

March 28, 2022

**SUBJECT: GI/LID PRACTICES AT NEW DEVELOPMENT AND REDEVELOPMENTS
IN THE CITY OF AUSTELL, GA**

Dear Prospective Developer and Builder:

In accordance with State and Federal mandates, the City of Austell's Stormwater Management Program has developed an effective Green Infrastructure (GI) / Low Impact Development (LID) Program. An important component of this program is evaluating the feasibility and site applicability of different GI/LID techniques and practices at new developments and redevelopments throughout the city. The purpose of this letter is to provide a brief overview of GI/LID and request that you include one or more of these techniques in your proposed project to reduce the volume and/or improve the quality of stormwater runoff from your site.

What is GI/LID?

GI/LID refers to a broad range of stormwater practices and structures for a variety of purposes including water quality improvement and combined sewer overflow reduction. It includes a diverse set of site planning techniques (i.e., protection of conservation areas), site design techniques (i.e., reducing impervious surface), and LID structures (i.e., bio-retention areas, enhanced swales, pervious pavement).

The Georgia Environmental Protection Division (GAEPD) define GI/LID as including the following:

- Better Site Planning Techniques (i.e., protection of conservation areas)
- Better Site Design Techniques (i.e., reducing roadway lengths and widths, reducing parking lot footprints)
- Low Impact Development Structures (i.e., green roofs, permeable pavement, vegetated filter strips, rain gardens)

How to meet the requirements of Austell's GI/LID Program?

To promote the use of GI/LID where it is feasible, the city will allow the use of all GI/LID structures, better site planning techniques, and better site design techniques that are included in the GSMM. Recommended structures include, but are not limited to:

- Bioretention Basins
- Enhanced Dry Swales
- Enhanced Wet Swales
- Grass Channels
- Infiltration Practices
- Permeable Paver Systems

A copy of the City's GI/LID Program dated October 2020 may be found on the City of Austell's web site or obtained by request from the Public Works Department. The report includes summary of structures categorized as GI/LID and a summary of better site planning and design techniques. The detailed descriptions in Volume 2 of the 2016 Georgia Stormwater Management Manual (GSMM) provide additional information related to design criteria, advantages/disadvantages, maintenance needs, pollutant removal calculations, stormwater management suitability, implementation considerations, runoff reduction credits and other useful information.

The City understands that the feasibility and successful implementation of individual structures and techniques is site-dependent, and we encourage you to use the information provided in the listed resources to determine effective practices and/or techniques for your project. As part of the plan review process, Austell's Public Works Department works with applicants to determine appropriate features based on the characteristics of a site. If use of GILID is not feasible at your site based on specific criteria presented in the City's GILID Program, a written application may be submitted by the design engineer to the City of Austell for consideration.

Please contact us at (770) 944-4325 option 4 if you have any questions regarding this letter or the City's Stormwater Management Program. Additional information may be found on the City's website at <https://www.austellga.gov/GreenInfrastructureandLowImpactDevelopment.aspx>

Thank you for helping protect and preserve our critical water resources.

Sincerely,



Bo Garrison
Public Works Director