

## Geography Matters to Transportation

In the transportation industry geographic analysis is the key to making better decisions. Whether monitoring rail systems and road conditions, finding the best way to deliver goods and services, tracking fleet vehicles, or maintaining transportation networks, understanding these issues from a geographic perspective is crucial to deploying or spending resources wisely.



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## Geographic Information Systems (GIS)

GIS technology serves three distinct transportation needs: infrastructure management, fleet and logistics management, and transit management. Transportation professionals can use GIS to integrate mapping analysis into decision support for network planning and analysis, vehicle tracking and routing, asset management, inventory tracking, route planning and analysis, and everything in between.

Learn more about why Highway managers use GIS. [Visit](#) this educational page from the New Brunswick DOT.

## **Focus on Asset Management and GASB34**

GIS offers an excellent way to provide visualization and decision support for [asset management](#) by creating an automated link to financial/capital information systems, ERP and other work order related systems.

## **GIS by ESRI**

ESRI offers a complete range of GIS solutions from enterprisewide, server-based technology to desktop display and query tools for viewing GIS data on the job. ESRI is the industry leader across all segments of the transportation industry and the world leader in providing GIS software. As a full-service company, ESRI also has an in-house staff of consultants and developers who are constantly engaged in transportation projects, supporting a variety of transportation modes and disciplines.