

How does Georgia DOT evaluate its progress?



GDOT uses Performance Measures as a management tool to evaluate how well GDOT meets its goals and objectives. This information is shared with the public through the GDOT Dashboard. The GDOT Dashboard contains scorecards which help GDOT evaluate its programs and modify its decisions. Monitoring provides clear accountability and feedback and will bring us closer to achieving our goals.

Photo: Colliseum Drive Macon, GA



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TAM is an evolving process and changes will not occur overnight. Georgia DOT has made a significant step in setting the direction to efficiently and effectively protect Georgia's transportation assets and the future of our transportation system. For more information, visit www.dot.ga.gov/IS/tam or contact the Office of Performance-Based Management and Research (OPMR), 404.631.1743.

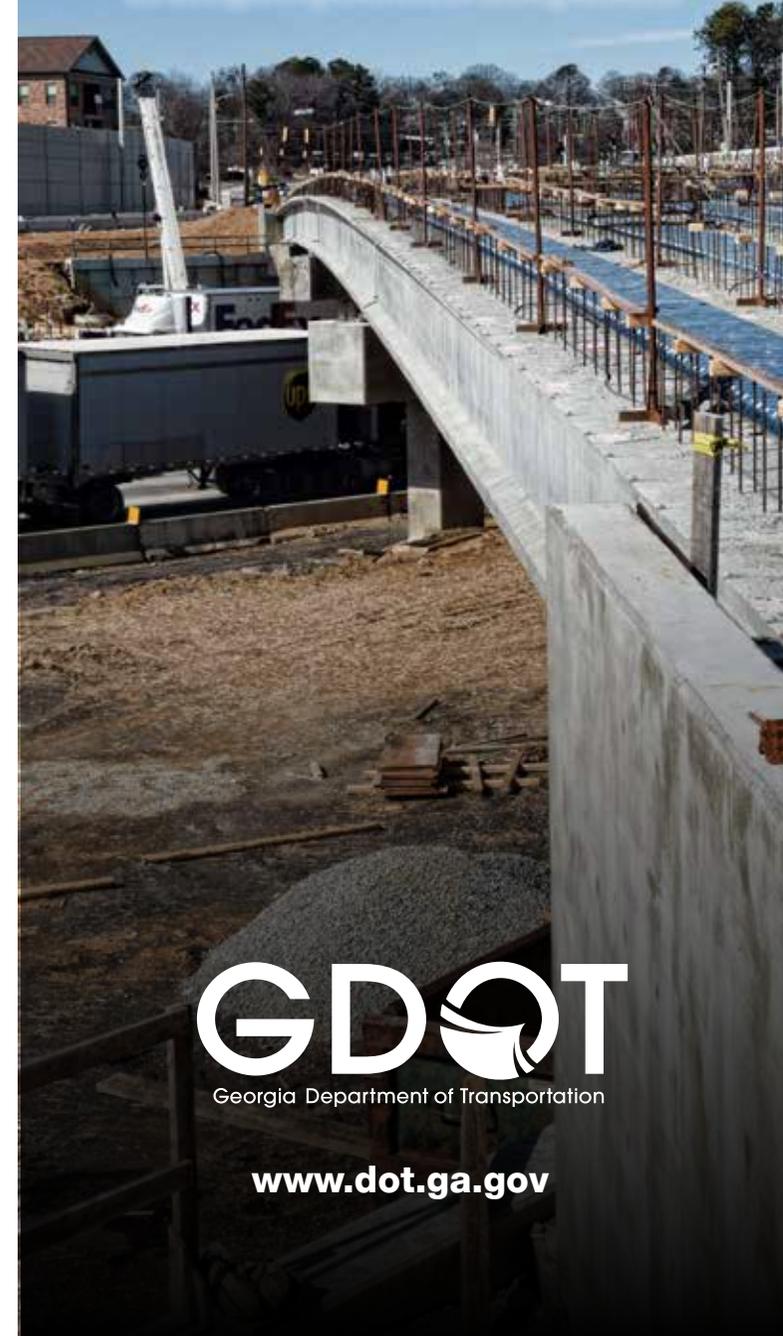


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Cover photo: Atlanta Road I-285 Bridge

TAM

Transportation Asset Management
at Georgia Department of Transportation



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Systematic preventative maintenance extends asset life, improves quality, and saves money.

What is TAM?

Transportation Asset Management is a strategic and systematic process of operating, maintaining, upgrading and expanding physical assets effectively throughout the lifecycle. It focuses on business and engineering practices for resource allocation and utilization with the objective of better decision making based on quality information and well defined objectives.*

*This definition was developed by the AASHTO Subcommittee on Asset Management in January 2006.

The Core Principles of Transportation Asset Management

- **Policy driven**
- **Performance-based**
- **Analysis of options and tradeoffs**
- **Data-Driven decision making**

Adapted from NCHRP Report 551, Performance Measures and Targets for Transportation Asset Management, Vol. I, Research Report, 2006, p. ii.

Maintenance goes unnoticed until needed

Constrained funding can defer routine maintenance, which may result in major asset deterioration and the need for costly replacement. The TAM approach to maintenance considers not only historical and current data but also the risk of asset failure. TAM looks at the big picture and allows program results to guide decisions. Managing existing assets is different from capacity expansion and new construction projects. TAM sustains infrastructure by monitoring existing assets and prioritizing maintenance and preservation, thereby, anticipating and acting on problems before they occur rather than after they happen. TAM is not a fix for emergencies, but it helps prevent them by prolonging asset life.

As the department's TAM process evolves to ensure efficiency and effectiveness, protecting both Georgia's pavement and bridge assets and the future of transportation is a priority for maintaining Georgians quality of life.

Transportation Asset Management at Georgia DOT

Sustaining our infrastructure through asset preservation is at the core of TAM which focuses on **Life-Cycle Management**. It looks at an asset over its life span and applies preservation treatments to prolong it.

The National Highway System is a significant component of Georgia's transportation system comprised of approximately 7,200 miles of roadway within the state. It includes interstates, state routes and local roads with approximately 4,300 structures of bridges and bridge culverts.

Roadways and bridges are critical to Georgia's transportation system. Regular monitoring and preventative maintenance enables GDOT to catch issues early and to determine appropriate treatments to extend an asset's life. Maintaining the department's assets also help to enhance safety and ultimately saves money. It's about the right investment, in the right asset, at the right time.

TAM

TAM at Georgia DOT

Transportation Asset Management (TAM) is Georgia DOT's data-based approach to preserving Georgia's transportation assets and sustaining our infrastructure.

Photo: Courtland Street Bridge Project