

### 5.1.3

#### Overcoming Challenges for Field-Based Asset Management

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Iowa DOT is currently engaged in research to streamline field inventory/inspection of highway assets while maximizing the use of new technologies. Currently field staff uses disparate methods for collecting and managing culvert inspection information as well as other assets. Often information is gathered using paper documents and redundant data entry. There lacks protocol within districts for how location information is collected and stored making it problematic to consistently map information using GIS or CAD software. It is difficult or impossible to use existing data in an enterprise spatial system to answer asset management questions. We will present what we are learning from the research project and how it can tie into an enterprise asset management system.