

Examples Other Cities Planning for Future Advancements in Transportation Technology

Jurisdiction Project	Challenge/ Goal	Project Description and Solutions	Similar Guiding Principles to Charlotte Moves Recommendations					
			Multi-modal	Partnerships	Safety Focus	Equity Driven	Prosperity & Growth	Environment
City of Columbus Smart Columbus	Connect underserved residents with jobs, health care, and educational opportunities.	Winner of a \$50M federal grant for the Smart Columbus including the operating System and a smart city data management platform as the centerpiece of the program. Connected and automated vehicle projects are part of the overall solution set, along with a multi-modal trip planning and payment app, an event parking management system, electric vehicle solutions and mobility hubs.	X	X	X	X	X	X
City of San Diego SANDAG 5 Big Moves	Integrate the Five Big Moves, conceived by SANDAG to improve regional mobility.	Planning and concept development for SANDAG's Five Big Moves: 1) Transit Surge, 2) Smart Corridors, 3) Mobility Hubs, 4) Flexible Fleets and a 5) Next Generation Operating System. SANDAG is now conducting corridor study framework to integrate the 5 Big Moves into each of the transportation corridors.	X	X	X	X	X	X
Michigan State DOT / Detroit MSDOT ITS Program office	NAIAS Mobility Challenge Economic Development for the City of Detroit	The Michigan DOT and the Michigan Economic Development Corporation set out to integrate emerging mobility solutions within the North American International Auto Show by preparing requirements and requests for proposals for a Mobility as a Service (MaaS) app provider and for Automated Vehicle Solution providers to highlight Detroit's role in the emerging mobility solution ecosystem. The MaaS app includes multimodal options and an integrated payment solution. Automated vehicle applications will 1) provide transportation from the Detroit-Wayne County International Airport (DTW) to downtown Detroit and 2) circulation services around downtown Detroit. HNTB is managing the deployments.	X	X	X	X	X	X
City of Los Angeles Valley Blvd BRT	Solve last mile connectivity into underserved communities	The project includes advanced Bus Rapid Transit (BRT) and Personal Rapid Transit (PRT) solutions with first and last mile connectivity into underserved communities. The project is unique due to the rail line that forms a barrier between neighborhoods. This project links other BRT lines within LA to Union Station and downtown LA.	X	X	X	X	X	X
Jacksonville Transit Authority The Ultimate Urban Circulator	Convert the existing Jacksonville Skyway people mover system into a more flexible and less costly automated shuttle network	JTA has reached end of life for the vehicles that are used on their dedicated guideway. They developed a plan to replace those vehicles with automated busses and to extend the system by bringing the network to operate at-grade with the normal traffic. They received an FTA grant for the automated bus deployment and are pursuing P3 partners for deployment, operations and maintenance using JTA-owned property as leverage for TOD investments.	X	X	X	X	X	X
City of Las Vegas Tech Tunnel Project	Solving for congestion through greater mobility, connectivity and economic development	The Las Vegas Convention Center partnered with The Boring Company (TBC) to move passengers automated passenger vehicles between two of the halls of the center. The City is looking at a partnership with TBC to build and operate approximately 10 miles of underground tunnels connecting the Strip to downtown Las Vegas, Allegiant Stadium, the airport and more destinations.	X	X	X		X	X
San Bernardino County Transit Authority (SBCTA) Tech Tunnel Project	Solving for the integration of multiple transportation modes into a multi-modal center	A multi-modal center that will be updated to integrate autonomous vehicle technology and a tunnel. SBCTA plan to procure a public-private-partnership (P3) contract that will design build operation and maintain (DBOM) a tunnel between the Rancho Cucamonga City transit center to the Ontario Airport services autonomous vehicles.	X	X	X		X	X

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