

### 6.3.2

## AHTD's LRS Crash Location Tool and Utilizing Incident Analyst for Crash Event Analysis

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The Arkansas State Highway and Transportation Dept. (AHTD) has created a Crash Location Tool utilizing the Department's Linear Referencing System, Intergraph's GeoMedia /Transportation software and Google Earth. The tool provides a convenient way for law enforcement across the state to enter log mile locations and roadway information when recording crash information. The simple methodology and easy to use Google Earth format will make our crash location database more accurate and our safety analysis more precise as the crash event locations become more exact. In conjunction with the new Crash Location Tool, the AHTD is also using Intergraph's Incident Analyst within GeoMedia to locate crash event Hot Spots/Crash Densities, Repeat Incident locations and producing finished maps and graphs that can provide a quick, complete visual aid of the tabular crash data.