COST OF BUILDING & OPERATING A TRANSPORTATION SYSTEM

Construct 1 lane mile (no R/W)

Construct Diamond Interchange (no R/W)

Resurface 1 lane mile

State Route

FY 17 Resurfacing (Contracted & GDOT Forces)

Interstates – 629 lane miles value

Mowing

DMVT - Daily Vehicle Miles Traveled

lm...
**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 (National)* C+
- 8,800 inspections annually (FY 17)

*ASCE numbers verified from 2017 report

**INTERMODAL**
(FY 2017)
- Total transit dollars (contracts executed) $38.00M
  - 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 apps. 50 miles daily outside metro Atlanta. The program fully launched as of May 2017 with over 45,000 assists.


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**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 ..................... $467.3M (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.

**ADDRESSING CONGESTION:** People Mobility
I-285/20 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: $570M
  - Procurement: General Engineering Consultant selected
  - Est. construction start: 2022

I-285/20 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: $570M
  - Procurement: GEC Advertisement in Jan. 2018
  - Est. construction start: 2023

**ADDRESSING CONGESTION:** People Mobility
I-285 Westside Express Lane
- One new express lane in each direction between I-20 and I-75 in Fulton County.
  - Expected 3% reduction in delay
  - Est. Cost: $655M
  - Procurement: GEC Advertisement in Jan. 2018
  - Est. construction start: 2023

I-285 Eastside Express Lanes
- One new express lane in each direction between I-20 and I-85 in DeKalb County.
  - Est. Cost: $580M
  - Procurement: GEC selected
  - Est. construction start: 2022

SR 400 Express Lanes
- Two express lanes in each direction from I-285 to McGinnis Ferry Road.
  - Est. Cost: $1.1B
  - Procurement: Existing GEC completing work; new GEC selected
  - Est. construction start: 2023

**ADDRESSING CONGESTION:** People Mobility
I-285 Top End Express Lanes
- Two new express lanes in each direction between I-75 and I-85.
  - Expected 6% reduction in delay
  - Est. Cost: $4.2B
  - Procurement: GEC advertised in Oct. 2017
  - Est. construction start: 2024

**ADDRESSING MAINTENANCE 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

**ADDRESSING MAINTENANCE SAFETY**
Transportation Funding Act (TIA) of 2015 provides an estimated $630 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:
- 1 Mile 106M for 109 miles of interstate maintenance and resurfacing.
- 1 Mile $296M for 1,300 miles of state route resurfacing.

In FY 18, the TIA will:
- $474M in routine maintenance, resulting in resurfacing 2,000 miles of roadway.
- $301M to replace and rehabilitate bridges.

**ADDRESSING CONGESTION:** People Mobility
I-85 North Widening from Hamilton Mill Road to SR 53
- New general-purpose lane from Hamilton Mill to SR 53.
- 56% reduction in delay
- Est. Cost: $350M
- Procurement: Apparent best proposer selected
- Est. construction start: 2018

I-85 North Widening from SR 211 to U.S. 129
- New general-purpose lane from SR 211 to US 129.
- 69% reduction in delay
- Est. Cost: $695M
- Procurement: GEC advertised in late 2022
- Est. construction start: 2025

I-75 Commercial Vehicle Lanes near I-475 to SR 155 (McDonough)
- Two Commercial Vehicle Lanes (CVL).
  - Est. Cost: $1.1B
  - Procurement: Scoping underway; GEC advertised in Oct. 2017
  - Est. construction start: 2025

I-16/1-95 Interchange Improvement (2 projects)
- I-16-1-95 Interchange Reconstruction and I-16 Widening from I-95 to I-516
- Adds new lane miles at the busy gateway to Savannah
  - Est. Cost: $310M
  - Est. construction start: 2019

All information is preliminary and subject to change.