

CEMSTONE ADVANTAGE

Ultra High Early Concrete-*RAPID PAVE*™



PROJECT NAME: 2010 Interstate 94 Concrete Pavement Repair

LOCATION: Maple Grove, MN

CONTRACTOR: Interstate Improvements, Inc.

READY MIXED CONCRETE: 24,500 CY *RAPID PAVE*™



- 3,000 psi @ 3 hours
- 10,000 psi @ 28 days

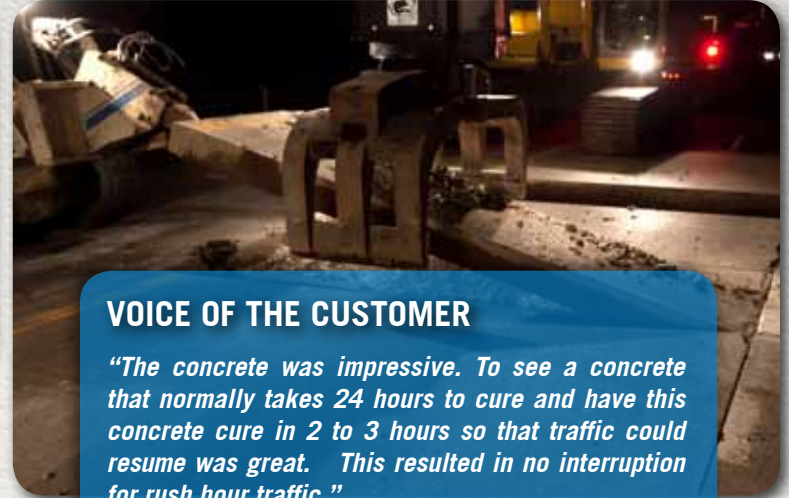
As many communities in Minnesota and Wisconsin are discovering, concrete has the lowest lifetime cost and highest performance of any pavement material and it is the clear economic choice for the roads we drive on every day.

The Highway 194 project in Maple Grove, Minnesota, originally paved in 1960's has 100,000 vehicles travel it per day and consists of 6 lanes. This stretch of interstate highway was performing well with the exception of the joints.

Since this is one of the busiest freeways in the Twin Cities, reconstruction of the pavement was not economically feasible and an overlay would be a costly and short-term fix. Instead, an innovative approach was to remove and replace every joint in both directions. Nearly six miles long and involving nearly 13,000 joints, this project was the largest joint pavement repair project of its kind in Minnesota.

The key goal for the project was to have the lanes open for rush hour traffic and limit lane closures to evening hours when traffic volumes were low. This enabled the contractor to perform the necessary work in a safe manner. To accomplish these goals, Cemstone's ultra high, early concrete sets up very quickly and allows traffic to resume just hours after the concrete is placed.

Whether it's a city engineer contemplating repairs to a main intersection or a highway engineer planning major freeway renovations, *RAPID PAVE* is an economical long-term solution.



VOICE OF THE CUSTOMER

"The concrete was impressive. To see a concrete that normally takes 24 hours to cure and have this concrete cure in 2 to 3 hours so that traffic could resume was great. This resulted in no interruption for rush hour traffic."

- Jerry Monger, Project Manager
Interstate Improvement, Inc.



194 Concrete Repair Project

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2025 Centre Pointe Boulevard • Mendota Heights, MN 55120-1221
1-800-CEMSTONE • 651-688-9292 • cemstone.com