

## Drainage Capital Projects

### Meadowview Estates Channel Drainage Improvements

DR1004

#### PROJECT DESCRIPTION & JUSTIFICATION

This project consists of reconstructing the existing concrete channel from Northfield Park to Jill Court and reconstructing a larger bridge (box culverts) at Northfield Drive. The length of the channel is approximately 1,800 linear feet. The new box culverts will be designed for the 100 year rain event.

This channel was constructed in the early 1980's. Sections of this channel are failing and are a continuous maintenance problem. The failed sections are also causing erosion problems to adjacent property owners. A section of the channel failed a few years ago and cost approximately \$70,000 for this one repair. In addition to the channel failing, the concrete portion of the channel was only designed for the 25 year rain event. This project will extend the concrete lining to the top of the bank and consequently, will provide for more channel capacity. This will eliminate the need to mow or apply herbicide to the section of side slop that is currently earthen bank and as such will reduce future maintenance cost.

#### PROJECT STATUS

	ORIGINAL START DATE	2016/17 REVISION	ORIGINAL END DATE	2016/17 REVISION
Professional Services				
Engineering	09/2010	04/2013		
Land/ROW Acquisition				
Construction	04/2014	10/2015		
Other				

#### REVISION EXPLANATION

Available project savings in project DR1004 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
<b>FUNDING SOURCES</b>					
General Obligation Bonds	\$1,743,222	(\$113,943)	\$1,629,279		\$1,629,279
			0		\$0
			0		\$0
			0		\$0
			0		\$0
<b>Total</b>	<b>\$1,743,222</b>	<b>(\$113,943)</b>	<b>\$1,629,279</b>	<b>\$0</b>	<b>\$1,629,279</b>
<b>PROJECT EXPENDITURES</b>					
Professional Services			\$0		\$0
Engineering/Design	415,000	(21,943)	393,057		\$393,057
Land/ROW Acquisition			0		\$0
Construction	1,328,222	(92,000)	1,236,222		\$1,236,222
Other			0		\$0
<b>Total</b>	<b>\$1,743,222</b>	<b>(\$113,943)</b>	<b>\$1,629,279</b>	<b>\$0</b>	<b>\$1,629,279</b>

#### 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