# Drainage Capital Projects <br> Walker Branch Channel Repair (200 ft. South of Harwood Road) <br> DR1701 

## PROJECT DESCRIPTION \& JUSTIFICATION

The project consists of engineering and reconstructing approximately 400 feet of gabions along the Walker Branch Channel. The project begins south of Harwood along the west bank and will focus on two areas where the gabion baskets have failed. Because of record rainfall received in 2015 following years of drought conditions significant erosion has occurred in recent months. As a result of the soil conditions due to these weather events, the Walker Branch Channel has experienced several failures along the banks adjacent to residential properties and the situation continues to deteriorate. Without fortification of the bank in this area, the erosion will progress into private property.

| PROJECT STATUS | ORIGINAL START DATE | 2018/19 <br> REVISION | ORIGINAL <br> END DATE | 2018/19 <br> REVISION |
| :---: | :---: | :---: | :---: | :---: |
| Professional Services | 04/2018 |  | 10/2019 |  |
| Engineering |  |  |  |  |
| Land/ROW Acquisition |  |  |  |  |
| Construction | 11/2019 |  | 05/2020 |  |
| Other |  |  |  |  |
| REVISION EXPLANATION |  |  |  |  |

FINANCIAL DATA

|  | ADOPTED BUDGET THRU $2018 / 19$ | PROJECT REVISION | REVISED BUDGET THRU $2018 / 19$ | REMAINING BALANCE | TOTAL PROJECT COST |
| :---: | :---: | :---: | :---: | :---: | :---: |
| FUNDING SOURCES |  |  |  |  |  |
| Reserve | \$627,850 | (\$320,000) | \$307,850 |  | \$307,850 |
|  |  |  | 0 |  | \$0 |
|  |  |  | 0 |  | \$0 |
|  |  |  | 0 |  | \$0 |
|  |  |  | 0 |  | \$0 |
| Total | \$627,850 | (\$320,000) | \$307,850 | \$0 | \$307,850 |
|  |  |  |  |  |  |
|  |  |  | \$0 |  | \$0 |
| Engineering/Design | 160,000 |  | 160,000 |  | \$160,000 |
| Land/ROW Acquistion |  |  | 0 |  | \$0 |
| Construction | 467,850 | $(320,000)$ | 147,850 |  | \$147,850 |
| Other |  |  | 0 |  | \$0 |
| Total | \$627,850 | (\$320,000) | \$307,850 | \$0 | \$307,850 |

## IMPACT ON OPERATING BUDGET

No operating impact is expected.

| ANNUAL OPERATING IMPACT | $2018 / 19$ | $2019 / 20$ | $2020 / 21$ | $2021 / 22$ | $2022 / 23$ | TOTAL |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Projected |  |  |  |  |  |  |

