Discussion of the Iowa Department of Transportation’s Linear Referencing System

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ABSTRACT

The Iowa Department of Transportation (Iowa DOT) and its business partners have been working over five years to implement a version of the NCHRP 20-27 model using Intergraph’s GeoMedia Professional, Bentley’s LDMX, and Oracle. In spring 2006, version 1.0 of Iowa’s Linear Referencing System (LRS) was successfully implemented.

This presentation will discuss the successes and challenges of Iowa’s LRS implementation. The presenters will also review the technical architecture and describe how Iowa’s LRS system will be maintained by the Iowa DOT.

Key words: Iowa—linear referencing system