

Applications of Enterprise GIS in Transportation (AEGIST)



U.S. Department of Transportation
Federal Highway Administration

Advancing transportation with data modeling, integration, and analytics.

Why AEGIST

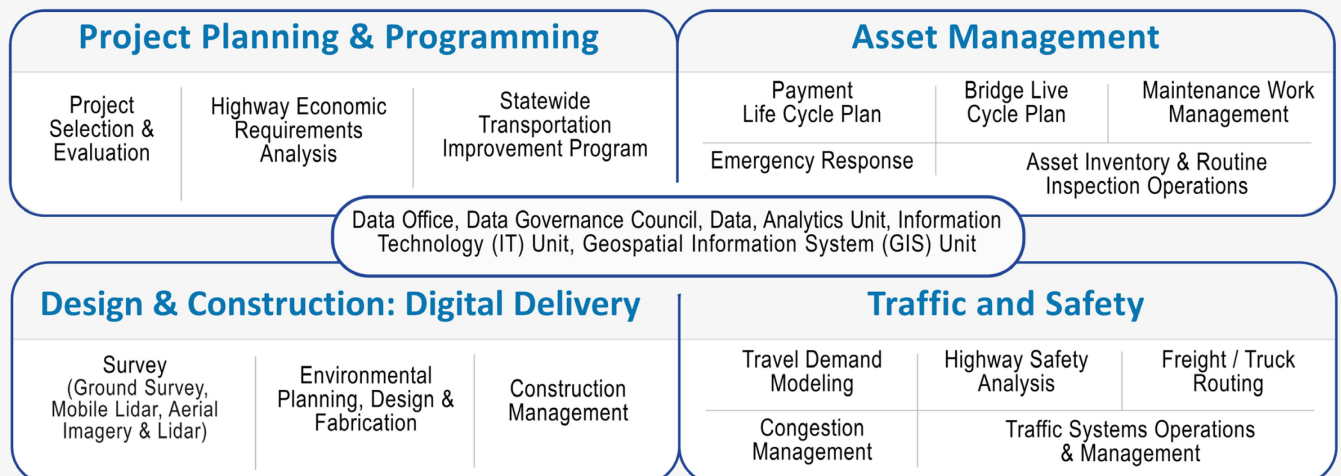
Transportation agencies are taking a more integrated approach to data management. Adopting such an approach requires data management policies and standards that address how data is created within various systems, the quality and accuracy of data generated, and how the data from different systems is integrated and utilized for business

decisions across multiple departments, both within and outside the organization. AEGIST is looking at geospatial enhanced data management through the following lens:

- Data and Standards
- Policies and Processes
- Tools and Technology
- People and Skills

AEGIST enables State and Local transportation agencies by helping them create and integrate spatial transportation data in a consistent and systematic manner for use in transportation systems and business processes. Agencies can utilize AEGIST to ensure that their data is governed, quality, accurate, reliable, complete, standards-based, temporal and topologically connected. Preparing and provisioning such data to decision support systems would allow transportation decision makers to achieve the following goals.

Enabling Data Offices/Councils & Geospatial Information System Units at State DOTs to meet Agency Performance Goals and Objectives of Business Units at their Agencies



Source: AEGIST Interim report

