



County Road Association
OF MICHIGAN

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Clare County Road Commission paving a path to sustainability with ultra high-performance concrete

LANSING, MI – The Clare County Road Commission is receiving national attention for its use of ultra-high-performance concrete (UHPC), an innovative bridge material that could drastically extend the life of concrete.

When Dewayne Rogers, managing director of the Clare County Road Commission (CCRC), heard about UHPC at a conference six years ago, it “really sparked” his interest.

“The University of Michigan has done extensive research on UHPC, and the consensus is that it will last a hundred years without ever having to do any kind of maintenance to it,” Rogers explained. “Normal concrete will absorb water, freeze, thaw, get potholes, rust. That doesn’t happen with UHPC.”

By the end of 2023, Rogers said CCRC should have five bridges built with UHPC. “When I see the data and what UHPC can do, I don’t know why more people aren’t using it,” noted Rogers.

Rogers spoke on UHPC at a meeting of the Transportation Research Board in Washington, DC, this past January and has been featured in several national publications recognizing the road commission’s efforts.

To learn more about ultra-high-performance concrete, read the summer issue of *Crossroads* magazine, the quarterly journal of the County Road Association (CRA) of Michigan, which can be viewed digitally or downloaded at micountyroads.org/Crossroads.

The 83 members of the County Road Association of Michigan represent the unified voice for a safe and efficient county transportation infrastructure system in Michigan, including appropriate stewardship of the public’s right-of-way in rural and urban Michigan. Collectively, Michigan’s county road agencies manage 75% of all roads in the state, including 90,000 miles of roads and 5,700 bridges. County road agencies also maintain the state’s highway system in 63 counties. Michigan has the nation’s fourth-largest local road system.

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