Defining Project Scope for ‘Smart City’ Redevelopment Corridor
GOALS

Greensboro’s Goals

- Revitalizing Gate City Boulevard as a smart, multi-modal corridor that supports a welcoming, vibrant and diverse mixture of uses and destinations by 2022
- Successful model for redevelopment of other corridors in Greensboro and other communities

Targets

- Reduce the daily hours of recurring congestion by 25% by 2030
- Reduce total vehicle fuel consumption by 20% by 2030
- Increase total number of jobs by 10% by 2020
- Increase Accessibility to underserved areas by 25% by 2030

Timeframe

- Implementation by 2022
KEY SOLUTIONS

• **Big data collection and high-performance computing** analytics to drive service improvements, increased cost effectiveness, and reduction in carbon footprint
  – Smart water meter system
  – Duke Energy grid
  – Sensors

• **Smart transportation investments**
  – Transit circulator
  – Bike Share
  – Autonomous vehicle system support network

• **Pervasive Network Connectivity** (connected by City fiber network and WiFi)
  – Smart LED lighting
  – Interactive kiosks
  – VR tours
KEY STAKEHOLDERS

- University of North Carolina at Greensboro
- NC A&T State University
- Gateway University Research Park
- Union Square
- NCDOT, FHWA
- Duke Energy
- Greensboro Coliseum
- Transit Alliance of the Piedmont
- PART, PTRC
- Koury Corporation
- Central Gateway Corridor Partnership
- Downtown Greensboro, Inc
- Action Greensboro
- Greensboro Convention and Visitors Bureau
- Volvo Trucks, North America
- Code for Greensboro
- Bicycling in Greensboro
- SAS
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