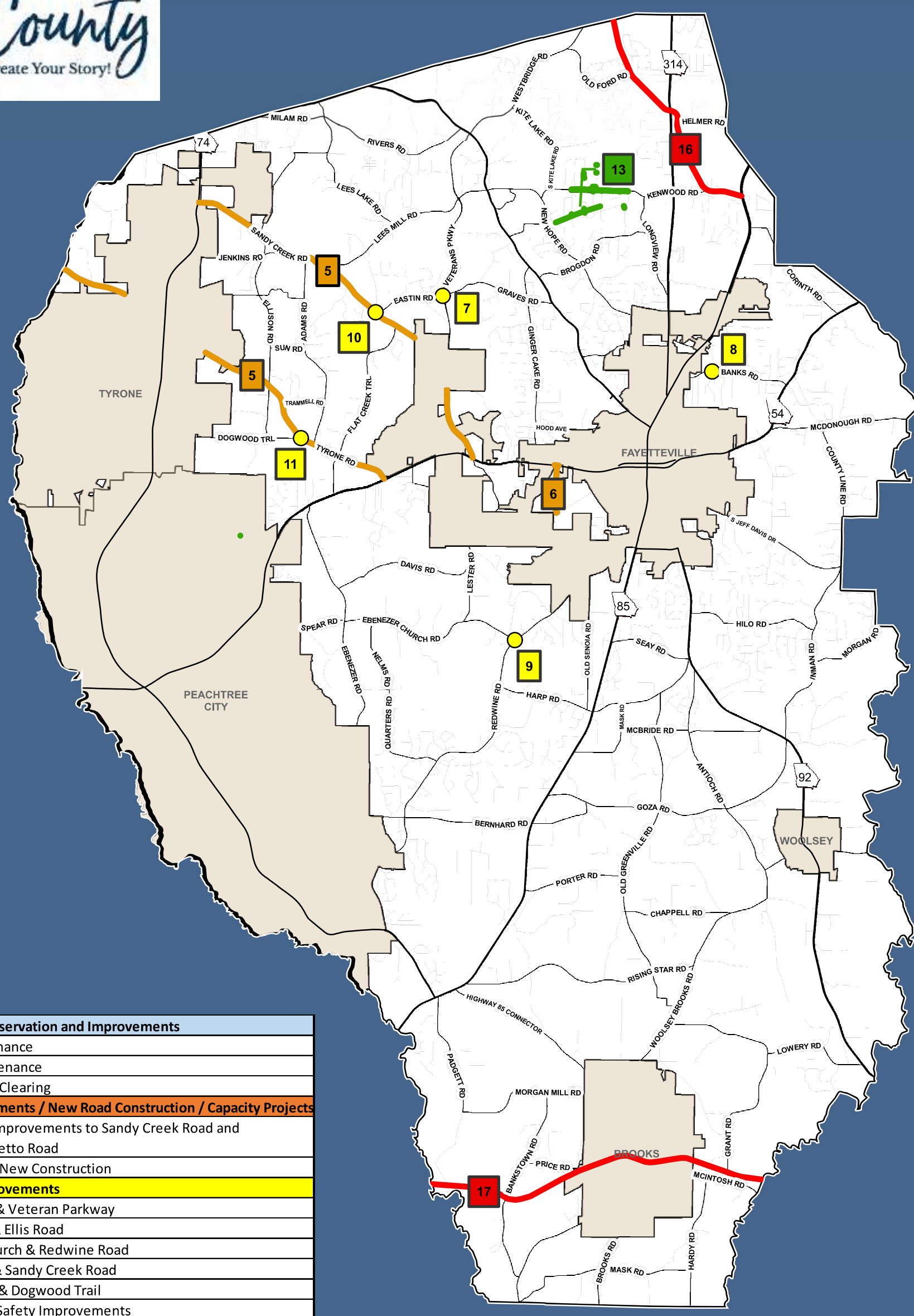
SPLOST 2023 Transportation Improvements



Infrastructure Preservation and Improvements	
1	Road Maintenance
2	Bridge Maintenance
3	Right of Way Clearing
Corridor Improvements / New Road Construction / Capacity Projects	
5	Operations Improvements to Sandy Creek Road and Tyrone/Palmetto Road
6	Creek Road - New Construction
Intersection Improvements	
7	Eastin Road & Veteran Parkway
8	Banks Road & Ellis Road
9	Ebenezer Church & Redwine Road
10	Eastin Road & Sandy Creek Road
11	Tyrone Road & Dogwood Trail
12	Intersection Safety Improvements
Pedestrian, Bicycle, and Multi-Use Path Projects	
13	Kenwood Road Path Network
14	CTP & Master Path Plan Implementation
15	Regional Connection Projects -bike routes, paths and
Planning Studies / Concept Reports	
16	SR 279 Corridor Improvement - Concept Study
17	Rails to Trails / Griffin to Brooks to Senoia
18	Transportation Studies

- Intersection Improvements
- Corridor Improvements / New Road Construction / Capacity Projects
- Pedestrian, Bicycle, and Multi-Use Path Projects
- Planning Studies / Concept Reports

Top Transportation Recommendations for 2023 SPLOST

Infrastructure Preservation and Improvements		**$5,700,000**
1	Road Maintenance	$4,500,000
2	Bridge Maintenance	$900,000
3	Right of Way Clearing	$300,000
Corridor Improvements / New Road Construction / Capacity Projects		**$4,000,000**
5	Operations Improvements to Sandy Creek Road and Tyrone/Palmetto Road	$2,500,000
6	Creek Road - New Construction	$1,500,000
Intersection Improvements		**$11,400,000**
7	Eastin Road & Veteran Parkway	$1,500,000
8	Banks Road & Ellis Road	$2,000,000
9	Ebenezer Church & Redwine Road	$1,200,000
10	Eastin Road & Sandy Creek Road	$1,300,000
11	Tyrone Road & Dogwood Trail	$1,800,000
12	Intersection Safety Improvements	$3,600,000
Pedestrian, Bicycle, and Multi-Use Path Projects		**$4,400,000**
13	Kenwood Road Path Network	$750,000
14	CTP & Master Path Plan Implementation	$2,300,000
15	Regional Connection Projects -bike routes, paths and sidewalks	$1,350,000
Planning Studies / Concept Reports		**$1,000,000**
16	SR 279 Corridor Improvement - Concept Study	$250,000
17	Rails to Trails / Griffin to Brooks to Senoia	$250,000
18	Transportation Studies	$500,000
	Total Recommended SPLOST Funding	**$26,500,000**

2023 SPLOST Transportation

Infrastructure Preservation and Improvements

Project Cost Estimates:

Road Maintenance
$4,5000,000

Bridge Maintenance
$900,000

Right of Way Clearing
$300,000

This category of projects provides additional resources, beyond what can be funded through annual operations and maintenance, to preserve and improve Fayette County's transportation infrastructure. Money will be spent in one of three areas.

Roads – Fayette County owns and maintains over 500 miles of roads. Money from this category (approximately $4,500,000 over six years) will supplement annual maintenance operations, including patching, milling, crack sealing, resurfacing, etc. This additional funding helps Fayette County pro-actively maintain the roads and avoid costly rehabilitations after the asphalt and/or base have failed. When possible, the SPLOST money will be used as local match for state and federal grants - typically at a rate of $4 received for every $1 of local money spent.

Bridges – Fayette County's 42 bridges are periodically inspected by the Georgia Department of Transportation, but Fayette is responsible for recommended repairs or maintenance activities. Failure to do so may result in posting weight limit restrictions and/or degradation of the structure. Like road maintenance money, these funds may be used as a local match for state or federal grant money.

Right-of-Way Clearing – This funding will be used to remove trees and brush from the right-of-way of select County arterials and collectors. Doing so removes potential hazards from the shoulder and clear zone, improves lines-of-sight, facilitates drainage (by allowing ditch work), and opens the road to more sunlight which helps keep it dry.

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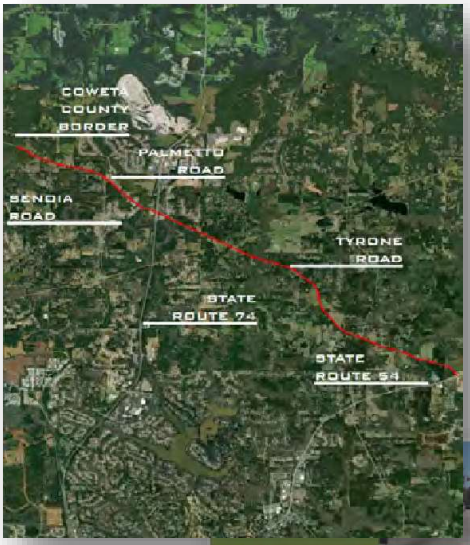
2023 SPLOST Transportation

Corridor Improvements, New Road Construction and Capacity Projects

Project Cost Estimate:

Operations Improvements to Sandy Creek Road and Tyrone/Palmetto Road. $2,500,000

As part of the 2017 SPLOST program, Fayette County completed Corridor Studies along Tyrone Road and Sandy Creek Road. Funding from this project category will implement select recommendations from the studies. Project may include intersection improvements, addition of auxiliary turn lanes, horizontal and vertical curve improvements, build-out of shoulders and clear zones, addition of guard rail, etc. Safety and operational improvements are needed along both roads to address existing and future development in the central part of the County.



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2023 SPLOST Transportation

Corridor Improvements, New Road Construction and Capacity Projects

Project Cost Estimates:

Creek Road Construction

$1,500,000

This is a joint project with the City of Fayetteville that would construct 0.8 miles of new road between SR 54 and First Manassas Mile. The project addresses safety and congestion concerns by reducing truck traffic on Grady Avenue, Bradford Square, and around the Spring Hill Elementary School. This line item funds one-half the estimated project cost of $3,000,000, with expectation that the balance is funded by Fayetteville. Heavy traffic generators on First Manassas Mile include several transfer stations for solid waste, the City of Fayetteville's Wastewater Treatment Plant, grinding and compost facilities for yard waste, several businesses, and Fayette County's inert landfill. Most of the new road would be built on existing Fayette County property.

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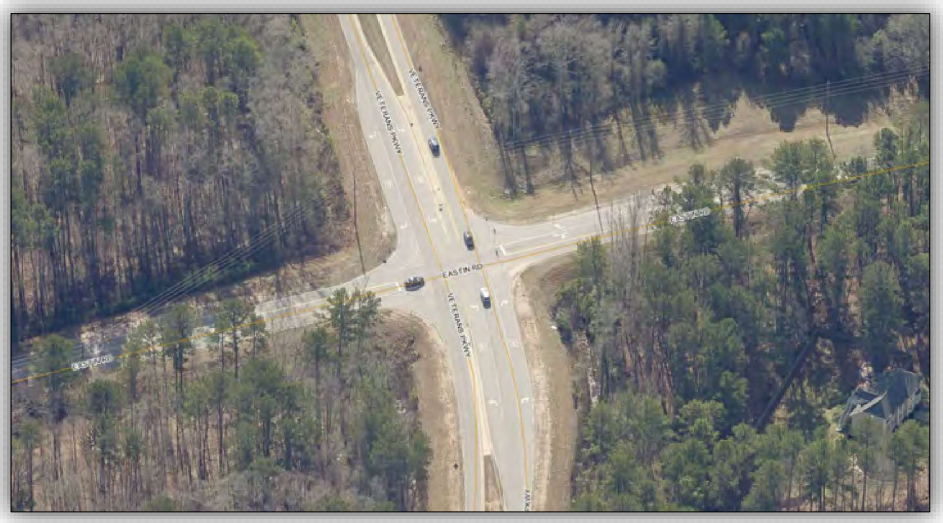
2023 SPLOST Transportation Intersection Improvements

This project is for the design and construction of a roundabout on Veterans Parkway. The roundabout will address existing concerns of traffic speed, safety, and noise at the intersection as volumes have increased over the past few years. The project would have minimum right-of-way impacts and is consistent with other intersection controls on Veterans Parkway.

Project Cost Estimate:

Eastin Road and Veterans Parkway

$1,500,000



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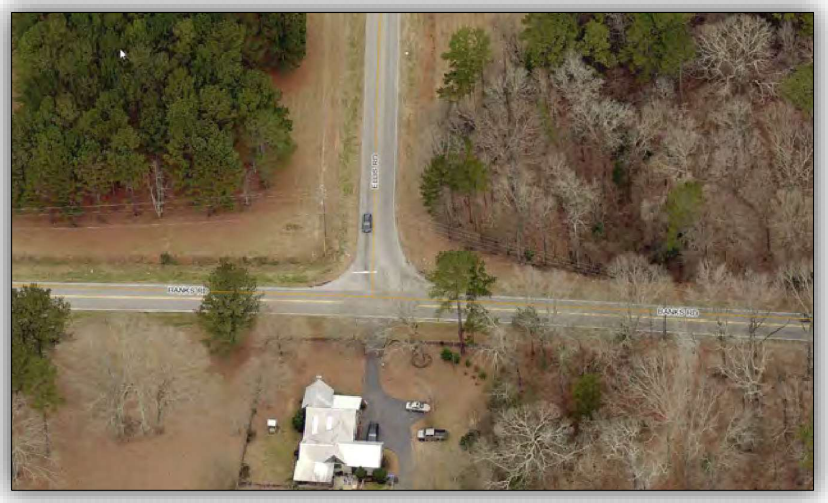
2023 SPLOST Transportation Intersection Improvements

This project is for the design and construction of a roundabout on Banks Road. The project is a recommendation of the 2019 Banks Road Corridor Study, and its purpose is to address safety, speed, and congestion issues at the Ellis Road intersection. The project provides a long-term solution for the growing traffic volumes on Banks Road, which currently exceed 11,650 vehicles per day between Ellis Road and SR 54 and has an afternoon level of service "F" (failing).

Project Cost Estimate:

Banks Road & Ellis Road

$2,000,000



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2023 SPLOST Transportation Intersection Improvements

This project is for the design and construction of a roundabout at the T intersection of Ebenezer Church Road and Redwine Road. Currently traffic queues excessively as drivers turn from Ebenezer Church onto Redwine Road. Increasing traffic volumes (estimated at 5,260 vehicles per day in 2019) and high speeds make the problem worse each year. A roundabout would reduce the number of severe crashes and reduce the back-up on Ebenezer Church Road.

Project Cost Estimate:

Ebenezer Church Road & Redwine Road
$1,200,000

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2023 SPLOST Transportation Intersection Improvements

This project is for the design and construction of a roundabout to consolidate two existing, offset intersections. The project would provide traffic calming and address safety concerns. Funding compliments existing SPLOST project I-2. A roundabout is a recommendation from the 2019 Sandy Creek Road Corridor Study. Traffic volume on Sandy Creek exceed 5,325 vehicles per day (with over 5% truck traffic) and is growing steadily due to development around Trilith Studios and the Hospital.

Project Cost Estimate:

Eastin Road

and

Sandy Creek Road

$1,300,000

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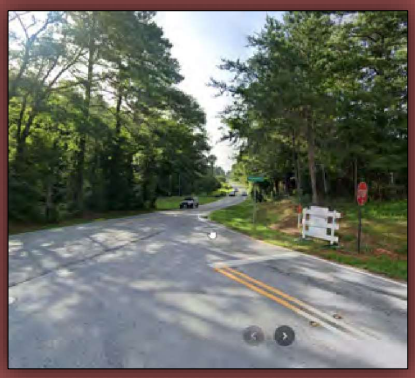
2023 SPLOST Transportation Intersection Improvements

This project is for the design and construction of roundabout or realigned intersection to correct geometry and associated safety concerns. This is a recommended project from the 2019 Tyrone Road Corridor Study due to traffic volumes (more than 11,500 vehicles per day south of Dogwood) and the number of crashes relative to other intersections along the road. In addition, Tyrone Road and Dogwood Trail have substantial truck traffic (>6% in segments) that is expected to continue.

Project Cost Estimate:

Tyrone Road and Dogwood Trail $1,800,000



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2023 SPLOST Transportation Intersection Improvements

This project category is to set aside funding to address intersection safety improvements that may arise during the duration of the SPLOST due to new development and/or traffic patterns. Project may include traffic signals, roundabouts, addition of turn lanes, geometry improvements, etc.

Project Cost Estimate:

Other Intersection Improvements
$3,600,000

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2023 SPLOST Transportation

Pedestrian, Bicycle, & Multi-Use Path Projects

Project Cost Estimates:

CTP & Master Path Plan

$2,300,000

Regional Connection Projects

$1,350,000

Kenwood Road Path Network

$750,000

This funding category implements pedestrian, bike, and path project recommendations of Fayette County's Comprehensive Transportation Plan (CTP), Master Path Plan, and various Corridor Studies. The focus is on projects that provide access to destination areas (e.g., a park or school), improve safety, connect existing path/bike segments, or are part of a larger regional initiative.

Where possible, the SPLOST money will be used as local match for grants and other funding sources.

The Kenwood Road Path Project will create a network of paths and/or sidewalks to connect existing neighborhoods along Kenwood Road with the North Fayette Elementary School. Other projects will be identified from existing planning studies, public input, and feasibility studies.

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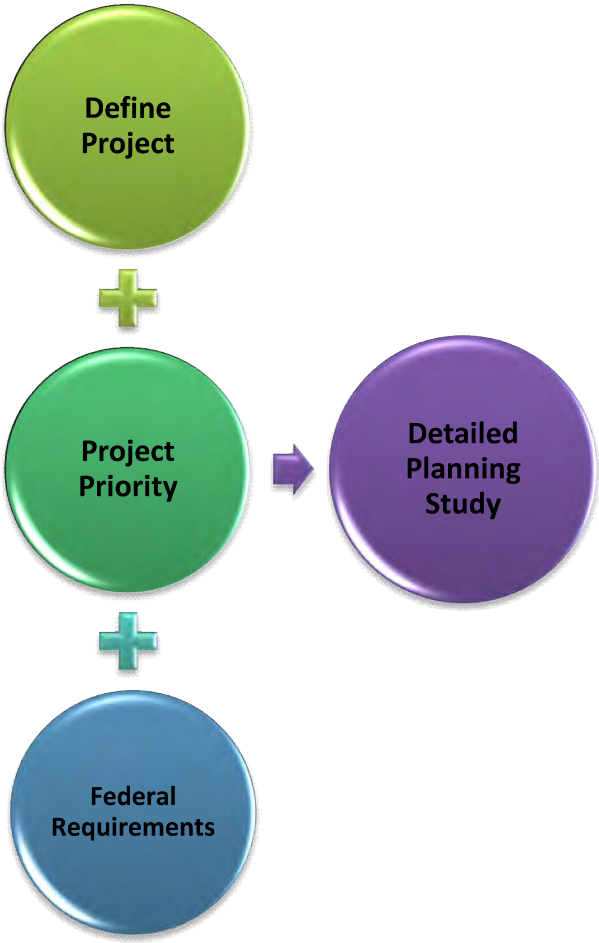
Planning Studies / Concept Reports

Up to 3.8% of the 2023 SPLOST transportation dollars are allocated for Studies. The studies have three primary purposes:

1. Define a project's need, purpose, scope, and high-level cost estimate;
2. Assist with project prioritization; and
3. Satisfy federal requirements.



On large corridor projects, considerable data collection and engineering analysis is required to make accurate project recommendations. A Planning Study will collect the minimum data to allow for these analyses and provide results and recommendations for the Board of Commissioners to prioritize and advance the highest-rated projects. Having this information is prudent for local officials making decisions on projects with cost estimates in the tens-of-millions range and is required by state and regional planning agencies if the project is to be competitive in seeking Federal-aid.

Transportation studies typically complete common tasks to address the three goals noted above, including:

- Identify need and purpose;
- Define the project scope;
- Consider alternatives;
- Perform cursory environmental screening;
- Assess impacts to utilities and railroads;
- Assess impacts to private properties;
- Gauge public support and opposition;
- Identify applicable design criteria;
- Develop a schedule; and
- Determine preliminary budget and funding options.

The SR 279 Concept Report sets aside funding to start the design phase of improvements recommended in the 2019 Corridor Study. Advancing the project depends upon approval from GDOT and a commitment by them, and the Atlanta Regional Commission, to put the project in their Transportation Improvement Programs. The intent is to advance the project for implementation by GDOT. If not approved by GDOT, the money will be reallocated to other 2023 Transportation SPLOST projects.

The Rails to Trails / Griffin to Brook to Senoia project provides seed money to study multi-jurisdictional trails along railroad lines or roads to connect areas of Spalding, Coweta, and Fayette Counties. The trail would be recreational in focus and seek grants for design and construction.

The “Transportation Studies” project category sets aside funds to advance studies or design, as needed, to support grant requests for state, federal, or other funding sources. For example, this category may allow Fayette County to develop one or more “shovel ready” projects to take advantage of recently approved Federal Transportation Programs.

The process for being awarded Federal-aid is competitive due to the large number of project applications, uncertainties associated with federal funds and availability, and the pre-defined criteria/performance measures a project must meet to be ranked high. Hence the need for a Planning Study to properly “vet” Fayette County projects prior to submission for consideration against the other projects in the Atlanta Metropolitan region.

The information is also integral to the design process so much of the work completed in the planning stage is used in full design. Also, having a planning study allows Consultants and Engineers to provide more focused and cost-effective proposals for design services.