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15. Abstract			
<p><u>Purpose and Need</u> The North Dakota Department of Transportation is always looking to improve driving conditions on state roadways for the public. Snow and ice on bridge decks and pavement surfaces can lead to hazardous driving conditions.</p> <p><u>Objective</u> The objective of this research is to evaluate the effectiveness of both overlay systems in reducing crash statistics. The research will observe the deicing capabilities of the SafeLane™ product. The durability of both products will be evaluated, with a focus on their ability to resist snow plow damage.</p> <p><u>Scope</u> Highway safety projects SHE-7-002(081)018 and SHE-1-094(114)154 will include experimental features to evaluate the performance of the SafeLane™ product. The projects are scheduled for construction during the summer of 2008. The manufacturer estimates construction will be completed in three to five days.</p> <p><u>Summary</u> Two SafeLane™ epoxy overlay projects were constructed during the 2008 construction season. Both projects were installed by private contractors through a competitive bid process. The contractors were sublicensed through the SafeLane™ manufacturer, Cargill Inc. One project was constructed near Mandan and the other near Williston. Materials and Research were present during both installations. Both crews were new to the SafeLane™ process. They were both able to be proficient with the process in a short time. One FLEXOGRID™ overlay was installed near Fargo during the 2009 construction season. The manufacturer had representatives present and also performed the installation with help from the general contractor.</p>			
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