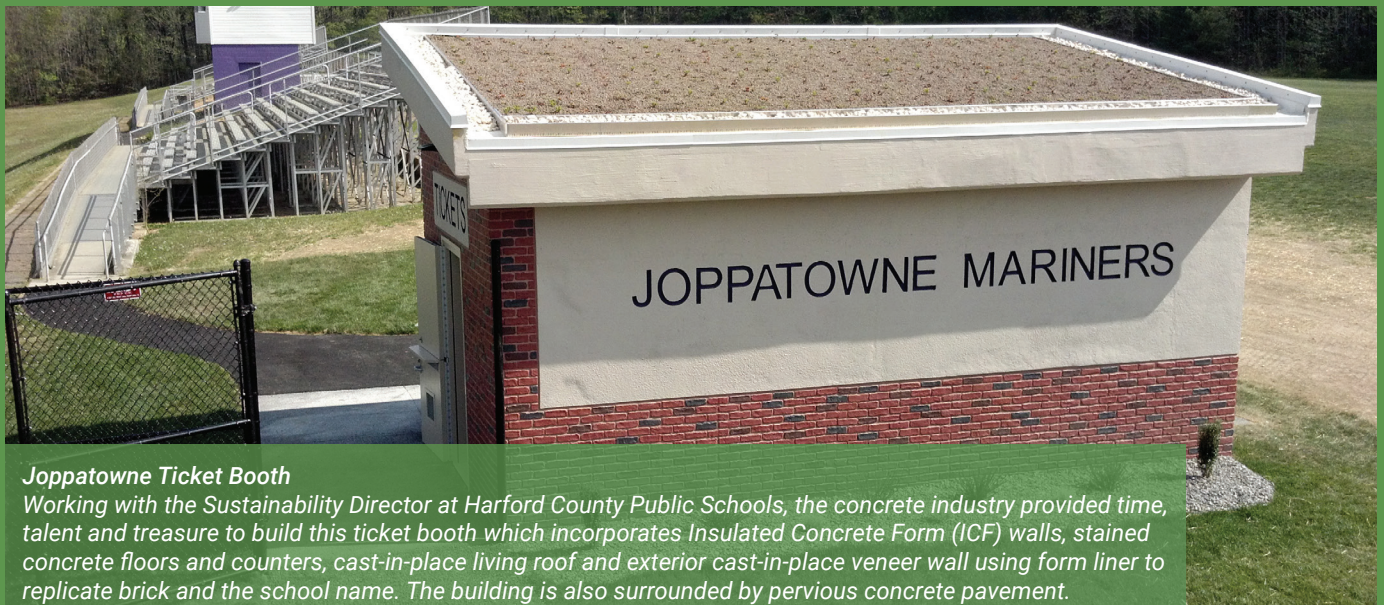
## ENVIRONMENTAL STEWARDSHIP

Did you know that concrete can absorb significant amounts of carbon over its life cycle? Learn about the solutions available today for key strategies to lower the environmental impact of cement/concrete like clinker reduction or carbon capture.

For example, concrete can provide assistance for a “green” project by reducing heat island aspects. The lighter color of concrete helps with energy reductions over its life cycle. Materials for concrete are readily available near jobsites. Local shipping minimizes fuel requirements. Once in place, concrete can offer significant energy savings over the lifetime of a building or pavement.

## CONTINUING EDUCATION

Want to learn more about the benefits of concrete? MRMCA offers professional continuing education. We offer webinars and lunch-n-learn opportunities for Architects, Engineers, Contractors and Owners, including continuing education credits. Contact the MRMCA at **301-694-4899** or visit **[MarylandConcrete.com/resources/continuing-education](https://www.MarylandConcrete.com/resources/continuing-education)** for programs involving concrete innovations and technology.



### **Joppatowne Ticket Booth**

*Working with the Sustainability Director at Harford County Public Schools, the concrete industry provided time, talent and treasure to build this ticket booth which incorporates Insulated Concrete Form (ICF) walls, stained concrete floors and counters, cast-in-place living roof and exterior cast-in-place veneer wall using form liner to replicate brick and the school name. The building is also surrounded by pervious concrete pavement.*



**BUILD WITH STRENGTH**

**AIA**  
**Continuing**  
**Education**  
**Provider**

**PAVE AHEAD**  
DURABLE. SUSTAINABLE. CONCRETE.

## **LOCAL CONTACTS**

MRMCA represents concrete suppliers, contractors and consultants who can assist with your next project. Contact us or visit our website for more information.



**The Maryland Ready Mix Concrete Association, Inc.**  
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