

Georgia Department
of Transportation
Office of Strategic Communications
One Georgia Center
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YouTube



2018 - Georgia Department of Transportation - Office of Strategic Communications

Based on information available as of December 2017

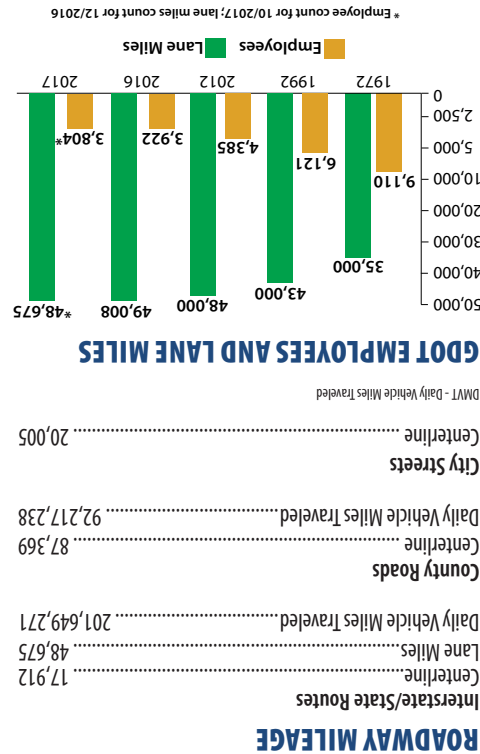
COST OF BUILDING & OPERATING A TRANSPORTATION SYSTEM

Construct 1 lane mile (no R/W)	Rural.....\$1.9M
Urban.....\$2.4M	
Construct Diamond Interchange (no R/W)	Rural.....\$25M
Urban.....\$33M	
Resurface 1 lane mile	Interstate.....\$300,000
State Route.....\$125,000	
FY 17 Resurfacing (Contracted & GDOT Forces)	State Routes – 1,300 miles value.....\$296M
Interstates – 629 lane miles value.....\$106M	
Mowing.....\$40M	

2018 REFERENCE GUIDE

Georgia Department of Transportation

www.dot.ga.gov



ABOUT GEORGIA DOT

GEORGIA DOT'S LEADERSHIP

Commissioner, Russell R. McMurry, P.E.....	404-631-1005
Deputy Commissioner, Mike Dover, P.E.....	404-631-1021
Chief Engineer, Meg Pirkle, P.E.....	404-631-1004
Treasurer, Angela Whitworth.....	404-631-1290
Planning Director, Jay Roberts.....	404-631-1802
Government Liaison, Josh Waller.....	404-631-1007
Strategic Communications Director, Scott Higley.....	404-347-0543
Procurement Office Head, Treasury Young.....	404-631-1435
Information Technology CIO, Jeffrey A. Hill.....	404-631-1590

DISTRICT ENGINEERS

District 1/Northeast GA, Brent Cook.....	770-531-5723
District 2/East Central GA, Jimmy Smith.....	478-552-4600
District 3/West Central GA, Michael Presley.....	706-646-6900
District 4/Southwest GA, Ritchie Swindell.....	229-386-3280
District 5/Southeast GA, Brad W. Saxon.....	912-427-5711
District 6/Northwest GA, DeWayne Comer.....	770-387-3602
District 7/Metro Atlanta, Kathy Zahul.....	770-216-3811

CUSTOMER SERVICE

Customer Service Center.....	404-631-1990
Questions and/or comments.....	dot.ga.gov
Access & Permits.....	dot.ga.gov
Outdoor Advertising Permits.....	404-631-1392
Oversize Truck Permits.....	404-635-8176 / 888-262-8306
Crash Data & Reports.....	404-635-2823
Roadside Memorials.....	404-631-1933
Call a HERO or CHAMP for roadside assistance.....	

ROADWAY STATISTICS

ROADS	
HOW GEORGIA RANKS	
American Society of Civil Engineers	D
National Roadway rating	C-
Georgia Roadway rating	
CONGESTION	
TTI (US Rank, Delay)	12
INRIX (World Rank, Hours in Congestion)	9
Tom Tom (World Rank, % Congested)	104
The Reason Foundation (2016)	21
Aggregate measure of overall highway performance, cost effectiveness and pavement condition.	
BRIDGES	
ASCE – deficient bridges	16%/ 9th

Rankings based on #1 being the worst.

FUNDING, BUDGET & DEBT SERVICE

FUND SOURCE (FY 2018)

Federal funding.....	\$1.6B*
Motor fuel.....	\$1.798B
General funds.....	\$217M**

*Federal funding reflects multiple years' obligation authority.

The appropriations bill reflects a federal estimate based on annual expenditures.

**General funds include HB170 fees of \$191M

BUDGET (MOTOR FUEL & HB170 FEES)

Capital Projects.....	\$937M
General Operations.....	\$205M
Routine Maintenance.....	\$448M
LMIG.....	\$180M

DEBT SERVICE

Payments to SRTA.....	\$111.7M
GO Bond Debt Service.....	\$115.6M



BRIDGES

- **Total Number** 14,740
- **State Owned** 6,729
- **Local Owned** 8,011
- 99% of state owned bridges are in fair to excellent condition
- 1% of state owned bridges are structurally deficient
- 9% of state owned bridges are functionally obsolete
- **Average age of bridges:** Georgia 43 years; National* 43 years
- **Design Life:** 50 years
- **ASCE report rating:** C (Nationally* C+)
- **8,800** inspections annually (FY 17)

*ASCE numbers verified from 2017 report

INTERMODAL

(FY 2017)

- **Total transit dollars** (contracts executed) \$58.00M
- Federal \$31.06M
- State \$ 3.00M
- Local \$23.40M

OPERATIONS

- **Highway Emergency Response Operators (HERO):** 110 operators cover over 400 centerline miles in metro Atlanta 24 hours daily. 11 minutes average dispatched emergency response.
- **Coordinated Highway Assistance & Maintenance Program (CHAMP):** Assists motorists on interstates statewide, operate 17 routes of appx. 50 miles daily outside metro Atlanta. The program fully launched as of May 2017 with over 45,000 assists.
- **Wildflower Program:** Planted 2,800 acres of wildflowers since 1999. Over 3.6M daffodil bulbs planted since 2007.

ADDRESSING CONGESTION: Freight Mobility

Construction will occur on **20 Freight Network corridors** in the next 10 years (2018-2028)

- **Construction of approximately 528 miles to include but not limited to:**
 - **19** miles of bridges
 - **43** miles of interchange work (includes grade separation projects)
 - **27** miles of managed lanes (includes Northwest Corridor)
 - **23** miles of new construction (includes bypass projects)
 - **258** miles of widening
 - **14** miles of miscellaneous improvements (includes intersection improvement and minor widening and resurfacing projects)

Total of **130** projects

Approx. **\$7.1B** investment in construction of the freight network

TRANSPORTATION INVESTMENT ACT (TIA)

A 10-year one cent sales tax on purchases began Jan.1, 2013

Total Projects: **871**

- TIA regions: Central Savannah River Area, Heart of Georgia Altamaha and River Valley
- Revenue collections split: 75% to regional projects; 25% to local jurisdictions for discretionary transportation related items
- Projects let to construction 65 (10/2017)
- Total projects completed since 2012 417 (10/2017)
- TIA collections since 2012 \$647.3M (08/2017)
- Paid to vendors in \$290.6M (10/2017)

LOCAL MAINTENANCE IMPROVEMENT GRANT (LMIG) & QUICK RESPONSE (QR) PROJECTS

(FY 2017)

The LMIG program offers local governments greater flexibility and quicker project delivery while allowing GDOT to effectively administer the program with a reduced workforce and new funding match requirements. The QR program helps to quickly identify, approve and construct small traffic operations safety projects up to \$200,000 on the state system; and is funded by state motor fuel funds.

- LMIG funding (budgeted) \$173.9M
- QR funding (for more than 154 projects) \$ 20.6M

ADDRESSING CONGESTION: People Mobility

Major Mobility Investment Program (MMIP):

Initially, 11 transportation projects will create additional capacity; improve the movement of freight; provide operational improvements and efficiencies; enhance safety and decrease travel times.

At A Glance: Here are a few of the projects currently underway.

I-285/I-20 East Interchange

- Ramp reconstruction and Collector-Distributor lanes construction between Wesley Chapel and I-285 interchange, and a westbound auxiliary lane between Lithonia Industrial Boulevard and Panola Road.
- Est. Cost: \$475M
- Procurement: General Engineering Consultant selected
- Est. construction start: 2022

I-285/I-20 West Interchange

- Adds increased capacity along I-20 eastbound and a westbound Collector-Distributor lane from I-285 interchange to Fulton Industrial Boulevard.
- Est. Cost: \$709M
- Procurement: GEC Advertisement in Jan. 2018
- Est. construction start: 2023

Additional Mobility Commuter Access (Not MMIP)

- **5** miles of movable barriers on Interstate 20

All information is preliminary and subject to change

ADDRESSING SAFETY

Investment Levels (FY 2017)

- **Cable Guardrail Barrier** \$22.6M
Cable Barriers mitigate high-speed median crossover crashes that occur on our rural interstate highways.
- **Off System Safety Improvements** (Federal and State)..... \$19.4M
Off System Safety Program identifies, develops and delivers safety programs and products to local governments and other stakeholders to improve safety on local and high-risk rural roads.
 - State \$12.8M
 - Federal \$ 6.6M
- **Roundabout Intersection** Traffic Control \$29.2M*
Most roundabouts REDUCE the types of crashes where people are seriously hurt or killed by 78-82% when compared to conventional stop-controlled and signalized intersections, per the AASHTO Highway Safety Manual.
- **Sidewalk Safety and Access** (13 projects) \$2.1M*
Includes pedestrian and bike safety programs and projects.
- **Highway Safety Improvement Program** \$103.8M
- **Future Safety Investment** (FY 18) \$126.7M

* Total spending on PE and construction to convert conventional intersections to roundabouts

ADDRESSING MAINTENANCE NEEDS

Transportation Funding Act (TFA) of 2015 provides an estimated \$830 million to \$1 billion of annual, sustainable funding that improve and maintain Georgia's critical infrastructure. .

- Provides for sustainable 15-year capital maintenance cycle with preventative maintenance in between.
- Provides flexibility between state and federal funding.

FY 17:

- Invested \$106M for 109 miles of interstate maintenance and resurfacing.
- Invested \$296M for 1,300 miles of state route resurfacing.

In FY 18, the TFA will:

- \$447M in routine maintenance, resulting in resurfacing 2,000 miles of roadway.
- \$301M to replace and rehabilitate bridges.

