

# **STORMWATER MANAGEMENT**

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# Habitat Way Drainage Improvements

Requesting Department/Division: Public Works/Stormwater Management  
 Project Manager/Contact: Mike Garrett/Ron Kirby

Estimated Start Date: July 2009  
 Est. Completion Date: August 2010

Project Category: Rehabilitation/Remediation

Project Status: New Project  
 Project Number: TBD

## Project Description, Justification and Location

This project will construct two storm sewer systems along Habitat Way. The project is located off Seminole Road in the Una community. Flooding on this road causes hazardous conditions for the 38 homes located in this area. Flooding occurs during rain events making access for local residents and emergency vehicles dangerous or impossible.



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

This drainage improvement project will allow normal use of the public road and increased access for emergency vehicles during rain events.

## Impact on Annual Operating Budget

There are no additional operating costs associated with this project.

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

This is new project, fully funded in FY 2009/10. Project is scheduled to begin July 2009.

### Project Expenditures and Funding Sources

PROJECT	TOTAL	COMMITTED	FY	FY	FY	FY	FY	FY 2010-14
	PROJECT COST	FUNDING	2009/10	2010/11	2011/12	2012/13	2013/14	Totals
<b>Habitat Way Drainage Improvements</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	140,000	0	140,000	0	0	0	0	140,000
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>140,000</b>	<b>0</b>	<b>140,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140,000</b>
<u>Revenues</u>								
Stormwater Fund	140,000	0	140,000	0	0	0	0	140,000
<b>Total Revenues</b>	<b>140,000</b>	<b>0</b>	<b>140,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140,000</b>

# Stormwater Management Capital Equipment

Requesting Department/Division: Public Works/Stormwater Management  
 Project Manager/Contact: Mike Garrett/Ron Kirby

Estimated Start Date: July 2010  
 Est. Completion Date: January 2011

Project Category: Capital Materials & Equipment

Project Status: Planned/Programmed Project  
 Project Number: TBD

### Project Description, Justification and Location

This project will provide funding for two (2) pieces of capital equipment needed for the County’s Stormwater Management program, as new stormwater MS4 regulations require additional “Best Management Practices” to be accomplished by the County. A Jet Vacuum Truck (\$275,000) is needed to remove muck, debris, rocks, etc. from storm sewer pipes and catch basins. A Pipeline Television Inspection System (\$20,300) is needed to determine the location and type of pipe damage and to identify illicit system connections. A drying pad (\$40,000) for the waste accumulated by the Jet Vacuum Truck will also need to be constructed.

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

The Jet Vacuum Truck will remove materials from pipes that will result in cleaner water for the citizens of Spartanburg County. There will then be more capacity in the pipes, reducing the potential for road flooding. It will also eliminate confined work spaces for County employees. The Pipeline Television Inspection System will assist County staff in identifying and eliminating illegal connections, resulting in cleaner streams, rivers, and lakes. County employees will not have to enter confined spaces to perform their duties.

### Impact on Annual Operating Budget

Annual maintenance costs for these pieces of equipment will range from \$2,500 to \$10,000 annually over the five-year capital improvement plan.

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

Planned/Programmed project, with funding scheduled to begin in FY 2010/11. Project was originally scheduled for funding beginning in FY 2008/09 in the FY 2008-12 CIP however; departmental priorities and potential reorganization pushed this project back to 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>Stormwater Management Capital Equipment</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	40,000	0	0	40,000	0	0	0	40,000
Capital Materials/Equipment	275,000	0	0	275,000	0	0	0	275,000
Technology Expenditures	20,300	0	0	20,300	0	0	0	20,300
Other	0	0	0	0	0	0	0	0
<b>Total Expenditures</b>	<b>335,300</b>	<b>0</b>	<b>0</b>	<b>335,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>335,300</b>
<u>Revenues</u>								
Stormwater Fund	335,300	0	0	335,300	0	0	0	335,300
<b>Total Revenues</b>	<b>335,300</b>	<b>0</b>	<b>0</b>	<b>335,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>335,300</b>