

Pin Oak & Hall Road Drainage Basin Repair

Background	<p>Over the years there have been complaints from the residents about standing water at the infiltration drainage basin at the corner of Pin Oak Parkway and Hall Road, which in turn becomes a breeding ground for mosquitoes. This project is intended to fix the drainage issue at the infiltration basin.</p> <p>In addition, 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. 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 municipal separate storm sewer system (MS4) permit. A few stream and pond restoration projects have been identified to meet this objective, which include the Pin Oak & Hall Road Drainage Basin Repair project.</p>
Project Scope	The proposed work includes demolition of existing infiltration basin and installation of submerged gravel wetland with associated appurtenances to improve the stormwater management system in the project area, which qualifies for the impervious area credits as required by the City of Bowie MS4 permit.
Project Manager	Name: Kui Lin Phone: 240-544-5689 Email: kui.lin@kci.com
Total Project Cost	Design Cost: \$28,753 Estimated Construction Cost: \$130,531
Design Consultant	BayLand Consultants & Designers, Inc.
Construction Contractor	Environmental Quality Resources, LLC
Anticipated Construction Date	June 2022 – October 2022

