Abstract

Inspector: Using GIS/GPS/Digital Photography for Asset Management in Public Works
Track: State and Local Government
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Some of the most persistent questions for a Public Works Director are: Where are the worst streets, alleys, water lines, and sewer lines? How soon will they be repaired? How much will it cost? Can we apply economies of scale to the construction? The City of Richardson, Texas has developed a methodology for assessing its infrastructure assets. This methodology provides for the analysis of a single critical map layer or the combination of two or more layers to identify the worst of both and thus provide economies of scale. This methodology provides decision makers with information valuable to the scheduling and prioritization of construction projects.

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