

Drainage Capital Projects

Concrete Lined Channel Rehabilitation Project

DR1401

PROJECT DESCRIPTION & JUSTIFICATION

This project involves beginning a rehabilitation process of the City's seven (7) miles of concreted lined channels. The scope of the project will include repairing areas of concrete lined channels that have deteriorated, cracked, dropped, collapsed, heaved or hold water due to heavy ground movement and/or age. The list of needed repairs will include patching sections of channel walls and bottoms and replacement of sections of channel walls and bottoms. Staff has inventoried all concrete lined channels and estimates that 50,000 square foot of repairs are initially needed to begin the repair process.

Concrete channels transport storm water run-off during rain events. When those channels have areas of deteriorated walls or bottoms, flowing water has the ability to penetrate the sub-grade, which undermines the integrity of the channel and poses a threat to public and private property. Some areas in the concrete channels hold extensive amounts of water because of deterioration that has occurred, which becomes a breeding ground for mosquito larvae and raises citizen concern.

PROJECT STATUS

	ORIGINAL START DATE	2016/17 REVISION	ORIGINAL END DATE	2016/17 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2013	01/2016		
Other				

REVISION EXPLANATION

Available project savings in project DR1401 is being requested to be transfer into project DR1503 - Calloway Branch Channel Repair project. The construction bid received on DR1503 came in \$376,814.00 over the estimated budget.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2016/17	PROJECT REVISION	REVISED BUDGET THRU 2016/17	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$131,500	(\$83,815)	\$47,685		\$47,685
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$131,500	(\$83,815)	\$47,685	\$0	\$47,685
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	131,500	(83,815)	47,685		\$47,685
Other			0		\$0
Total	\$131,500	(\$83,815)	\$47,685	\$0	\$47,685

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2016/17	2017/18	2018/19	2019/20	2020/21	TOTAL
Projected						\$0