

# **ROADS AND INTERSECTIONS**

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# Countywide Asphalt Resurfacing

Requesting Department/Division: Public Works/Roads and Bridges  
 Project Manager/Contact: Mike Garrett/Johnny Ravan

Estimated Start Date: July 2007  
 Est. Completion Date: On-Going

Project Category: Rehabilitation/Remediation

Project Status: Active Project  
 Project Number: RI0005

### Project Description, Justification and Location

This project will provide funding for asphalt resurfacing of county roads on an annual basis. Roads are selected for asphalt resurfacing based on the Overall Condition Index (OCI) report each year. Ideally, roads will be resurfaced when the OCI associated with the road is between forty-one (41) and fifty-five (55). This is the least expensive time period to resurface the road. As the pavement deteriorates to failure, the cost to resurface can almost triple. The table to the left details the OCI scale. A complete list of roads to be resurfaced in FY 2009/10 is included in the Appendix.

OCI	RATING	Repair Cost/Mile
0-10	Failed	\$ 121,000
11-25	Very Poor	\$ 121,000
26-40	Poor	\$ 97,000
41-55	Fair	\$ 44,000
56-70	Good	\$ -
71-85	Very Good	\$ -
86-100	Excellent	\$ -

### Benefits to Residents, Visitors, Businesses, or County Employees

Resurfacing these roads using the OCI rating system will save on the costs of road resurfacing in the future, while continuing to provide for the safety of motorists utilizing the roadways.



**Beardon Road**

### Impact on Annual Operating Budget

Annual maintenance costs for asphalt resurfacing after the work has been completed are included in the operating budget. Currently in the operating budget, pothole patching and sealing cost approximately \$170 per mile/per year.

### Project Status (as of April 1, 2009)

Active project. County funded asphalt resurfacing is complete for FY 2008/09. C-funds funded resurfacing will be completed by June 2009. A complete list of roads to be resurfaced in FY 2009/10 is included in the Appendix.

### Project Expenditures and Funding Sources

PROJECT	TOTAL PROJECT COST	COMMITTED FUNDING	FY 2009/10	FY 2010/11	FY 2011/12	FY 2012/13	FY 2013/14	FY 2010-14 Totals
<b>Countywide Asphalt Resurfacing Expenditures</b>								
Planning/Design/Engineering	0	0	0	0	0	0	0	0
Land Acquisition/Right-of-Way	0	0	0	0	0	0	0	0
Construction/Improvements	29,188,000	8,498,000	4,138,000	4,138,000	4,138,000	4,138,000	4,138,000	20,690,000
Capital Materials/Equipment	0	0	0	0	0	0	0	0
Technology Expenditures	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total Expenditures</b>	<b>29,188,000</b>	<b>8,498,000</b>	<b>4,138,000</b>	<b>4,138,000</b>	<b>4,138,000</b>	<b>4,138,000</b>	<b>4,138,000</b>	<b>20,690,000</b>
<b>Revenues</b>								
Road Maintenance Fee	21,172,000	5,672,000	3,100,000	3,100,000	3,100,000	3,100,000	3,100,000	15,500,000
General Fund Transfer	750,000	750,000	0	0	0	0	0	0
State C Funds	7,266,000	2,076,000	1,038,000	1,038,000	1,038,000	1,038,000	1,038,000	5,190,000
<b>Total Revenues</b>	<b>29,188,000</b>	<b>8,498,000</b>	<b>4,138,000</b>	<b>4,138,000</b>	<b>4,138,000</b>	<b>4,138,000</b>	<b>4,138,000</b>	<b>20,690,000</b>

# Countywide Dirt Road Surfacing

Requesting Department/Division: Public Works/Roads and Bridges  
 Project Manager/Contact: Mike Garrett/Johnny Ravan

Estimated Start Date: July 2007  
 Est. Completion Date: On-Going

Project Category: Rehabilitation/Remediation

Project Status: Active Project  
 Project Number: RI0004

## **Project Description, Justification and Location**

This project will provide asphalt surfacing of minimum maintenance unpaved roads within the county road system. Citizens petition the county to pave the roads, and then all necessary right-of-ways must be donated. The roads then go on a waiting list, and are completed on a “first come first served” basis when funding is available. The roads scheduled for completion in the five year capital plan include:

- FY 2009/10: Sand Bar Road, Ryan Road
- FY 2010/11: Carr Drive, Ridgeway Road
- FY 2011/12: Pruitt Drive, Indian Hill Lane
- FY 2012/13: June Bug Lane
- FY 2013/14: Riverside Drive, Marlette Road

## **Benefits to Residents, Visitors, Businesses, or County Employees**

Surfacing these dirt roads ensures safer roads for motorists, as well as reduces annual maintenance costs associated with maintaining dirt roads.

## **Impact on Annual Operating Budget**

Surfacing these dirt roads results in greatly reduced annual maintenance costs because the county does not have to grade them monthly or add gravel to the road. Once they are surfaced, the annual maintenance for the first five years after surfacing is minimal.

## **Project Status (as of April 1, 2009)**

Active project. Dirt Road Surfacing is complete for FY 2008/09, with paving completed on Suttles Road and Wildlife Trail.

## **Project Expenditures and Funding Sources**

<b>PROJECT</b>	<b>TOTAL PROJECT COST</b>	<b>COMMITTED FUNDING</b>	<b>FY 2009/10</b>	<b>FY 2010/11</b>	<b>FY 2011/12</b>	<b>FY 2012/13</b>	<b>FY 2013/14</b>	<b>FY 2010-14 Totals</b>
<b>Countywide Dirt Road Resurfacing</b>								
<u>Expenditures</u>								
Planning/Design/Engineering	0	0	0	0	0	0	0	0
Land Acquisition/Right-of-Way	0	0	0	0	0	0	0	0
Construction/Improvements	867,000	241,000	109,000	99,000	107,000	151,000	160,000	626,000
Capital Materials/Equipment	0	0	0	0	0	0	0	0
Technology Expenditures	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total Expenditures</b>	<b>867,000</b>	<b>241,000</b>	<b>109,000</b>	<b>99,000</b>	<b>107,000</b>	<b>151,000</b>	<b>160,000</b>	<b>626,000</b>
<u>Revenues</u>								
Road Maintenance Fee	827,000	201,000	109,000	99,000	107,000	151,000	160,000	626,000
General Fund Transfer	40,000	40,000	0	0	0	0	0	0
<b>Total Revenues</b>	<b>867,000</b>	<b>241,000</b>	<b>109,000</b>	<b>99,000</b>	<b>107,000</b>	<b>151,000</b>	<b>160,000</b>	<b>626,000</b>

# Municipal Road Projects

Requesting Department/Division: Public Works/Roads and Bridges  
 Project Manager/Contact: Mike Garrett

Estimated Start Date: July 2007  
 Est. Completion Date: On-Going

Project Category: New Construction

Project Status: Active Project  
 Project Number: RI0006

## Project Description, Justification and Location

Funding is allocated to incorporated cities and towns in the county for road projects, based on a population distribution formula and number of road miles. Municipalities submit funding requests to the County, and requests are reviewed by a municipal road advisory committee. Funds are held in escrow for the municipalities. Changes in Road Maintenance Fee revenues proportionally affect municipality distribution.

## Benefits to Residents, Visitors, Businesses, or County Employees

Municipalities have the opportunity for additional funding to supplement road projects within their corporate limits.

## Impact on Annual Operating Budget

There is no impact on the operating budget.

## Project Status (as of April 1, 2009)

Active project. Amount of funding available for distribution is now estimated at \$775,000.

## Project Expenditures and Funding Sources

<b>PROJECT</b>	TOTAL PROJECT COST	COMMITTED FUNDING	FY 2009/10	FY 2010/11	FY 2011/12	FY 2012/13	FY 2013/14	FY FY 2010-14 Totals
<b>Municipal Road Projects</b>								
<i>Expenditures</i>								
Planning/Design/Engineering	0	0	0	0	0	0	0	0
Land Acquisition/Right-of-Way	0	0	0	0	0	0	0	0
Construction/Improvements	5,250,000	1,375,000	775,000	775,000	775,000	775,000	775,000	3,875,000
Capital Materials/Equipment	0	0	0	0	0	0	0	0
Technology Expenditures	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total Expenditures</b>	<b>5,250,000</b>	<b>1,375,000</b>	<b>775,000</b>	<b>775,000</b>	<b>775,000</b>	<b>775,000</b>	<b>775,000</b>	<b>3,875,000</b>
<i>Revenues</i>								
Road Maintenance Fee	5,250,000	1,375,000	775,000	775,000	775,000	775,000	775,000	3,875,000
<b>Total Revenues</b>	<b>5,250,000</b>	<b>1,375,000</b>	<b>775,000</b>	<b>775,000</b>	<b>775,000</b>	<b>775,000</b>	<b>775,000</b>	<b>3,875,000</b>

# Traffic Calming

Requesting Department/Division: Public Works/Roads and Bridges  
 Project Manager/Contact: Mike Garrett

Estimated Start Date: July 2008  
 Est. Completion Date: On-Going

Project Category: Rehabilitation/Remediation

Project Status: Previously in Operating Budget  
 Project Number: RI0007

## Project Description, Justification and Location

This project will provide funding for installation of traffic calming devices at locations requested by citizen groups that meet conditions of the traffic calming policy. Citizens may request traffic calming in their neighborhoods by making a request, which is evaluated by the Public Works department for eligibility. Eligibility is based on traffic volume, average speed, and acceptance by impacted citizens.



*Laurelwood Drive Traffic Calming*

## Benefits to Residents, Visitors, Businesses, or County Employees

Slower traffic in neighborhoods will reduce safety hazards and improve quality of life for citizens.

## Impact on Annual Operating Budget

Minimal impact on the operating budget from FY 2010-14.

## Project Status (as of April 1, 2009)

Project was previously in the operating budget, is now designated as a Capital Improvement Plan project beginning FY 2008/09. To date, nine requests have been completed.

## Project Expenditures and Funding Sources

PROJECT	TOTAL PROJECT COST	COMMITTED FUNDING	FY 2009/10	FY 2010/11	FY 2011/12	FY 2012/13	FY 2013/14	FY 2010-14 Totals
<b>Traffic Calming</b>								
<u>Expenditures</u>								
Planning/Design/Engineering	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0
Land Acquisition/Right-of-Way	0	0	0	0	0	0	0	0
Construction/Improvements	225,000	100,000	25,000	25,000	25,000	25,000	25,000	125,000
Capital Materials/Equipment	0	0	0	0	0	0	0	0
Technology Expenditures	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total Expenditures</b>	<b>225,000</b>	<b>100,000</b>	<b>25,000</b>	25,000	25,000	25,000	25,000	<b>125,000</b>
<u>Revenues</u>								
General Fund Transfer	0	100,000	0	0	0	0	0	0
Road Maintenance Fee	125,000	0	25,000	25,000	25,000	25,000	25,000	125,000
<b>Total, Traffic Calming</b>	<b>225,000</b>	<b>100,000</b>	<b>25,000</b>	25,000	25,000	25,000	25,000	<b>125,000</b>

# Society Hill Road Improvements

Requesting Department/Division: Public Works/Roads and Bridges  
 Project Manager/Contact: Mike Garrett

Estimated Start Date: July 2010  
 Est. Completion Date: January 2012

Project Category: New Construction

Project Status: Planned/Programmed Project  
 Project Number: TBD

## Project Description, Justification and Location

This project will widen and improve intersections on Society Hill Road from Otts Shoals Road to Stone Station Road. This section of road is heavily used by school buses going to and from Gable Middle School. Widening the road from eighteen feet (18') to twenty-four feet (24') will allow school buses and other traffic to pass safely. Design, permitting, bidding and right-of-way acquisition are scheduled for FY 2010/11, with construction taking place in FY 2011/12. The construction phase of the project is anticipated to take between four (4) and six (6) months.



## Benefits to Residents, Visitors, Businesses, or County Employees

Completion of this project will enhance safety for motorists - especially school traffic - utilizing this roadway.

## Impact on Annual Operating Budget

There will be no significant maintenance costs associated with this project for five years after completion.

## Project Status (as of April 1, 2009)

Planned/Programmed project, with funding beginning FY 2010/11.

## Project Expenditures and Funding Sources

PROJECT	TOTAL PROJECT COST	COMMITTED FUNDING	FY 2009/10	FY 2010/11	FY 2011/12	FY 2012/13	FY 2013/14	FY 2010-14 Totals
<b>Society Hill Road Improvements</b>								
<u>Expenditures</u>								
Planning/Design/Engineering	45,000	0	0	45,000	0	0	0	45,000
Land Acquisition/Right-of-Way	0	0	0	0	0	0	0	0
Construction/Improvements	145,300	0	0	0	145,300	0	0	145,300
Capital Materials/Equipment	0	0	0	0	0	0	0	0
Technology Expenditures	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total Expenditures</b>	<b>190,300</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>145,300</b>	<b>0</b>	<b>0</b>	<b>190,300</b>
<u>Revenues</u>								
Road Maintenance Fee	190,300	0	0	45,000	145,300	0	0	190,300
<b>Total Revenues</b>	<b>190,300</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>145,300</b>	<b>0</b>	<b>0</b>	<b>190,300</b>

# Westmoreland Road Widening

Requesting Department/Division: Public Works/Roads and Bridges  
 Project Manager/Contact: Mike Garrett

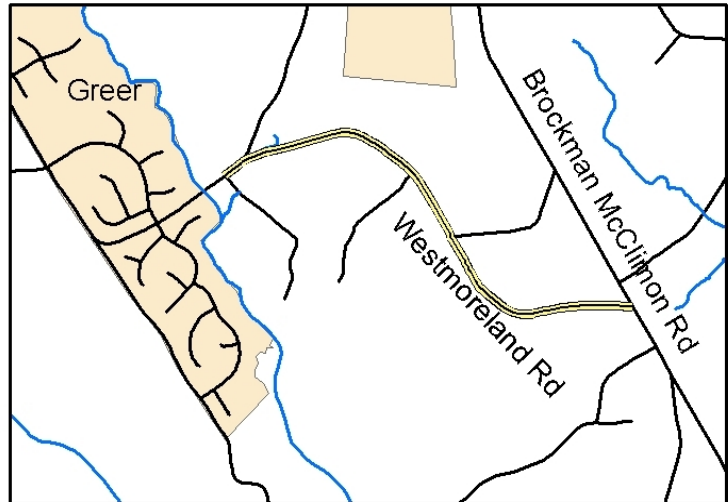
Estimated Start Date: July 2011  
 Est. Completion Date: January 2013

Project Category: New Construction

Project Status: Planned/Programmed Project  
 Project Number: TBD

## Project Description, Justification and Location

This project will widen approximately 6,300 feet of the county-owned portion of Westmoreland Road from sixteen feet (16') to twenty-four feet (24'). Widening will occur between Brockman McClimon Road to where the City of Greer incorporated area begins. Increased traffic flow due to hospital construction, and planned residential and commercial developments in the area necessitates the widening of Westmoreland Road. Design, permitting, bidding and right-of-way acquisition are scheduled for FY 2011/12, with construction taking place in FY 2012/13.



## Benefits to Residents, Visitors, Businesses, or County Employees

Completion of the projects will provide improved traffic flow on Westmoreland Road, improving road conditions and enhancing the safety for motorists utilizing this county road.

## Impact on Annual Operating Budget

There will be no significant maintenance costs associated with this widening project for the first five years after construction.

## Project Status (as of April 1, 2009)

Planned/Programmed project with funding beginning FY 2011/12.

## Project Expenditures and Funding Sources

PROJECT	TOTAL PROJECT COST	COMMITTED FUNDING	FY 2009/10	FY 2010/11	FY 2011/12	FY 2012/13	FY 2013/14	FY 2010-14 Totals
<b>Westmoreland Road Widening</b>								
<u>Expenditures</u>								
Planning/Design/Engineering	0	0	0	0	0	0	0	0
Land Acquisition/Right-of-Way	0	0	0	0	0	0	0	0
Construction/Improvements	890,000	0	0	0	445,000	445,000	0	890,000
Capital Materials/Equipment	0	0	0	0	0	0	0	0
Technology Expenditures	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total Expenditures</b>	<b>890,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>445,000</b>	<b>445,000</b>	<b>0</b>	<b>890,000</b>
<u>Revenues</u>								
Road Maintenance Fee	890,000	0	0	0	445,000	445,000	0	890,000
<b>Total Revenues</b>	<b>890,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>445,000</b>	<b>445,000</b>	<b>0</b>	<b>890,000</b>

# Gin House Road Widening

Requesting Department/Division: Public Works/Roads and Bridges  
 Project Manager/Contact: Mike Garrett

Estimated Start Date: July 2012  
 Est. Completion Date: June 2013

Departmental Priority: Necessary  
 Project Category: New Construction

Project Status: Planned/Programmed Project  
 Project Number: TBD

### Project Description, Justification and Location

The Gin House Road Widening project will widen approximately 2,400 feet of road from sixteen (16) to twenty-four (24) feet from Kist Road to the Greer City limits at the new Abner Creek Elementary School.. This widening project will address increased traffic created by the school and anticipated growth in the area.



### Benefits to Residents, Visitors, Businesses, or County Employees

Completion of the projects will provide improved traffic flow on Gin House Road, improve the condition and enhance safety for motorists utilizing this county road, and provide additional capacity in conjunction with a proposed elementary school opening.

### Impact on Annual Operating Budget

There will be no significant maintenance costs associated with this widening project for the first five years after construction.



### Project Status (as of April 1, 2009)

Planned/Programmed project, with funding beginning FY 2012/13. Original project costs were estimated at \$550,000 in the FY 2008-12 CIP however; the City of Greer annexed a portion of the road resulting in a shorter roadway section requiring widening by Spartanburg County. New project costs estimates are now \$480,000 based on the revised scope of work.

## Project Expenditures and Funding Sources

PROJECT	TOTAL PROJECT COST	COMMITTED FUNDING	FY 2009/10	FY 2010/11	FY 2011/12	FY 2012/13	FY 2013/14	FY 2010-14 Totals
<b>Gin House Road Widening</b>								
<u>Expenditures</u>								
Planning/Design/Engineering	0	0	0	0	0	0	0	0
Land Acquisition/Right-of-Way	0	0	0	0	0	0	0	0
Construction/Improvements	480,000	0	0	0	0	480,000	0	480,000
Capital Materials/Equipment	0	0	0	0	0	0	0	0
Technology Expenditures	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total Expenditures</b>	<b>480,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>480,000</b>	<b>0</b>	<b>480,000</b>
<u>Revenues</u>								
Road Maintenance Fee	480,000	0	0	0	0	480,000	0	480,000
<b>Total Revenues</b>	<b>480,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>480,000</b>	<b>0</b>	<b>480,000</b>

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