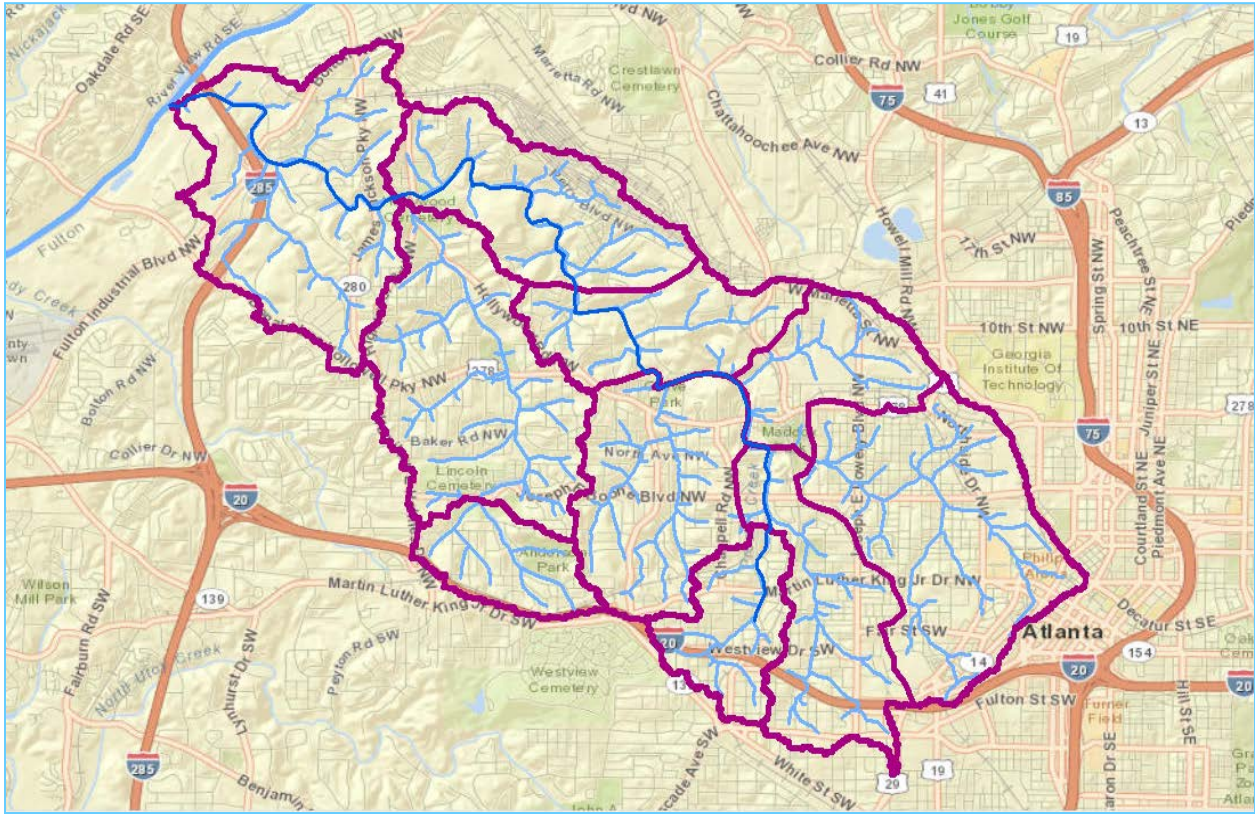
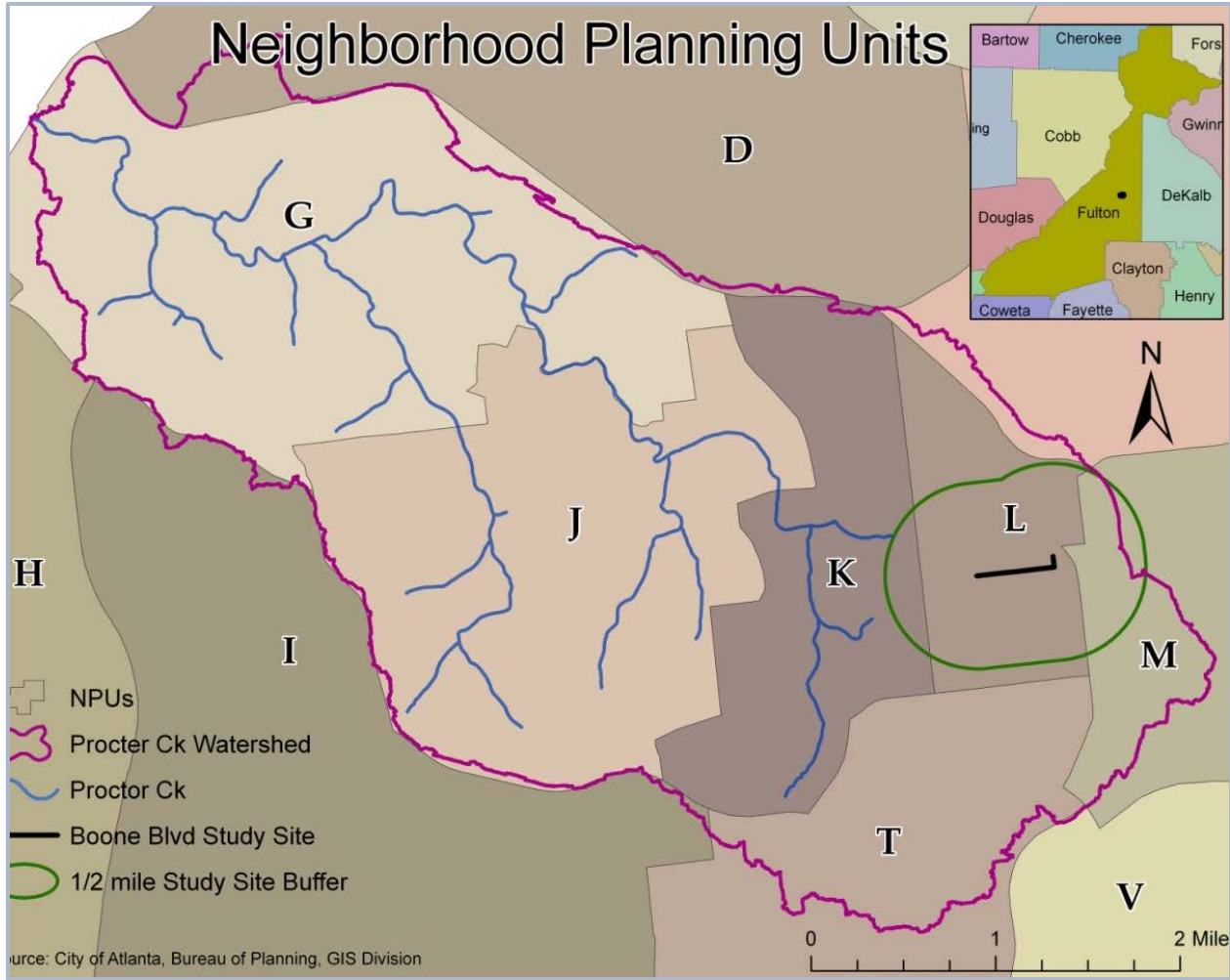


Maps of the area – The watershed covers about 28 square miles in SW Atlanta and its location is completely within the limits of the City of Atlanta and Fulton County. The Creek and its tributaries flow in a northwest direction to the Chattahoochee River.



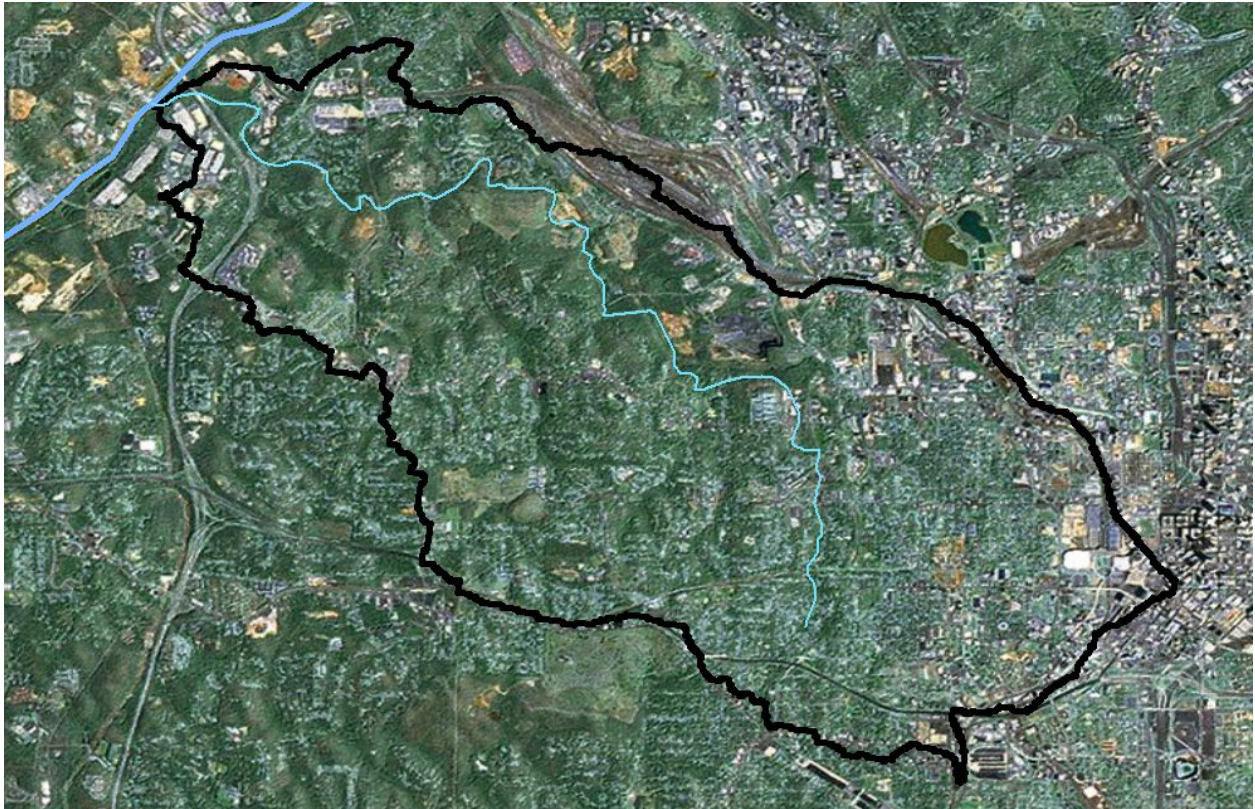
# Neighborhood Planning Units



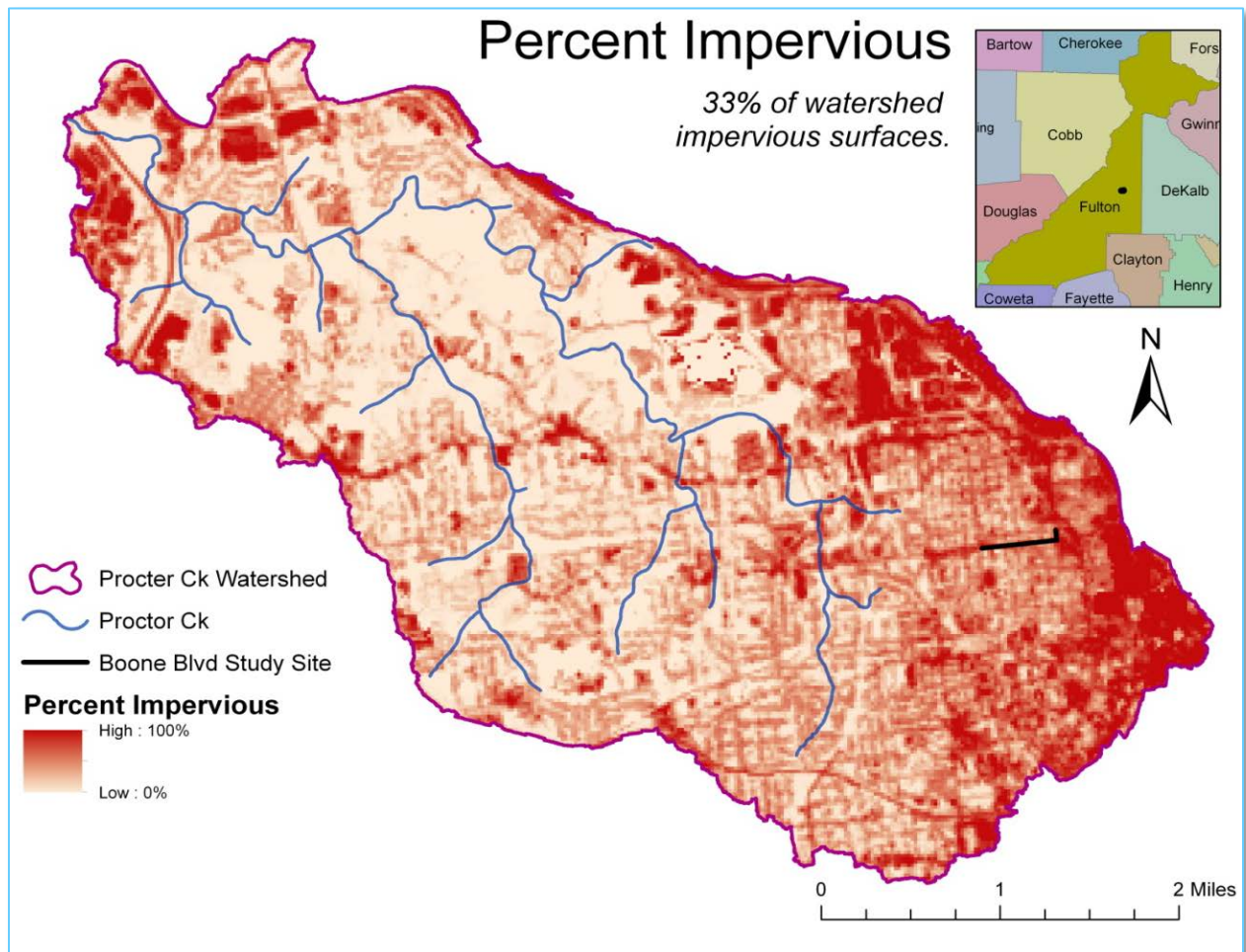
Source: City of Atlanta, Bureau of Planning, GIS Division

The Sam Nunn Federal Center and the Gulch (transportation hub undergoing an EIS study right now)

This shows that even though this is an urban watershed it still contains a significant amount of greenspace, which is something that we need to preserve while still being able to revitalize communities and grow their economies.



As you can see by the red on this map, the watershed contains a very high percentage of impervious surfaces that prevent water from being able to infiltrate back into the ground. During rain events high volumes of stormwater flow quickly through the urban area and into the community and Proctor Creek. Research conducted by EPA, has shown that a significant reduction in water quality occurs when the amount of impervious surfaces in a watershed go above 10 %. This high volume of water flowing quickly through the stormwater system also lead to sanitary sewer overflows, combined sewer overflows, and stream bank erosion. All of which are problems occurring within this watershed.



This is a map developed by our GIS analysts on the 14<sup>th</sup> floor. They developed a wetness index where they can look at soil types and other conditions and determine the most likely places for wet conditions to occur. These are also locations where we would expect high flooding to occur. This map doesn't take into account the amount of impervious surfaces as well so you can expect even more water to be in the communities that what is reflected here. As you can see, the places we expect to have wet conditions are in many of the neighborhoods experiencing significant flooding.

