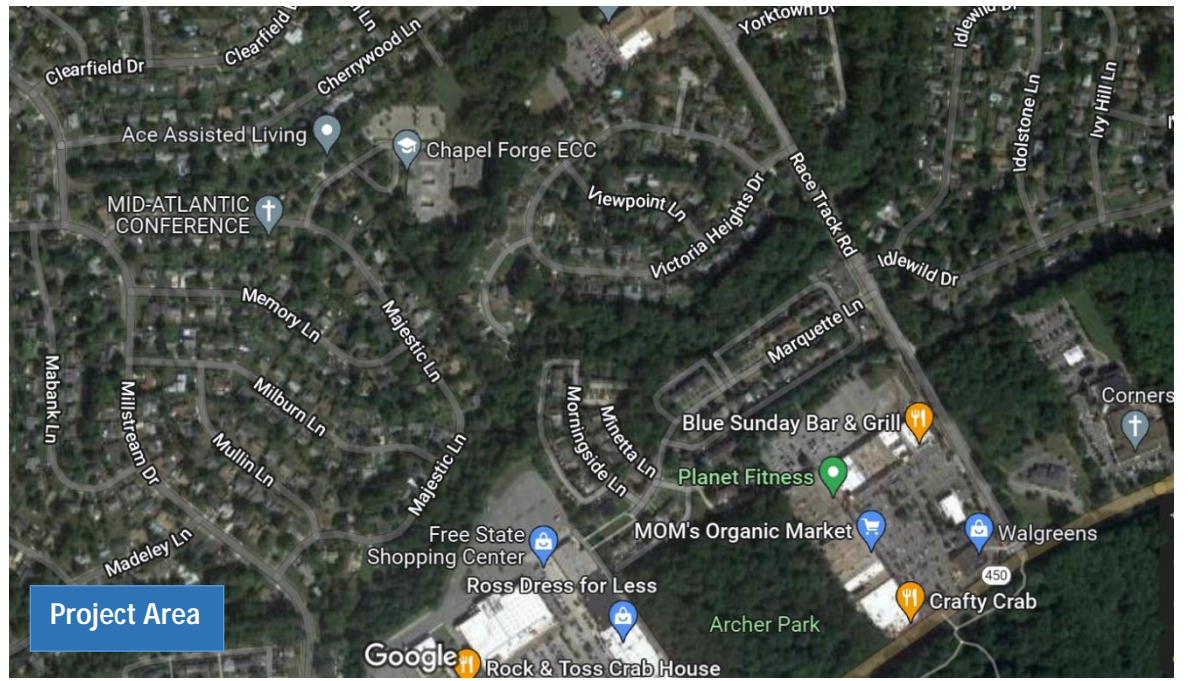


MB-MS-4 Stream Restoration

| | |
|--------------------------------------|--|
| Background | <p>The City of Bowie is required to comply with the National Pollution Discharge Elimination System (NPDES) permit for small Municipal Separate Storm Sewer Systems (MS4s). This MS4 permit, effective in 2017, mandates permittees to restore 20% of existing impervious area that is not already treated with water quality best management practices by 2025. By 2022, the City must develop an implementation schedule to show how the 20% requirement will be achieved by 2025.</p> <p>Since 2014, the City has contracted with several engineering consulting companies to assess and prioritize the projects for the impervious area restoration to maximize water quality and impervious acre credit for the City's MS4 permit. A few stream and pond restoration projects have been identified to meet this objective, which include the MB-MS-4 project. The City identified an approximately 900 linear feet (LF) reach of Millstream Branch as unstable in a stream prioritization report dated May 2020. Implementation of a stream restoration project at this site would assist the City in reaching its MS4 and Total Maximum Daily Load (TMDL) goals.</p> |
| Project Scope | <p>This project involves nearly 1,200 linear feet of stream restoration along Millstream Branch Mainstem Reach 4 as well as the stabilization of multiple storm drain outfalls along the reach and a sanitary sewer line crossing that is starting to become exposed along the top.</p> |
| Project Manager | <p>Name: Kui Lin Phone: 240-544-5689 Email: kui.lin@kci.com</p> |
| Total Project Cost | <p>Design Cost: \$172,256 Estimated Construction Cost: \$973,500</p> |
| Design Consultant | <p>A. Morton Thomas and Associates, Inc.</p> |
| Construction Contractor | <p>To be determined</p> |
| Anticipated Construction Date | <p>Spring 2023</p> |

**Images /
Attachments**



Last updated: 5/25/2022