**Park & Stormwater Sales Tax Fund – Capital Improvement Projects**

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| --- | --- |
| **Project Name:**  **Stonebridge Stormwater Improvements** | **Department:**  **Public Works (Streets)** |
| **Type of Project:**  **New Improvements** | **Contact**:  **Chuck Soules** |
| **Total Project Cost:**  **$200,000** | |

**Description:**

Established in 1994, the Stonebridge subdivision is located near Smithville High School and includes 12 single-family residential units surrounding a retention pond owned by the subdivision. In August 2017, significant rainfall resulted in severe flooding of the 12 homes, which resulted in property and vehicle damage. Participants who attended stormwater master planning sessions who lived in Stonebridge at this time noted that some homes had up to 3 feet of standing water in their garages. This area was identified by City staff as well as residents and should be evaluated to reduce the flooding issues in the neighborhood.

**Justification:**

City staff believe that the overflow pipe may have been set at the wrong elevation. After a dam collapse, the outfall was upsized to three 30” stormwater pipes, but the water still overtops the emergency spillway during high intensity rainfall events (such as 2.5” of water in 30 minutes or 7” in 24 hours). The overflow basin is not functioning properly.

**Impact on Operating Costs**

Permanently correcting these issues will result in less maintenance costs as the City would no longer need to contract out large scale maintenance and repairs following major rainfall events.

**Planned Expenditures**

|  |  |  |
| --- | --- | --- |
| **Development Phase** | **FY 2024** | **Total** |
| **Engineering** | $50,000 | $50,000 |
| **Construction** | $150,000 | $150,000 |
| **Total** | **$200,000** | **$200,000** |

**Funding Sources**

|  |  |  |
| --- | --- | --- |
| **Source** | **FY 2024** | **Total** |
| **Park & Stormwater Sales Tax** | $200,000 | $200,000 |
| **Total** | **$200,000** | **$200,000** |

**Updated**: August 21, 2023