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Florida Department of Transportation

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POLICY

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Office: Transportation Technology
Topic No. 000-010-002-b

GEOGRAPHIC INFORMATION SYSTEMS

A Geographic Information System (GIS) is a computer based system for capturing, storing, integrating, manipulating, analyzing and displaying data related to positions on the Earth's surface (Department of State, ***Electronic Recordkeeping Rule, Rule No: 1B-26.003 Florida Administrative Code***). GIS technology supports graphical analysis of geo-referenced data and enhances the quality of the Department's information assets.

It is the policy of the Department of Transportation (Department) that its investment in GIS technology be leveraged in a cost effective manner to provide enhanced support for business functions, maximize decision support mechanisms, increase productivity, and improve overall communication with Department employees, partners and citizens. To accomplish these goals, the Department created a GIS Office within the Transportation Technology, Civil Integrated Management (CIM) Business Area, which governs all GIS efforts across the Department.The use of GIS technology will be aligned with the Department's goals and objectives and in compliance with procedures and standards.

Management support is important for accomplishing strategic goals and objectives. GIS will be managed as an enterprise technology under the direction of the Civil Integrated Management Officer. The roles and responsibilities of the GIS Manager, GIS Supervisors, GIS Coordinators and multiple Key Administrators will be outlined in Chapter 22 of the Transportation Technology Manual. When applicable, all parties responsible for GIS in their Office, District and/or Administration Role will recommend appropriate standards and best practices be included in Chapter 22 to enable the Department to produce GIS products in a consistent and standardized manner.

Reliable, Organized, Accurate Data Sharing (ROADS) governance and procedures will be followed during the implementation of GIS data, services and applications. Tools to assure all governance requirements are met include Information Resources Requests (IRR), Automated Access Request Forms (AARF), Technology Proposal Process and Enterprise Data Management Tools. New governance tools that are introduced between GIS Policy updates must be included in Chapter 22 of the Transportation Technology Manual.

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Kevin J. Thibault, P.E.
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