COUNTY AGENDA REQUEST

Department:	Stormwater Utility	Presenter(s):	Director Vanessa Birrell
Meeting Date:	Thursday, October 23, 2014	Type of Request:	Consent

Wording for the Agenda:

Approval of staff's request to amend the 2015 Stormwater CIP Budget by using $203,100.00 allocated for Morning Dove Drive Pipe Replacement, Acct # 5509G, in a not -to-exceed amount of $80,000.00 for engineering design of multiple projects; $74,800 for Merrydale Pipe Replacement; and to add $48,300.00 to in-house replacements of Category II Tier I Stormwater Infrastructure Project, Acct# 5509I.

Background/History/Details:

The Morning Dove Drive culvert replacement is estimated to cost $203,100.00 as approved in the 2015 Stormwater CIP Budget. This estimate includes costs for both engineering design and construction. Staff is recommending that several projects' engineering design be solicited at once, including the Morning Dove Drive project, to reduce engineering design costs. Staff is requesting that Morning Dove Drive and other Category II Tier I projects identified on the Stormwater Infrastructure Project Unconstrained List be solicited for an amount not-to-exceed amount of $80,000.00. Morning Dove Drive culvert construction costs will then be budgeted in 2016.

Continued erosion occurring at 295 Merrydale will cause an impact to the road integrity. Staff is proposing to replace the pipe under the road, extend it to a drop structure and then stabilize the eroded channel from the drop structure outlet. One option is to install stone-filled gabion baskets at the outlet. This design is intended to reduce erosive stormwater velocities and stop further erosion occurring towards the road. A concept level cost estimate is $74,800 for equipment, labor and materials. Staff is recommending this project be placed on the Stormwater Infrastructure Implementation Plan list.

Staff is recommending the remaining $48,300 be place in Stormwater CIP Account # 5509I for installation of in-house Cat II Tier I project installation after engineering design is completed. Construction costs for the Morning Dove pipe replacement will be budgeted in 2016.

What action are you seeking from the Board of Commissioners?

Approval of staff's request to amend the 2015 Stormwater CIP Budget by using $203,100.00 allocated for Morning Dove Drive Pipe Replacement (Acct # 5509G) for a not -to-exceed amount of $80,000.00 for engineering design of multiple projects; $74,800.00 for Merrydale Pipe Replacement; and to add $48,300.00 to in-house replacements of Category II Tier I Stormwater Infrastructure Project Acct# 5509I.

If this item requires funding, please describe:

Proposed engineering design costs and Merrydale pipe replacement will be funded from $203,100 allocated in the 2015 Stormwater CIP Budget for Morning Dove (Acct 5509G) and the remaining $48,300 be placed in Stormwater CIP Acct 5509I.

Has this request been considered within the past two years?	No	If so, when?	
Is Audio-Visual Equipment Required for this Request?*	Yes	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	
Approved by Purchasing	Not Applicable	County Clerk's Approval	Yes
Administrator's Approval			

Staff Notes:

This request realigns funds initially budgeted for Phase I Stormwater Projects.

Implementation Plan Cat II Tier I - Project List

Project ID	Project Name	Project Description	Cost Estimate	Funding Source	Fiscal Year
SIP-13-001	Brittany Way	Road floods during the 2-year storm event.	$75,000.00	Stormwater Uti	FY-14
SIP-13-003	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.	$1,720,000.00	Resolution 201	FY-14
SIP-13-004	Kozisek Dam	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	Resolution 201	FY-14
SIP-13-005	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.	$65,000.00	Stormwater Uti	FY-14
SIP-13-006	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.	$469,000.00	Resolution 201	FY-14
SIP-13-007	Merrydale Dr	Drainage is causing erosion towards road.Project consists of replacing pipe under road and extending to a drop structure to slow down erosive velocity.	$74,800.00	Stormwater Uti	Budget Amend

Project ID	Project Name	Project Description	Cost Estimate	Funding Source	Fiscal Year
SIP-13-008	Oak St	3'x2' RBC, 80'	$80,000.00	Stormwater Uti	FY-14
SIP-13-009	Avalon Dr	48" RCP, 300'	$105,531.97		
SIP-13-010	Brandon Mill Cir - South	8'x4' RBC, 200'; system evaluation	$300,321.42		
SIP-13-011	Broom Blvd	dbl 8'x5' RBC, 70'	$322,898.88		
SIP-13-012	Callaway Rd	trp 10'x4' RBC, 80'	$406,887.39		
SIP-13-013	Chappel Rd	dbl 8'x5' RBC, 70'	$331,399.88		
SIP-13-014	Deer Forest Trl	4'x3' RBC, 100'	$117,547.83		
SIP-13-015	Dogwood Trl	trp 7'x7' RBC, 80'	$411,832.37		
SIP-13-016	Lees Mill Rd	trp 9'x8' RBC, 35'	$246,586.75		
SIP-13-017	Mercedes Trl	dbl 8'x4' RBC, 60'	$173,524.76		
SIP-13-018	Morning Dove Dr	Replace 120 linear ft. of 84 and 74 in. diameter culverts with two 10 X 4 ft concrete box culverts 70 ft. long.	$245,100.25	Stormwater Uti	FY-15
SIP-13-019	Patricia Ln	8'x4' RBC, 150'	$209,317.86		
SIP-13-020	Roberts Rd	trp 10'x4' RBC, 85'	$359,641.62		
SIP-13-021	Scott Blvd	4'x2' RBC, 50'	$79,071.74		
SIP-13-022	Silver Leaf Dr	dbl 4'x3' RBC, 140'	$165,421.27		
SIP-13-023	Westbridge Dr	5'x3' RBC, 45'	$83,260.95		
SIP-13-024	Westbridge Dr	5'x3' RBC, 45'	$85,014.85		
			$6,377,159.79		