Consent #12

COUNTY AGENDA REQUEST

Department:	Environmental Management	Presenter(s):	Steve Rapson
Meeting Date:	Thursday, January 23, 2014	Type of Request:	Consent

Wording for the Agenda:

Approval of Resolution 2014-04 authorizing reimbursement of fees and expenses ("Reimbursement Resolution") in connection with the implementation of Category I and Category II: Tier I Stormwater Utility Projects for Fayette County.

Background/History/Details:

The Board of Commissioners has vowed to address the serious problem of the past decades of stormwater infrastructure that has not been maintained or replaced. With the recent SPLOST initiative not being passed, staff is proposing we issue Stormwater Utility Bonds to address these essential repairs to our existing infrastructure that will keep our roads open and protect citizens from having their property damaged from flooding.

Prior to the Stormwater Utility issuing bonds to expedite the Category I and Category II: Tier I Stormwater Utility Projects, the County will advance its own funds to pay for these projects in an amount estimated not to exceed $2,000,000. This Reimbursement Resolution would allow the County to be reimbursed for these advances in preparation of the bond being issued in the near future.

Category I Projects:
Flooding & Safety where failure or improper operation may result in loss of property or probable loss of human life.
Category II; Tier I Projects:
Deformation or damage of system may affect the drainage capacity or overall function of the structure and these projects are in immediate need of attention.

What action are you seeking from the Board of Commissioners?

Approval of Resolution 2014-04 authorizing reimbursement of fees and expenses ("Reimbursement Resolution") in connection with the implementation of Category I and Category II: Tier I Stormwater Utility Projects for Fayette County.

If this item requires funding, please describe:

The General Fund would loan the Stormwater Utility and be reimbursed via the Reimbursement Resolution once bond proceeds are available.

Has this request been considered within the past two years?	No	If so, when?	N/A
Is Audio-Visual Equipment Required for this Request?*	No	Backup Provided with Request?	Yes

**** All audio-visual material must be submitted to the County Clerk's Office no later than 48 hours prior to the meeting. It is also your department's responsibility to ensure all third-party audio-visual material is submitted at least 48 hours in advance.***

Approved by Finance	Yes	Reviewed by Legal	Yes
Approved by Purchasing	Not Applicable	County Clerk's Approval	Yes
Administrator's Approval			

Staff Notes:

FAYETTE COUNTY CORE INFRASTRUCTURE IMPROVEMENTS
DRAFT FOR PUBLIC REVIEW AND COMMENT

Fayette County owns or maintains miles of storm drainage pipe and associated drainage infrastructure for managing stormwater runoff. This is comprehensively referred to as the Municipal Separate Storm Sewer System (MS4) and includes items such as: storm drainage pipes; box culverts; gutters; ditches, swales, catch basins and inlets.

A portion of the county's MS4 is in need repairs or replacement due to deterioration of corrugated metal pipe that is approaching or exceeding its expected useful life. Deteriorated, damaged, poorly maintained, and/or undersized pipes and structures can result in potentially serious safety, infrastructure, flooding and environmental problems.

The drainage system improvements identified provides repair and replacement of drainage systems under and adjacent to roadways that have deteriorated to the point where they no longer function as intended.

Category I **TOTAL** **$2,908,888.55**

Flooding and Safety: Replacement or rehabilitation of Stormwater Drainage Systems where failure or improper operation may result in loss of property or probable loss of human life. This includes Category I dams as classified by the state within Fayette County right-of-way. All projects listed in this category are in need of immediate attention.

Category II **TOTAL** **$11,598,503.97**

Stormwater Infrastructure Preservation Projects Greater than $20,000: Deformation or damage of system may affect the drainage capacity or overall function of the structure. These projects have been subcategorized into Tier 1 and Tier 2.

Tier 1 projects are in need of immediate attention.	**$3,643,359.79**
Tier 2 projects are projects that need replacement soon.	**$7,955,144.18**

Category III **TOTAL** **$912,199.62**

Stormwater Infrastructure Preservation Projects Less than $20,000: Deformation or damage of system may affect the drainage capacity or overall function of the structure.

Category IV **TOTAL** **$1,382,500.00**

Stormwater Improvement Projects: Stormwater drainage systems functional improvements.

CORE INFRASTRUCTURE SPLOST 2013 ***TOTAL*** ***$16,802,091.13***

CATEGORY I

Project ID	Project Name	Project Description	Cost
	Brittany Way	6'x4' RBC, 60', system evaluation	$57,424.08
	Covered Bridge Trl	Ditch rehab/plunge pool armoring; pipe upsizing	$25,000.00
	Emerald Lake Dam	Emerald Lake Dam is a Safe Dams Program Category II structure located predominantly within Fayette County Right-of-Way. The project includes evaluation, design, permitting, and construction of various operational and maintenance improvements. Minimum field activities shall include: clearing of vegetation, build-out of slopes, installation of seepage drains, and rehabilitation of spillway outlet pipes.	$911,482.00
	Kozisek Dam[1]	Kozisek Dam is a Safe Dams Program Category I structure adjacent to and possibly partially within the County Right-of-Way for Neely Road. The project includes evaluation, design, permitting, and construction of necessary improvements and changes to Neely Road to ensure it safely passes design flows and to remove any County liability/ownership that may be associated with Kozisek Dam.	$250,000.00
	Lawson Ln	Undersized pipes in Northridge Subdivision results in flooding of road, lots and several homes along Lawson Lane. Project would replace existing pipe and add additional drainage structures.	$51,661.00
	Longview Dam	Longview Dam (AKA Margaret Phillips Lake Dam) is a Safe Dams Program Category I structure located within the Fayette County Right-of-Way of Longview Road. The project consists of performing the necessary evaluation, design, permitting, and construction to bring the structure into compliance with the Georgia Safe Dams Act of 1978. There are two options to do so: upgrade the dam or breach the dam. The cost estimate is based on the preferred dam upgrade option.	$1,409,815.00
	Merrydale Dr	500' stream restoration, floodplain storage	$125,000.00
	Oak St	3'x2' RBC, 80'	$78,506.47
		TOTAL :	**$2,908,888.55**

CATEGORY II

Project ID	Project Name	Replacement Description	Tier	Cost
	Avalon Dr	48" RCP, 300'	1	$105,531.97
	Brandon Mill Cir - South	8'x4' RBC, 200'; system evaluation	1	$300,321.42
	Broom Blvd	dbl 8'x5' RBC, 70'	1	$322,898.88
	Callaway Rd	trp 10'x4' RBC, 80'	1	$406,887.39
	Chappel Rd	dbl 8'x5' RBC, 70'	1	$331,399.88
	Deer Forest Trl	4'x3' RBC, 100'	1	$117,547.83
	Dogwood Trl	trp 7'x7' RBC, 80'	1	$411,832.37
	Lees Mill Rd	trp 9'x8' RBC, 35'	1	$246,586.75
	Mercedes Trl	dbl 8'x4' RBC, 60'	1	$173,524.76
	Morning Dove Dr	dbl 10'x4' RBC, 70'	1	$245,100.25
	Patricia Ln	8'x4' RBC, 150'	1	$209,317.86
	Roberts Rd	trp 10'x4' RBC, 85'	1	$359,641.62
	Scott Blvd	4'x2' RBC, 50'	1	$79,071.74
	Silver Leaf Dr	dbl 4'x3' RBC, 140'	1	$165,421.27
	Westbridge Dr	5'x3' RBC, 45'	1	$83,260.95
	Westbridge Dr	5'x3' RBC, 45'	1	$85,014.85
		Tier 1 Subtotal		**$3,643,359.79**