HELPING PICTURE

THE FUTURE OF TRANSPORTATION

INNOVATIVE
Technology in Transportation

RENEWED
Community Growth in Transportation

GLOBALLY CONNECTED
Economic Growth in Transportation

UNSTABLE
Uncertainties in Transportation

4 DIFFERENT SCENARIOS BASED ON "WHAT IFS"

Scenario planning helps develop different views of the future, helping the N.C. Department of Transportation better understand how to prepare long-range transportation plans that consider how people and goods may one day travel.

The NC Moves 2050 Plan explores four different scenarios to help picture our transportation future. These scenarios help us understand what could happen, not predict what will happen.

NCDOT INNOVATIVE STRATEGIES

These scenarios will inform transportation needs and strategies, which are important to NCDOT and its partners. Exploring different scenarios is valuable in long-range planning, keeping options open as future decision makers pursue creative solutions to transportation issues. NCDOT is using feedback on these scenarios to advance the NC Moves 2050 Plan and prioritize modern strategies.

INNOVATIVE
Technology in Transportation

A future where technology in transportation drives new development patterns and economic growth, resulting in a low-carbon, low-cost, shared, and more accessible multimodal system.
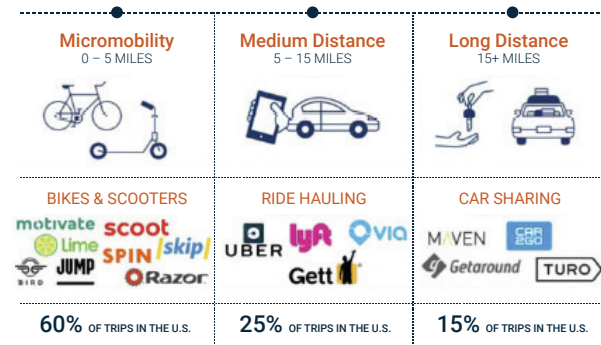
DRONES, DRIVERLESS & ELECTRIC VEHICLES

SHARED MOBILITY

DISRUPTING THE CAR
ALTERNATIVES TO CAR OWNERSHIP BY TRIP LENGTH

Micromobility	Medium Distance	Long Distance
0 – 5 MILES	5 – 15 MILES	15+ MILES
BIKES & SCOOTERS	RIDE HAULING	CAR SHARING
motivate, scoot, Lime, skip, SPIN, BIRD, JUMP, Razor	UBER, lyft, VIA, Gett	MAVEN, Getaround, TURO
60% OF TRIPS IN THE U.S.	**25%** OF TRIPS IN THE U.S.	**15%** OF TRIPS IN THE U.S.

RENEWED
Community Growth in Transportation

A future where small towns and rural communities grow and are more connected to each other and urban centers by various forms of transportation.

BALANCED GROWTH   **LOCAL ECONOMIES**   **CONNECTIONS**

GLOBALLY CONNECTED
Economic Growth in Transportation

A future where economic growth in manufacturing, technology, automation and services positions North Carolina as a leading market for a skilled workforce, connected to the world by international gateways and an efficient freight system.

INDUSTRY AUTOMATION   **DIVERSE WORKFORCE**

INTERNATIONAL PARTNERS

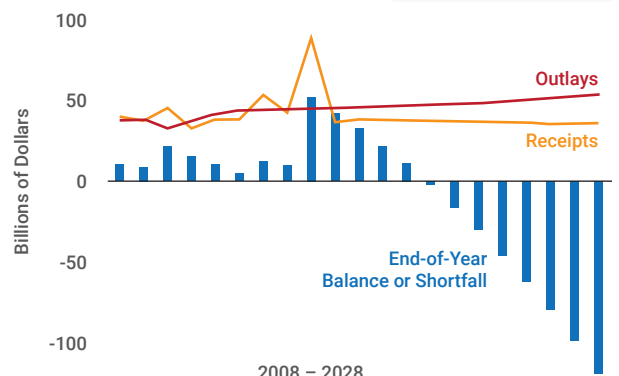# UNSTABLE
Uncertainties in Transportation

A future where funding instability, political and social events, environmental threats, and energy uncertainty stall tourism and stagnate the economy. This creates a transportation system where travel costs are high and mobility is more unreliable.

SEVERE WEATHER EVENTS

FUNDING CHALLENGES

Billions of Dollars

Outlays

Receipts

End-of-Year Balance or Shortfall

2008 – 2028