

4.4.2

Integrating cultural resources and GIS into transportation planning

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Integrating modern GIS in transportation for the management of Cultural Resources provides limitless opportunities for project planning and site management. On a statewide level, the University of Iowa-Office of the State Archaeologist (OSA) and Iowa DOT have partnered in a statewide data hosting and data sharing for web access to archaeological site data. This partnership has benefited both Iowa DOT and OSA by capitalizing on strengths of both organizations. Specifically data to the Iowa DOT has enabled resource specific desktop management never before available without field data. This presentation will describe statewide partnership and data sharing as well as resource specific project planning in transportation.