

2019 Georgia Smart Communities Challenge

City of Woodstock

Smart Woodstock Strategy & Smart Corridor Study

Introduction

September 5, 2019



GEORGIA SMART COMMUNITIES CHALLENGE

Woodstock, GA

- Population 32,000 2018 ACS
- Located off I-575, 30 mi. to ATL



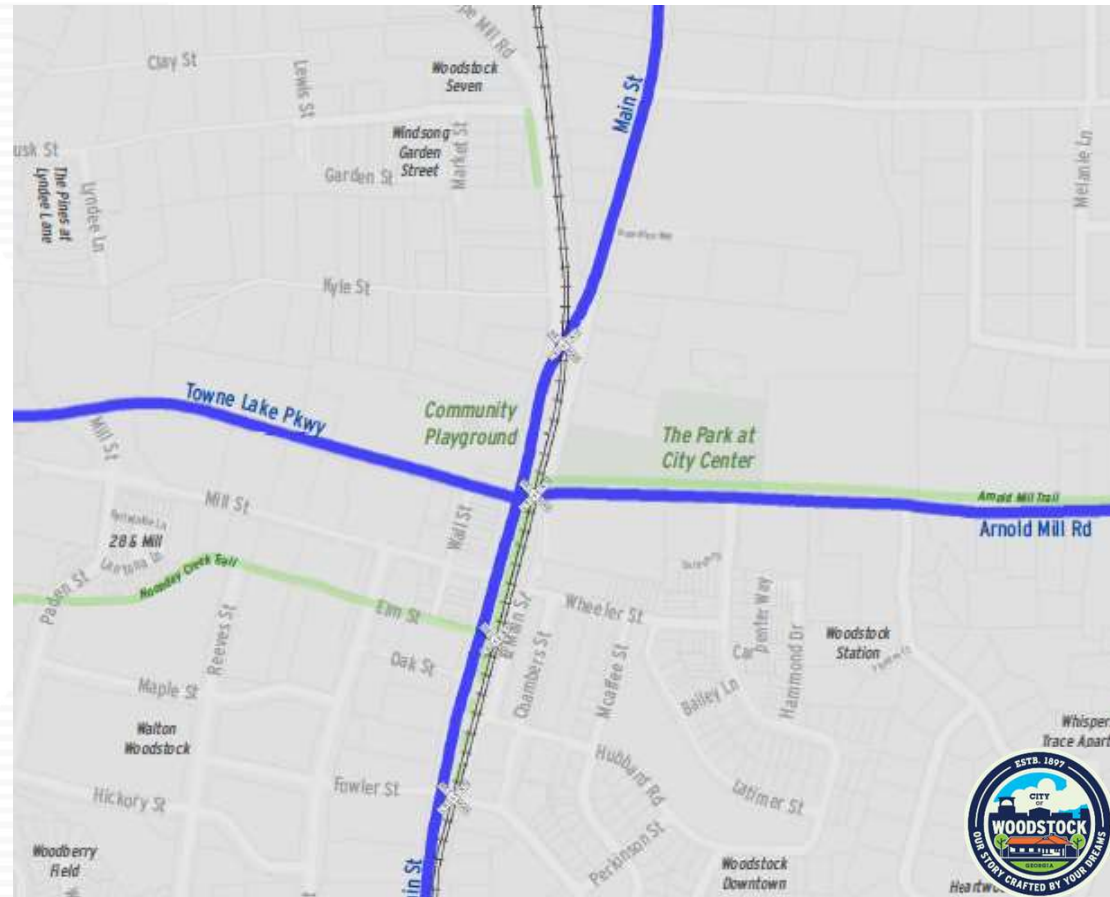
smartcities.gatech.edu

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- **Motivation:** The need to balance pedestrian comfort & safety with vehicular efficiency & commuter throughput in a booming walkable urban center
- **Downtown Activity:** It is estimated that over 100,000 people attended events in DT in 2018. Amphitheater, Farmer's Markets, Scarecrow Invasion, Friday Night Live
- **Commuter Traffic:** 2,000 cars per day moving east-west



GEORGIA SMART COMMUNITIES CHALLENGE

Project Team

- Rob Hogan
Public Works Director
- Katy Leggett, GISP
GIS Manager
- Brantley Day, AICP Community
Development Dir.
- Janis Steinbrenner, P.E.
City Engineer
- Jamie Palmer
Development Services Spec.
- Colin Ake
City Council, Ward 3
- Matt Newman
Planning Commission, Ward 2

RESEARCH

Georgia Tech Research Team
Led by Ramachandra Sivakumar

ADVISORY

Black Airplane

Woodstock
Downtown
Development
Authority

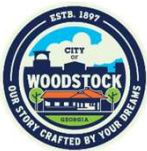
City of Woodstock
Katie O'Connor, AICP,
Senior City Planner
Project Lead

CITY PROJECT TEAM

CONSULTANT TEAM

Contract to be
awarded Sept. 16

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GEORGIA SMART COMMUNITIES CHALLENGE

Vision and Impact

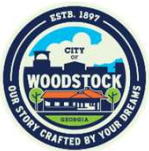
GOAL: Leadership in municipal efficiency and smart governance, focusing on transportation systems and pedestrian safety using smart technology

GOAL: Quality of life outcomes for citizens identified, fulfilled, measured, and continuously evaluated

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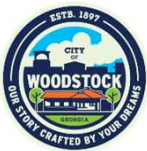


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Vision and Impact

GOAL: Readiness for taking advantage of new technological and scientific advances; ability to perform rapid-fire testing of new ideas with pre-identified funding sources and collaborative partnerships

GOAL: Investment in sustainable technology infrastructure that can balance walkability and transportation efficiency, helping to drive economic development and maintain downtown character and vibrancy



GEORGIA SMART COMMUNITIES CHALLENGE



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Vision and Impact

GOAL: Investment in data capture which can shed light on our most troubling issues now and in the future, and will make research possible that cannot yet be imagined

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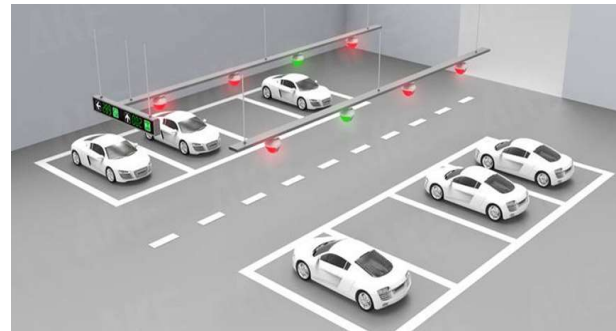


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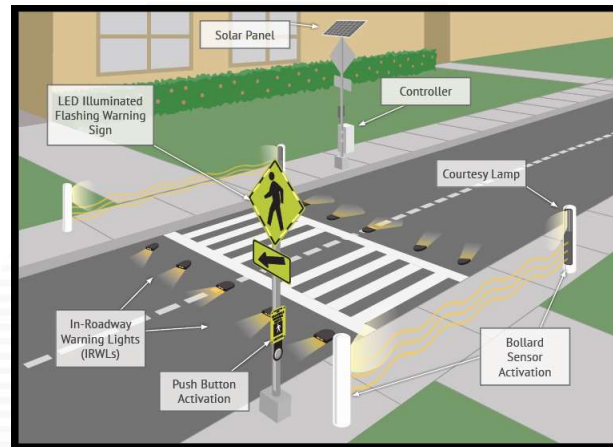
Research Focus

Smart Woodstock Strategy:
Smart data governance charter
Citizen participation – Survey
Smart

Smart Corridor Study:
Evaluating emerging smart
technologies to address
Woodstock specific mobility
and safety concerns



Source: lightguardsystems.com



Source: park-it-solutions.com

Pedestrian
Facilities

Wayfinding

Parking

Signals

Sidewalks