Abstract

Real-time traffic information for all major roadways in an urban area is one of the most important pieces of information necessary to produce a dynamic route guidance system. Recent GIS development has included many new capabilities for traffic engineering applications. This paper describes work using the latest GIS technology along with advanced traffic analysis and simulation models to produce real-time traffic information. The overall experience has been that GIS has provided great benefit for all phases of development and that new GIS technology has made the presentation and dissemination of real-time traffic information easier and more effective than ever before.

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