



**GWINNETT COUNTY  
BOARD OF COMMISSIONERS**

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GwinnettCounty.com

Nicole L. Hendrickson, Chairwoman  
Kirkland Dion Carden, District 1  
Ben Ku, District 2  
Jasper Watkins III, District 3  
Marlene M. Fosque, District 4

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Official

**Informal Presentation Minutes**

Tuesday, September 21, 2021 – 3:00 PM

Present: Nicole L. Hendrickson, Kirkland D. Carden, Ben Ku, Jasper Watkins III, Marlene M. Fosque

**1. Transportation**

DOT SPLOST Program

Transportation Assistant Director Tom Sever provided an update on Transportation SPLOST projects. No official action taken.



# SPLOST Program Presentation

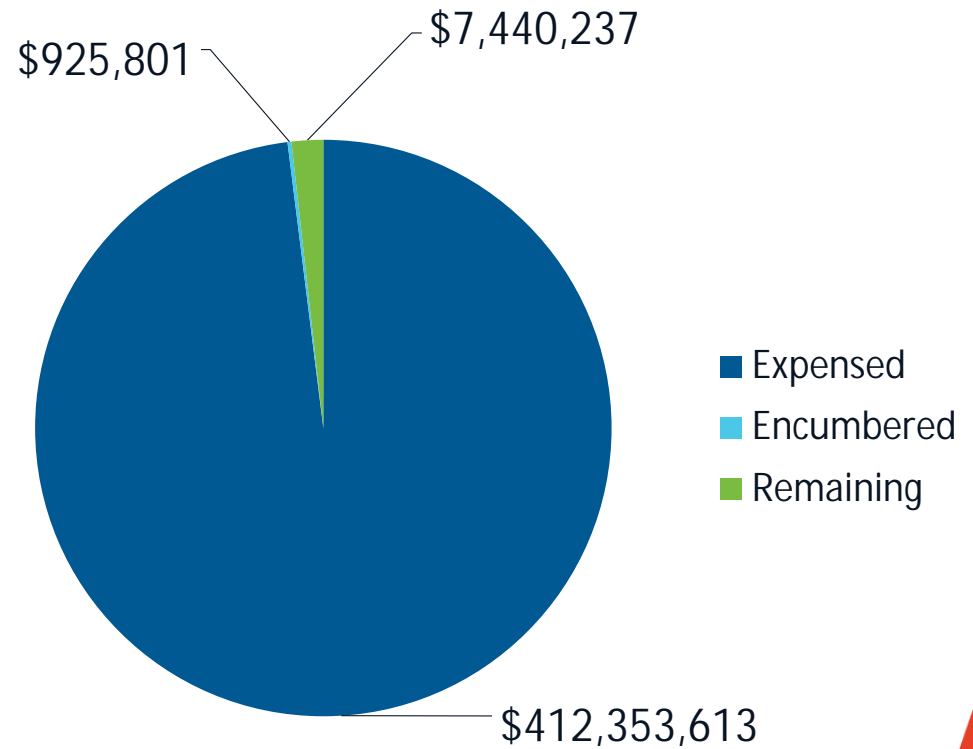
TRANSPORTATION  
Lewis Cooksey, P.E.  
Department Director



# 2009 SPLOST Program

- Completed – 173
- Under Construction – 2
- Engineering/ROW – 2

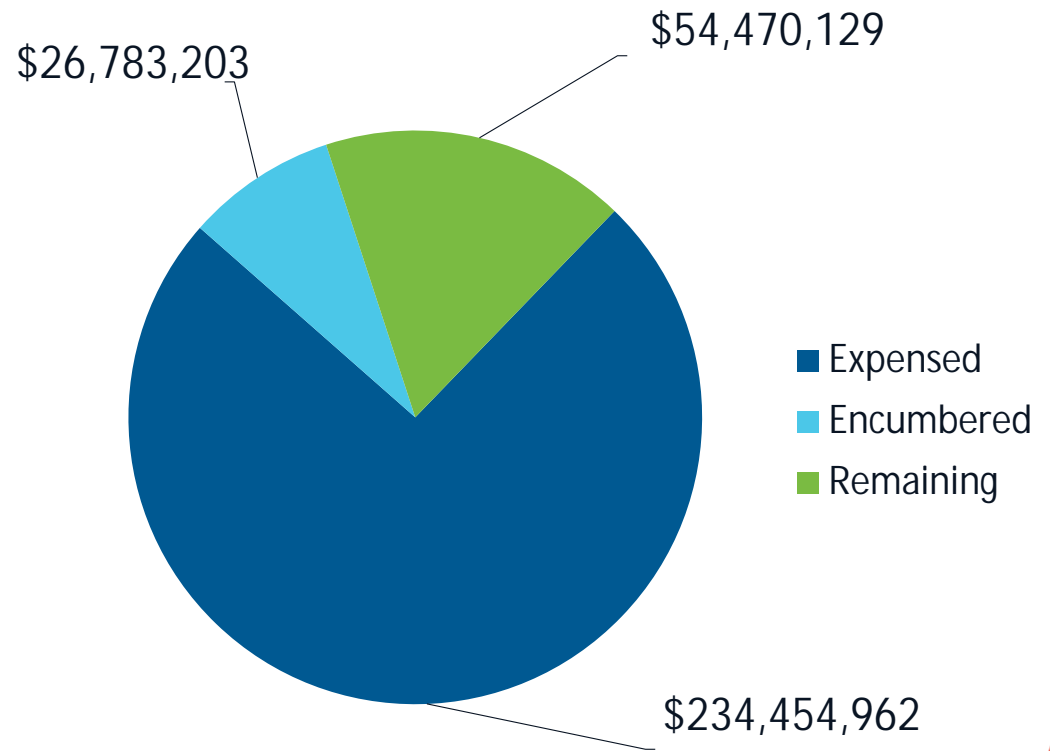
Total Budget - \$420,719,651



# 2014 SPLOST Program

- Completed – 92
- Under Construction – 7
- Engineering/ROW – 2

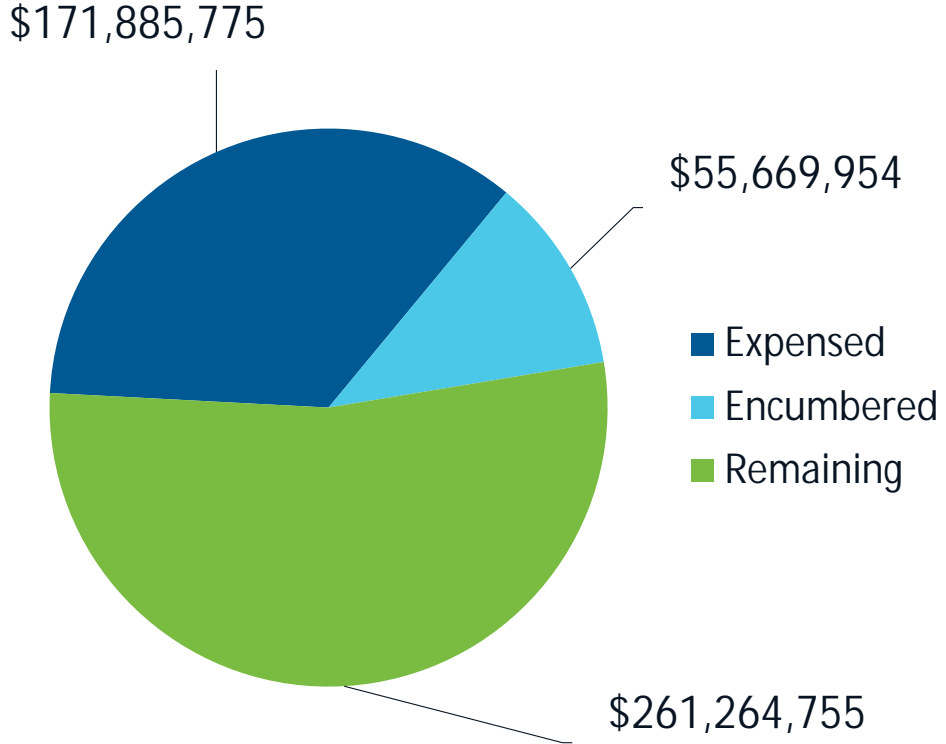
Total Budget - \$315,708,294



# 2017 SPLOST Program

- Completed – 33
- Under Construction – 11
- Engineering/ROW – 33

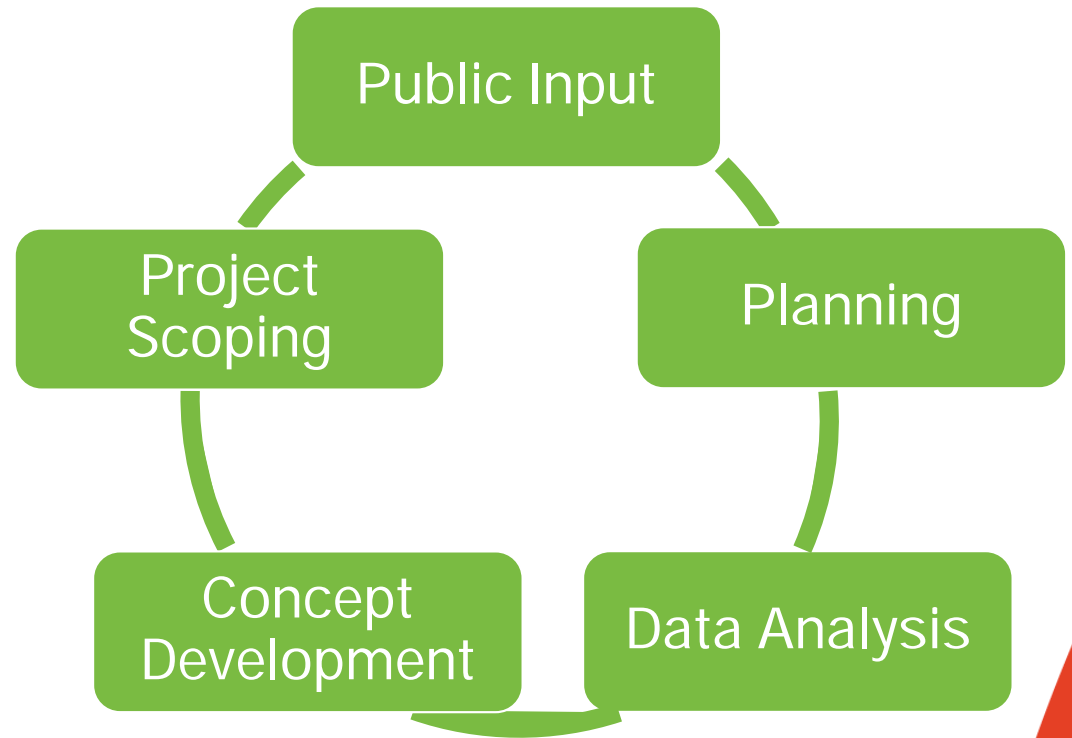
Total Budget - \$488,820,483



# Transportation SPLOST

## Program Development Process

- *More than \$2.7 billion in projects since 1986*



# Transportation SPLOST

## Public Involvement Period #1

Staff  
assembles  
Universe of  
Projects  
(Continuous  
Process)

CPSC develops  
recommendations for funding  
amounts in each SPLOST  
category  
**July-October 2022**

Referendum  
Vote  
**November  
2022**

Call for  
Referendum &  
Form Citizen  
Project  
Selection  
Committee  
(CPSC)  
**June/July  
2022**

Submit category  
funding  
recommendations  
to BOC  
**October 2022**



# Transportation SPLOST

## Public Involvement Period #2

CPSC develops recommendations  
for SPLOST projects  
**November 2022 – May 2023**



2023 SPLOST  
collections begin  
**April 2023**



Board of Commissioners vote  
on SPLOST projects  
**June 2023**



2023 SPLOST Program  
begins  
**July 2023**





# Transportation SPLOST

## Capital Program Guidelines

- Involve citizens through Citizens Project Selection Committee (CPSC) and public meetings
- Establish categories, programs and projects that address wide-ranging transportation needs County-wide
- Leverage SPLOST dollars by pursuing State and Federal matching funds
- Construct projects that will reduce future operating costs

# Transportation SPLOST

## Universe of Projects

- Citizen requests
- Staff analysis
- Comprehensive Transportation Plan (CTP)
- Previously identified projects

\*\*Note: Current identified projects:  
Current 2017 SPLOST funding:

Over \$4 billion  
\$437.7 million



# 2017 SPLOST Program and Categories

Category	Tier I	Tier II
Bridges, Culverts & Transportation Drainage	\$46 million	\$5.3173 million
Capital Projects Rehabilitation & Resurfacing	\$114 million	--
Intersections	\$45 million	\$11.9 million
Major Roads	\$118 million	\$16.3 million
Residential Speed Control	\$750,000	--
Road Safety and Alignment	\$30 million	\$5 million
School Safety	\$20 million	\$2.5 million
Sidewalks and Pedestrian Safety	\$30.463 million	\$7.6172 million
Transportation Planning	\$1.65 million	--
Unpaved Roads	\$1 million	--
<b>TOTALS</b>	<b>\$406.863 million</b>	<b>\$48.6345 million</b>
County / City Joint Projects	\$30.84577 million	



# Bridges, Culverts, Transportation Drainage

2017 SPLOST Allocation:  
\$46 million



Harbins Road at SR 316  
Interchange

Estimated Cost of Identified Projects:  
\$912.5 million

Identified projects are evaluated based on:

- Structural Adequacy/ Functionally Obsolete
- Safety
- Capacity/Congestion Upgrades
- Transportation Drainage
- Bridge Rehabilitation
- Connectivity

# Rehabilitation and Resurfacing

2017 SPLOST Allocation:  
\$114 million (\$19 million/year)

2021 Grant funding: \$8 million

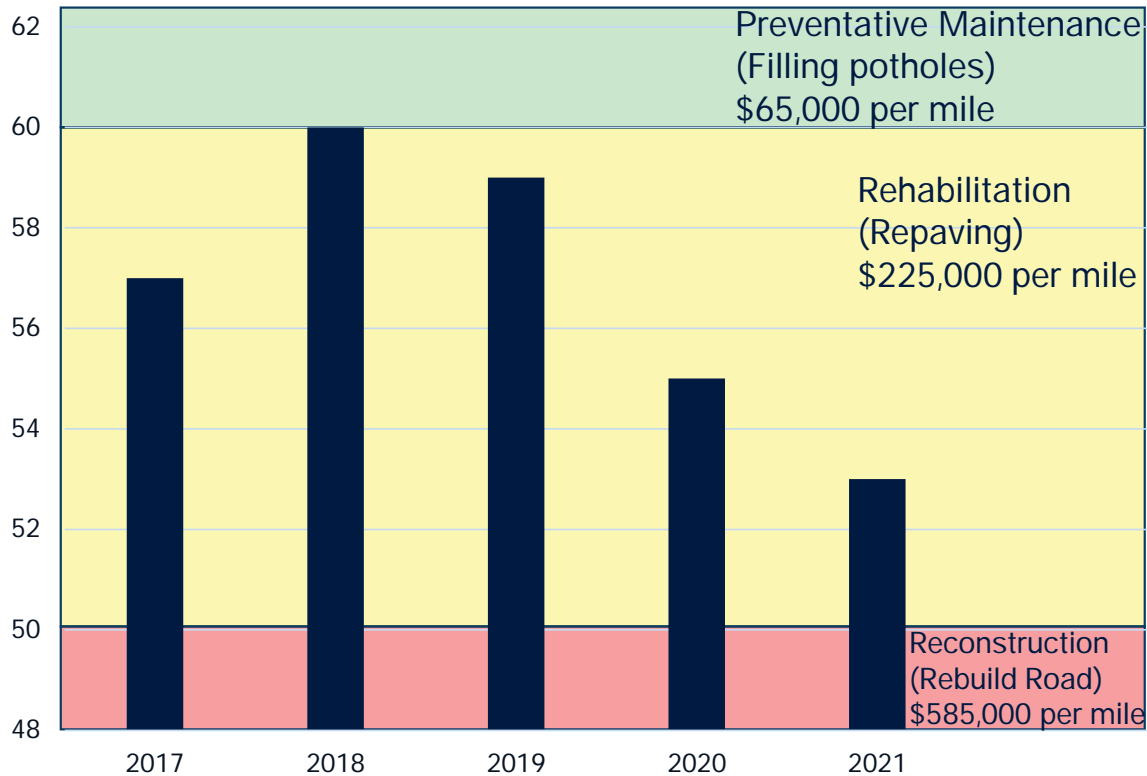
## Roadway Infrastructure

- Over 9000 streets
- Over 2,650 centerline miles
- Over 6,600 lane miles



# Rehabilitation and Resurfacing

Average Pavement Condition Index



Yearly forecasted SPLOST need:  
\$35 million

Rising construction costs:  
2015: \$1 million = 9 miles  
2021: \$1 million = 4.5 miles



# Intersections

2017 SPLOST Allocation: \$45 million

Estimated Cost of Identified Projects:  
\$703.5 million

Identified projects are evaluated based on:

- Congestion Relief
- Accident Rates
- Growth Potential
- Turn Lanes
- Intelligent Transportation System (ITS) Improvements
- Intersection Alignments
- Opportunities to Leverage Funds



Sugarloaf Parkway at  
Satellite Boulevard

- *Locally funded intersection projects quickly provide a significant operational and safety improvement.*

# Major Roads



Cruse Road widening  
(Club Drive to Paden Drive)



2017 SPLOST Allocation: \$118 million

Estimated Cost of Identified Projects:  
\$1.748 billion

Identified projects are evaluated based on:

- Congestion Relief
- Traffic Volumes
- Leveraging of Funds
- Eliminating Bottlenecks
- Relief for Adjacent Roads



# Residential Speed Control

2017 SPLOST Allocation:  
\$750,000



Yearly forecasted SPLOST need:  
\$125,000/year

Funds are used for traffic calming measures:

- Installation of speed humps
- Driver feedback (Your Speed XX) signs
- Evaluation and implementation of other speed control measures in primarily residential areas

Speed Hump Requirements:

- Street must be posted at 25 mph
- Board of Commissioners approval

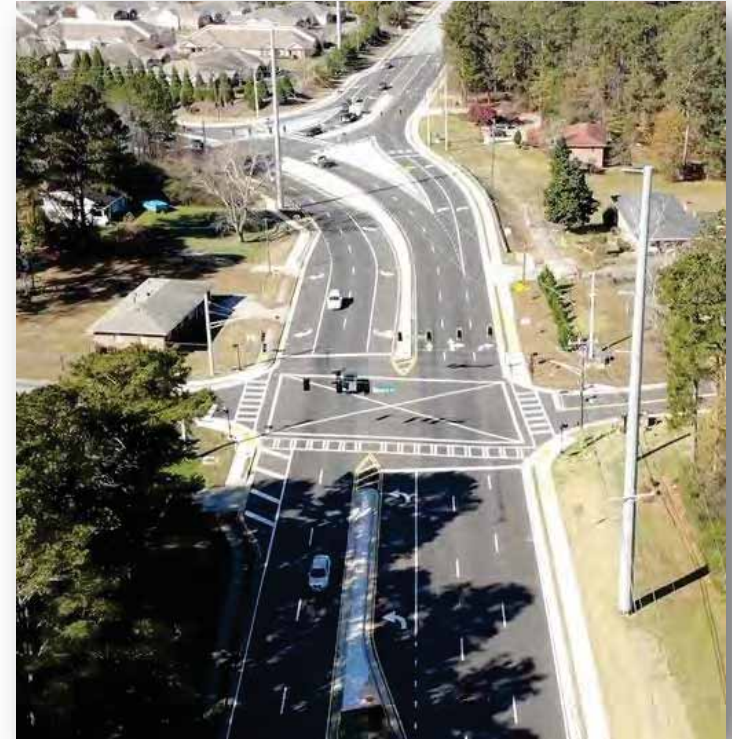
# Road Safety and Alignment

2017 SPLOST Allocation: \$30 million

Estimated Cost of Identified Projects:  
\$202.2 million

Identified projects are evaluated based on:

- Intersection Improvement
- Sight Distance – Vertical and Horizontal Alignment
- Median Opening/ Turn Lanes
- Widening and Alignment
- Road Extension



West Park Place  
Intersection Improvement

# School Safety



Dogwood Road at Holly Brook Road  
Roundabout at Brookwood High School



2017 SPLOST Allocation: \$20 million

Estimated Cost of Identified Projects:  
\$53.7 million

Identified projects are evaluated like Road  
Safety and Alignment projects and include:

- Road Widening
- Turn Lanes
- Intersection Improvements
- Sidewalks
- Improvements at Colleges

# Sidewalks and Pedestrian Safety



2017 SPLOST Allocation: \$30.5 million

Estimated Costs of Identified Projects:  
\$344.6 million

Identified projects are evaluated based on:

- Constituent Requests
- Comprehensive Transportation Plan
- City/ CID Requests
- Staff Identified Locations
- Worn Path

# Transportation Planning

2017 SPLOST Allocation: \$1.65 million

Yearly forecasted SPLOST need:  
\$1.25 million per year

Planning efforts including:

- Comprehensive Transportation Plan Updates
- Corridor studies
- Grant applications & match
- Potential project concept development & feasibility analysis
- Connected Vehicle Technology Master Plan
- Joint funding of planning studies
- ITS/ATMS Master Plan updates
- Countywide Trails Master Plan



# Unpaved Roads

- Approximately 20 miles of unpaved roads that provide access to mostly residential properties
  - Down from 110 miles in 1993
- Maintenance activities include road surface treatment and transition between paved and unpaved roads
- Right-of-way is typically needed to meet minimum paved road standards
- Improvements would include pavement, drainage, widening, and realignment



2017 SPLOST Allocation:  
\$1 million

Estimated Costs of  
Identified Projects:  
\$850,000 per year

# County / City Projects

2017 SPLOST Allocation: \$30.8 million



Western Gwinnett Pathway  
Joint Project: Gwinnett County, Duluth,  
Suwanee, & ARC



Nash Street Extension  
City of Lawrenceville Managed Project



Questions?