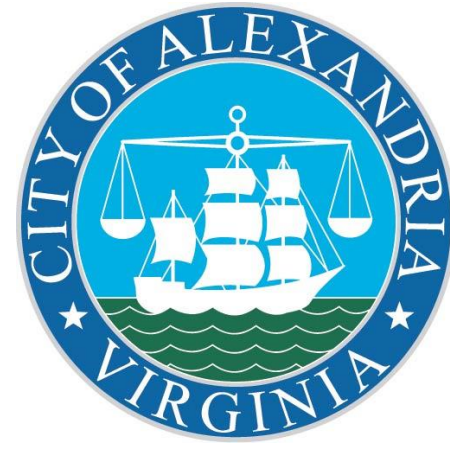# meet ALEXANDRIA

Smart Mobility

CITY OF ALEXANDRIA VIRGINIA

Programs

Transit
- Transit signal priority, mobile fare payment, real-time arrival screens, real-time transit feed

Parking
- Streamlined enforcement, pay-by-phone parking, variable rate meters, curbside management

Public Safety
- Emergency routing support, emergency vehicle preemption

Road Weather
- Floods sensors, weather stations, weather-informed emergency routing support

Mobility on Demand
- Dockless mobility pilot, Capital Bikeshare expansion, continued car-sharing and ride-hailing

Traffic Signals
- Intelligent/adaptive signal systems, transit signal priority, emergency vehicle preemption

Performance Monitoring
- Expand Bluetooth and sensor data collection, research HOV sensors and video and cellular data collection

Infrastructure
- Expand fiber optics, upgrade traffic signals, expand CCTV, research LED roadside lighting
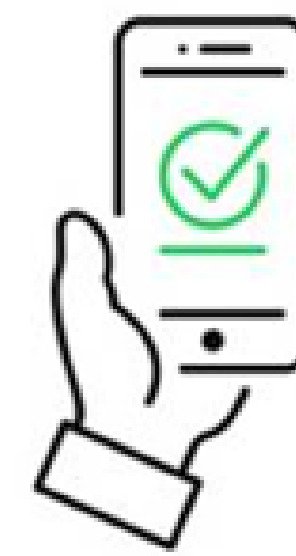
Information Technology
- Upgraded traffic management center, regional data exchanges, interactive maps

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What is Smart Mobility?

- Applying Information Technology (IT) to the transportation system
- Improving how we travel by supporting more affordable and sustainable mobility choices
- Using advancements in IT to collect, analyze, and apply data to optimize the transportation network

Strategy

- Proactive, innovative approach
- Organizing existing and planned efforts under one umbrella
- Interdepartmental team of City staff
- Implementable solutions to immediate problems
- Laying the groundwork for emerging and future technologies

Guiding Principles

Principle	Description
Safety	Eliminate all traffic fatalities and severe injuries while increasing safe, healthy, equitable mobility for all.
Mobility	Improve accessibility and transportation options for residents and visitors of all abilities.
Forward-looking	Proactively plan for emerging ad future transportation technologies.
Sustainability	Improve environmental quality and resiliency.
Traffic Management	Optimize traffic flow on City streets, improving travel times and reducing congestion.
Transparency	Use data and analytics to improve decision-making and City services while broadening public access to information.