

An aerial photograph of a city intersection, likely in Stafford County, Virginia. The image is overlaid with a green, geometric network of lines and nodes, representing a smart city connectivity solution. The network is centered on the intersection and extends to the surrounding buildings and streets.

BrightSites

by Signify

Broadband connectivity in smart communities in the US

The opportunity

Stafford County created a testbed to showcase how to deploy broadband in urban, suburban and rural regions of the county and the state of Virginia. The vision is to make the Commonwealth of Virginia a leading state in Smart Community implementation, focusing on the economic, and social benefits of digital transformation.

The solution

The installation including the BrightSites Smart Pole and Broadband Luminaires was completed beginning of Q2 2022 and is located on the Stafford County Government Center campus. The broadband solution allows communities to quickly rollout next generation Smart City connectivity solutions. The Testbed is the first involving an IoT platform fully integrated with 5G, Wi-Fi 6, and other new and emerging technologies.

“As part of Stafford County’s digital transformation strategy, adding intelligence and connectivity to our lights will not only brighten our economic future but also serve as a showcase for all 95 counties in the State of VA to help bridge the connectivity gap. ”

John Holden, Director Stafford County Economic Development & Tourism



IoT Broadband Applications



Public Wi-Fi



CCTV

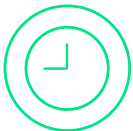


Fixed Wireless Access



Environmental Sensor

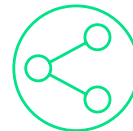
Benefits of BrightSites Solution



Time to market in lighting speed



Ultra high bandwidth



Future proof infrastructure



Sustainable solution



To learn more, go to
www.signify.com/brightsites