



# Technology and Transportation

Technology is playing an increasingly important role in the region's transportation system. The Greater Nashville Regional Council works closely with local governments, the Tennessee Department of Transportation, and mobility providers to assist with the planning and implementation of technology that optimizes the performance, safety, and accessibility of multimodal transportation services.

## What role does technology play in our transportation system today?

A number of technology investments have already been made in the regional transportation system and have been making our mobility infrastructure safer and more efficient.

Devices such as **connected signals** improve the flow of traffic along a corridor.

**Dynamic message signs** communicate important travel information to drivers.

**Sensors count vehicles** and report pavement conditions.

Mobile apps provide **real-time congestion information**, alternate routing options, and availability of shared mobility such as transit, ride hailing, and micro-transit services.

## How are we preparing for emerging transportation technologies?

GNRC is leading the region's first smart mobility assessment to inform the implementation of future investments in technology.

This effort will identify characteristics of connected systems, assess how they will interface with multi modal systems, and address data sharing among cities, counties and the state, as well as evaluate privacy concerns of the public.

Through this assessment GNRC is working with local and state governments, research universities, and the private sector to ensure a regional vision around smart mobility is coordinated, inclusive, and supportive of the high quality of life our residents expect.

Our regional transportation system will continue to see more technology deployed in both the physical infrastructure as well as in individual vehicles.



Greater Nashville Regional Council

# Smart Mobility Assessment

## Smart mobility

refers to how technological advances enable improvements to the performance of transportation infrastructure and services, and enhances how users interact with the transportation system.

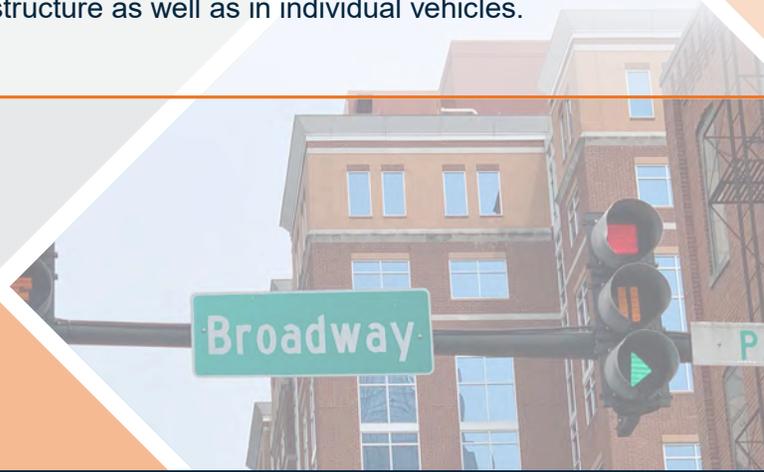


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Questions about  
Smart Mobility?

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