

TECHNICAL REPORT TITLE PAGE

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8. ABSTRACT

In Iowa it is normal procedure to either use partial or full-depth patching to repair deteriorated areas of pavement prior to resurfacing. The Owens/Corning Corporation introduced a repair system to replace the patching process. Their Roadglas repair system was used in this research project on US 30 in Story County. It was installed in 1985 and has been observed annually since that time. There were some construction problems with slippage as the roller crossed the abundant Roadglas binder. It appears the Roadglas system has helped to control reflective cracking in the research areas.

Since the time when this project was completed it has been reported that Owens/Corning has discontinued production of the Roadglas system.

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EVALUATION

It appears, by visual evaluation, that the Roadglas system has performed well with less cracking than the control sections that were patched prior to overlay. There were some construction problems but the project turned out well.

CONCLUSION

The Owens/Corning Roadglas system did keep reflective cracking to a minimum. These areas have been maintenance free since construction in 1985. The Roadglas system provided better performance than the full-depth patching on this project.

It has been reported that Owens/Corning has discontinued production of the Roadglas system since the construction of this project.