This is the first of many project updates that will be available in the coming months and years regarding the long-term flood mitigation infrastructure improvements proposed for the Windsor Woods, Princess Anne Plaza, and The Lakes areas of the city.

During Hurricane Matthew in 2016, there was significant street and structural flooding, resulting in over 800 homes having varying levels of flood damage. Some of the factors that contributed to the flooding were:

- Low elevations and aging infrastructure
- Undersized existing storm drain pipes and lack of stormwater storage
- Tidal influence resulting in substantial reduction of stormwater storage in existing lakes and canals
- Intense storm events resulting in more frequent flooding and increased property damage

The initial engineering analysis has been completed, and it shows that a combination of infrastructure improvements are needed for the maximum benefit of flood mitigation. These improvements are:

- Tide gates to minimize tidal impacts and flooding
- Stormwater pump stations to manage water levels and increase storage capacity
- Creation of additional stormwater storage capacity to manage the water
- Storm drain pipes to move water within the system and reduce street flooding

The City has begun the design and construction of several of these projects as part of the process of mitigating the flooding.
Status of Current Projects

- **The Club House Road Storm Drain Project** constructs new storm drains along Club House Road - from the intersection of Rosemont Road to a new stormwater pond on the Bow Creek Golf Course. This project will help mitigate flooding along Rosemont Road. There was a public meeting on February 13th, 2019. The engineering design is complete, and the plan calls for construction to begin in the **spring of 2020**.

- **The Windsor Woods Tide Gate at Thalia Creek Project** is currently being designed and the plans call for construction to begin **mid-2021**. The environmental permitting for the Windsor Woods Tide Gate is still in process. The tide gate, when closed in advance of a major storm event at low tide, will create critical stormwater storage needed in Lake Windsor. Two public meetings for this project were held in November 2018.

- **The Bow Creek Stormwater Park Project** has been developed for the conversion of the golf course to a stormwater park. An open house meeting was held on October 3rd, 2019, to present the preliminary concept plan and to solicit comments from the public. In addition, we posted a survey on the City’s website where we received public comments from over **700 citizens**. The design team is reviewing and considering those comments as they continue to develop the design of the stormwater park.

- **The South Plaza Trail Storm Drain Project** involves constructing new storm drains along South Plaza Trail from Rosemont Road to Presidential Boulevard to the Windsor Woods Canal. This project will help mitigate flooding along Rosemont Road and South Plaza Trail. Engineering design is underway, and construction is expected to **begin in the summer of 2021**.

- **The Old Forge Road & Red Lion Road Storm Drain Project** involves constructing new storm drains along Old Forge Court, Old Forge Road to Red Lion Road, and along Red Lion Road to the Windsor Woods Canal. Engineering design is underway, and construction is expected to **begin in the summer of 2022**.

For additional information, maps, and brochures on the **overall drainage improvements** or individual projects, please visit: [www.vgbgov.com/windsor-woods](http://www.vgbgov.com/windsor-woods).

For more information about related projects please contact:

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