

## Impervious Study

Clarksburg Road @ Snowden Farm Parkway

The Montgomery County Department of Transportation office is proposing to widen Clarksburg Road from Catawba Manor Way to north of Snowden Farm Parkway. This project will also include intersection improvements for Clarksburg Road and Snowden Farm Parkway to improve sight distance as well as the design of a new sidewalk and sidewalk/bike path. Within the limits of disturbance there is a net increase of impervious area. The increase is due to roadway widening and the introduction of the new sidewalk/bike path. The project is subject to Environmental Site Design requirements. Stormwater management has been implemented to provide treatment for the entirety of the ESDv. A summary of the impervious area and treatment provide is shown in table 1. The southern portion of the project is located within the Clarksburg Special Protection Area (SPA).

Figure 1-Project Vicinity Map (Scale 1: 1000)



Table 1: Impervious Summary and Treatment Totals

	Limit of Disturbance	Existing Impervious	Post Impervious	Net increase of Impervious	Impervious Area Treated	ESDv Required	ESDv Treated
	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(cf.)	(cf.)
Total	5.94	0.55	1.69	1.19	1.41	12,930	13,185